

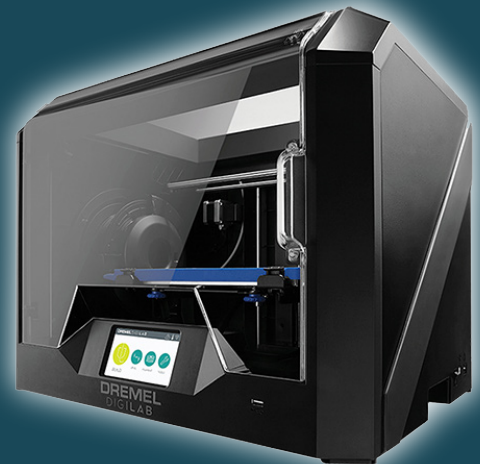
# 2022

PRODUCT CATALOG

FALL & WINTER



CTE



STEM



FAB LAB

 **Midwest**

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MIDWESTTECHNOLOGY.COM

PARTNERING WITH EDUCATORS TO PREPARE THE  
**WORKFORCE OF TOMORROW!**





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**NEW**

IT'S TIME TO **PROTECT YOUR STUDENTS**

Thousands Of Schools Have Switched To SawStop Table Saws.

Industrial  
Cabinet Saw



Professional  
Cabinet Saw



Compact Table Saw

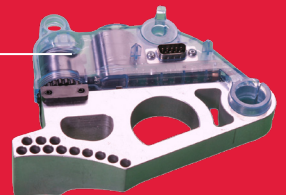
Router  
Tables



Jobsite  
Saw Pro



Supplies &  
Accessories



SawStop's safety system stops a spinning blade within 5 milliseconds and drops the blade below the table - **10X FASTER** than a car's airbag. What may have been an amputation is **REDUCED TO A MERE SCRATCH.**

# CATALOGSECTIONS

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Midwest is proud to have endured and prospered through changing economies thanks to the loyalty of our respected customers. Midwest is committed to making every effort to offer the best pricing to our customers. Due to unusually volatile market conditions, lead times on some products may be extended. Please check our website at **www.midwesttechnology.com** for current pricing or contact us at 800.831.5904.

ABRASIVES & FINISHING	250
ARTS & CRAFTS	502
AUTOMOTIVE	460
DRAFTING	120
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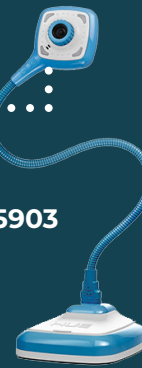
Festool Domino .....  
Joiner DF500  
Q-Set



404600

HUE HD Pro  
Camera,  
1080P .....  
475903

475903



Gratnells Callero  
Plus Treble Cart  
.....  
430920

430920



416157



Full Spectrum  
Pro-Series Laser  
System, 24"x 16"



# POPULAR PRODUCTS!

MIDWEST SPECIALIZES IN PROVIDING QUALITY  
**STEM, CAREER & TECH ED PRODUCTS**  
TO EDUCATORS THROUGHOUT THE WORLD.

# EDUCATION

TO US, NOTHING MATTERS MORE.



**4th GENERATION**  
**John Eveleth**  
**5th GENERATION**  
**Emma Hall**

**113 YEARS IN THE BUSINESS**

If we've learned anything over the last two years, it's that educators are resilient. Teachers have navigated facilitating in-person, hybrid, and virtual learning while providing the best instruction for students. As we are adapting to new learning environments, excellent educational tools have never been more important.

At Midwest Technology, we are continuing to support educators across the nation by stocking STEM, CTE, and Makerspace products from reputable brands. Take a look through the catalog and let us know if you have questions. We'll be happy to help you find exactly what you need, so you're able to provide the best educational experience for your students.

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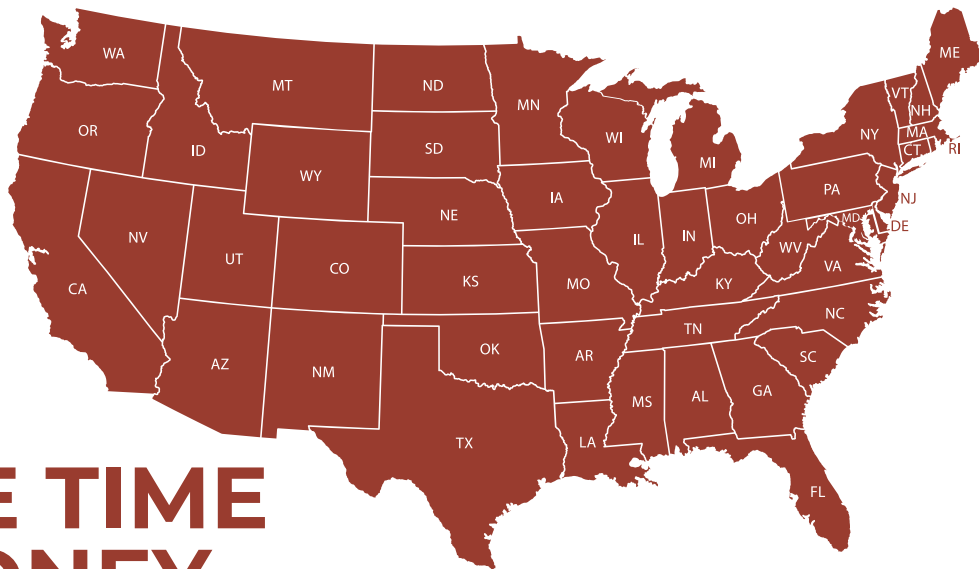


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## WE'RE THE EXPERTS IN

PRODUCT SELECTION, COMPETITIVE PRICING & ORDER PLACING



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### Purchase Through Your Co-op or Contract

Midwest has many nationwide contracts and co-ops that enable schools to purchase at negotiated pricing. Contact us today to verify your eligibility for one of these contracts at 800.831.5904.

**Need to buy local? Call us, and we will put you in touch with a local reseller.**



## 3D PRINTERS



### Create+ Essentials 3D Printing Pen

**3Doodler** Now with dual drive, the Create+ is re-engineered to give you an ultra smooth and enhanced Doodling experience. Improvements include greater control in fast/slow speeds for different Doodling techniques, more reliable performance with different plastic types and greater durability. Simplified, intuitive controls with 2 speeds and 2 temperature settings. Anodized aluminum casing. Extrudes ABS or PLA plastic. For ages 14+.

**1 Pen Kit Includes** 1 pen, 600 strands of plastic, power adapter, tools and user manual.

Stk.	Mfr.	Price
<b>590545</b>	8CPSBKUS3E	<b>WEB</b>

**6 Pens Kit Includes** 6 pens, teacher's kit, students' kit and 600 strands of plastic.

Stk.	Mfr.	Price
<b>590546</b>	8CPSHAUSED	<b>WEB</b>

**12 Pens Kit Includes** 12 pens, teacher's kit, students' kit and 1,200 strands of plastic.

Stk.	Mfr.	Price
<b>590547</b>	8CPSFUUSED	<b>WEB</b>



### PRO+ 3D Printing Pen Set

**3Doodler** The PRO+ combines sleek, ergonomic styling with advanced technology for superior performance to elevate design and bring ideas to life. Explore 3D design and prototypes in a fraction of the time using a range of materials from copper and wood to bronze and nylon. The

digitally adjustable speed and temperature settings offer unparalleled design control. For ages 14+.

**Includes** pen, nozzle set, mini doodlepad, unblocking tool, 6 refill packs and adapters.

Stk.	Mfr.	Price
<b>590492</b>	3DP2-BK-ALL	<b>WEB</b>

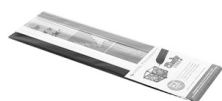


### FLEXY™ Plastic Filament

**3Doodler** With FLEXY you can squeeze, stretch, and twist your creations to perfection. Compatible with the 3Doodler Create+, 3Doodler PRO, Create, 2.0 and Version 1. FLEXY is non-toxic, BPA free, and recyclable.

**Not compatible with 3Doodler Start or 3D Build and Play.**

Stk.	Mfr.	Color	Qty.	Price
<b>590508</b>	FLX01-BLK	Black	25 strands	<b>WEB</b>



### PLA Plastic Filament

**3Doodler** With a glossy finish, PLA is the perfect plastic to add to your 3D pen tool belt. Compatible with the 3Doodler Create+, PRO, Create, 2.0 and Version 1.

**Includes** 5 strands each (black, white, clearly blue, clearly clear, gray).

**Not Compatible with the 3Doodler Start or 3D Build and Play.**

Stk.	Mfr.	Price
<b>590509</b>	PL-MIXNEW1	<b>WEB</b>



### ABS Plastic Filament

**3Doodler** ABS is ideal for Doodling in the air and a great choice for projects that require a sturdier base. Compatible with 3Doodler Create+, PRO, Create, 2.0 and Version 1. Non-toxic, BPA free and recyclable.

**Includes** 5 strands each (white, neon blue, neon yellow, orange, red).

Stk.	Mfr.	Price
<b>590510</b>	PL-MIXNEW2	<b>WEB</b>



### 3Doodler Start 3D Printing Pen

**3Doodler** This 3D printing pen and its creations use low-heat, BPA-free and non-toxic plastic, making it completely safe for kids to use. As a tactile learning toy, 3Doodler Start inspires creativity, design, planning, building and spatial understanding. For ages 8+.

**Essentials Pen Set Includes** Start+ Pen, 72 Eco-Plastic strands and USB cable.

Stk.	Mfr.	Price
<b>590525</b>	SPLUS	<b>WEB</b>

**6 Pen EDU Learning Kit Includes** 6 Start Pens, 600 strands Start Plastic, teachers kit, 6 DoodlePads™, 12 DoodleBlocks™ and 6 USB cables.

Stk.	Mfr.	Price
<b>590531</b>	8SPSHALFED	<b>WEB</b>

**12 Pen EDU Learning Kit Includes** 12 Start Pens, 1,200 strands Start Plastic, teachers kit, 12 DoodlePads™, 24 DoodleBlocks™ and 12 USB cables.

Stk.	Mfr.	Price
<b>590532</b>	8SPSFULLED	<b>WEB</b>



### Eco-Plastic Filament

**3Doodler** Low-heat, BPA-free and non-toxic strands are biodegradable in a household compost and completely safe for kids. Safe to Doodle on almost any surface, the material can be easily removed, though it will adhere firmly to some clear plastics. One 6" strand can produce over 35" of Doodles.

75 straight-cut 6" strands.

**Compatible with the 3Doodler Start and 3D Build & Play.**

Stk.	Mfr.	Color	Price
<b>590565</b>	3DS-ECO01-WHITE-75	White	<b>WEB</b>
<b>590566</b>	3DS-ECO03-RED-75	Red	<b>WEB</b>
<b>590567</b>	3DS-ECO04-YELLOW-75	Yellow	<b>WEB</b>
<b>590568</b>	3DS-ECO05-BLUE-75	Blue	<b>WEB</b>
<b>590569</b>	3DS-ECO07-GREEN-75	Green	<b>WEB</b>
<b>590570</b>	3D-ECO08-GREY-75	Gray	<b>WEB</b>
<b>590571</b>	3DS-ECO10-BLACK-75	Black	<b>WEB</b>



### EDU STEM Accessory Kit

**3Doodler** With this add-on, you can do more, bringing sought after STEM-innovation to your classroom. From articulated hands to geodesic domes, working roller coasters and DNA helixes, students can now use this kit to innovate in 3D with their 3Doodler Start or Create+ pens! For grades 3 to 12.

**Includes** ball-and-socket silicone mold, roller coaster mold and 2 Doodle-proof activity sheets with ideas blueprints for each mold.

Stk.	Mfr.	Price
<b>590493</b>	8EDUSTEMIR	<b>WEB</b>



### LulzBot Sidekick 289 3D Printer

**LulzBot** Features Fused Filament Fabrication (FFF) print technology, Genuine ANTCLABS BLTouch® leveling, USB connectivity and Borosilicate Glass with PEI sheet build surface. Compatible with PLA, Natural and Metal PLA Blends, TPU, ABS and more.

Build Volume 6-3/8"W x 6-3/8"D x 7-1/8"H. Footprint 22" x 25". Weight 18.92 lbs.

**Includes** 8gb SD card.

Stk.	Mfr.	Price
<b>510717</b>	KT-PR0057	<b>WEB</b>



### LulzBot Sidekick 787 3D Printer

**LulzBot** Features Fused Filament Fabrication (FFF) print technology, Genuine ANTCLABS BLTouch® leveling, USB connectivity and Borosilicate Glass with PEI sheet build surface. Compatible with PLA, Natural and Metal PLA Blends, TPU, ABS and more.

Build Volume 9"W x 9"D x 9-1/4"H. Footprint 24" x 28". Weight 20.35 lbs.

**Includes** 8gb SD card.

Stk.	Mfr.	Price
<b>510718</b>	KT-PR0058	<b>WEB</b>



### Afinia H+I 3D Printer

**Afinia** Ideal for educators, engineers, and hobbyists. With intuitive software and features like fully-automated platform leveling, material-specific printheads, and dual air filtration, the H+I is a top-of-the-line 3D printer. H+I combines a large build volume with consistency of performance. Material-specific printheads ensure optimal print

quality and compatibility across a wide range of filament types. Printer comes fully assembled with easy-to-install software for both the PC and Mac. Simply use the included utility to calibrate the printhead height, and within minutes you are printing. Design files for 3D printing can be created using online software, professional software such as SolidWorks™, or download files from the extensive online 3D printer community for free.

Build volume 10"W x 8"D x 8.8"H.

Size 19.6"W x 18.1"D x 20.5"H. Weight 66.2 lbs.

**Includes** 3 printheads (ABS, PLA, TPU) and 1 spool of filament.

Stk.	Mfr.	Price
<b>190520</b>	33359	<b>WEB</b>

### Afinia H+I Extended Warranty

**Afinia** All Afinia H+I Printers include a 1-year mfr.'s warranty. The 2nd year Extended Warranty extends the life of your machine, trouble free, by covering it for unexpected parts and labor for an additional year. Warranty must be purchased within 30 days of printer shipment.

Stk.	Mfr.	Price
<b>190525</b>	33478	<b>WEB</b>



### Afinia Replacement Nozzle

**Afinia** Replacement nozzle for the Afinia H-Series 3D Printer models H400, H480-02, H800 and H+I.

Stk.	Mfr.	Price
<b>190325</b>	25421	<b>WEB</b>



### Afinia H479 and H480 Replacement Nozzle

**Afinia** Replacement nozzle for Afinia H-series 3D Printer models H479 and H480.

Stk.	Mfr.	Price
<b>190315</b>	22299	<b>WEB</b>

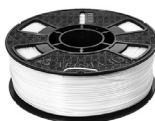


### Afinia 1.75mm ABS Premium Filament

**Afinia** Premium filament certified for use in Afinia H-Series and compatible printers. Supports and raft break easily away from the model leaving a fine finish with high dimensional tolerances.

Filament dia. 1.75mm ± 10mm. Spool 1.1 lb. (500g)

Stk.	Mfr.	Color	Qty.	Price
<b>190326</b>	25225	Blue	2	<b>WEB</b>
<b>190328</b>	25239	Green	2	<b>WEB</b>
<b>190324</b>	25218	Red	2	<b>WEB</b>
<b>190327</b>	25232	Yellow	2	<b>WEB</b>
<b>190322</b>	25204	White	2	<b>WEB</b>
<b>190323</b>	25211	Black	2	<b>WEB</b>



### Afinia 1.75mm ABS Plus Premium Filament

**Afinia** Premium Plus ABS filament is designed specifically for use in the H800 and H800+ 3D printers (may be used in all Afinia H-Series 3D Printers). Premium Plus filament is a harder ABS plastic which helps larger

models from delaminating between layers. The supports and raft break easily away from your model leaving a fine finish while keeping dimensional accuracy and high tolerances.

Filament dia. 1.75mm +/- 0.10mm. Spool 2.2 lbs. (1 kg).

Stk.	Mfr.	Color	Price
<b>190400</b>	27948	White	<b>WEB</b>
<b>190401</b>	27955	Black	<b>WEB</b>
<b>190402</b>	27962	Red	<b>WEB</b>
<b>190403</b>	27969	Blue	<b>WEB</b>
<b>190404</b>	27976	Yellow	<b>WEB</b>
<b>190405</b>	27983	Green	<b>WEB</b>



### Afinia 1.75mm ABS Plus Premium Filament, 6-Pack

**Afinia** Premium Plus ABS filament is designed specifically for use in the H800 and H800+ 3D printers (may be used in all Afinia H-Series 3D Printers). Filament is a harder ABS plastic which helps larger models from delaminating between layers. The supports and raft break easily away from your model leaving a fine finish while keeping dimensional accuracy and high tolerances.

Filament dia. 1.75mm +/- 0.10mm. Spool 2.2 lbs. (1 kg).

**Includes** 1 of each spool (red, black, green, blue, white and yellow).

Stk.	Mfr.	Price
<b>190410</b>	28592	<b>WEB</b>



### DigiLab 3D40 Flex EDU 3D Printer

**DREMEL** Dremel's easiest to use 3D printer, complete with 3D lesson plans and a professional development course, ideal for your classroom or makerspace. Built with teachers in mind, FLEX EDU is fully enclosed and has optimized motion controls to minimize noise so you can teach while the printer is running. Easy,

quick installation with a set-up time to first print of only 15 minutes. The 30 lesson plans for 3rd-12th grades align with Common Core and other state standards. Supports Windows 7 SP1, 8.1 and Mac OS X v10.9+.

Build volume 10" x 6" x 6.7". Size 20.25" x 16" x 15.9". Weight 35 lbs.

**Includes** build plate package, 5 spare flexible build sheets, 4 PLA filament spools, USB flash drive with sample prints and slicing software.

Stk.	Mfr.	Price
<b>343088</b>	3D40-FLX-EDU	<b>WEB</b>



### DigiLab 3D45 3D Printer

**DREMEL** This reliable printer is packed with features and made affordable so you can get more printers for a greater number of prints per user. Easily network and stack 4 units to 6' tall. Remote printer sharing allows shared access using the Dremel Print Cloud software. 50-micron resolution and temperature-controlled

chamber automatically changes temperature settings. Requires Mac OS X (v10.9+) or Windows (7, 8, 8.1, 10).

Build volume 10" x 6" x 6.7". Filament dia: 1.75mm.

Size 20.25"W x 16"D x 15.9"H. Weight 47.5 lbs.

**3D45 Printer Includes** printer, USB flash drive with sample prints and slicing software, integrated camera, build plate, black nylon filament spool, black Eco-ABS filament spool, 2 glue sticks, object removal tool, unclog tool and USB connection cable.

Stk.	Mfr.	Price
<b>343087</b>	3D45-01	<b>WEB</b>

**3D45 EDU Printer Includes** printer, 4 spools of filament (2 advanced and 2 PLA), 2 3D45 build plates, 4 glue sticks, 30 standard-based lesson plans and 4 hour 3D printing professional development course.

Stk.	Mfr.	Price
<b>343089</b>	3D45-EDU	<b>WEB</b>



### Dremel PLA Filament

**DREMEL** Dremel PLA filament has been specifically engineered for optimal printing with the Idea Builder, 3D40 and 3D45 to produce a stable, strong object with a high quality finish.

Filament dia. 1.75 mm. Spool size 1.65 lbs.

Stk.	Mfr.	Color	Price
<b>343890</b>	PLA-WHI-01	White	<b>WEB</b>
<b>343891</b>	PLA-BLA-01	Black	<b>WEB</b>
<b>343892</b>	PLA-RED-01	Red	<b>WEB</b>
<b>343893</b>	PLA-ORA-01	Orange	<b>WEB</b>
<b>343894</b>	PLA-PUR-01	Purple	<b>WEB</b>
<b>343895</b>	PLA-BLU-01	Blue	<b>WEB</b>
<b>343896</b>	PLA-GRE-01	Green	<b>WEB</b>
<b>343897</b>	PLA-SIL-01	Silver	<b>WEB</b>
<b>343898</b>	PLA-GOL-01	Gold	<b>WEB</b>
<b>343899</b>	PLA-TRA-01	Translucent	<b>WEB</b>

## FILAMENT



### FLEXY™ Plastic Filament

**3Doodler** With FLEXY you can squeeze, stretch, and twist your creations to perfection. Compatible with the 3Doodler Create+, 3Doodler PRO, Create, 2.0 and Version 1. FLEXY is non-toxic, BPA free, and recyclable.

**Not compatible with 3Doodler Start or 3D Build and Play.**

Stk.	Mfr.	Color	Qty.	Price
<b>590508</b>	FLX01-BLK	Black	25 strands	<b>WEB</b>



### PLA Plastic Filament

**3Doodler** With a glossy finish, PLA is the perfect plastic to add to your 3D pen tool belt. Compatible with the 3Doodler Create+, PRO, Create, 2.0 and Version 1.

**Includes** 5 strands each (black, white, clearly blue, clearly clear, gray).

**Not Compatible with the 3Doodler Start or 3D Build and Play.**

Stk.	Mfr.	Price
<b>590509</b>	PL-MIXNEW1	<b>WEB</b>



### ABS Plastic Filament

**3Doodler** ABS is ideal for Doodling in the air and a great choice for projects that require a sturdier base. Compatible with 3Doodler Create+, PRO, Create, 2.0 and Version 1. Non-toxic, BPA free and recyclable.

**Includes** 5 strands each (white, neon blue, neon yellow, orange, red).

Stk.	Mfr.	Price
<b>590510</b>	PL-MIXNEW2	<b>WEB</b>



### Eco-Plastic Filament

**3Doodler** Low-heat, BPA-free and non-toxic strands are biodegradable in a household compost and completely safe for kids. Safe to Doodle on almost any surface, the material can be easily removed, though it will adhere firmly to some clear plastics. One 6" strand can produce over 35" of Doodles.

75 straight-cut 6" strands.

**Compatible with the 3Doodler Start and 3D Build and Play.**

Stk.	Mfr.	Color	Price
<b>590565</b>	3DS-ECO01-WHITE-75	White	<b>WEB</b>
<b>590566</b>	3DS-ECO03-RED-75	Red	<b>WEB</b>
<b>590567</b>	3DS-ECO04-YELLOW-75	Yellow	<b>WEB</b>
<b>590568</b>	3DS-ECO05-BLUE-75	Blue	<b>WEB</b>
<b>590569</b>	3DS-ECO07-GREEN-75	Green	<b>WEB</b>
<b>590570</b>	3D-ECO08-GREY-75	Gray	<b>WEB</b>
<b>590571</b>	3DS-ECO10-BLACK-75	Black	<b>WEB</b>

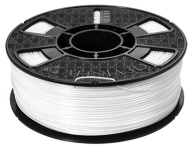


### Afinia 1.75mm ABS Premium Filament

**Afinia** Premium filament certified for use in Afinia H-Series and compatible printers. Supports and raft break easily away from the model leaving a fine finish with high dimensional tolerances.

Filament dia. 1.75mm ± 10mm. Spool 1.1 lbs. (500g)

Stk.	Mfr.	Color	Qty.	Price
<b>190326</b>	25225	Blue	2	<b>WEB</b>
<b>190328</b>	25239	Green	2	<b>WEB</b>
<b>190324</b>	25218	Red	2	<b>WEB</b>
<b>190327</b>	25232	Yellow	2	<b>WEB</b>
<b>190322</b>	25204	White	2	<b>WEB</b>
<b>190323</b>	25211	Black	2	<b>WEB</b>



### Afinia 1.75mm ABS Plus Premium Filament

**Afinia** Used in all Afinia H-Series 3D Printers). Premium Plus filament is a harder ABS plastic which keeps larger models from delaminating between layers. The supports and raft break easily away from your model leaving a fine finish while keeping dimensional accuracy and high tolerances.

Filament dia. 1.75mm +/- 0.10mm. Spool 2.2 lbs. (1 kg).

Stk.	Mfr.	Color	Price
<a href="#">I90400</a>	27948	White	<b>WEB</b>
<a href="#">I90401</a>	27955	Black	<b>WEB</b>
<a href="#">I90402</a>	27962	Red	<b>WEB</b>
<a href="#">I90403</a>	27969	Blue	<b>WEB</b>
<a href="#">I90404</a>	27976	Yellow	<b>WEB</b>
<a href="#">I90405</a>	27983	Green	<b>WEB</b>



### Afinia 1.75mm ABS Plus Premium Filament, 6-Pack

**Afinia** Used in all Afinia H-Series 3D Printers). Premium Plus filament is a harder ABS plastic which keeps larger models from delaminating between layers. The supports and raft break easily away from your model leaving a fine finish while keeping dimensional accuracy and high tolerances.

Filament dia. 1.75mm +/- 0.10mm. Spool 2.2 lbs. (1 kg).

**Includes** 1 of each spool (red, black, green, blue, white and yellow).

Stk.	Mfr.	Price
<a href="#">I90410</a>	28592	<b>WEB</b>



### Dremel PLA Filament

**DREMEL** Specifically engineered for optimal printing with the Idea Builder, 3D40 and 3D45 to produce a stable, strong object with a high quality finish.

Filament dia. 1.75 mm. Spool size 1.65 lbs.

Stk.	Mfr.	Color	Price
<a href="#">343890</a>	PLA-WHI-01	White	<b>WEB</b>
<a href="#">343891</a>	PLA-BLA-01	Black	<b>WEB</b>
<a href="#">343892</a>	PLA-RED-01	Red	<b>WEB</b>
<a href="#">343893</a>	PLA-ORA-01	Orange	<b>WEB</b>
<a href="#">343894</a>	PLA-PUR-01	Purple	<b>WEB</b>
<a href="#">343895</a>	PLA-BLU-01	Blue	<b>WEB</b>
<a href="#">343896</a>	PLA-GRE-01	Green	<b>WEB</b>
<a href="#">343897</a>	PLA-SIL-01	Silver	<b>WEB</b>
<a href="#">343898</a>	PLA-GOL-01	Gold	<b>WEB</b>
<a href="#">343899</a>	PLA-TRA-01	Translucent	<b>WEB</b>



### 1.75mm ABS Filament

**Toner Plastics** Works with Afinia H480, Replicator 1 and Replicator 2X.

Filament dia. 1.75 mm. Spool size 2.2 lbs. (1 kg).

**Does not work with Replicator 2.**

Stk.	Mfr.	Color	Price
<a href="#">558213</a>	MW-ABSPK1	4-pack. Dark Blue, Grape, Red, Yellow	<b>WEB</b>
<a href="#">512827</a>	87387	Dark Blue	<b>WEB</b>
<a href="#">512843</a>	87441	Light Green	<b>WEB</b>
<a href="#">512823</a>	87369	Neon Orange	<b>WEB</b>
<a href="#">512834</a>	87493	Grape	<b>WEB</b>
<a href="#">512820</a>	87388	Red	<b>WEB</b>
<a href="#">512825</a>	87385	Yellow	<b>WEB</b>
<a href="#">512815</a>	87361	Natural	<b>WEB</b>
<a href="#">512816</a>	87380	White	<b>WEB</b>
<a href="#">512822</a>	87453	Brown	<b>WEB</b>
<a href="#">512817</a>	87389	Black	<b>WEB</b>
<a href="#">512818</a>	87386	Silver	<b>WEB</b>

### 1.75mm PLA Filament

**Toner Plastics** For use with Afinia, Makerbot Replicator 2 and earlier Makerbot model 3D printers.

Filament dia. 1.75 mm. Spool size 2.2 lbs. (1 kg).

Stk.	Mfr.	Color	Price
<a href="#">558214</a>	MW-PLAPK1	4-pack. Dark Blue, Grape, Red, Yellow	<b>WEB</b>
<a href="#">512838</a>	87402	Dark Blue	<b>WEB</b>
<a href="#">512812</a>	87395	Dark Green	<b>WEB</b>
<a href="#">512813</a>	87430	Neon Orange	<b>WEB</b>
<a href="#">512835</a>	87401	Grape	<b>WEB</b>
<a href="#">512833</a>	87368	Red	<b>WEB</b>
<a href="#">512810</a>	87398	Yellow	<b>WEB</b>
<a href="#">512842</a>	87376	Neon Yellow	<b>WEB</b>
<a href="#">512832</a>	87359	Natural	<b>WEB</b>
<a href="#">512814</a>	87374	White	<b>WEB</b>
<a href="#">512837</a>	87394	Brown	<b>WEB</b>
<a href="#">512836</a>	87375	Black	<b>WEB</b>
<a href="#">512841</a>	87396	Silver	<b>WEB</b>



### 3mm ABS Filament

**Toner Plastics** For use with LulzBot TAZ printers.

Filament dia. 3mm. Spool size 2.2 lbs. (1 kg).

Stk.	Mfr.	Color	Price
<a href="#">512913</a>	87634	Dark Blue	<b>WEB</b>
<a href="#">512908</a>	87639	Light Green	<b>WEB</b>
<a href="#">512909</a>	87650	Red	<b>WEB</b>
<a href="#">512911</a>	87653	Yellow	<b>WEB</b>
<a href="#">512901</a>	87642	Natural	<b>WEB</b>
<a href="#">512910</a>	87652	White	<b>WEB</b>
<a href="#">512902</a>	87631	Black	<b>WEB</b>



### 3mm PLA Filament

**Toner Plastics** For use with Airwolf, Afinia and LulzBot TAZ 3D printers. Filament dia. 3mm. Spool size 2.2 lbs. (1 kg).

Stk.	Mfr.	Color	Price
<b>512912</b>	87658	Dark Blue	<b>WEB</b>
<b>512904</b>	87663	Light Green	<b>WEB</b>
<b>512905</b>	87674	Red	<b>WEB</b>
<b>512907</b>	87677	Yellow	<b>WEB</b>
<b>512900</b>	87666	Natural	<b>WEB</b>
<b>512906</b>	87676	White	<b>WEB</b>
<b>512903</b>	87655	Black	<b>WEB</b>
<b>512914</b>	87659	Dark Green	<b>WEB</b>

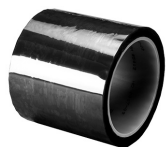
## ACCESSORIES & SUPPLIES



### Polyester Tape

**3M** An excellent solution for your 3D printer build platform. Durable, long lasting 3.2 mil tape with 2 mil polyester backing and 1.2 mil silicone adhesive. Works up to 400°F. Dark green.

Stk.	Mfr.	Size	Price
<b>590238</b>	8992	2" x 72 yds.	<b>WEB</b>



### Polymide Film Kapton Tape

**3M** 2.7 mil. polymide film with silicone adhesive provides a superior build platform solution for your 3D printer. Designed for high temperature applications (-100° to 500°F). Amber color.

Stk.	Mfr.	Size	Price
<b>590237</b>	5413	2" x 36 yd.	<b>WEB</b>



### 3D Printer Tool Kit

#### Midwest

**Includes** 14-pc. feeler gauge set, 3-pc. cleaning brush set, 29-pc. hobby knife set, 6-pc. mini pliers set, tweezers, craft spatula, Phillips #1 screwdriver, flexible putty knife and 12-1/2" plastic tool box.

Stk.	Mfr.	Price
<b>558210</b>	MVW-MKTP	<b>WEB</b>



### Makerspace 3D Printer Cart

**MooreCo** 3D printing gets simplified and organized with closed storage, sturdy casters, accessory shelf and visible filament spool storage. Gray laminate cart comes with standard black handles (2 large, 1 small), detachable 18.1" x 18.1" shelf, 4 stationary shelves, locking door, 6 hooks and 3" casters (2 locking).

**Includes** 5 clear tubs with lids (3 small, 2 large).

Stk.	Mfr.	Size	Price
<b>545017</b>	91413	38"H x 48.1"W x 21"D	<b>WEB</b>



### Multi-Maker Cart

**CEF** The Multi-Maker is a customizable cart with multiple applications such as a presentation cart, or a charging and storage solution for a classroom or media center. Locking front door, 2 internal adjustable shelves and 3" locking swivel casters.

**Includes** 6-outlet power strip with 20' cord.

**Shown with external shelf, sold separately.**

Stk.	Mfr.	Size	Price
<b>131685</b>	MMC	21"D x 29"W x 39"H	<b>WEB</b>



### Multi-purpose Mobile 3D Printer Cart

**Diversified** Built of solid maple and maple veneers, this multi-purpose cart rolls easily on 4" locking casters, has a fully dovetailed drawer (17"W x 14"D) for storage and a flip-up shelf (12"W x 24"D). Removable aluminum upright can hold a variety of materials.

**Shown with 3D Printer and Filament, sold separately.**

Stk.	Mfr.	Size	Price
<b>155006</b>	3DP-3624M	36"W x 26"D x 36"H	<b>WEB</b>

## FUME EXTRACTORS



### PrintPRO 2 Fume Extractor

**Bofa** For tabletop and open framed 3D printers. Low cost unit extracts fumes without causing the filament deposition area to be cooled. It has the benefits of low noise level and minimal power consumption. Pre, HEPA and chemical filters, filter change indicator, small footprint and compact size.

115V. Air flow/pressure: 26.5 CFM. Size: 13.3" x 11.1" x 10". Weight: 17 lbs.

**Extractor with Unit Mounted Arm Kit Includes** 5 pre-filters, 1 combined filter, hose kit and unit mounted 50mm stay-put arm with cone.

Stk.	Mfr.	Price
<b>273059</b>	L5444-0002	<b>WEB</b>

**Extractor with Table Mount Kit Includes** 5 pre-filters, 1 combined filter and table mounting kit (flex hose, flush mount table bracket, balance valve and 50mm stay-put arm with cone).

Stk.	Mfr.	Price
<b>273060</b>	L5444-8000	<b>WEB</b>



### PrintPRO 3 Fume Extractor

**Bofa** For table top enclosed/partially enclosed 3D printers. It incorporates an externally mounted plenum system, which effectively captures fumes generated during the printing process and returns ultra clean, filtered air to the operator's breathing zone. Pre, HEPA and chemical filters, digital speed control, filter change indicator and low noise level.

115V. Air flow/pressure: 68 CFM. Size: 16.3" x 10.2" x 11.7". Weight: 21 lbs.

**Includes** 5 pre-filters, 1 combined filter, hose kit and 50mm 'stay put' arm with mounting brackets.

Stk.	Mfr.	Price
<b>273061</b>	L5544-0000	<b>WEB</b>

### PrintPro Filters

**Bofa** Fits PrintPRO 2 and PrintPRO 3 Fume Extractors.

Stk.	Mfr.	Item	Qty.	Price
<b>273022</b>	A1030102	Pre-filter	5	<b>WEB</b>
<b>273023</b>	A1030099	HEPA/Gas Filter	1	<b>WEB</b>

## 3D SCANNERS



### EinScan-SE 3D Scanner with Turntable

**Afinia** Creates printable 3D models with high accuracy for a range of creative 3D printing applications. The full-color texture scanning option is perfect for animation and graphic arts.

Choose automatic scan mode with an automated turntable, or a fixed scan mode for larger objects. The white-light scanner uses structured light or light phase shifting technology. This creates a highly accurate scan without using lasers. Automatic scans take 3 minutes to complete, which is many times faster than similar desktop 3D scanners with turntables. Mfr.'s 1-year parts and labor warranty.

Scan volume Automatic: 200 x 200 x 200 mm / Fixed: 700 x 700 x 700 mm. Size 570 x 210 x 210 mm. Weight 5.5 lbs.

**Includes** USB cable, calibration pattern assembly, users guide and USB drive with installation software.

Stk.	Mfr.	Price
<b>I90420</b>	28837	<b>WEB</b>

### EinScan-SE 3D Scanner Extended Warranty

**Afinia** All Afinia EinScan-SE 3D Scanners include a Mfr.'s 1-year warranty. The 2nd year Extended Warranty extends the life of your machine, trouble free, by covering it for unexpected parts and labor for an additional year. Warranty must be purchased within 30 days of printer shipment.

Stk.	Mfr.	Price
<b>I90425</b>	28858	<b>WEB</b>

## CNC MACHINES



### ICONIC CNC Education Package

**Axiom** The best technology and components have been selected to build what will surely be the new king of the entry-level CNC market. The Iconic CNC series includes prismatic guides, ball screws, and the same powerful, yet easy-to-use, DSP pendant controller which is utilized on Axiom's larger machines. A full complement of accessories are included ensuring that you'll receive a package that's tailored to your CNC

needs. Targeted specifically at the first-time CNC user, the ICONIC is supported with a comprehensive manual and video library which are intended to dramatically shorten a new user's learning curve. Assembled, Tested, Delivered to School\*, and Ready To Run (stand requires assembly)\*Contiguous United States only. Includes lift gate service direct to the school. Additional changes may apply to remote areas in some states.

Voltage 115. Rapid feed rate 150 IPM (3.81 MPM). Spindle speed 0-24,000 RPM.

**ICONIC4 Includes** stand, toolbox, dust shoe, LED kit, linear clamp kit, 2 sets hold down clamp kits, 3-piece starter bit set, 2-piece sign making bit set, VCarve software v10 (40-Seat Education Site License), 32 Module Educational Curriculum and 2 seats at Axiom training workshop.

Stk.	Mfr.	Size	Price
<b>I99504</b>	ICONIC4-EDU	38"L x 35"W x 28"H	<b>WEB</b>

**ICONIC8 Includes** stand, toolbox, dust shoe, LED kit, linear clamp kit, 2 sets hold down clamp kits, 3-piece starter bit set, 2-piece sign making bit set, laser kit, 9-piece CNC bit set, VCarve software v10 (40-Seat Education Site License), 32 Module Educational Curriculum and 2 seats at Axiom training workshop.

Stk.	Mfr.	Size	Price
<b>I99505</b>	ICONIC8-EDU	62"L x 35"W x 28"H	<b>WEB</b>



### Pro V5 CNC Education Package

**Axiom** ProV5 offers all of the great features of Axiom's Pro+ Series machines, but adds increased holding torque with 48V stepper motors, an improved cooling system and higher spindle performance thanks to an upgraded VFD. Powerful electro spindle performance, and rotary machining capability in a compact industrial machine.

Provides a full 6.5" of gantry clearance, and a quiet yet powerful 3 HP electro-spindle with integrated liquid cooling system. The AutoRoute Pro Series CNC router also offers precision ball screws, prismatic guides, a robust steel frame, and interlocking aluminum table. In addition, the integrated MDF spoil boards promise you all the precision you need, since they can easily be milled flat.

No PC needed- simply transfer your file to the handheld controller via USB storage device. Assembled, Tested, Delivered to School\*, & Ready To Run (stand requires assembly). \*Contiguous United States only. Includes lift gate service direct to the school. Additional changes may apply to remote areas in some States.

Voltage 220. Rapid shuttle speed 300 IPM (5 MPM). Spindle speed 0-24,000 RPM.

**AR4 Includes** stand, toolbox, dust system and dust shoe, 4.2W laser kit, LED kit, 9-piece tool kit, linear clamp kit, 2 sets hold down clamp kits, VCarve Software v10 (40-Seat Education Site License), 32-module Educational Curriculum (PDF, PPTX and Printed Formats) and 2 Seats at Axiom Training Workshop.

Stk.	Mfr.	Size	Price
<b>I99506</b>	AR4-V5-EDU	39.17"L x 37.36"W x 30.27"H	<b>WEB</b>

**AR8 Includes** stand, toolbox, dust system and dust shoe, 4.2W laser kit, 4th axis rotary kit, LED kit, 9-piece tool kit, linear clamp kit, 2 sets hold down clamp kits, VCarve Software v10 (40-Seat Education Site License), 32-module Educational Curriculum (PDF, PPTX and Printed Formats) and 2 Seats at Axiom Training Workshop.

Stk.	Mfr.	Size	Price
<b>I99507</b>	AR8-V5-EDU	62.99"L x 37.36"W x 30.27"H	<b>WEB</b>



### 9-Piece CNC Bit Set

**Axiom** Nine-piece bit set is designed for creating signs and other CNC projects in a variety of materials. Each router bit is manufactured from Amana Tool's exclusive grade carbide according to stringent quality standards.

**Includes** 9 bits (spoilboard, core box, straight ball nose, 2 spiral flute plunge, 90° v-groove, 30° v-carving, 2 tapered ball nose) and storage box.

Stk.	Mfr.	Price
<b>I99508</b>	ABS901	<b>WEB</b>



### CNC Router Machine

**Powermatic** Heavy-duty welded steel frame provides rigidity and maintains accuracy. Extruded aluminum table with integrated T-slots allow hold-down clamps to be positioned in any location. MDF spoil board protects table from damage, can be quickly resurfaced using the pre-loaded program. Precision ball screws allow rapid movement on each axis while maintaining precise spindle placement. Linear guideways

with recirculating ball bearings ensure precise positioning of tool bit. High-torque stepper motors control each axis, providing fast, quiet and precise movement. Hold down clamps have 5/16" T-bolt with 1-1/8" x 5-1/4" aluminum arm. Controller supports standard G-code, PLT format instructions. Supports mainstream CAM software Vectric, Type3, Art cam, UG, Pro/E, Master CAM, Cimatron, Wentai.

Rapid Feed Rate 200 IPM. Cutting capacity 24"X, 24"Y, 6"Z. Table work area 39.17" x 28.39". Weight 598 lbs.

**Includes** stand and universal 3-1/2" router mount.

**Router and Design software sold separately.**

Stk.	Mfr.	Volts	Phase	Amps	Price
<b>656800</b>	1797022K	115	1	15	<b>WEB</b>



### CNC Router Machine with Electro Spindle

**Powermatic** Heavy-duty welded steel frame provides rigidity and maintains accuracy. Extruded aluminum table with integrated T-slots allow hold-down clamps to be positioned in any location. MDF spoil board protects table from damage, can be quickly resurfaced using the pre-loaded program. Precision ball screws allow rapid

movement on each axis while maintaining precise spindle placement. Linear guideways with recirculating ball bearings ensure precise positioning of tool bit. High-torque stepper motors control each axis, providing fast, quiet and precise movement. Hold down clamps have 5/16" T-bolt with 1-1/8" x 5-1/4" aluminum arm. Controller supports standard G-code, PLT format instructions. Supports mainstream CAM software Vectric, Type3, Art cam, UG, Pro/E, Master CAM, Cimatron, Wentai.

Rapid Feed Rate 200 IPM. Spindle speed 0-24,000 RPM. Cutting capacity 24"X, 48"Y, 6"Z. Table work area 62.99" x 28.39". Weight 748 lbs.

**Includes** stand and spindle router.

**Design software sold separately.**

Stk.	Mfr.	Volts	Phase	HP	Amps	Price
<b>656801</b>	1797024K	230	1	3	10	<b>WEB</b>



### VCarve Desktop for Powermatic CNC

**Vectric** VCarve Desktop provides a powerful but intuitive software solution for cutting parts

on a CNC Router. It has the functionality demanded for complex work while remaining incredibly easy to use. There are tools for 2D design and calculation of 2D and 2.5D toolpaths along with the ability to import and toolpath a single 3D model (STL, OBJ, SKP etc.). Import multiple Vectric Clip Art 3D models (V3M) to create advanced 3D assemblies.

Stk.	Mfr.	Price
<b>656795</b>	1797004	<b>WEB</b>



### CX4 CNC Machine

**CarveWright** Drag-and-drop software with automated setup makes it easy to create stunning projects quickly. Use plywood, MDF, heat-resistant plastics, and foam. Machine automatically moves material through and does all the work for you.

Cutting Techniques: Raster Carving, Vector Cutting. Imports PNG, JPG, GIF, BMP. Operating Systems: Windows (10+), Mac OS X (10.6+). Connectivity: CarveWright memory card, USB Programmer.

Build Volume: 14.5"W x 5.5"D x 12"L.

Overall size 19.1" x 12.8" x 14.7". Weight 85 lbs.

**Starter Pkg. Includes** machine, dust hood, 1/16" carving bit, T-Allen wrench, Designer 4 software, memory card, and USB programmer.

Stk.	Mfr.	Volts	Price
<b>288067</b>	CW-CX4-STR	110	<b>WEB</b>

**Basic Lab Pkg. Includes** machine, dust hood, sign makers bit set, 5 seats of Designer 4 Software, 5 seats of Vcarve Suite Software Add-On Module and large 240 grit sanding mop.

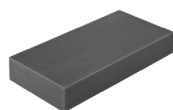
Stk.	Mfr.	Volts	Price
<b>288068</b>	CW-BSC4-LAB	110	<b>WEB</b>

**Dragster Lab Pkg. Includes** machine, dust hood, pro cutting & carving bit set, C02 Dragster Jig with software, large 240 grit sanding mop, and 5 seat software licenses each: Designer 4, Vcarve Suite, Drawing Suite, Modeling Suite, DXF Layout, STL Slicer, Sculptor.

Stk.	Mfr.	Volts	Price
<b>288065</b>	CW-CO24-LAB	110	<b>WEB</b>

**Innovator Lab Pkg. Includes** machine, dust hood, carving bit set, router bit set, large 180 and 240 grit sanding mop, 5 seat software licenses each: Designer 4, Vcarve Suite, Drawing Suite, Modeling Suite, DXF Layout, STL Slicer, Sculptor, C02 Dragster Jig with software, Rotary Jig with software, Scanning Probe with software, Keyhole bit with software.

Stk.	Mfr.	Volts	Price
<b>288066</b>	CW-INV4-LAB	110	<b>WEB</b>



### CNC Mill & Lathe Machinable Wax

**Flexbar** Self-lubricating, nonabrasive machinable wax will not fuse when machined. Sharp edges can be maintained, accurate threads can be cut and thin wall sections maintained with the quality of surface finish.

50-55 shore "D" scale hardness. 92 specific gravity. 575°F flash point. 226°F softening point. 7% volumetric shrinkage @ room temperature. Permanent, oil base, blue dye coloring.

Stk.	Mfr.	Shape	Size	Price
<b>408800</b>	15160	Rectangular Block	3" x 7" x 1.5"	<b>WEB</b>
<b>408801</b>	15161	Rectangular Block	3" x 7" x 3"	<b>WEB</b>
<b>408808</b>	15170	Cylinder	1.5" x 12"	<b>WEB</b>
<b>408804</b>	15165	Cylinder	2" x 12"	<b>WEB</b>
<b>408805</b>	15166	Cylinder	3" x 12"	<b>WEB</b>

## 2x2 Plasma Cutting Table



**Baileigh** CNC plasma tables let you easily cut intricate shapes. With a welded steel frame, this table is built to handle large metal sheets. The easy-to-learn software lets you create designs with a few clicks, then upload the pattern to the table with a USB drive. All internal components are included and shipped machines are fully assembled. Cuts at a fixed height (which can be adjusted between cuts), ideal for working with flat materials. Industrial-grade stepper motors control the X, Y,

and Z axis for fast, reliable torch movement. Water bath with a ball valve drain collects dirt, debris, and smoke. Cabinet in the base with latched and hinged access doors. 5" caster wheels (2 stationary, 2 swiveling) let you move the table easily. Mfr.'s 1-year parts warranty plus, lifetime technical support.

Table load capacity 3/4" mild steel. Cutting area 2' x 2'.

Table size 29" x 31". Weight 550 lbs. (shipping).

**Table Only Includes** BobCAD-Cam V29 Express Design Software.

Stk.	Mfr.	Volts	Price
<b>222625</b>	PT-22	110	<b>WEB</b>

**Table with A80 Cutter Includes** PT-Cut Master A-80 and BobCAD-Cam V29 Express Design Software.

Stk.	Mfr.	Volts	Price
<b>558175</b>	MW-PT-22	110	<b>WEB</b>

**222625** Plasma torch system sold separately.

## CNC Plasma Table



**Baileigh** With variable height control, this plasma table makes perfect cuts in uneven material. It comes assembled with a heavy steel frame. It is compatible with automatic torches, but not manual ones. Comes standard with BobCAD-Cam Express

programming software. Design or plot out your project on any computer and load the plasma table via a USB drive. Runs on 220-volt single-phase power, automatic height control, axes X, Y, Z controlled by quality stepper motors. Made of heavy-gauge boxed steel.

Table load capacity 1" mild steel. Cutting area 4' x 4'.

Table dimensions 59" x 59". Weight 2,293 lbs. (shipping).

**Table Only Includes** BobCAD-Cam Express Design Software.

Stk.	Mfr.	Volts	Phase	Price
<b>222630</b>	PT-44AH-W	220	I	<b>WEB</b>

**Table with A80 Cutter Includes** Cutmaster A-80 and BobCAD-Cam V29 Express Design Software.

Stk.	Mfr.	Volts	Phase	Price
<b>558180</b>	MW-PT-44AH-W	220	I	<b>WEB</b>

**222630** Plasma torch system sold separately.

## LASER CUTTERS



### Emblaser 2 Wireless Laser Engraver/Cutter

**Darkly Labs** Designed to be user friendly, easy-to-setup and easy-to-use in any classroom. A true 3D cutting and engraving machine, it allows you to achieve different levels of depths and details. Cut, mark or engrave cloth, cardboard, paper, leather, wood, plastics and more. Emblaser 2 is a Class I laser device,

which is considered the safest. Other safety features include material ignition alert, built-in fume extractor to vent fumes outdoors. Mfr.'s 1-year limited warranty and 6-month warranty on laser diode.

Engraving/cutting area 20" x 12" x 2". Size 28.35"W x 21.25"D x 7.8"H.

**Includes** LaserWeb software, 12vDC power supply with power cable, USB cable, 4 silicone cutting mats, fume exhaust hose, lens cleaning kit and calibration cards.

Stk.	Mfr.	Price
<b>190460</b>	29789	<b>WEB</b>



### Emblaser 2 Fume Filtration System

**Darkly Labs** The F2000 fume filtration system performs 2 key functions; it assists the Emblaser 2's built-in exhaust fan to evacuate fumes from the internal workspace as well as filtering the fumes to remove the majority of contaminants, significantly reducing air-borne particles. This allows you to use the Emblaser 2 indoors without access to an external door or window.

Stk.	Mfr.	Price
<b>190480</b>	32421	<b>WEB</b>



### Emblaser 2 Replacement Filter

**Darkly Labs** Replacement triple filter set for F2000 fume filtration system for Emblaser 2 laser cutter/engraver.

**Includes** activated carbon filter, HEPA filter and pre-filter.

Stk.	Mfr.	Price
<b>190482</b>	32428	<b>WEB</b>



### Muse 3D Autofocus Desktop Laser System

**Full Spectrum** From creating original art to starting your own small business, Muse 3D offers the best, most innovative technology in the desktop laser market. Works on wood,

acrylic, fabric, cardboard, paper, leather, stone, glass and rubber. Features 7" LCD touchscreen, linear rail motion system, removable floor, motorized real-time autofocus, engraves up to 1000 dpi resolution.

Cutting area 20" x 12". Size 32.3"W x 20.3"D x 8.5"H. Weight 54 lbs.

**Exhaust Fan Kit Includes** 40W tube, 2" focus lens, exhaust fan, cool box and mfr.'s 2-year warranty.

Stk.	Mfr.	Price
<b>558102</b>	MUSE-3D-F	<b>WEB</b>

**Fume Extractor Kit Includes** 40W tube, 2" focus lens, cool box, BOFA AD350 Fume Extractor with hose kit and mfr.'s 2-year warranty.

Stk.	Mfr.	Price
<b>558100</b>	MW-MUSE3D-BOFA	<b>WEB</b>





### Muse Core Desktop Laser System

**Full Spectrum** Desktop laser system features LCD touch screen functions, self-hosted browser based RetinaEngrave v3.0 laser control and design software. Works on wood, acrylic, fabric, cardboard, paper, leather, stone, glass

and rubber. Features 7" LCD touch screen, linear rail motion system, removable floor and metal case.

Cutting area 20" x 12". Size 32.3"W x 20.3"D x 8.5"H. Weight 54 lbs.

**Includes** 40W tube, 2" focus lens, exhaust fan, compressor and mfr.'s 2-year warranty.

Stk.	Mfr.	Price
<b>558114</b>	MW-MCORE	<b>WEB</b>



### FS Air Compressor

**Full Spectrum** An air compressor is needed for cutting/engraving fume-producing materials like wood/plastic (not needed for glass/granite). This air compressor is quiet and brushless which means less electrical

interference. Made to be run continuously without problems. For use with H-Series 5th Generation CO<sub>2</sub> Desktop Laser.

Stk.	Mfr.	Price
<b>416152</b>	5GAC	<b>WEB</b>



### Exhaust Fan

**Full Spectrum** Exhaust fan pulls smoke out of laser cutter. A 4" dryer vent (not included) mounted in the wall is recommended for proper venting.

Stk.	Mfr.	Price
<b>416153</b>	5GFAN	<b>WEB</b>



### Cool-Box Water Cooler

**Full Spectrum** Upgrade your Muse Hobby Laser System with the Cool-box kit. Get rid of the dreaded bucket of water and water pump forever with this all-in-one, sealed solution including an air-compressor, water pump, and exhaust fan. This is compatible with Muse systems only.

Stk.	Mfr.	Price
<b>416172</b>	COOLBOXV2	<b>WEB</b>



### Muse Rotary Riser Combo

**Full Spectrum** Engrave round objects like bottles and glasses. The riser extends the z-height and maintains a class 4 laser status.

**Includes** rotary attachment and riser.

**Muse Hobby Laser sold separately.**

Stk.	Mfr.	Price
<b>416168</b>	MUSEROTRIS	<b>WEB</b>



### P-Series 20" x 12" CO2 Laser Cutter

**Full Spectrum** The next step in precision, power and performance. Designed for industry-scale production and heavy usage output. Features LCD touchscreen controls and a powerful, easy-to-use RetinaEngrave v3.0 laser control software. Innovations include a full design suite and compatibility with

Mac, PC or Linux. Motorized Z-table enables users to fit larger objects inside the work area. Accepts large sheets of material with pass-through door feature. Auto focus makes workflow faster and more precise. Mfr.'s 2-year warranty.

Engraving Area 20" x 12". Size 37" x 27.5" x 35.375". Weight: 198 lbs.

**Includes** 20" x 12" CO2 laser, industrial chiller, exhaust fan, air compressor, motorized z-table with auto-focus, honeycomb table, knife edge table and RetinaEngrave V3.

Stk.	Mfr.	Price
<b>416156</b>	P2012-45W	<b>WEB</b>



### P-Series 24" x 16" CO2 Laser Cutter

**Full Spectrum** The next step in precision, power and performance. Designed for industry-scale production and heavy usage output. Features LCD touchscreen controls and a powerful, easy-to-use RetinaEngrave v3.0 laser control software. Innovations include a full design suite and compatibility with

Mac, PC or Linux. Motorized Z-table enables users to fit larger objects inside the work area. Accepts large sheets of material with pass-through door feature. Auto focus makes workflow faster and more precise. Mfr.'s 2-year warranty.

Engraving Area 24" x 16". Size 56" x 31.5" x 36.5". Weight: 550 lbs.

**Includes** 24" x 16" CO2 laser, water chiller, exhaust fan, air compressor, motorized z-table with auto-focus, honeycomb table, knife edge table and RetinaEngrave V3.

Stk.	Mfr.	Price
<b>416157</b>	P2416	<b>WEB</b>



### Radiator Water Chiller

**Full Spectrum** Keeps the laser tube cool and is essential for repeatable professional cut and engraving quality. Recommended for non-temperature controlled environments for lasers 60W and over. Includes a radiator and integrated water pump.

Stk.	Mfr.	Price
<b>416162</b>	WC3	<b>WEB</b>



### 24" x 16" Friction Rotary Attachment

**Full Spectrum** Engrave bottles and round objects. For use with Full Spectrum P-Series 24 x 16 CO<sub>2</sub> Laser Cutter.

Stk.	Mfr.	Price
<b>416158</b>	ROTFRICSM	<b>WEB</b>



### Glowforge 3D Laser Printer Plus

**Glowforge** The Glowforge Plus has the power to bring your vision to life at the speed of light. The Plus offers upgraded components and a top engraving speed that's up to twice as

fast as the Glowforge Basic. Class I laser product; place near a window for ventilation.

Cutting area 11" x 19.5". Size 38" x 20.75" x 8.25".

Stk.	Mfr.	Price
<b>428001</b>	GF-ASM-00331	<b>WEB</b>



### Glowforge 3D Laser Printer Pro

**Glowforge** The Glowforge Pro is the ultimate option for schools. It prints truly enormous objects like furniture with the exclusive Pro Passthrough, allowing you to use infinitely long

materials. Upgraded solid-state cooling allows nonstop printing all day long. The powerful 45 watt laser cuts up to 20% faster, and the top engraving speed is up to 3X as fast as the Glowforge Basic. Class 4 laser product; place near a window for ventilation.

Cutting area 11" x unlimited. Size 38" x 20.75" x 8.25".

Stk.	Mfr.	Price
<b>428000</b>	GF-ASM-00292	<b>WEB</b>



### Glowforge Air Filter

**Glowforge** Safely reduce odors, fumes and smoke and return clean and filtered air into your classroom. Mobile unit with 4" hose connector.

Size: 16.14"L x 10.43"W x 16.92"H

Stk.	Mfr.	Price
<b>428010</b>	GF-ASM-00368	<b>WEB</b>

## LASER CUTTER FUME EXTRACTORS



### 4000 VOC Chem Portable Air Filtration System

**Amaircare** Ensure a safe and clean work environment with these high-quality air purification units. Allows for rigid or flexible ducting connection to configure targeted source capture of pollutants. High performance air flow at a low running cost, minimal drain on electricity resources with years of continuous performance.

115V, 125W. Air Flow 300 CFM. VS Switch. Size 16" HEX x 23"H. Weight 55 lbs.

**HEPA Filter Includes** standard washable foam prefilter, HEPA filter and bottom mounted casters.

Stk.	Mfr.	Price
<b>197010</b>	10-A-1KWG-06	<b>WEB</b>

**Ultra VOC Filter Includes** standard washable foam prefilter, ultra VOC canister and bottom mounted casters.

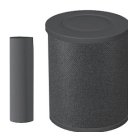
Stk.	Mfr.	Price
<b>197011</b>	10-A-1KWG-07	<b>WEB</b>



### 4000 VOC Chem HEPA Filter

**Amaircare** Stage 2 16" HEPA filter 4000 VOC Chem Air Filtration System.

Stk.	Mfr.	Price
<b>197013</b>	94-A-16WG-ET	<b>WEB</b>



### 4000 VOC Chem Ultra Kit

**Amaircare** For Amaircare Chem 4000 VOC Chem Air Filtration System.

**Includes** 1/8" foam pre-filter, carbon canister and replacement o-ring/gasket.

Stk.	Mfr.	Price
<b>197012</b>	94-A-1602-UL	<b>WEB</b>



### Airwash MultiPro Air Scrubber with HEPA Filter

**Amaircare** This is one machine, but it provides multiple air scrubbing solutions with heavy-duty features. With quick release latches,

it provides multi-functional innovation for particulate, VOC or combination. Perfect Seal® HEPA filter media for particulate filtration down to 0.3 microns. 12" inlet/outlet accommodates up to 800 cfm. Add up to 3 pre-filters for extended service life. Interlocking cabinet profile provides stability when stacking during transport or when daisy-chaining multiple units (up to 3). Air flow indicator alerts when filter change may be necessary.

115V, 2.6 Amps, 1PH. 250-800 cfm. Size 32"L x 19"W x 20"H. Weight 36 lbs. (without filters).

**Includes** air scrubber, HEPA cylinder and silicone o-ring.

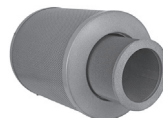
Stk.	Mfr.	Price
<b>197014</b>	24-A-1KPG-00	<b>WEB</b>



### Perfect Seal 14" HEPA Cartridge

**Amaircare** HEPA cartridge for the Airwash MultiPro Air Scrubber with a cylindrical design providing more surface area and longer filter life. 99.97% efficient at 0.3 microns for removal of dust, pollen, bacteria, dander, attached viruses, smoke radon progenies and more.

Stk.	Mfr.	Price
<b>197015</b>	90-A-14ME-ET	<b>WEB</b>



### VOC Canister

**Amaircare** This VOC canister containing 5 pounds of 100% activated carbon fits inside the HEPA filter yet is easily changeable. Gas molecules, including hazardous VOCs that become airborne when using solvents,

adhesives, coatings and many other kinds of compounds are removed. Fits Amaircare Airwash MultiPro Air Scrubber.

Stk.	Mfr.	Price
<b>197016</b>	94-A-1402-ET	<b>WEB</b>



### Nano Fume Extractor

**Bofa** The Nano fume extraction and filtration system has been designed to provide cost effective solutions for light to medium duty applications. This compact system is ideal for small scale industrial environments and light laser coding applications.

115V, 1PH. 223 cfm. 56 dBA. Size 14.2"W x 15.7"D x 29.2"H. Weight 88 lbs.

**Includes** pre-filter, combined filter and 4 casters.

Stk.	Mfr.	Price
<b>273050</b>	L2951A8200	<b>WEB</b>



### Nano Fume Extractor Hose Kit

**Bofa** For use with Nano Fume Extractor.

**Includes** 50mm flex hose, stay-put arm and clips.

Stk.	Mfr.	Price
<b>273015</b>	A1020279	<b>WEB</b>

### Nano Fume Extractor Filter

**Bofa** For use with Nano Fume Extractor.

Stk.	Mfr.	Item	Price
<b>273025</b>	A1030190	Pre-Filter	<b>WEB</b>
<b>273026</b>	A1030191	Combined Filter	<b>WEB</b>



### AD350 Fume Extractor

**Bofa** Fume extraction and filtration system has been designed to provide a cost-effective solution for light duty applications. This compact and extremely quiet system is ideal for use in schools, sign making workshops, small-scale industrial environments and light laser coding applications.

115-230V, 1PH, 223 cfm, 60dBA. Size 14.8"W x 14.8"D x 23.2"H. Weight 88 lbs.

**Includes** pre-filter and combined filter.

**Requires Hose Kit, sold separately.**

Stk.	Mfr.	Price
<b>416155</b>	L0542A	<b>WEB</b>



### AD350 Hose Kit

**Bofa** For use with BOFA AD350 Fume Extractor.

Stk.	Mfr.	Price
<b>273070</b>	SHK-AD350-4	<b>WEB</b>

### AD350 Fume Extractor Filter

**Bofa** For use with AD350 Fume Extractor.

Stk.	Mfr.	Item	Price
<b>273020</b>	A1030056	Pre-Filter	<b>WEB</b>
<b>273019</b>	A1030055	Combined Filter	<b>WEB</b>

## VINYL CUTTERS



### Explore® 3 Cutting Machine

**Cricut** The Explore 3 allows you to cut, draw, score, and more with jaw-dropping speed and precision. Compatible with Smart Materials for super-easy, super-long cuts up to 12' without a mat. Cut and embellish 100+ materials, including cardstock, vinyl, iron-on, glitter paper, cork and bonded fabric.

**Includes** blade, USB cable, power adapter, and practice material.

Stk.	Mfr.	Price
<b>292503</b>	2008337	<b>WEB</b>

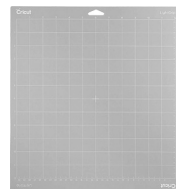


### Maker® 3 Cutting Machine

**Cricut** Unleash your creativity with the power, versatility and speed of Maker 3, the ultimate smart cutting machine. It cuts 300+ materials – from the most delicate fabric and paper to heavy chipboard, tooled leather, balsa wood, and more. Compatible with Smart Materials for super-long, super-precise cuts up to 12' without a mat.

**Includes** blade, USB cable, power adapter and practice cut material.

Stk.	Mfr.	Price
<b>292500</b>	2008334	<b>WEB</b>



### LightGrip Machine Mat

**Cricut** Perfect for standard paper, light cardstock, vellum, and more, this mat was carefully engineered for a wide range of lightweight materials. The re-usable mat holds your material in place as it's cut, and makes it easy to cleanly remove finished pieces once a cut is complete. For use with Maker® and Explore® cutting machines.

Stk.	Mfr.	Size	Qty.	Price
<b>292470</b>	2001976	12" x 12"	1	<b>WEB</b>



### Smart Vinyl™ Permanent

**Cricut** This vinyl has a matte finish and is weather-resistant. For use with Explore® 3 and Maker® 3.

**Not intended for food or mouth contact.**

Stk.	Mfr.	Color	Size	Price
<b>292515</b>	2008543	Black	13" x 21"	<b>WEB</b>



### Essential Tool Set

**Cricut** This 7-piece set comes with all the tools needed to slice, snip, score, weed, burnish, and trim a wide variety of materials. Perfect for vinyl, paper and iron-on projects. It's an essential companion for all Cricut cutting machines.

**Includes** portable trimmer, scoring stylus, spatula, weeder, scraper, scissors and tweezers.

Stk.	Mfr.	Price
<b>292490</b>	2008760	<b>WEB</b>



### Cricut Replacement Blades, 2-Pack

**Cricut** Ensure all projects look their best with these carbide steel replacement blades. Perfect for most light-to-medium weight materials such as cardstock, vinyl, iron-on, poster board, paper, faux leather and more. Students can design and cut vinyl and iron-on decals, greeting cards, decorative boxes, home decor and so much more.

**Requires Premium Fine-Point Blade Housing, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>292480</b>	2003534	2	<b>WEB</b>



### CAMM-1 Desktop Vinyl Cutter

**Roland DGA** Equipped with a completely redesigned cutting carriage and blade holder, the GS-24 offers great stability, up to 10x overlap cutting and down force of up to 350 grams so that you can cut like never before — even on thick, dense substrates. With the CutStudio you can quickly and easily output cut graphics, including resizing, repositioning, rotating, and

mirroring images. The GS-24 also cuts oversized images using an improved tiling function, and cuts true type fonts without the need for outlining.

Media width 2" - 27-1/2". Size: 33.5"W x 12.2"D x 9.17"H (40.75"H w/ stand). Weight: 29.77 lbs. (58 lbs. with stand).

**Includes** stand, AC adapter, power cord, blade, blade holder, roller base, alignment tool, USB cable, Roland DG CutStudio software and set up guide.

Stk.	Mfr.	Max. Cutting Area	Cutting Speed	Price
<b>769598</b>	GS-24	22.9"W x 984.25"L	19.69"/sec.	<b>WEB</b>

### Oracal® 651 Intermediate Vinyl

**Ordway** A high gloss, 2.5 mil, intermediate performance PVC film, with an outdoor durability of 5 years. It's ideal for die-cut and computer-cut systems. The 78# silicone-coated paper on one side has special release characteristics which provide excellent weeding and release values.

#### 12" x 30'

Stk.	Mfr.	Color	Price
<b>835880</b>	651-034-12	Orange	<b>WEB</b>
<b>835884</b>	651-021-12	Yellow	<b>WEB</b>
<b>835888</b>	651-010-12	White	<b>WEB</b>
<b>835892</b>	651-067-12	Blue	<b>WEB</b>
<b>835896</b>	651-061-12	Green	<b>WEB</b>
<b>835900</b>	651-031-12	Red	<b>WEB</b>
<b>835904</b>	651-312-12	Burgundy	<b>WEB</b>
<b>835908</b>	651-091-12	Gold	<b>WEB</b>
<b>835912</b>	651-070-12	Black	<b>WEB</b>

#### 15" x 30'

Stk.	Mfr.	Color	Price
<b>835881</b>	651-034-15	Orange	<b>WEB</b>
<b>835885</b>	651-021-15	Yellow	<b>WEB</b>
<b>835889</b>	651-010-15	White	<b>WEB</b>
<b>835893</b>	651-067-15	Blue	<b>WEB</b>
<b>835897</b>	651-061-15	Green	<b>WEB</b>
<b>835901</b>	651-031-15	Red	<b>WEB</b>
<b>835905</b>	651-312-15	Burgundy	<b>WEB</b>
<b>835909</b>	651-091-15	Gold	<b>WEB</b>
<b>835913</b>	651-070-15	Black	<b>WEB</b>

#### 24" x 30'

Stk.	Mfr.	Color	Price
<b>835882</b>	651-034-24	Orange	<b>WEB</b>
<b>835886</b>	651-021-24	Yellow	<b>WEB</b>
<b>835890</b>	651-010-24	White	<b>WEB</b>
<b>835894</b>	651-067-24	Blue	<b>WEB</b>
<b>835898</b>	651-061-24	Green	<b>WEB</b>
<b>835902</b>	651-031-24	Red	<b>WEB</b>
<b>835906</b>	651-312-24	Burgundy	<b>WEB</b>
<b>835910</b>	651-091-24	Gold	<b>WEB</b>
<b>835914</b>	651-070-24	Black	<b>WEB</b>

#### 8" x 30'

Stk.	Mfr.	Color	Price
<b>835883</b>	651-034-8	Orange	<b>WEB</b>
<b>835887</b>	651-021-8	Yellow	<b>WEB</b>
<b>835891</b>	651-010-8	White	<b>WEB</b>
<b>835895</b>	651-067-8	Blue	<b>WEB</b>
<b>835899</b>	651-061-8	Green	<b>WEB</b>
<b>835903</b>	651-031-8	Red	<b>WEB</b>
<b>835907</b>	651-312-8	Burgundy	<b>WEB</b>
<b>835911</b>	651-091-8	Gold	<b>WEB</b>
<b>835915</b>	651-070-8	Black	<b>WEB</b>

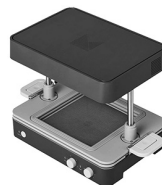


### Appli-Tape 4075

**MACTac** Standard-grade paper application tape. Releases clean & easy. High tolerance to humid environments. Excellent for plotter & thermal die cuts of all size decals.

Stk.	Mfr.	Size	Price
<b>835845</b>	4075-8	8" x 100 yds.	<b>WEB</b>
<b>835846</b>	4075-14	14" x 100 yds.	<b>WEB</b>

## PLASTICS



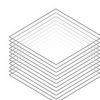
### Mayku FormBox Mold Maker

**Mayku** The FormBox turns your classroom into a creative powerhouse, giving students hands-on STEM learning and puts the power of making in the hands of your students. Small enough to fit on a desktop and simple enough for them to use without your help.

**Includes** Mayku FormBox, 20 transparent cast sheets, 20 white form sheets, 3 starter projects, 1 kilogram of casting material, mfr.'s 2-year extended warranty and universal vacuum adapter.

**Requires vacuum, sold separately.**

Stk.	Mfr.	Price
<b>528720</b>	FBA180112US	<b>WEB</b>



### Mayku FormBox Mold Maker Sheets

**Mayku** Transparent, 0.5mm sheets for making reusable molds. The slight flex and non-stick surface that the sheet provides ensures that your templates and casts can be removed with ease.

Stk.	Mfr.	Item	Qty.	Price
<b>528721</b>	MCA180100AA	0.5 Form	30	<b>WEB</b>
<b>528722</b>	MFA180100AA	0.5 Cast	30	<b>WEB</b>



### Therm-O-Vac Vacuum Former

**Nichols** Indispensable for fast, efficient 3D modeling, prototyping, packaging, fabricating and mold making. A safe and fascinating hands-on portable vacuum former for styrene plastic sheets over a variety of vacuum forming molds. User-friendly, open design allows cus-

tom molds to be exposed to reduced temperatures, greatly expanding materials to be used as molds or forms. To operate, simply mount a sheet of high impact polystyrene plastic in the pivoting latch-lock frame, lay pattern on the vacuum platen and cycle machine. Unobstructed vacuum surface allows rearranging and straightening of layout up to the final seconds before forming. Free-standing, self-contained unit compacts to suitcase size for storage. Set-up time is less than 90 seconds. A 3-way switch operates both plastic heating and vacuum forming sides of the unit.

110V. Tool weight 32 lbs.

**Includes** 12 asst. polystyrene sheets.

**Molds required, sold separately.**

Stk.	Mfr.	Price
<b>478241</b>	10-B	<b>WEB</b>





### Therm-O-Vacuum Former Mold

**Nichols** Vacuum Forming Mold for Therm-O-Vac Vacuum Former Mfr. 10-B.

Stk.	Mfr.	Item	Size	Price
<b>478242</b>	FM11	Horse Head	7-1/4" x 7-1/4"	<b>WEB</b>
<b>478243</b>	FM13B	Ship	6" x 7-1/2"	<b>WEB</b>
<b>478244</b>	FM14B	Duck	4" x 5"	<b>WEB</b>
<b>478245</b>	FM39	Moose Head	7" x 8"	<b>WEB</b>

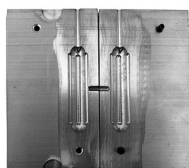


### Manual Injection Molder

**Crystal Alloy** A simple to use unit for demonstrating the process of hands on injection molding. Uses pellets of styrene, polyethylene or polypropylene to manufacture a wide variety of solid plastic objects.

**Includes** purge block, filler tool and manual.

Stk.	Mfr.	Volts	Capacity	Max. Temp.	Clamping Pressure	Price
<b>478240</b>	66M	110	2/3 oz.	550°F	2,500 lbs.	<b>WEB</b>



### Injection Molds

**Iasco** For use with Manual Injection Molder Mfr. 66M.

Stk.	Mfr.	Item	Price
<b>478251</b>	IAPCO NO.1	Screwdriver Handle	<b>WEB</b>
<b>478252</b>	IAPCO NO.2	Checker Game Piece	<b>WEB</b>
<b>478253</b>	IAPCO NO.9	Golf Tee	<b>WEB</b>
<b>478254</b>	IAPCO NO.16	CO2 Racer Front Wheel	<b>WEB</b>
<b>478255</b>	IAPCO NO.17	CO2 Racer Rear Wheel	<b>WEB</b>



### Laboratory Bench Ovens

**Quincy** Oven features double-wall construction, scratch-proof rubber feet, incoloy sheathed elements with automatic thermo control, pilot light heat indicator and mercury thermometer.

- Aluminized interior to inhibit corrosion due to moisture

- Euro-style controls & control panel
- Full-length piano type hinge
- 1" mineral wool insulation
- Positive door latch

115V, 1 phase. Temp. Range 428°.

**Includes** 6' cord w/plug & 2 adjustable shelves.

#### Model 10GC Interior oven 12"W x 10"D x 10"H.

Stk.	Mfr.	Item	Watts	Price
<b>686520</b>	10GC		600	<b>WEB</b>

#### Model 10GC

Stk.	Mfr.	Item	Watts	Price
<b>686522</b>	101-1000	Shelf		<b>WEB</b>
<b>686523</b>	101-1001	Supports, 2/pkg.		<b>WEB</b>

#### Model 30GC Interior oven 18"W x 12"D x 16"H.

Stk.	Mfr.	Item	Watts	Price
<b>686550</b>	30GC		1,200	<b>WEB</b>

#### Model 30GC

Stk.	Mfr.	Item	Watts	Price
<b>686552</b>	101-3000	Shelf		<b>WEB</b>
<b>686553</b>	101-3001	Supports, 2/pkg.		<b>WEB</b>



### Bench Ovens

**Quincy** Use for drying and baking finishes or for preheating, curing, dehydrating and many other processes.

- Fan-forced air circulation provides even work area temperature
- Incoloy-sheathed heating elements
- Fiberglass insulation for ultimate cleanliness & insulating quality
- Steel-lined interior is welded into 1 durable piece for long life
- Fully-gasketed doors maintain even temps throughout cabinet
- Adjustable damper control allows fresh air to enter back of cabinet to help control temperature when thermostat is not purchased
- Shelves are adjustable on 1-1/2" centers for a total of 11 possible shelf positions (unit is supplied w/2 shelves)
- Piano-type door hinges allow proper alignment & fit
- Calibrated dial type high-low heat switch for economical operation
- Silicone baked enamel finish is applied after completely cleaning metal w/ iron phosphate cleaner for firm paint bond

**Includes** 6' cord with plug.

**Model 21-250 Interior 25.5" x 19.75" x 24". Exterior 33" x 24" x 35.5". Cubic capacity 7'.**

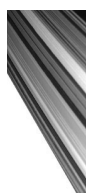
Stk.	Mfr.	Volts	Phase	Watts	Temp. Range	Price
<b>686532</b>	21-250	115	1	1,000	300°F	<b>WEB</b>

**Model 21-350 Interior 25.5" x 19.75" x 24". Exterior 33" x 24" x 35.5". Cubic capacity 7'.**

Stk.	Mfr.	Volts	Phase	Watts	Temp. Range	Price
<b>686534</b>	21-350	115	1	2,000	450°F	<b>WEB</b>

**Model 51-550 Interior 25.5" x 19.75" x 22.5". Exterior 33" x 24" x 35.5". Cubic capacity 6.60'.**

Stk.	Mfr.	Volts	Phase	Watts	Temp. Range	Price
<b>686570</b>	51-550	230	1	3,000	550°F	<b>WEB</b>



### Vacuum Sheet Pack

**Nichols** 65 high-quality virgin-grade, high-impact polystyrene sheets. Assorted colors and thickness from .020 to .060.

Size 14" x 20".

Stk.	Mfr.	Price
<b>478250</b>	VSP-20	<b>WEB</b>



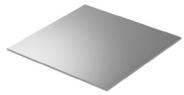
### Strip Heater

**Quincy** Black heat, low watt density, incoloy sheathed elements for heat source. Covers of heavy gauge steel, painted tan, hammer-baked on silicone enamel.

Stk.	Mfr.	Volts	Working Area	Price
<b>686525</b>	13-160	115	21"L x 7"W	<b>WEB</b>
<b>686540</b>	23-160	115	33"L x 7"W	<b>WEB</b>

### Replacement Element

Stk.	Mfr.	Volts	Working Area	Price
<b>686527</b>	1212-13		21"L x 7"W	<b>WEB</b>
<b>686542</b>	1212-23		33"L x 7"W	<b>WEB</b>



### Acrylic Sheets

**Midland** Durable, extruded translucent acrylic sheets may be cut, sawed, drilled, routed or cemented. Lightweight, high-impact performance and durability. Excellent weatherability, high optical quality, heat resistant, easily thermoformed, resists chipping and melting, excellent color consistency and uniformity.

Stk.	Mfr.	Size	Color	Price
<b>614950</b>	F2-1/8	1/8" x 12" x 24"	Clear	<b>WEB</b>
<b>614955</b>	F2-1/4	1/4" x 12" x 24"	Clear	<b>WEB</b>
<b>614960</b>	F2436-1/8	1/8" x 24" x 36"	Clear	<b>WEB</b>
<b>614961</b>	F2436-1/4	1/4" x 24" x 36"	Clear	<b>WEB</b>
<b>614952</b>	2447	1/8" x 12" x 24"	White	<b>WEB</b>
<b>614956</b>	2447	1/4" x 12" x 24"	White	<b>WEB</b>
<b>614948</b>	2119	1/8" x 12" x 24"	Orange	<b>WEB</b>
<b>614949</b>	2119	1/4" x 12" x 24"	Orange	<b>WEB</b>
<b>614951</b>	2283	1/8" x 12" x 24"	Red	<b>WEB</b>
<b>614958</b>	2283	1/4" x 12" x 24"	Red	<b>WEB</b>
<b>614954</b>	2050	1/8" x 12" x 24"	Blue	<b>WEB</b>
<b>614959</b>	2050	1/4" x 12" x 24"	Blue	<b>WEB</b>



### Acrylic Cutter

**Fletcher-Terry** Double-edged cutter with 2 tips for normal or extra-pressure scoring of acrylics. Plastic handle.

Stk.	Mfr.	Length	Price
<b>943250</b>	05-111C	9-1/2"	<b>WEB</b>



### Laminate J Roller

**Marshalltown** For use by plastic laminate installers. Recessed end permits rolling near backslashes, walls.

Stk.	Mfr.	Size	Price
<b>528347</b>	JR008	1-1/2" dia. x 3"W	<b>WEB</b>

### Heat Gun



**Metabo HPT** This variable temperature heat gun is ideal for stripping paint, softening and removing adhesives, heat shrinking packaging and much more. With 5 heat settings ranging from 8.8 CFM to 17.7 CFM, and a temperature range of 120-1,200° F, this tool has the power and control needed to tackle a vast range of projects.

Weight 1.74 lbs.

**Includes** 3 nozzles (glass protector, spreader, hook, concentrator), hand-held scraper and molded case.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
<b>616625</b>	RH650VM	1,500	17.7	1,200°F	<b>WEB</b>



### LCD Heat Gun

**DeWalt** LCD allows temperature adjustments within 50° increments. Features overload protection to shut down heating element (preventing burn up), ergonomic comfort grip, kickstand and hang ring. 3-yr. mfr.'s warranty.

120V, 13 Amps. Weight 2.3 lbs.

**Includes** 10' cord w/protector, cone & fishtail surface nozzles.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
<b>242852</b>	D26960	1,550	17.7 CFM	150° - 1,100°F	<b>WEB</b>



### 1500W Heat Gun

**Porter Cable** Variable temperature dial allows for easy adjustment of temperatures. Integrated support stand allows the gun to sit upright for hands free use. Hanging hook is ideal for storage. 6' high grade cord improves flexibility during cold use.

Weight 2 lbs.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
<b>626673</b>	PC1500HG	1,500	19 CFM	120° - 1,150°F	<b>WEB</b>



### Spirit of America Rocket Car

**ABS** The next level of land rocket cars. It's a larger, flashier version of the Land Speed Rocket Car. Launch outside in the parking lot. Please allow 400' - 500' for run depending on engine size.

**Launch system and supplies, engines, glue, paint and tools sold separately.**

Stk.	Mfr.	Recovery	L x Dia.	Engine	Price
<b>957974</b>	700277	14" chute	31.25" x 1.378"	B or C	<b>WEB</b>



### Phantom Display-Only Beginner Rocket

**Estes** Made with clear plastic parts, and only requiring 15 minutes of time and a bit of glue to assemble, the Phantom will easily become your go-to rocket for classroom rocket experiments, demonstrations and displays. For display only. Not a flying model.

**Includes** cutaway engine only.

**Requires scissors, pencil, ruler, fine sandpaper, carpenter's glue and plastic cement, sold separately.**

Stk.	Mfr.	L x Dia.	Qty.	Price
<b>402718</b>	1207	12.1" x .98"	1	<b>WEB</b>



### Create-Your-Own Tech-Pak™ Rocket

**Estes** Do you need a challenging rocket kit for your advanced or older students? Students build rockets from the ground up using this unique kit that's stocked with quality Estes' parts. They'll roll their own body tube and complete the rocket with reliable Estes components. In addition to the manufacturing

process, this kit allows students to experience a high degree of reliability and safety.

Recommended Engines: A8-3, 1/2A6-2, B4-4, B4-6, B6-4, B6-6, C6-5, C6-7.

**Includes** body tube form, gummed paper, 12" parachute, shock cord, engine hook, white card stock fins, launch lug, nose cone, engine tube, adapter ring and instructions.

**Requires Porta-Pad® II Launch Pad, Electron Beam Controller, glue, finishing supplies, engines, igniters and recovery wadding, sold separately.**

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402829</b>	2126	1,000'	15.1" x .976"	1	<b>WEB</b>



### Rocket Science Beginner Rocket Starter Set

**Estes** Build the "Rocket Science" model rocket, launch with one of the engines included and observe as a reaction occurs to make this rocket soar! Powered by standard model rocket engines this rocket can soar up to 1,100'.

**Includes** rocket, porta-pad II launch pad, electron beam launch controller, parachute, 3 engines (A8-3, B6-4, C6-5), 4 starters, 8 plugs, 12 squares of recovery wadding and altitude tracker.

**Requires 4 AA alkaline batteries, sold separately.**

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402805</b>	5302	1,100'	12.6" x .98"	1	<b>WEB</b>



### Alpha III Beginner Rocket

**Estes** With nothing more needed than glue, you can be on the flying field in no time at all! Using standard engines, the Alpha III soars to heights over 1,100 feet. Whether you're a first time rocketeer or a long time flier, this 12" rocket is a true classic that should be in every collection.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

**Includes** body tube, nose cone, 1-piece fin, decals and 12" parachute.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402725</b>	1256	1,100'	12.3" x .98"	1	<b>WEB</b>
<b>402769</b>	1751	1,100'	12.3" x .98"	12	<b>WEB</b>



### Alpha III Beginner Rocket with Launch Set

**Estes** Designed with beginners in mind. With all pre-colored rocket parts and easily applied self-stick decals, you're ready for liftoff in minutes. With nothing more needed than glue for this launch set, you can be on the flying field in no time at all!

Recommended Engines: A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

**Includes** body tube, plastic fins, 12" parachute, decals, nose cone, launch controller and launch pad.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402849</b>	1427	1,100'	12.3" x .98"	1	<b>WEB</b>



### AVG Beginner Rocket

**Estes** Combines rockets from 3 of our popular bulk packs providing teachers a variety of skill levels and rockets for the classroom in a single pack.

**Includes** 4 each of Alpha, Generic and Viking rockets.

Stk.	Mfr.	Qty.	Price
<b>402710</b>	1753	1 Kit	<b>WEB</b>



### Star Hopper™ Beginner Rocket Starter Set

**Estes** A no-glue, no-paint, snap-together kit that anyone can build and launch in the same day. This kit not only looks great but is built to survive the roughest landings. With the twist-on engine retainer for fast engine loading, and a relatively wide body tube for easy ejection wadding and streamer packing, you'll have your rocket ready to launch in no time!

Recommended Engines: 1/2A3-4T, A3-4T, A10-3T.

**Requires 4 AA batteries, Estes Porta-Pad II Launch Pad and Electron Beam Launch Controller, engines, starters and recovery wadding, sold separately.**

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402706</b>	1721	400'	7.4" x .74"	1	<b>WEB</b>
<b>402844</b>	7303	400'	7.4" x .74"	12	<b>WEB</b>



### Generic Beginner Rocket

**Estes** Unleash your students' creativity! How more generic can you get than an all white rocket! A super easy-to-assemble rocket with no paint, no fuss, no muss! This Plain Jane rocket comes with a shiny silver-backed decal sheet for your students to custom decorate their own special rocket.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

**Includes** body tube, plastic fin unit/engine mount, nose cone, 12" parachute and decals.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402708</b>	1764	1,100'	15" x .98"	12	<b>WEB</b>



### Gnome Beginner Rocket

**Estes** Features a single piece, chrome wrapped body tube, a bright blue precolored 1-piece fin unit, nose cone and upper launch lug ring. The rocket takes about 30 minutes to build and is finished off with a colorful, easy to apply self-stick decal.

Recommended Engines: 1/2A3-2T, 1/2A3-4T, A3-4T, A10-3T.

**Includes** body tube, 1-piece fin, nose cone, decal and streamer.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402702</b>	0886	800'	10.30" x .54"	1	<b>WEB</b>
<b>402762</b>	1749	800'	10.30" x .54"	12	<b>WEB</b>



### Green Eggs Intermediate Rockets

**Estes** Test payload theories while creating an 'egg-static' rocket launching experience. A crowd-pleasing STEM activity kit for launch parties and science projects, the Green Eggs bulk pack comes with 12 rockets, each with its own set of instructions. The rocket has a plastic payload section to carry a single egg.

Recommended Engines with egg: C11-3, C11-5, D12-5.

Without egg: C11-5, D12-5, D12-7.

**Includes** body tube, balsa wood fins, nose cone, 12" parachute and decals.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402707</b>	1718	825'	23.6" x 1.8"	12	<b>WEB</b>



### Taser Beginner Rocket with Launch Set

**Estes** Kit features a brightly colored one piece body tube, molded plastic fin set and bullet shaped nose cone. Simply glue a few rocket pieces together, apply the colorful self-stick decals and in less than an hour you'll be ready for the launch pad!

Recommended Engines: A8-3, B4-4, B6-4, B6-6, C6-5, C6-7.

**Includes** body tube, nose cone, plastic fins, decals, 12" parachute, launch controller and launch pad.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402897</b>	1491	1,000'	16.5" x .98"	1	<b>WEB</b>



### Viking™ Intermediate Rocket

**Estes** Rocket can be built with three, four or five fins in 48 possible arrangements. Students can hypothesize how their fin arrangement will affect the rocket's flight then put it to the test by launching it. The perfect, low cost rocket for slim budgets and perfect to use for comparison studies in aerodynamics.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

**Includes** body tube, nose cone, die cut card stock fins, decals and streamer.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402776</b>	1949	1,600'	12.1" x .74"	1	<b>WEB</b>
<b>402771</b>	1755	1,600'	12.1" x .74"	12	<b>WEB</b>



### UP Aerospace SpaceLoft Beginner Rocket

**Estes** Build and launch a REAL rocket with your students! The SpaceLoft is the first private rocket to launch at New Mexico's Spaceport America. The 1-piece fin unit and precolored body tube make this rocket easy to build. It is a mini engine rocket that launches with a standard Estes Porta-Pad II Launch Pad and Electron Beam Controller, sold separately. No paint or special tools needed.

Recommended Engines: 1/2A3-2T, 1/2A3-4T, A3-4T, A10-3T.

**Includes** body tube, plastic fin, nose cone, streamer, decals and lesson guide.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402848</b>	1793	800'	12.5" x .54"	12	<b>WEB</b>



### Wizard™ Intermediate Rocket

**Estes** This Wizard conjures up magical, high-flying flights time after time and is a great rocket for wind drift studies and other flight competitions. It's the perfect high altitude rocket for beginners that need more of a building challenge.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

**Includes** body tube, nose cone, laser cut wood fins, decals and streamer.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402728</b>	1292	1,600'	12" x .74"	1	<b>WEB</b>
<b>402770</b>	1754	1,600'	12" x .74"	12	<b>WEB</b>



### Alpha Intermediate Rocket

**Estes** Ideal for illustrating basic rocket stability principles. Besides having an aerodynamic design, it is a very reliable launcher that can use a wide variety of engines. When your students build the Awesome Alpha, they will acquire many new modeling skills and experience teamwork and safety at the launch field.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5 or C6-7.

**Includes** body tube, balsa wood fins, nose cone, engine mount, 12" parachute and decals.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402720</b>	1225	1,000'	12.3" x .98"	1	<b>WEB</b>
<b>402772</b>	1756	1,000'	12.3" x .98"	12	<b>WEB</b>



### Yankee™ Intermediate Rocket

**Estes** The patriotic Yankee is a super performance model with a one-of-a-kind shaped nose cone. The aerodynamic nose cone gives this patriot the extra push it needs to fly way above the average rocket its size.

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7.

**Includes** 1-piece body tube, laser cut wood fins, nose cone, decals and streamer.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402733</b>	1381	1,850'	11" x .74"	1	<b>WEB</b>



### Big Bertha™ Intermediate Rocket

**Estes** The Big Bertha gives you a slow, realistic liftoff. What a thrill it is to watch! Propelled by powerful standard engines, this beauty travels to 500' and comes back to earth with a decorated 18" parachute.

Recommended Engines: B4-2, B4-4, B6-2, B6-4, C6-5.

**Includes** body tube, laser cut wood fins, plastic nose cone, 18" parachute and decals.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402775</b>	1948	500'	24" x 1.64"	1	<b>WEB</b>



### Crossbow SST™ Advanced Rocket

**Estes** Launch with an Estes C6-5 engine, the Crossbow SST can reach awesome heights of 1,600'. Modeled after the Satellite Interceptor, this rocket is impressive and powerful.

Recommended Engines A8-3, B6-4, C6-5.

**Includes** body tube, nose cone, laser cut wood fins and decals.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402845</b>	7234	1,600'	15" x .74"	1	<b>WEB</b>





### Bull Pup 12D Advanced Rocket

**Estes** The Bull Pup 12D is a highly detailed version of the USAF AGM-12D Bull Pup air to ground missile. This is a great kit to develop your scale model building skills.

Recommended Engines: A8-3, B4-4, B6-4, C6-5.

**Includes** body tube, molded plastic tail, nose cone, laser cut wood fins, decals and 12" parachute.

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402797</b>	7000	675'	15.6" x 1.33"	1	<b>WEB</b>



### Black Brant II Advanced Rocket

**Estes** Fun to build and exhilarating to fly, this rocket is one of the highest flying model rockets in the Estes scale collection. Standing nearly 25" tall, this impressive rocket is loaded with scale details. Finish it with detailed wood slide decals and an 18" parachute for gentle recoveries.

**Includes** body tube, nose cone, laser cut wood fins, decals and parachute.

**Requires Porta-Pad II Launch Pad, Launch Rod, E Launch Controller, engines, starters and recovery wadding (sold separately).**

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402846</b>	7243	1,300'	25" x 1.33"	1	<b>WEB</b>



### Multi-Roc™ Rocket

**Estes** The Multi-Roc is a 2-stage rocket that also features a glider recovery! This rocket has a useful payload section, a 5.8" wing span parasitic glider and when combined with the booster and upper stage, this sport rocket can yield 6 different and unique launching experiences.

Recommended Engines: B4-4, B6-0, B6-4, B6-6, C6-0, C6-5, C6-7, C11-0, D12-0.

**Includes** body tube, nose cone, laser cut wood fins, decals, dual streamer and tumble recovery.

**Requires finishing supplies, paint, glue, launch system, engines, starters and recovery wadding, sold separately.**

Stk.	Mfr.	Altitude	L x Dia.	Qty.	Price
<b>402732</b>	1329	1,200'	23" x .98"	1	<b>WEB</b>

## ROCKET SUPPLIES



### Engines

**Estes**

#### Mini Single Stage (13 mm)

Stk.	Mfr.	Type	Engines	Igniters	Plugs	Price
<b>402742</b>	1503	1/2A3-2T	4	4	4	<b>WEB</b>

#### Standard Single Stage (18 mm)

Stk.	Mfr.	Type	Engines	Igniters	Plugs	Price
<b>402747</b>	1598	A8-3	3	3	4	<b>WEB</b>
<b>402749</b>	1602	B4-4	3	3	4	<b>WEB</b>
<b>402754</b>	1606	B6-4	3	3	4	<b>WEB</b>
<b>402758</b>	1613	C6-3	3	3	4	<b>WEB</b>
<b>402759</b>	1614	C6-5	3	3	4	<b>WEB</b>

#### Standard Upper Stage (18 mm)

Stk.	Mfr.	Type	Engines	Igniters	Plugs	Price
<b>402760</b>	1615	C6-7	3	3	4	<b>WEB</b>

#### Mighty "D" (24 mm)

Stk.	Mfr.	Type	Engines	Igniters	Plugs	Price
<b>402781</b>	1566	D12-3	2	2	4	<b>WEB</b>
<b>402782</b>	1567	D12-5	2	2	4	<b>WEB</b>



### Engine Bulk Packs

**Estes**

**Includes** 24 engines, 24 reusable igniter plugs, 30 igniters & 75 squares of recovery wadding.

Stk.	Mfr.	Type	Price
<b>402840</b>	1788	1/2A3-4T	<b>WEB</b>
<b>402751</b>	1781	A8-3	<b>WEB</b>
<b>402741</b>	1783	B6-4	<b>WEB</b>
<b>402833</b>	1789	C6-5	<b>WEB</b>



### Electron Beam® Launch Controller

**Estes Includes** safety key & 17' of cable.

**Use only with Estes igniters. Requires 4 AA alkaline batteries, sold separately.**

Stk.	Mfr.	Price
<b>402783</b>	2220	<b>WEB</b>



### E Launch Controller

**Estes** E Launch Controller is a must when launching "E" engine powered rockets but can be used to launch all Estes engines. For ages 10+.

**Includes** safety key and 30' cable.

**Requires 4 AA alkaline batteries, sold separately.**

Stk.	Mfr.	Price
<b>402730</b>	2230	<b>WEB</b>



### Mini AltiTrak™ Altitude Tracker

**Estes** These small, easy to transport altitude trackers allow students to track flight data, analyze and graph! It uses a gravity protractor to present the angle from the body to the apogee of the rocket flight.

Stk.	Mfr.	Qty.	Price
<b>402786</b>	2226	3	<b>WEB</b>



### AltiTrak™ Altitude Finder

**Estes** Track rocket to top of flight and lock in its altitude. Displays exact model rocket altitude on metric scale and elevation angle in degrees (conversion table included for feet). Precision instrument of durable plastic is easy to assemble.

Stk.	Mfr.	Price
<b>402787</b>	2232	<b>WEB</b>

### Altimeter



**Elenco** The fully-assembled altimeter has a 4-digit LCD read out and displays in English or metric units. Accurately measures model rocket launch altitudes from 0 – 9,999' and can store up to 10 consecutive flights. For ages 10+.

**Includes** battery.

Stk.	Mfr.	Price
<b>402788</b>	2246	<b>WEB</b>



## Parachute

**Estes**

**Includes** preassembled 18" parachute.

Stk.	Mfr.	Price
<b>402880</b>	302267	<b>WEB</b>



## StarTech™ Starters

**Estes** Never misfire again! The starter's nichrome wire, the one that heats the propellant at launch, has been dipped in a chemical compound that reacts with the heat of the wire to create a large burst of heat and pressure that ensures ignition.

Stk.	Mfr.	Qty.	Price
<b>402804</b>	2303	6	<b>WEB</b>



## Blast-Off® Flight Pak

**Estes**

**Includes** 24 model rocket engines, 6 each A8-3, B6-4, C6-5 & C6-7, plus 75 sheets of recovery wadding and 30 igniters.

Stk.	Mfr.	Price
<b>402766</b>	1672	<b>WEB</b>



## Porta-Pad® II Launch Pad

**Estes** Quick assembly, no glue or tools required!

**Includes** blast deflector and standoff, 2-piece 1/8", launch rod, safety cap and key.

**Porta-Pad II can accommodate a 3/16" Maxi launch rod, sold separately.**

Stk.	Mfr.	Price
<b>402780</b>	2215	<b>WEB</b>



## Porta-Pad® II Launch Pad and Electron Beam® Launch Controller

**Estes** For launching all mini, standard (A-C) and D-powered rockets. Launch direction may be adjusted 30° from vertical and can accommodate a 3/16" Maxi Launch Rod (sold separately). Comes fully assembled, with 17' of cable.

**Includes** blast deflector, standoff stem, 2-piece 1/8" launch rod and launch rod cap.

**Requires 4 AA alkaline batteries, sold separately.**

Stk.	Mfr.	Price
<b>402785</b>	2222	<b>WEB</b>



## Maxi™ Launch Rod

**Estes** 3/16" dia. 2-piece launch rod is necessary for larger rockets that are powered by C11, D & E Engines.

Stk.	Mfr.	Price
<b>402798</b>	2244	<b>WEB</b>

## DRONES



### 5-In-1 Buildable Drone W/Camera

**Thames & Kosmos** Teach students about drone flight, robotics and photography with this innovative engineering kit. Children will learn how to build a high-tech flying camera drone and four other camera-enabled robotic models. These robots can be controlled using the remote control interface or writing programs with the visual programming language, both in the app. Ages: 8+

**Includes** camera, 4 electric motors, central controller unit, 100 building pieces and lithium battery.

Stk.	Mfr.	Price
<b>893721</b>	620379	<b>WEB</b>



### Tello Boost Combo Drone

**DJI** Flying Tello couldn't be easier! Just pull out your phone to fly anytime or anywhere with intuitive controls. Tello's lightweight, yet durable design combined with software and hardware protections make it so you can always fly with

confidence. Records high-quality images and video, transmits 720P HD with 2 antennas and is VR headset compatible.

**Includes** drone, 4 propellers, propeller guards, 3 batteries, charging hub, micro USB cable and propeller removal tool.

Stk.	Mfr.	Price
<b>512515</b>	CP.TL.00000014.01	<b>WEB</b>



### Tello EDU Drone

**DJI** Tello EDU is an impressive and programmable drone perfect for education. Write code to command multiple Tello EDUs to fly in a swarm, and develop amazing AI functions. You can easily learn programming languages such as Scratch, Python, and Swift.

**Includes** drone, 4 propellers, propeller guard set, batter, micro USB cable, propeller removal tool and 4 mission pads.

Stk.	Mfr.	Type	Price
<b>512516</b>	CP.TL.00000026.02	Drone	<b>WEB</b>
<b>512518</b>	CP.PT.00000213.01	3.8V Battery Pack	<b>WEB</b>

## AIRPLANES & GLIDERS



### Ultralight Airplane Kit

**Thames & Kosmos** Construct awesome flying gliders with ultralight plastic and bamboo parts. Build 5 different types of planes with different wing configurations to learn how wings provide lift and how planes stay up in the air. For ages 8+.

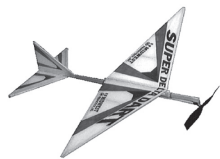
Stk.	Mfr.	Price
<b>893698</b>	550014	<b>WEB</b>



### Star Gliders

**Midwest Products** Economical first step in aviation science. Recommended for elementary and middle school students.

Stk.	Mfr.	Qty.	Price
<b>536327</b>	505	35	<b>WEB</b>



### Super Delta Dart

**Midwest Products** This model plane is a larger version of the popular Delta Dart, featuring removable/adjustable wing which allows students to experiment with different wing positions, large 21-1/2" wingspan with 15-1/8" length, thicker

balsa wood framing strips improve durability. Construction manual helps students achieve better results. Considered "next step" after Delta Dart. For grades 4-12.

Stk.	Mfr.	Qty.	Price
<b>536332</b>	509	24	<b>WEB</b>



### Flip Glider

**Midwest Products** Features wing tip dihedral for stability and an airfoil that students sand to shape for optimal lift. Includes the Teaching With Model Airplanes guide. Great for middle school and high school students.

Stk.	Mfr.	Qty.	Price
<b>536324</b>	502	35	<b>WEB</b>



### The Wright Bat

**Midwest Products** Experience flight inspiration with a model of the Wright Brothers' flying toy helicopter. This rubber band powered helicopter flies indoors or outdoors, assembles in minutes and requires no cutting or gluing. For ages 8+.

**Includes** sails, propeller, center support, rubber bands and instructions.

Stk.	Mfr.	Qty.	Price
<b>536444</b>	52202	1	<b>WEB</b>



### Tech Glider System Pack

**Midwest Products** Students create their own competition-ready gliders. The 24-student class pack has everything needed to construct a plane

that complies with the Flight Challenge National Catapult Glider Competition. Outlines lead students through the engineering, construction and test flying of their own gliders. Comprehensive teacher's manual offers advanced aviation concepts. Specially-weighted, correctly-sized select balsa wood blanks are supplied. For grades 6 - 12.

**Catapult Kit sold separately.**

**Primary Pack Includes** one teacher's manual and 24 kits (fuselage, tail assembly, wings, clay ballast, graph paper and designer outlines).

Stk.	Mfr.	Price
<b>536535</b>	7150	<b>WEB</b>

**Consumable Pack Includes** 24 kits (fuselage, tail assembly, wings, clay ballast, graph paper and designer outlines).

Stk.	Mfr.	Price
<b>536536</b>	7151	<b>WEB</b>



### Tech Glider Catapult Kit

**Midwest Products** Tech Glider Catapult Kit for Tech Glider System Primary Pack.

**Includes** 1 contest-legal catapult kit constructed of basswood with rubber strip launch elastic.

**Finished Catapult Kit shown with Tech Glider, sold separately.**

Stk.	Mfr.	Price
<b>536537</b>	7152	<b>WEB</b>

## GLIDER ACCESSORIES



### Non-Toxic Cement Adhesive for Plastics

**Testors** Fast drying general purpose glue. Use for polystyrene and ABS plastic. Recommended for ages 8+.

Stk.	Mfr.	Size	Price
<b>963941</b>	3521X	5/8 oz.	<b>WEB</b>



### Tacky Formula Modeling Glue

**Midwest Products** Flows easier from bottle for no waste. White glue is nontoxic and has no objectionable odors. For aviation, structures and transportation models.

Stk.	Mfr.	Size	Qty.	Price
<b>536310</b>	362	1 oz.	24	<b>WEB</b>



### Scotch® Tacky Glue

**3M Scotch** No-run formula to reduce mess and ensure the glue stays in place. Permanent adhesive dries quickly and won't wrinkle or bleed through papers.

Stk.	Mfr.	Size	Price
<b>590267</b>	6052-B	4 oz.	<b>WEB</b>



### All Purpose School Glue Sticks

**Elmer's** Easy-to-use glue offers smooth application and water cleanup. Goes on and dries clear. Non-toxic.

Stk.	Mfr.	Size	Qty.	Price
<b>257741</b>	E512	0.21 oz.	2	<b>WEB</b>
<b>257630</b>	E556	0.24 oz.	30	<b>WEB</b>
<b>257627</b>	E501	0.24 oz.	60	<b>WEB</b>



### Scotch® Mega Glue Stick

**3M** Strong, fast-bonding, and no mess. Purple is easy to see when applied, but dries clear. Great for paper, fabrics, and other light-weight items. Non-toxic and acid free.

Stk.	Mfr.	Size	Price
<b>590407</b>	6108-MEGA	1.41 oz.	<b>WEB</b>

## DRAGSTERS



### CO<sub>2</sub> Dragster Individual Kit

**ABS** Each student will design, shape, assemble and finish off his or her own Land Speed Record Assault Vehicle (LSRAV) dragster. After performance testing and adjustments are made, the dragster will be ready to race. Kit includes a storage box for use during construction and after

the dragster has been completed. The detailed design processes/guidance book is for both metric and non-metric dragsters. Requires coping saw, drill, 3/16" drill bit, wood rasp or file, ruler, masking tape, scissors, 2 rubber bands and paint, sold separately.

**Includes** 12" pre-drilled balsa wood body blank, 8 gram CO<sub>2</sub> cartridge, 4 axle washers, 4 plastic wheels, 2 steel axles, 4" x 4" sandpaper, 11" x 17" graph paper, 2 screw eyes, 2 plastic straws, Design guide (LSRAV/metric) and storage box.

**Image shown without Styrofoam blank.**

Stk.	Mfr.	Type	Qty.	Price
<b>957933</b>	711006	Basswood	1	<b>WEB</b>
<b>957934</b>	721008	Balsa Wood	1	<b>WEB</b>
<b>957902</b>	711005	Basswood w/1 Styrofoam Blank	1	<b>WEB</b>
<b>957903</b>	721007	Balsa Wood w/1 Styrofoam Blank	1	<b>WEB</b>



### CO<sub>2</sub> Dragster 50 Kit Class Pack

**ABS** Each student will design, shape, assemble and finish off his or her own Land Speed Record Assault Vehicle (LSRAV) dragster. After performance testing and adjustments are made, the dragster will be ready to race. Kit includes a storage box for use during

construction and after the dragster has been completed. The detailed design processes/guidance book is for both metric and non-metric dragsters.

**Includes** (50) 12" Styrofoam® body blanks, (50) 12" pre-drilled basswood body blanks, (50) 8 gram CO<sub>2</sub> cartridges, (200) axle washers, (200) plastic wheels, (100) steel axles, (50) 4" x 4" sandpaper sheets, (50) 11" x 17" graph paper sheets, (100) screw eyes, (50) 8" plastic straws and (50) design guides (LSRAV/metric).

**Requires Styrofoam® cutter or coping saw, drill, 3/16" drill bit, wood rasp or file, ruler, masking tape, scissors, 2 rubber bands and paint, sold separately.**

Stk.	Mfr.	Type	Qty.	Price
<b>957915</b>	780254	Basswood	50	<b>WEB</b>
<b>957916</b>	780256	Balsa Wood	50	<b>WEB</b>
<b>957935</b>	780254-WB	Basswood w/50 Storage Boxes	50	<b>WEB</b>
<b>957936</b>	780256-WB	Balsa Wood w/50 Storage Boxes	50	<b>WEB</b>

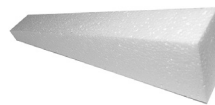


### Dragster Mega Packs

**ABS** Mega Packs provide your classroom with everything needed for 50 students to finish their dragsters in style.

**Includes** 50 complete dragster kits. Each kit includes 12" Balsa blank pre-drilled for CO<sub>2</sub> cartridge, 2 front and rear spoke wheels, CO<sub>2</sub> cartridge, 4 axle washers, styrofoam blank, 2 steel axles, 2 screw eyes, sandpaper, graph paper, individual kit box and instructions.

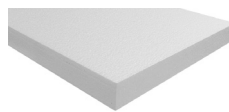
Stk.	Mfr.	Type	Qty.	Price
<b>957931</b>	780258	Basswood	1 Kit	<b>WEB</b>
<b>957932</b>	780259	Balsa Wood	1 Kit	<b>WEB</b>



### Styrofoam® Body Blank

**ABS** An affordable solution that allows students to design, prototype, shape and assemble a mock-up of their dragster before cutting a wooden blank. White.

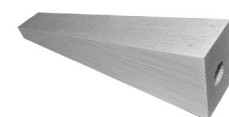
Stk.	Mfr.	Size	Qty.	Price
<b>478204</b>	711017	12" x 1-1/2" x 2-3/4"	1	<b>WEB</b>



### Styrofoam® Sheet

**ABS** White.

Stk.	Mfr.	Size	Qty.	Price
<b>957897</b>	711018	12" x 18" x 1-5/8"	1	<b>WEB</b>



### Wood Body Blank

**ABS** High quality dragster blank pre-drilled for CO<sub>2</sub> cartridge.

Size: 12" x 1-5/8" x 2-3/4"

Stk.	Mfr.	Type	Qty.	Price
<b>478205</b>	721015	Balsa Wood	1	<b>WEB</b>
<b>478207</b>	711013	Basswood, Economy	1	<b>WEB</b>



### CO<sub>2</sub> Cartridge w/Safety Weld Closure

**Leland** Universal fit, 8 gram charge cartridge w/safety weld closure. Made to exacting specifications.

Stk.	Mfr.	Qty.	Price
<b>957923</b>	30404	1	<b>WEB</b>



### CO<sub>2</sub> Cartridge w/Safe-sealing Puncture Cap

**Leland** 8-gram charge cartridge fitted w/

safe-sealing puncture cap that releases the CO<sub>2</sub> in the event that the cartridge is overheated. Especially important when around children. Universal fit. 99.5% purity.

Stk.	Mfr.	Qty.	Price
<b>957924</b>	40105	1	<b>WEB</b>



### Wheel Kit

**ABS** Students can finish off their own Land Speed Record Assault Vehicle (LSRAV) dragster with style. These quality plastic 5-spoke wheels are designed for speed, looks and performance. They are made of durable polypropylene, constructed in one piece and allow for an 1/8" diameter axle.

**Includes** 2 front wheels, 2 back wheels, 4 axle washers, 2 steel axles, 2 screw eyes and 2 straws (1/8").

**Body blank and CO<sub>2</sub> cartridge required, sold separately.**

Stk.	Mfr.	Color	Qty.	Price
<b>478214</b>	700188	Black	1 Kit	<b>WEB</b>





### Wheel Kit with CO<sub>2</sub> Cartridge

**ABS** Students can finish off their own Land Speed Record Assault Vehicle (LSRAV) dragster with style. These quality plastic 5-spoke wheels are designed for speed, looks and performance. They are made of durable polypropylene, constructed in one piece and allow

for an 1/8" diameter axle. 8-gram charge cartridge fitted with safe-sealing puncture cap that releases the CO<sub>2</sub> in the event that the cartridge is over-heated. Especially important for use around children. Universal fit. 99.5% purity.

**Includes** 1 CO<sub>2</sub> cartridge (8 gram), 2 front wheels, 2 back wheels, 4 axle washers, 2 steel axles, 2 screw eyes and 2 straws (1/8").

**Body blank required, sold separately.**

Stk.	Mfr.	Color	Qty.	Price
<b>478203</b>	721061	Black	1 Kit	<b>WEB</b>
<b>957942</b>	731013	Red	1 Kit	<b>WEB</b>
<b>957943</b>	731014	Blue	1 Kit	<b>WEB</b>
<b>957944</b>	731015	Green	1 Kit	<b>WEB</b>
<b>957945</b>	731016	Pink	1 Kit	<b>WEB</b>
<b>957946</b>	731017	Yellow	1 Kit	<b>WEB</b>
<b>957947</b>	731018	Orange	1 Kit	<b>WEB</b>



### Front Dragster Wheels

**ABS** Quality plastic 5-spoke wheels are designed for speed, looks and performance. Made of durable polypropylene, constructed in one-piece and allow for an 1/8" diameter axle.

Stk.	Mfr.	Color	Qty.	Price
<b>478216</b>	721020	Black	100	<b>WEB</b>
<b>957917</b>	721023	Neon Orange	100	<b>WEB</b>
<b>957919</b>	721021	Neon Yellow	100	<b>WEB</b>
<b>957921</b>	721024	Neon Pink	100	<b>WEB</b>



### Rear Dragster Wheels

**ABS** Quality plastic 5-spoke wheels are designed for speed, looks and performance. They are made of durable polypropylene, constructed in one-piece and allow for an 1/8" diameter axle.

Stk.	Mfr.	Color	Qty.	Price
<b>478218</b>	721025	Black	100	<b>WEB</b>
<b>957918</b>	721028	Neon Orange	100	<b>WEB</b>
<b>957920</b>	721026	Neon Yellow	100	<b>WEB</b>
<b>957922</b>	721029	Neon Pink	100	<b>WEB</b>



### Washers

**ABS**

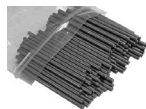
Stk.	Mfr.	Qty.	Price
<b>478211</b>	721042	100	<b>WEB</b>



### Screw Eyes

**ABS**

Stk.	Mfr.	Qty.	Price
<b>478212</b>	721041	100	<b>WEB</b>



### Dragster Axles

**ABS**

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>957908</b>	721040	1/8" x 2-1/2"	100	<b>WEB</b>



### 1/8" Dia. Straws

**ABS** Used as axle bearings for dragsters or for building model bridges.

Stk.	Mfr.	Size	Qty.	Price
<b>478215</b>	721043	1/8" dia. x 8"L	500	<b>WEB</b>



### Dragster Paint Stand

**ABS** Solid plastic stand has an expired CO<sub>2</sub> cartridge fixed to a thumb screw so dragsters can be attached & rotated for painting w/out being touched. Cleans easily.

Stk.	Mfr.	Price
<b>957905</b>	731050	<b>WEB</b>



### Extra Fine Graphite Lubricant

**AGS** Fine dry powdered lubricant for locks, hinges, tools, bicycles & more.

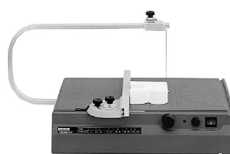
Stk.	Mfr.	Size	Price
<b>942897</b>	MZ-5	32 grams	<b>WEB</b>



### Advanced Dry Lube Spray with Teflon™

**Blaster Chemical** Blaster Dry Lube is aerosol formulated with Teflon™ Fluoropolymer, which helps reduce friction and wear, protect surfaces and enhance performance. Use it on locks and catches, hinges, cables, window and door tracks, rope and conveyor belts.

Stk.	Mfr.	Size	Price
<b>943499</b>	16-TDL	9.3 oz. Aerosol	<b>WEB</b>



### Hot Wire Thermocut Styrofoam/Polystyrene Cutter

**Proxxon** Easily cut Styrofoam®, Polystyrene & thermoplastic materials freehand or w/stencils. Makes a combination of straight, tight curves & smooth cuts. Large aluminum table w/printed

grid, protractor & miter gauge ensures fast, accurate cuts. LED indicates operation & helps prevent burns. Adjustable cutting wire temperature heats to maximum in under 1 second.

Max. cut 5-1/2"H. Throat 13-3/4". Wire temp. 210°-390°. 110V. Table 15-11/32"L x 11"W. Weight 6.6 lbs.

Stk.	Mfr.	Price
<b>303000</b>	37080	<b>WEB</b>

### Thermocut Replacement Wire

**Proxxon** 98' spool.

Stk.	Mfr.	Price
<b>303001</b>	28080	<b>WEB</b>



### Thermocut Styrofoam Cutter

**Proxxon** For freehand cutting and construction in thick Styrofoam w/out crumbling. Stable frame w/pivotal fixture at the top & extendable lower wire fixture. Shape wire as desired. Variable temperature control heats up in 1 second. 2-yr. mfr.'s warranty.

Max cut 5-3/4"H. Throat 7.9".

Wire temp. 300°-600°. 12V. Size 12-3/4"L x 6-3/4"W. Weight 1 lb.

**Includes** 5 shapeable cutting wires (20 ga., 11.4"L).

**Requires Micromot AC adapter, sold separately.**

Stk.	Mfr.	Price
<b>303010</b>	27082	<b>WEB</b>



### Micromot AC Adapter

**Proxxon** For use with Thermocut Mfr. 27082 & Engraver Mfr. 28592.

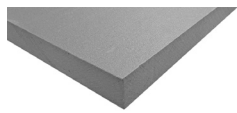
Stk.	Mfr.	Price
<b>303012</b>	38706	<b>WEB</b>



### Thermocut Styrofoam Cutter Wire

**Proxxon** Replacement wire for Thermocut Styrofoam Cutter Mfr. 27082. 10/pkg.

Stk.	Mfr.	Price
<b>303011</b>	28082	<b>WEB</b>



### Polystyrene Sheets

**Midwest** Sturdier than Styrofoam®, dense, lightweight expanded polystyrene foam is great for vehicle bodies, prototypes, intricate shapes, wings & more.

Stk.	Mfr.	Type	Size	Qty.	Price
<b>543471</b>	MWPS-1	Sheet	11-1/2" x 23-1/2" x 1"	1	<b>WEB</b>
<b>543472</b>	MWPS-1-1/2	Sheet	11-1/2" x 23-1/2" x 1-1/2"	1	<b>WEB</b>
<b>543473</b>	MWPS-2	Sheet	11-1/2" x 23-1/2" x 2"	1	<b>WEB</b>



### Kel-Air™ Dragster Launcher

**Kelvin** Eliminates the need for CO<sub>2</sub> cartridges. Easy-to-use launcher uses compressed air delivered in equal amounts to launch dragsters. The 1- or 2-lane system launches vehicles safely & accurately. Ideal for teaching vehicle aerody-

namics, mass ratios and speed ratios. Uses less wood for body design and allows for multiple test launches.

**Requires portable air compressor, sold separately.**

Stk.	Mfr.	Price
<b>492180</b>	840814	<b>WEB</b>

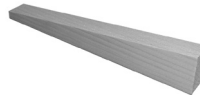


### Kel-Air™ Pre-drilled Dragster Blank Bulk Pack

**Kelvin** Bulk pack dragster kit features wood blank with pre-drilled air input hole for use with Kel-Air™ Dragster Launcher.

**Includes** 10 blanks with pre-drilled hole, 40 wheels, 20 axles, 40 washers, 20 screw eyes and 10 straws.

Stk.	Mfr.	Size	Price
<b>492191</b>	840917	7-1/2"L	<b>WEB</b>
<b>492192</b>	840918	10"L	<b>WEB</b>



### Kel-Air™ Wood Dragster Blank Bulk Pack

**Kelvin** Wood dragster blank with no air input hole. Requires students to drill the air input hole. For use with Kel-Air™ Dragster Launcher.

Stk.	Mfr.	Size	Qty.	Price
<b>492166</b>	390556	7-1/2"L	100	<b>WEB</b>
<b>492165</b>	390555	10"L	100	<b>WEB</b>



### CO<sub>2</sub> Dragster Elevated Racetrack

**ABS** Add realism & excitement to your race event w/ this sturdy, elevated racetrack. Wood track has black & oak finish & stands solidly on steel legs, which fold up after use. Both start & finish gates fasten on track w/ bolts. Nine 8' sections total 72'L to meet TSA racing regulations.

Stk.	Mfr.	Price
<b>957927</b>	740065	<b>WEB</b>



### CO<sub>2</sub> Dragster Manual Raceway System

**ABS** System simultaneously fires both vehicles from the start gate. Finish gate catches the car & designates the winner.

**Includes** start gate, finish gate w/winning lane indicator & racing instructions.

**Timing & starting lights not included. Dragster sold separately.**

Stk.	Mfr.	Price
<b>957960</b>	731054	<b>WEB</b>



### CO<sub>2</sub> Dragster Electronic Raceway System

**ABS** Close to real dragster racing! 2 vehicles race against each other in their own lanes & are started w/real "Christmas tree" dragster lights. System can be set to fire both cars independently or simultaneously timed to 1,000th of a sec.

**Includes** start & finish gates, firing handles & starting lights.

**Shown with racetrack and dragsters, sold separately.**

Stk.	Mfr.	Price
<b>478233</b>	740041	<b>WEB</b>



### CO<sub>2</sub> Dragster Electronic Raceway Firing Pins

**ABS** For use with Electronic Raceway System. 2/pkg.

Stk.	Mfr.	Price
<b>478230</b>	711049	<b>WEB</b>



### Stopwatch

**Champion** Large digital display includes 1/100th of a second precision, lap counter, and 12 or 24 hour formats. Other useful features include calendar and time display, a daily alarm and an hourly chime. Water and shock resistant. Black.

Stk.	Mfr.	Price
<b>300800</b>	910BK	<b>WEB</b>



### Big Digital Display Stopwatch

**Champion** Large digital display includes a 1/100th of a second precision lap counter, and 12 or 24 hour formats. Other features include calendar and time display, daily alarm and hourly chime. Water and shock resistant. 3V Lithium battery. Black.

Stk.	Mfr.	Price
<b>300801</b>	920BK	<b>WEB</b>

## VEHICLE KITS



### Mousetrap Racer Kit

**Midwest Products** Comes complete with pre-cut parts and detailed instruction. Now, lower grade level students can participate in mousetrap racing. For grades 4+.

Stk.	Mfr.	Qty.	Price
<b>536443</b>	54202	1	<b>WEB</b>



### Mousetrap

**Victor** Metal bait pedal mousetrap.

Stk.	Mfr.	Qty.	Price
<b>543999</b>	M040	1	<b>WEB</b>

### Vehicle Problem-Solving Activity Kits

**ABS** Students enjoy experimenting with many design & propulsion situations using these exciting, hands-on activities with various vehicle styles. "Rodney the Rodent" challenges "humans" to consider many methods when creating their racers. Each easy-to-teach kit includes all the parts needed (unless noted), plus an activity guide. Competition & reference suggestions complete each fun educational experience.



### Air Prop Racer

**ABS** This one will blow your hair back! "Rodney the Rodent" challenges "humans" to use the propeller to drive the Styrofoam® vehicle. Will they design the prop to push or pull? How will it be fixed to the racer? Many solutions are possible with this activity.

Stk.	Mfr.	Qty.	Price
<b>957911</b>	731009	1 Kit	<b>WEB</b>
<b>957966</b>	731009CP	12 Kit	<b>WEB</b>



### Egg Drop Vehicle

**ABS** Get out the drop cloth! "Rodney the Rodent" challenges "humans" to push this car off a table to see if their passenger - an egg - can survive a series of falls. Since only limited padding is included, students are required to muster their mental resources to safely cushion the egg's ride.

**Egg(s) not included.**

Stk.	Mfr.	Qty.	Price
<b>957910</b>	731007	1 Kit	<b>WEB</b>
<b>957964</b>	731007CP	12 Kits	<b>WEB</b>



### Electric Car

**ABS** Let the sun shine! Students solve how to power the motor of this friction-driven vehicle. An inexpensive way to experiment with electric and solar power sources.

**Includes** all the parts needed, plus an activity guide.

**Requires AA battery or solar cell, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>957925</b>	740060	1 Kit	<b>WEB</b>
<b>957970</b>	740060CP	12 Kits	<b>WEB</b>



### Jet Balloon Racer

**ABS** Get that pin away from my car! "Rodney the Rodent" challenges "humans" to keep the air in the balloon so it can power the racer. This fun kit uses a light Styrofoam® car body.

Stk.	Mfr.	Qty.	Price
<b>957909</b>	731008	1 Kit	<b>WEB</b>
<b>957965</b>	731008CP	12 Kits	<b>WEB</b>



### Marble Mania Vehicle

**ABS** Playing with marbles takes on a new roll! "Rodney the Rodent" challenges "humans" to design a vehicle that is actually powered by marbles. Make this a small group activity and watch your students compete for distance or originality.

**Includes** all parts needed, marbles and activity guide.

Stk.	Mfr.	Qty.	Price
<b>957948</b>	731068	1 Kit	<b>WEB</b>
<b>957971</b>	731068CP	12 Kits	<b>WEB</b>

### Marbles

#### ABS

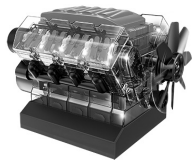
Stk.	Mfr.	Qty.	Price
<b>957937</b>	700079	25	<b>WEB</b>



### Mousetrap Vehicle

**ABS** Let's get going! "Rodney the Rodent" challenges "humans" to learn how a mousetrap can actually power a car. Besides learning propulsion and design principles, competitions between racers make for exciting classroom learning!

Stk.	Mfr.	Qty.	Price
<b>957900</b>	731048	1 Kit	<b>WEB</b>
<b>957969</b>	731048CP	12 Kits	<b>WEB</b>



### Vroom! STEM V8 Model Combustion Engine

**OWI** With Vroom!, budding car enthusiasts, ages 12+, will have the opportunity to understand the heart of the automobile. With over 270 pieces, children and parents alike will be amazed by the realistic engine simulation. The cooling fan spins, pistons fire up and down and light bulbs flick in sequence mimicking the air-fuel combustion process.

**Requires 3 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>613500</b>	OWI-39102	<b>WEB</b>



### 1965 Chevy Sidestep Pickup

**Revell** This '65 Chevy Stepside Pickup will stand out at any car show and turn heads at cruise nights but it can also still be a work horse to carry loads. Molded in white, clear and transparent red with chrome plated parts and black vinyl tires. For ages 10+.

**Requires paint & glue, sold separately.**

Stk.	Mfr.	Scale	Size	Parts	Price
<b>688680</b>	85-7210	1:25	7-3/4"L	143	<b>WEB</b>



### 1968 Dodge Charger Model Kit

**Revell** Build 1 of 2 plastic models. Optional complete 440 cubic inch or 426 Hemi V8 engines plus a separate engine stand. Detailed interior and chassis to build either stock muscle car vintage drag racer. Authentic factory stock detailing decals and competition graphics. Molded in white, transparent red and clear. Chrome plated parts and black vinyl tires. Illustrated assembly guide. For ages 12+.

**Requires paint & glue, sold separately.**

Stk.	Mfr.	Scale	Size	Parts	Price
<b>688653</b>	85-4202	1:25	8-5/16"L	181	<b>WEB</b>



### 1969 Camaro Z/28

**Revell** The '69 was one of the best selling of all the Camaro® models over the years. The special Z/28™ package added a unique 302 cubic inch V-8 and other high performance parts to create a blend of good handling as well as powerful acceleration. Kit includes the Rally Sport™ front end trim and the rare dual quad and chambered exhaust options, plus the Rally Sport™ front end trim and the rare dual quad and chambered exhaust options. For ages 10+.

**Requires paint & glue, sold separately.**

Stk.	Mfr.	Scale	Size	Parts	Price
<b>688690</b>	85-7457	1:25	7-3/4"L x 2-3/4"W x 1-3/4"H	113	<b>WEB</b>



### 1970 Boss Mustang Model Kit

**Revell** Mustang body accurately molded in white polystyrene plastic. Choice of custom chrome mags, chrome Magnum 500 wheels or large diameter chrome custom wheels. Choose to ride on a set of standard or low-profile vinyl tires with realistic tread design. Complete interior detail. Build a highly detailed dual quads on a tunnel ram intake manifold or stock engine. Waterslide custom graphic and authentic factory stock decals. For ages 10+.

**Requires paint & glue, sold separately.**

Stk.	Mfr.	Scale	Size	Parts	Price
<b>688650</b>	85-2149	1:24	7-1/4"L x 3-1/8"W	90+	<b>WEB</b>



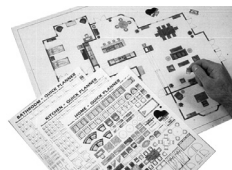
### 2013 Camaro ZL1

**Revell** One look at the Camaro ZL1 and you're hooked. It's beautiful. Then, if you're lucky, you get a look under the hood at the 580 horsepower V-8, and any gear head will fall in love. Of course, with a price tag roughly in the "maybe one day, if I'm lucky" range, you're probably better off just building this exquisite model. Kit features a pre-decorated body, fully-detailed 6.2 liter V-8 engine and metal axles. For ages 12+.

**Requires paint & glue, sold separately.**

Stk.	Mfr.	Scale	Size	Parts	Price
<b>688660</b>	85-4307	1:25	7-1/2"L x 4-1/4 x 2-1/8"H	48	<b>WEB</b>

## HOME PLANNING KITS



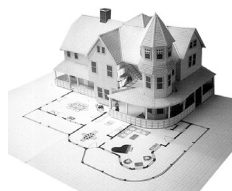
### Home Quick Planner

**Design Works Inc** Kit allows you to organize and change plans without having to draw and redraw your layout. Provides a full assortment of 1/4" scale, pre-cut, reusable, peel and stick symbols to place directly onto sketch or blue-print or to 5,600 sq. ft. floor plan grid. Add

color and detail to each Quick Planner symbol to help visualize exactly how real item will look in the home.

**Includes** hundreds of furniture & architectural symbols, 5,600 sq. ft. floor plan, plus design notes & checklist to help design & evaluate plans.

Stk.	Mfr.	Price
<b>322300</b>	HQP	<b>WEB</b>



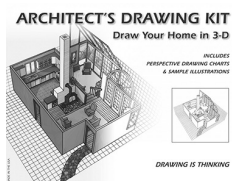
### 3-D Home Kit

**Design Works Inc** Build a 3-dimensional scale model of your design. Kit provides all materials to design floor plans and build a detailed 1/4" scale model of your design - up to 6,200 sq. ft. Use to improve design, save time and avoid costly mistakes.

**Includes** model building materials, hundreds of furniture & architectural symbols, instructions, floor plan grid, scale ruler & roof slope calculator & notes from a professional designer on how to plan & evaluate designs.

**Requires scissors or X-Acto knife, metal straight edge & white glue or tape, sold separately.**

Stk.	Mfr.	Price
<b>322302</b>	3-DHK	<b>WEB</b>



### Architect's Drawing Kit

**Design Works Inc** This book shows how perspective drawing is used to sketch realistic-looking interior and exterior house designs. Use the kit for decorating, remodeling or building projects. Trace the sample illustrations to learn how the charts work and then use the charts to draw projects. Kit includes 12 perspective drawing charts, tracing paper, instructions and sample illustrations. Compatible with the Home Quick Planner and 3-D Home Kit (sold separately). For ages 12+. 65 pages.

Stk.	Mfr.	Price
<b>322304</b>	ADK	<b>WEB</b>



## SCALE MODEL KITS



### Empire State Building Microbeam Kit

**Matchitecture** This building set is an intermediate level kit with 650 pieces. Simply cut and glue the microbeams together, according to the plans. Every part of the construction is assembled directly on the acetate sheet provided. For ages 12+.

**Includes** 650 microbeams, acetate sheet, cutter, wood glue, tweezers, plans and instructions.

Stk.	Mfr.	Price
<b>513015</b>	MATCH6647	<b>WEB</b>

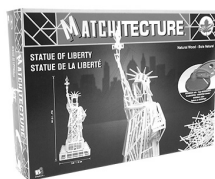


### Chrysler Building Microbeam Kit

**Matchitecture** This building set is an intermediate level kit with 850 pieces. Simply cut and glue the microbeams together, according to the plans. Every part of the construction is assembled directly on the acetate sheet provided. For ages 12+.

**Includes** 850 microbeams, acetate sheet, cutter, wood glue, tweezers, plans and instructions.

Stk.	Mfr.	Price
<b>513016</b>	MATCH6648	<b>WEB</b>



### Statue of Liberty Microbeam Kit

**Matchitecture** This set is an advanced level kit with 1,250 pieces. Simply cut and glue the microbeams together, according to the plans. Every part of the construction is assembled directly on the acetate sheet provided. For ages 12+.

**Includes** 1,250 microbeams, acetate sheet, cutter, wood glue, tweezers, plans and instructions.

Stk.	Mfr.	Price
<b>512990</b>	MATCH6614	<b>WEB</b>



### Country House Kit

**Matchitecture** An easy and exciting construction technique, simply cut and glue microbeams together, according to the plans.

Each model is built with wood sticks called microbeams, which are cut, stuck and joined according to detailed plans and by following the step-by-step instructions. Every part of the construction is assembled directly on the acetate sheet provided. Intermediate skill level. For ages 12+.

**Includes** 2,180 microbeams, cutting tools, templates & instructions.

Stk.	Mfr.	Price
<b>513000</b>	MATCH6623	<b>WEB</b>



### Microbeam Refill Kit

**Matchitecture** Build models with wood sticks called microbeams, which are cut, stuck and joined according to detailed plans and by following the step-by-step instructions. Starting with a single element, the microbeam, you'll create amazing constructions. For ages 12+.

**Includes** 2,000 microbeams.

Stk.	Mfr.	Price
<b>512985</b>	MATCH6605	<b>WEB</b>



### Utility Building Kit

**Educational Models** Students learn basic construction concepts while creating a utility building. 1" : 1' scale.

**Includes** 4 oz. glue, materials, templates and instructions.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
<b>380700</b>	101	64	6+	<b>WEB</b>



### Garage Kit

**Educational Models** Building on the basics learned in the Utility Building Kit, the Garage Kit covers constructing doors, windows, trusses, and more. 1" : 1' scale.

**Includes** 4 oz. glue, materials, templates and instructions.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
<b>380701</b>	201	384	6+	<b>WEB</b>

### House Framing Kits

**Midwest Products** These 3/4" scale model house framing kits provide all necessary materials for students to construct their own house.

**Each kit includes** 3/4" scale working drawings, instructions, micro-cut balsa wood, cutting tools, measuring tape, layout pencil, nails, custom miter jig & a work base that doubles as a foundation for the completed model.



### 1-Story Hip Roof House

**Midwest Products** Model has 2 bedrooms, bathroom, kitchen, hallway, dining room and living room.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
<b>478520</b>	100-IC	816	6-12	<b>WEB</b>

**Refill Kit Includes** foam base, micro-cut balsa wood & nails. Instructions not included.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
<b>478521</b>	R-100-IC	816	6-12	<b>WEB</b>



### 2-Story Town House

**Midwest Products** Completed model has kitchen, bedroom, living room, 1-1/2 bathrooms and staircase. Kit combines conventionally-framed and balloon-framed walls (vaulted ceiling). Roof is framed with trusses and conventional rafters. Second story construction uses floor joists and sub-floor sheathing.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
<b>478532</b>	105-IC	730	6-12	<b>WEB</b>

**Refill Kit Includes** foam base, micro-cut balsa wood & nails. Instructions not included.

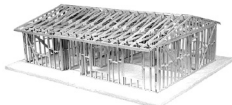
Stk.	Mfr.	Sq. Ft.	Grade Level	Price
<b>478533</b>	R-105-IC	730	6-12	<b>WEB</b>



### A-Frame Cabin

**Midwest Products** One bedroom A-frame cabin with spiral stairway, living room, bathroom, kitchen, bedroom and loft.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
<b>478524</b>	101-IC	588	6-12	<b>WEB</b>



### Truss Roof House

**Midwest Products** Completed model has 2 bedrooms, bathroom, kitchen, hallway, dining room and living room.

Stk.	Mfr.	Sq. Ft.	Grade Level	Price
<b>478530</b>	I04-IC	816	6-12	<b>WEB</b>



### Breeze Blocks with Pallet

**Mini Materials** These 1:12 scale breeze blocks are handmade with real cement. Breeze Blocks are 1" x 1" x .5". Mini Pallet (2.75" x 2.75" x .75") is pine with miniature finishing nails. USA made.

**Includes** 24 blocks and 1 pallet.

Stk.	Mfr.	Item	Scale	Qty.	Price
<b>570000</b>	EMPRESS-24-1:12	Empress	1:12	24	<b>WEB</b>
<b>570001</b>	VISTA-24-1:12	Vista View	1:12	24	<b>WEB</b>



### Half Cinder Blocks

**Mini Materials** These blocks are made to finish off your builds. Exactly half the width of the standard 1:12 mini cinder blocks. Blocks are handmade with real cement. Size .66" x .66" x .66". USA Made.

Stk.	Mfr.	Scale	Qty.	Price
<b>570009</b>	CINDER-15-1:12	1:12	15	<b>WEB</b>



### Cinder Blocks

**Mini Materials** These mini cinder blocks are made to finish off your builds. Blocks are handmade with real cement. USA Made.

Stk.	Mfr.	Scale	Qty.	Price
<b>570005</b>	CINDER-24-1:12	1:12	24 + 1 pallet	<b>WEB</b>
<b>570003</b>	CINDER-50-1:12	1:12	50 + 1 pallet	<b>WEB</b>
<b>570008</b>	CINDER-24-1:18	1:18	24 + 1 pallet	<b>WEB</b>
<b>570002</b>	CINDER-50-1:24	1:24	50	<b>WEB</b>



### Red Bricks

**Mini Materials** These mini red bricks have 3 "holes" on one side and create perfect walls all by themselves. Blocks are handmade with real cement. USA Made.

Stk.	Mfr.	Scale	Qty.	Price
<b>570007</b>	BRICKS-24-1:6	1:6	24 + 1 pallet	<b>WEB</b>
<b>570004</b>	BRICKS-50-1:12	1:12	50	<b>WEB</b>



### Pine Pallets

**Mini Materials** Mini Pallet is made with pine and miniature finishing nails. These real wooden pallets are the perfect complement for storing your miniature cinder blocks and bricks! Size 2.75" x 2.75" x .75". USA made.

Stk.	Mfr.	Scale	Qty.	Price
<b>570006</b>	PALLET-5-1:12	1:12	5	<b>WEB</b>

## MICRO-CUT SCALE LUMBER



### Basswood

**Bud Nosen** Select basswood strips cut to very close tolerances. Softwood has wonderful carving characteristics, yet is strong enough to hold the shape of intricate designs. Use for architectural or engineering models. Easy-to-cut

and shape with hand or machine tools. Glues well and finishes easily with latex paint or polyurethane.

### Wood Strips

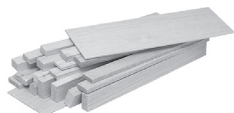
Stk.	Mfr.	W x Thick. x L	Qty.	Price
<b>196076</b>	3001-50PK	1/32" x 1/16" x 24"	50	<b>WEB</b>
<b>196065</b>	3151-50PK	1/16" x 1/16" x 24"	50	<b>WEB</b>
<b>536500</b>	3152-60PK	1/16" x 3/32" x 24"	60	<b>WEB</b>
<b>196074</b>	3153-50PK	1/16" x 1/8" x 24"	50	<b>WEB</b>
<b>536502</b>	3154-45PK	1/16" x 3/16" x 24"	45	<b>WEB</b>
<b>196073</b>	3155-50PK	1/16" x 1/4" x 24"	50	<b>WEB</b>
<b>536504</b>	3157-28PK	1/16" x 3/8" x 24"	28	<b>WEB</b>
<b>536505</b>	3158-24PK	1/16" x 1/2" x 24"	24	<b>WEB</b>
<b>536362</b>	3202-60PK	3/32" x 3/32" x 24"	60	<b>WEB</b>
<b>196066</b>	3253-50PK	1/8" x 1/8" x 24"	50	<b>WEB</b>
<b>196113</b>	3253-360PK	1/8" x 1/8" x 24"	360	<b>WEB</b>
<b>536510</b>	3255-30PK	1/8" x 1/4" x 24"	30	<b>WEB</b>
<b>196068</b>	3255-50PK	1/8" x 1/4" x 24"	50	<b>WEB</b>
<b>536511</b>	3257-20PK	1/8" x 3/8" x 24"	20	<b>WEB</b>
<b>196070</b>	3257-50PK	1/8" x 3/8" x 24"	50	<b>WEB</b>
<b>536395</b>	3258-15PK	1/8" x 1/2" x 24"	15	<b>WEB</b>
<b>196067</b>	3258-50PK	1/8" x 1/2" x 24"	50	<b>WEB</b>
<b>196071</b>	3268-50PK	1/8" x 5/8" x 24"	50	<b>WEB</b>
<b>536428</b>	3259-12PK	1/8" x 3/4" x 24"	12	<b>WEB</b>
<b>196069</b>	3259-50PK	1/8" x 3/4" x 24"	50	<b>WEB</b>
<b>536364</b>	3354-36PK	3/16" x 3/16" x 24"	36	<b>WEB</b>
<b>536513</b>	3357-20PK	3/16" x 3/8" x 24"	20	<b>WEB</b>
<b>536514</b>	3358-15PK	3/16" x 1/2" x 24"	15	<b>WEB</b>
<b>536365</b>	3455-20PK	1/4" x 1/4" x 24"	20	<b>WEB</b>
<b>196078</b>	3455-50PK	1/4" x 1/4" x 24"	50	<b>WEB</b>
<b>536515</b>	3457-16PK	1/4" x 3/8" x 24"	16	<b>WEB</b>
<b>536516</b>	3458-12PK	1/4" x 1/2" x 24"	12	<b>WEB</b>
<b>536366</b>	3557-15PK	3/8" x 3/8" x 24"	15	<b>WEB</b>
<b>536367</b>	3658-10PK	1/2" x 1/2" x 24"	10	<b>WEB</b>

### Wood Blocks

Stk.	Mfr.	W x Thick. x L	Qty.	Price
<b>536377</b>	3843	2" x 2" x 12"	1	<b>WEB</b>
<b>536378</b>	3847	2" x 4" x 12"	1	<b>WEB</b>
<b>536379</b>	3849	2" x 6" x 12"	1	<b>WEB</b>

### Wood Sheets

Stk.	Mfr.	W x Thick. x L	Qty.	Price
<b>536368</b>	3163-15PK	1/16" x 3" x 24"	15	<b>WEB</b>
<b>536369</b>	3213-15PK	3/32" x 3" x 24"	15	<b>WEB</b>
<b>536374</b>	3263-15PK	1/8" x 3" x 24"	15	<b>WEB</b>
<b>536375</b>	3363-10PK	3/16" x 3" x 24"	10	<b>WEB</b>
<b>536376</b>	3463-10PK	1/4" x 3" x 24"	10	<b>WEB</b>



### Balsa Wood

**Bud Nosen** AAA balsa wood is kiln dried, reducing the water content to leave a light wood with a high strength to weight ratio. This wood is also used for many types of crafts and architectural projects due to the ease in workability, cutting easily with a hobby knife. May be stained or painted to represent any type of wood.

#### Wood Strips

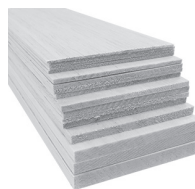
Stk.	Mfr.	W x Thick. x L	Qty.	Price
<b>536380</b>	I011-60PK	1/16" x 1/16" x 36"	60	<b>WEB</b>
<b>536397</b>	I012-57PK	1/16" x 1/8" x 36"	57	<b>WEB</b>
<b>536461</b>	I014-30PK	1/16" x 1/4" x 36"	30	<b>WEB</b>
<b>536463</b>	I015-28PK	1/16" x 3/8" x 36"	28	<b>WEB</b>
<b>536398</b>	I016-24PK	1/16" x 1/2" x 36"	24	<b>WEB</b>
<b>196092</b>	I0224-100PK	3/32" x 3/32" x 24"	100	<b>WEB</b>
<b>196091</b>	I022-50PK	3/32" x 3/32" x 36"	50	<b>WEB</b>
<b>196085</b>	I04324-100PK	1/8" x 1/8" x 24"	100	<b>WEB</b>
<b>196079</b>	I04324-500PK	1/8" x 1/8" x 24"	500	<b>WEB</b>
<b>536382</b>	I043-36PK	1/8" x 1/8" x 36"	36	<b>WEB</b>
<b>196082</b>	I043-50PK	1/8" x 1/8" x 36"	50	<b>WEB</b>
<b>536475</b>	I043-500PK	1/8" x 1/8" x 36"	500	<b>WEB</b>
<b>536477</b>	I044-36PK	1/8" x 3/16" x 36"	36	<b>WEB</b>
<b>536399</b>	I045-30PK	1/8" x 1/4" x 36"	30	<b>WEB</b>
<b>196084</b>	I045-50PK	1/8" x 1/4" x 36"	50	<b>WEB</b>
<b>536400</b>	I046-20PK	1/8" x 3/8" x 36"	20	<b>WEB</b>
<b>196087</b>	I046-50PK	1/8" x 3/8" x 36"	50	<b>WEB</b>
<b>536401</b>	I047-15PK	1/8" x 1/2" x 36"	15	<b>WEB</b>
<b>196083</b>	I047-50PK	1/8" x 1/2" x 36"	50	<b>WEB</b>
<b>196088</b>	I050-50PK	1/8" x 5/8" x 36"	50	<b>WEB</b>
<b>196086</b>	I048-50PK	1/8" x 3/4" x 36"	50	<b>WEB</b>
<b>536383</b>	I054-25PK	3/16" x 3/16" x 36"	25	<b>WEB</b>
<b>536482</b>	I056-15PK	3/16" x 3/8" x 36"	15	<b>WEB</b>
<b>536483</b>	I057-12PK	3/16" x 1/2" x 36"	12	<b>WEB</b>
<b>196081</b>	I07524-100PK	1/4" x 1/4" x 24"	100	<b>WEB</b>
<b>536384</b>	I075-20PK	1/4" x 1/4" x 36"	20	<b>WEB</b>
<b>196080</b>	I075-50PK	1/4" x 1/4" x 36"	50	<b>WEB</b>
<b>536490</b>	I076-15PK	1/4" x 3/8" x 36"	15	<b>WEB</b>
<b>536402</b>	I077-12PK	1/4" x 1/2" x 36"	12	<b>WEB</b>
<b>536403</b>	I211-6PK	1" x 1" x 36"	6	<b>WEB</b>

#### Wood Blocks

Stk.	Mfr.	W x Thick. x L	Qty.	Price
<b>536392</b>	I713	1" x 1" x 12"	1	<b>WEB</b>
<b>536405</b>	I723	1" x 2" x 12"	1	<b>WEB</b>
<b>536407</b>	I733	1" x 3" x 12"	1	<b>WEB</b>
<b>536406</b>	I731	1/2" x 3" x 12"	1	<b>WEB</b>
<b>536393</b>	I725	2" x 2" x 12"	1	<b>WEB</b>
<b>536408</b>	I735	2" x 3" x 12"	1	<b>WEB</b>
<b>536394</b>	I736	3" x 3" x 12"	1	<b>WEB</b>

#### Wood Sheets

Stk.	Mfr.	W x Thick. x L	Qty.	Price
<b>536404</b>	I130-20PK	1/32" x 3" x 36"	20	<b>WEB</b>
<b>536385</b>	I131-20PK	1/16" x 3" x 36"	20	<b>WEB</b>
<b>536417</b>	I142-20PK	1/16" x 4" x 36"	20	<b>WEB</b>
<b>536386</b>	I132-20PK	3/32" x 3" x 36"	20	<b>WEB</b>
<b>536387</b>	I133-20PK	1/8" x 3" x 36"	20	<b>WEB</b>
<b>536418</b>	I144-15PK	1/8" x 4" x 36"	15	<b>WEB</b>
<b>536388</b>	I134-10PK	3/16" x 3" x 36"	10	<b>WEB</b>
<b>536389</b>	I135-10PK	1/4" x 3" x 36"	10	<b>WEB</b>
<b>536414</b>	I146-10PK	1/4" x 4" x 36"	10	<b>WEB</b>
<b>536390</b>	I137-5PK	3/8" x 3" x 36"	5	<b>WEB</b>
<b>536416</b>	I148-5PK	3/8" x 4" x 36"	5	<b>WEB</b>
<b>536391</b>	I231-5PK	1/2" x 3" x 36"	5	<b>WEB</b>
<b>536415</b>	I241-5PK	1/2" x 4" x 36"	5	<b>WEB</b>

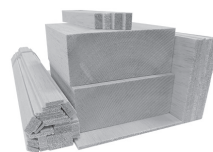


### Balsa Wood Economy Pack

**Bud Nosen** AAA balsa wood is kiln dried, reducing the water content to leave a light wood with a high strength to weight ratio. This wood is also used for many types of crafts and architectural projects due to the ease in workability, cutting easily with a hobby knife. May be stained or painted to represent any type of wood.

**Includes** assorted sizes of 9"L sheets.

Stk.	Mfr.	Price
<b>536491</b>	I400	<b>WEB</b>



### Balsa Wood Variety Pack

**Bud Nosen** AAA balsa wood is kiln dried, reducing the water content to leave a light wood with a high strength to weight ratio. Useful for many types of crafts and architectural projects due to the ease in workability, cutting easily with a hobby knife. May be stained or painted to represent any type of wood.

**Includes** assorted balsa wood sticks, blocks and 12"L sheets.

Stk.	Mfr.	Price
<b>536492</b>	I401	<b>WEB</b>

## TOOLS & SUPPLIES



### Non-Toxic Cement Adhesive for Plastics

**Testors** Fast drying general purpose glue. Use for polystyrene and ABS plastic. Recommended for ages 8+.

Stk.	Mfr.	Size	Price
<b>963941</b>	3521X	5/8 oz.	<b>WEB</b>



### Tacky Formula Modeling Glue

**Midwest Products** Flows easier from bottle for no waste. White glue is nontoxic and has no objectionable odors. For aviation, structures and transportation models.

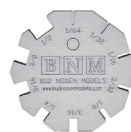
Stk.	Mfr.	Size	Qty.	Price
<b>536310</b>	362	1 oz.	24	<b>WEB</b>



### Scotch® Tacky Glue

**3M Scotch** No-run formula to reduce mess and ensure the glue stays in place. Permanent adhesive dries quickly and won't wrinkle or bleed through papers.

Stk.	Mfr.	Size	Price
<b>590267</b>	6052-B	4 oz.	<b>WEB</b>



### Scale Lumber Sizing Gauge

**Bud Nosen** This gauge helps accurately determine the size of scale lumber.

Sizes 1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2".

Stk.	Mfr.	Price
<b>536493</b>	I404	<b>WEB</b>

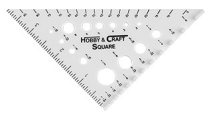




### Scale Lumber Gauge

**Midwest Products** Quickly, accurately identify and size scale lumber. Includes built-in strip identification gauges in model railroad gauges O, HO and N. Also features a 12" ruler with 1/16" increments on one side and 30cm ruler on the other side in 1mm increments.

Stk.	Mfr.	Price
<b>536356</b>	1124	<b>WEB</b>



### Hobby & Craft Square

**Midwest Products** Versatile tool features ruler, 90° square, strip ID gauge (1/64" to 1/2"), dowel/tubing ID gauge (1/16" to 1/4"), protractor (5° increments) and quick-align stop rail.

Stk.	Mfr.	Size	Price
<b>536355</b>	1123	4"	<b>WEB</b>



### Grip Pins

**Midwest Products** Easy-grip tapered barrel body. Wide shoulder eliminates "cross-pinning." Extra long stainless pin shaft allows assemblies to be built on top of each other. Larger size minimizes pin loss.

Stk.	Mfr.	Qty.	Price
<b>544003</b>	587	50	<b>WEB</b>



### T-Pins

Stk.	Mfr.	Length	Qty.	Price
<b>196015</b>	100	1-1/2"	35	<b>WEB</b>
<b>614319</b>	189-24	1-1/2"	450	<b>WEB</b>
<b>614320</b>	189-32	2"	350	<b>WEB</b>



### Color Ball Pins

**Dritz** Easy to grip, easy to find and has an extra long shaft.

Stk.	Mfr.	Length	Qty.	Price
<b>196022</b>	44	1-1/4"	100	<b>WEB</b>



### The Chopper Wood and Styrene Cutter

**NWSL** A rigid, precision tool for cutting model building stripwood and plastic material to length. Handle design provides safe and consistent square straight cuts and accurately angled miter cuts every time. Miter cuts are

a snap with the 30°, 45° and 60° guides. An adjustable stop permits the exact duplication of pieces up to 3-1/4"L.

**Includes** single edge razor blade.

**Caution: Exposed cutting edge.**

Stk.	Mfr.	Size	Price
<b>592000</b>	49-4	7-1/2" x 7-1/2"	<b>WEB</b>



### The Chopper II Wood & Styrene Cutter

**NWSL** Diecast aluminum frame, rigid handle design (right or left-hand operation) and precision miter guides (30°, 4°, 60°) assure accurate angles and repeatability. Adjustable stop permits the exact duplication of pieces up to

3-1/4"L. Max. cutting depth is 1/4". Cuts wood and styrene strips up 1/8".

**Includes** single edge razor blade.

**Caution: Exposed cutting edge.**

Stk.	Mfr.	Size	Price
<b>592002</b>	69-4	7" x 7"	<b>WEB</b>



### Original Easy Cutter

**Midwest Products** Designed to make cutting wood strips quick and accurate. Cuts stripwood up to 1/2" thick. Features built-in protractor with 45°, 60°, 90° and 120° angles.

Stk.	Mfr.	Price
<b>536357</b>	1126	<b>WEB</b>



### Easy Cutter Ultimate

**Midwest Products** Features a unique angle selector with 7 popular angles - from 45° to 135°. Perfect for multiple cuts of a particular angle. Cuts wood strips up to 1/2" thick.

Stk.	Mfr.	Price
<b>536353</b>	1134	<b>WEB</b>



### Super Easy Cutter

**Midwest Products** Perfect for smaller hands. Cuts stripwood up to 1/4" thick. Features built-in protractor with 45°, 60°, 90° and 120° angles. No replacement blade.

Stk.	Mfr.	Price
<b>536427</b>	1128	<b>WEB</b>



### 3-In-1 Multi-Cutter

**Performance Tool** Anvil cutter, wire cutter and box cutters in one. Heat-treated and hardened carbon steel blades are sharp enough to cut through plastic, linoleum, shrubs, thick leather, hoses, automotive belts, soft metal, tubing, pipe, dowels and more. Slip-resistant grips, titanium-coated wire cutter, retractable anvil.

**Includes** 3 extra blades stored in handle.

Stk.	Mfr.	Price
<b>976563</b>	W2045	<b>WEB</b>

**Replacement Blades Includes** 2 cartridges and 6 blades.

Stk.	Mfr.	Price
<b>976564</b>	W2045-1	<b>WEB</b>



### Razor Saw & Aluminum Miter Box Set

**Zona** Great for model and miniature making. Use for smooth, extra-fine cuts in balsa and other wood, plastic, copper or brass.

Stk.	Mfr.	Item	Price
<b>613842</b>	35-550	Saw 6-1/2"L x .010"T, 42TPI	<b>WEB</b>
<b>613846</b>	37-240	Miter Box	<b>WEB</b>
<b>613843</b>	35-241	Saw & Miter Box	<b>WEB</b>



### Easy Miter Box w/Saw

**Midwest Products** Keep cutting material firmly in place with 3 unique cam clamps and work bench lip. Easily cut material up to 2" wide and 1/2" thick at 45°, 22-1/2°, 30° and 60° angles.

Stk.	Mfr.	TPI	Price
<b>536322</b>	1136	32	<b>WEB</b>



### Hobby Tool Kit

**Zona** Kit includes mini miter box and ultra-thin kerf 32 TPI razor saw for cutting square ends, perfect splices and mitered corners in materials 1/4" T or less. Also comes with swivel head pin vise, curved point tweezers, retractable knife with 6 hobby blades and 3" x 4" L-square.

Stk.	Mfr.	Price
<b>613869</b>	38-700	<b>WEB</b>



### L-Square Ruler

**Zona** Ruler made from .022" T stainless steel with 1/32" measuring intervals and metric equivalents on the back.

Stk.	Mfr.	Size	Qty.	Price
<b>613870</b>	37-434	3" x 4"	1	<b>WEB</b>



### #5 Heavy Duty Knife

**Excel** The plastic hexagonal handle of this #5 heavy-duty knife is equipped with a durable thick machined aluminum shaft and includes 4-jaw aluminum chuck for more secure blade positioning.

**Includes** K5 plastic handle and #19 blade.

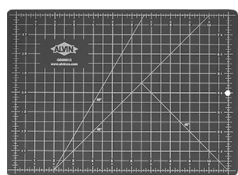
Stk.	Mfr.	Handle	Price
<b>391404</b>	16005	4-3/4" Plastic	<b>WEB</b>



### Single Edge Razor Blades

**Master Mechanic** Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

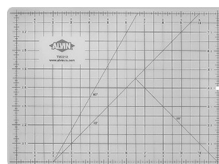
Stk.	Mfr.	Qty.	Price
<b>943279</b>	741330	10	<b>WEB</b>
<b>942846</b>	521013	100	<b>WEB</b>



### Reversible Cutting Mat

**Alvin** Green on one side, black on the other, with both sides gridded. This durable, self-healing, reversible cutting mat is 3 mm thick. Not just for cutting; it can also be used as a desk blotter or general-purpose work mat. Guide-lines for 45° and 60° angles and 0.5" grid lines.

Stk.	Mfr.	Size	Price
<b>196006</b>	GBM0812	8-1/2" x 12"	<b>WEB</b>
<b>196010</b>	GBM1218	12" x 18"	<b>WEB</b>
<b>196011</b>	GBM1824	18" x 24"	<b>WEB</b>
<b>196012</b>	GBM2436	24" x 36"	<b>WEB</b>

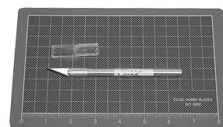


### Transparent Cutting Mat

**Alvin** 3 mm translucent cutting mat has printed grid on one side and is fully graduated on all four edges in 1/8". Made from composite vinyl material, it's self-healing, reversible, and extra durable.

Provides a long-lasting, non-glare, non-stick surface that resists abrasions and liquid spills, and can be cut and slashed with rotary blades and straight utility blades constantly without showing marks or cutting lines.

Stk.	Mfr.	Size	Price
<b>196280</b>	TM2212	8-1/2" x 12"	<b>WEB</b>
<b>196281</b>	TM2218	12" x 18"	<b>WEB</b>
<b>196282</b>	TM2224	18" x 24"	<b>WEB</b>
<b>196283</b>	TM2236	24" x 36"	<b>WEB</b>



### Precision Cutting Mat and Knife Set

**Excel** The ultimate beginner's set for any artist. Each set comes with a 5-1/2" x 9-1/2" phthalate-free PVC cutting mat with a clear 1" grid pattern and an Excel K1 aluminum knife with a #11 blade and safety cap.

**Includes** knife and cutting mat.

Stk.	Mfr.	Size	Price
<b>391600</b>	90003	5-1/2" x 9-1/2"	<b>WEB</b>



### Cutting Mat and Knife

**X-Acto** Portable cutting solution. Protects work surface from nicks and cuts of blades and cutting tools.

**Includes** a #1 knife and cutting mat.

Stk.	Mfr.	Size	Price
<b>476988</b>	X7768	4" x 7-1/2"	<b>WEB</b>

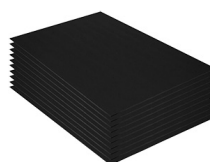


### White Foam Board

**Pacon** Polystyrene extruded foam laminated between two sheets of paper to form a lightweight but strong and rigid surface. Ideal for crafts, school projects, framing, mounting, displays, posters and exhibits. Easy-to-cut sheets have a smooth surface, and accept a wide range of media including paints. Acid free.

and accept a wide range of media including paints. Acid free.

Stk.	Mfr.	Size	Qty.	Price
<b>620590</b>	P5540	15" x 20" x 3/16"	25	<b>WEB</b>
<b>620610</b>	PCAR92006	20" x 30" x 3/16"	25	<b>WEB</b>



### Black Foam Board

**Pacon** Each sheet has a piece of black polystyrene extruded foam that's been laminated between two pieces of black paper. Acid-free sheets are easy to cut at 3/16" thick and have a smooth surface that accepts a variety of mediums including paint.

Stk.	Mfr.	Size	Qty.	Price
<b>620579</b>	P5511	20" x 30" x 3/16"	10	<b>WEB</b>



### EVA Foam Sheet

**Sixam** EVA (ethylene-vinyl acetate) foam is perfect for costuming and prop creations. EVA is a firm, high-density foam that is softer than standard polyethylene foams. It is easy to cut, form and bond. Gray.

Stk.	Mfr.	Size	Qty.	Price
<b>196801</b>	EVA3MM	3mm x 13" x 39"	1	<b>WEB</b>
<b>196802</b>	EVA5MM	5mm x 13" x 39"	1	<b>WEB</b>
<b>196803</b>	EVA10MM	10mm x 13" x 39"	1	<b>WEB</b>



### Wax Paper

**Reynolds** Protect table tops and other surfaces from glue and paint.

Stk.	Mfr.	Size	Price
<b>543663</b>	330	12" x 75'	<b>WEB</b>

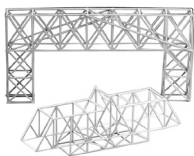


### Aluminum Foil

**Reynolds** 30 sq. ft. of aluminum foil. Size 12" x 10 yds.

Stk.	Mfr.	Price
<b>943404</b>	1001090008031	<b>WEB</b>

## BRIDGE BUILDING KITS & TESTERS



### Model Bridge Design Class Pack of 24

**Midwest Products** Creative problem-solving activity for middle and high school students. They'll design and construct wooden bridges, then enjoy the thrill of destructive testing to calculate the bridge's efficiency and determine the best design.

Bridge building supports geometry, physics, technology education, mathematics and general science. Select 360 pieces of either 1/8" x 1/8" x 24" balsa or 3/32" x 3/32" x 24" basswood.

**Includes** wood and glue for 24 students, design parameters to conduct the competitive lab activity and manual.

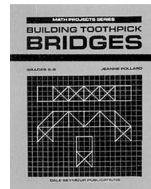
Stk.	Mfr.	Type	Qty.	Price
<b>536360</b>	8650	Basswood	1 Kit	<b>WEB</b>
<b>536370</b>	8660	Balsa Wood	1 Kit	<b>WEB</b>

### Balsa Tower Class Pack

**Midwest Products** Hands-on, tower-building challenge is a creative, problem-solving kit with construction concepts and design secrets. Using premium balsa wood, students will fashion lap or butt joints for symmetrical, winning prototypes. Class pack for 24 students.

**Includes** 360 balsa strips of 1/8" x 1/8" x 24", B-size graph paper sheets, bottles of tacky formula glue, student instructions and teacher's manual.

Stk.	Mfr.	Qty.	Price
<b>536359</b>	8655	1 Kit	<b>WEB</b>



### Building Toothpick Bridges

**ABS** Students will learn the business and teamwork aspects of bridge building. Brings practical approach to math, geometry and social studies through the exercise of building a bridge.

**Includes** teacher's guideline and bridge plans.

Stk.	Mfr.	Price
<b>957886</b>	740174	<b>WEB</b>



### Toothpicks

**ABS**

Stk.	Mfr.	Item	Qty.	Price
<b>957887</b>	740181	Round	800	<b>WEB</b>
<b>957888</b>	740182	Square	800	<b>WEB</b>



### 1/8" Dia. Straws

**ABS** Used as axle bearings for dragsters or for building model bridges.

Stk.	Mfr.	Size	Qty.	Price
<b>478215</b>	721043	1/8" dia. x 8"L	500	<b>WEB</b>



### 1/4" Dia. Plastic Straws

**ABS** For building model bridges.

Stk.	Mfr.	Size	Qty.	Price
<b>957876</b>	700081	1/4"	150	<b>WEB</b>



### Tensile Tester

**Fischer** For testing of specimens that will require from 300 - 5,000 lbs. (+/- 1% Accuracy) of tensile load to cause fracture. Consisting of a load frame and a pumping system, the operator has precise control over the entire operation. Self-tightening grips accept up to 0.15" x 1.13" cross section, but the 5,000 lb. maximum load limits the largest specimen that can be tested (varies according to material strength). Meets ASME, AWS Codes & MIL Standards. Calibration (ASTM E4) traceable to NIST Standards.

Tester 7"W x 4"D x 31"H.

Stk.	Mfr.	Item	Price
<b>405903</b>	TT5	Hand Pump	<b>WEB</b>
<b>558185</b>	MW-775-DG	Hand Pump and Digital Gauge	<b>WEB</b>
<b>558186</b>	MW-TT5-DRO	Hand Pump and Digital Readout	<b>WEB</b>



### Structural Stress Analyzer

**AMT** Authentic testing platform designed to be both dependable and durable, the SSA enables students to perform materials testing in the same manner found at the college level - a perfect experience for inclusion in the student portfolio. With forces up to 1,000 lbs. the SSA displays real time data measuring force and deflection of classroom-constructed towers, bridges and tensile samples. This stress-strain relationship curve allows students to analyze and describe the performance of samples using college level concepts and vocabulary – an essential experience for college and career readiness. Rigid aluminum construction for stable desktop operation. Maximum breaking force of 1,000 lbs. Simple 2 button-operated LCD readout showing maximum force and deflection allows for both interfaced and standalone use.

120V. Size 19"W x 7"D x 35"H. Weight 60 lbs.

**Includes** proprietary graphing software (for Windows OS), interface cable, 20-day curriculum and user's manual.

Stk.	Mfr.	Price
<b>197801</b>	SSA1000KIT	<b>WEB</b>



### Tensile Specimen

**AMT**

Stk.	Mfr.	Item	Price
<b>197811</b>	TS-A	Aluminum	<b>WEB</b>
<b>197812</b>	TS-B	Brass	<b>WEB</b>
<b>197813</b>	TS-S	Steel	<b>WEB</b>



### Advanced Earthquake Simulator

**Kelvin** Advanced Earthquake Simulator with horizontal and vertical magnet motion. Controller with built-in power supply. The controller has 2 knobs; one that controls side-to-side movement and the other controls up-and-down movement (primary and secondary waves).

**Optional data collection interface (Stk. 492161), sold separately.**

Stk.	Mfr.	Price
<b>492160</b>	851980	<b>WEB</b>

### Earthquake Data Collection Interface

**Kelvin** Collect vibration data from the Advanced Earthquake Simulator (sold separately) and graph the result on a computer, via sensor. The computer will collect vibration data and graph the result on your computer screen.

**Includes** interface, software, sensor and USB cable.

Stk.	Mfr.	Price
<b>492161</b>	841975	<b>WEB</b>



## ROBOTICS



### Mabot Robot Kit

**Bell Robot** One of the best AI STEAM toys to let kids build, customize and program robots, explore mechanics, engineering and coding. Modular design and easy-to-assemble. Mabot integrates complex functions into quality ball modules. Multi-angle design allows numerous

combinations and variations so kids can build just about anything. Once assembled, use Mabot Go, an easy-to-use app to bring the robots to life. Mabot's compatibility with Lego™ toys allows kids to extend their play. Hot-plugging allows easy accessibility and uninterrupted gaming. For ages 2-15.

**Starter Kit Includes** 2 drive balls, battery ball, control ball, color sensing ball, 2 connection balls, connection accessories and power adapter.

Stk.	Mfr.	Price
<b>227700</b>	MA1001	<b>WEB</b>

**B Advanced Kit Includes** control ball, battery ball, 5 six-port connection balls, 2 drive balls, color sensor, touch sensor, infrared sensor and 3 three-port connection balls.

Stk.	Mfr.	Price
<b>227704</b>	MA1006	<b>WEB</b>

**Deluxe Kit Includes** 4 drive balls, 2 battery balls, control ball, color sensing ball, 8 connection balls, infrared sensor ball, touch sensor ball, 3 three-port balls, 2 horizontal joint connection balls, 2 swinging joint connection balls, clipper, accessories and power adapter.

Stk.	Mfr.	Price
<b>227702</b>	MA1003	<b>WEB</b>

**Pro Kit Includes** 4 drive balls, 2 battery balls, control ball, 2 color sensing balls, 15 connection balls, 2 infrared sensor balls, 2 touch sensor balls, 6 three-port balls, 4 horizontal joint connection balls, 4 swinging joint connection balls, clipper, accessories and power adapter.

Stk.	Mfr.	Price
<b>227703</b>	MA1004	<b>WEB</b>



### Hummingbird Bit Robotics

**Bird Brain** Kits are comprised of lights, sensors, and motors which allow students to build robots out of any materials. Hummingbird epitomizes a low-floor, high-ceiling approach: absolute beginners can build and program a

robot in minutes, but continue learning advanced engineering and programming for years. Classroom-tested and standards-aligned learning materials, such as programming tutorials, lesson plans and printable student activities. Out-of-the-box compatible with all laptops and most tablets and supports 4 blocks-based and 3 text-based programming environments, including Makecode, Python, and Java. For ages 9+.

**Base Kit Includes** micro:bit, USB cable, bit controller, terminal tool, battery pack, 1 ea. (green, red, yellow) LEDs, 2 tri-color LEDs, 2 FS90 Servo, 2 Servo extension cables, light sensor, dial sensor and molded case.

Stk.	Mfr.	Price
<b>233711</b>	BITBASEKIT	<b>WEB</b>

**Premium Kit Includes** micro:bit, USB cable, bit controller, terminal tool, 4xAA battery holder, 1 ea. (green, red, yellow) LEDs, 2 tri-color LEDs, 2 FS5103B servo, 2 FS5103R servo, 2 servo wheels, 2 Lego adapters, 4 50 cm servo extension cables, light sensor, sound sensor, distance sensor, rotary sensor and molded case.

Stk.	Mfr.	Price
<b>233712</b>	BITPREMKIT	<b>WEB</b>



### Hummingbird Bit Robotics Classroom Bundle

**Bird Brain** Classroom Bundles are comprised of lights, sensors, and motors which allow students to build robots out of any materials. Hummingbird epitomizes a low-floor, high-ceiling approach: absolute beginners can build and program a robot in minutes, but continue learning advanced engineering and programming for years. Classroom-tested and standards-aligned learning materials, such as programming tutorials, lesson plans, and printable student activities. Out-of-the-box compatible with all laptops and most tablets and supports 4 blocks-based and 3 text-based programming environments, including Makecode, Python, and Java. For ages 9+. For 8-12 students.

**Includes** 4 kits (each kit includes) micro:bit, bit controller, terminal tool, 4xAA battery holder, 1 ea. (green, red, yellow) LEDs, 2 tri-color LEDs, 2 FS5103B servo, 2 FS5103R servo, 2 servo wheels, 2 Lego adapters, 4 50 cm servo extension cables, light sensor, sound sensor, distance sensor, rotary sensor and molded case.

Stk.	Mfr.	Price
<b>233713</b>	BITCLASSKIT-S-MBIT	<b>WEB</b>



### Finch Robot 2.0 with Micro:Bit

**Bird Brain** The Finch is a robot that brings computer science to life by providing students from Kindergarten to college a hands-on representation of their code. Robot features bluetooth wireless connection, 5 tri-color LEDs, multi-tonal buzzer, wheel encoders for

precise and accurate movement, 2 light sensors, 1 distance / obstacle / ultrasonic sensor and 2 infrared line tracking sensors. Robot will launch with access to the following programming languages: FinchBlox, BirdBlox, Make-Code, Snap!, Python and Java. Age 5+.

**Includes** (with each kit) Finch Robot 2.0, micro:bit and micro USB cable.

Stk.	Mfr.	Qty.	Price
<b>233720</b>	FR-2-MBIT	1	<b>WEB</b>
<b>233721</b>	FR-2FLOCK-MB	5	<b>WEB</b>



### Finch Mat

**Bird Brain** The Finch Mat is an ideal surface for teaching students robotics and coding. Durable, easy-to-clean outdoor matte vinyl and a blank white surface.

**Not suitable for use with any dry erase or permanent markers. Only suitable for washable markers. We recommend Crayola Paint Brush Pens. Finch Robot sold separately.**

Stk.	Mfr.	Size	Price
<b>233725</b>	FR-MAT	44.75"W x 92.75"D	<b>WEB</b>



### Finch Arena

**Bird Brain** The portable arena made of 4mm corrugated black plastic is easy to assemble and store, and can be set up virtually anywhere with a flat surface. When your activity is complete, the arena easily folds down to a 26" x 53" flat unit. Can be used alone or with the Finch Mat (sold separately).

Stk.	Mfr.	Size	Price
<b>233726</b>	FR-ARENA	45"W x 93"D x 3.5"H	<b>WEB</b>



### Washable Paint Brush Pens

**Bird Brain** A perfect fit for the Finch Robot 2.0's pen mount! The design of these markers enables perfect positioning for drawing. The marker tip hits the surface at just the right height.

**Includes** purple, red, green, yellow and blue.

Stk.	Mfr.	Price
<b>233727</b>	FR-MARK5	<b>WEB</b>



### Finch USB Charging Hub

**Bird Brain** The USB hub charges 5 Finch Robots at a time, revealing the charging status for each individual Finch on its LCD display. The Robot takes about 7 hours to fully recharge from 0% to 100%.

Stk.	Mfr.	Price
<b>233728</b>	FR-HUB	<b>WEB</b>

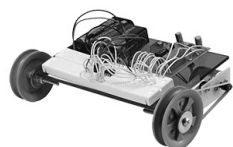


### Bristlebot Kit

**Brown Dog Gadgets** Bristlebots are small robots made by combining a toothbrush head and vibrating motor. By changing the position of the pipe cleaner arms, Bristlebots will travel in circles, straight lines, or scoot around randomly. Bristlebots are great for teaching engineering, motors, circuits and principles of balance. No tools required. Build time 5-15 minutes. For ages 9+.

**Includes** (with each kit) toothbrush head, motor, 2 eyes, 2 pipe cleaners, foam tape strip and battery.

Stk.	Mfr.	Qty.	Price
<b>275000</b>	K1003-4PK	4 Kits	<b>WEB</b>
<b>275001</b>	K1003-10PK	10 Kits	<b>WEB</b>
<b>275002</b>	K1003-25PK	25 Kits	<b>WEB</b>

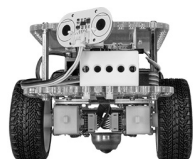


### 34-in-1 Deluxe Robotics Exploration Lab

**Chaney** Introduce your students to the fundamentals of robotics technology while building 28 different robots from one robot chassis and completing 6 different robot activities. The student starts by building a simple robot, and then disassembles it to progress to building more complex designs which are remote controlled with IR (infrared) vision and object avoidance. This lab is totally reusable and will stimulate the students' minds in robotic technology. For ages 15+.

**Includes** breadboard, 3 wheels, 2 motors, 2 belts, various mechanical parts, smoked plexiglass base, electronic parts and instruction manual.

Stk.	Mfr.	Price
<b>300955</b>	C6762	<b>WEB</b>



### GoPiGo Core Raspberry Pi Robot Kit

**GoPiGo** Everything you need to start your journey into robotics. GoPiGo helps you build a powerful little robot with the Raspberry Pi computer. It's perfect for exploring robotics, coding and the frontiers of computer science. Build a bridge from coding basics in Bloxter to cutting edge computer science skills with Python and Jupyter notebooks. GoPiGo has the power of Raspberry Pi, interactive Python, and a suite of pre-installed libraries to help you and your students explore cutting edge computer science activities. For ages 13+.

**Robot Kit Includes** robot chassis, electronic board, Raspberry Pi computer (3B+), DexterOS microSD card, rechargeable battery, distance sensor, servo package and camera/distance sensor mount.

Stk.	Mfr.	Price
<b>335990</b>	DT-BN-GP03-I	<b>WEB</b>

**Robot Group Kit Includes** 5 robot chassis, 5 electronic boards, 5 Raspberry Pi computers (3B+), 5 DexterOS microSD cards, 5 rechargeable batteries, 5 distance sensors, 5 servo packages, 5 camera/distance sensor mounts, 5 LED packs, 15 sensor mounts, plus storage tubs and extra parts.

Stk.	Mfr.	Price
<b>335992</b>	DT-BN-GPG3GROUPS-I	<b>WEB</b>



### GoPiGo Core Raspberry Pi Robot Kit

**Dexter** GoPiGo Core gives you the essential components needed to turn the Raspberry Pi into a robot. It supports multiple programming languages. Build a bridge from coding basics in Bloxter to cutting edge computer science skills with Python and Jupyter notebooks. GoPiGo has 5 connection ports for attaching sensors or actuators, making it easy to invent the robots of your dreams. No soldering required. For ages 13+.

**Includes** robot chassis, electronic board, microSD card and rechargeable battery.

**Requires Raspberry Pi, sold separately.**

Stk.	Mfr.	Price
<b>335991</b>	DT-BN-GPG3CORE-I	<b>WEB</b>



### RoboMaster S1 Educational Robot

**DJI** Teaches science, math, physics, and programming through exciting features and gameplay. Powerful configurations with 46 customizable components to create, conquer, and push limits, plus six PWM ports for customized accessories. Learn Scratch and Python programming languages, and get a taste of the future with AI technology that recognizes gestures, sounds, and other S1 robots.

**Includes** 7 motors, 6 Hit Detectors, 7 infrared sensors, 1 visual sensor, 1 microphone, 1 speaker, 2 Gyroscopes, and 21 LED lights.

**Cannot ship to Washington DC or North Dakota.**

Stk.	Mfr.	Price
<b>512517</b>	CP.RM.0000010301	<b>WEB</b>



### Dobot Magician 4-Axis Robotic Arm

**Dobot** Dobot Magician is an integration of programming, mechanics, electronics and automation. A truly cutting-edge robotic arm, it can manipulate objects, 3D print, write and draw. It has a graphical programming environment, multiple tool heads, and the capability to work with the Arduino platform. With Dobot's exclusive tutorials and lessons, the Magician is the ideal way to learn about robotic arms, hardware development, coding and automation. For ages 15+.

**Includes** robotic arm, power supply, USB cable, Wi-Fi module, bluetooth module, joystick control kit, vacuum pump, endeffectors, suction cup with rotation motor pneumatic gripper, pen and holder, 3D printing kit with glass plate, masking tape, filament motor and PLA filament.

Stk.	Mfr.	Price
<b>190440</b>	29516	<b>WEB</b>



### Dobot Magician Linear Rail Kit

**Dobot** Extend the reach of the Dobot Magician robotic arm by a meter with this linear rail accessory kit. Use the linear rail for picking and placing objects or use it with the pen attachment to draw a wide picture or write a sign. The rail is a whole piece of steel created with high precision CNC milling. For ages 15+.

**Includes** sliding rail, power supply, wire set, attachment plates/brackets, tool kit and instructions.

**Dobot Magician sold separately.**

Stk.	Mfr.	Price
<b>190445</b>	29649	<b>WEB</b>



### Dobot Magician Conveyor Belt Kit

**Dobot** The Conveyor Kit for Dobot Magician makes a complete production line simulation possible. Conveyor belt with adjustable speed, distance and color sensor, combined with the powerful and programmable Dobot Magician. These are the ideal essentials for you to create a highly effective simulated production line, or even to apply to actual factory scenes. For ages 15+.

**Includes** mini conveyor belt, infrared distance sensor, color sensor, toolkit and instructions.

**Dobot Magician sold separately.**

Stk.	Mfr.	Price
<b>190448</b>	29656	<b>WEB</b>

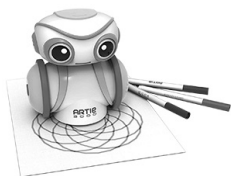


### Edison Robot V2.0

**Edison** Programmable robot designed to be a complete STEM teaching resource for coding and robotics education. Younger students can begin to explore the coding and robotics using Edison's pre-set programs and remote-control operation capabilities. Older students can learn

the fundamentals of coding as they progress from drag-and-drop icon-based programming to coding in a vertical text-based language. For ages 4-16.

Stk.	Mfr.	Price
<b>512510</b>	EDIBOT-I	<b>WEB</b>



### Artie 3000 WiFi-enabled Drawing Robot

**Educational Insights** Learn to code and get drawing with STEAM-style robotics to create visual masterpieces. If you can code it, Artie 3000 can draw it! By adding an artistic element to STEAM-powered fun, Artie 3000 powers creativity and introduces the basics of coding.

Easy setup with Artie's Quick Start guide, step-by-step instruction cards, and FAQs. For ages 7-12.

**Includes** Artie 3000 robot, 4 washable markers, guide and activity cards.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>502720</b>	1125	<b>WEB</b>



### Thames & Kosmos Tumbling Hedgehog Robot

**Thames & Kosmos** Students learn about the inner mechanical workings that make robots move, as well as the gears, motors, sound sensors, LEDs, and the other components involved in building a robotic pet hedgehog. A built-in

sound sensor is programmed to respond to their claps, and the hedgehog will tumble, roll, spin, bristle its spines and scurry around the classroom. 5 experiments. For ages 10+.

**Includes** 172 pieces.

**Requires 4 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>893727</b>	620500	<b>WEB</b>



### Scarab Robot Kit

**Elenco** A robot that uses 2 touch sensors to detect obstacles. When its antennas detect an obstacle, the robot will first step back and then automatically execute a two-step maneuver to avoid the obstacle. Robot can also be configured with different sets of movements. Ages 13+.

**Includes** 2 sets of legs.

**Requires 4 AA batteries, sold separately. Soldering required.**

Stk.	Mfr.	Price
<b>390306</b>	21884	<b>WEB</b>



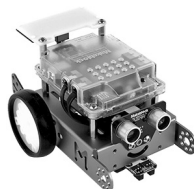
### Botley® 2.0 the Coding Robot

**Learning Resources** Botley® 2.0 helps kids learn to code through 100% screen-free play. Code him to move in 6 directions, play music, and even put on a light show! Coders can build coding sequences of up to 150 steps, and go on adventures with a built-in sensor that lights up Botley in the dark. For ages 5-10.

**Includes** robot, remote programmer, 2 sets robot arms, 40 coding cards, 6 coding boards, 8 sticks, 12 cubes, 2 cones, 2 flags, 2 balls, goal and sticker sheet.

**Requires 5 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>502753</b>	LER2938	<b>WEB</b>



### mBot-S Explorer Robot Kit

**MakerBot** An educational and entertaining robot, mBot-S is easy to get started with, which makes it a perfect tool for beginners. Students can build robots into different shapes and learn how to program with the graphical programming software provided by makeblock. For ages 8+.

**Includes** mini wheel, screws, nuts, brass studs, 3 RJ25 cables, 2 motors, 2 slick tires, 2 plastic timing pulleys, AA battery holder, bluetooth module, 2 motor parts, mainboard, ultrasonic sensor, Me Line Follower, screwdriver, USB cable, 2 mCore cases, mCore shell, white acrylic array board, 120° bracket, velcro, remote control, plastic spacers, 8 rivets and LED matrix.

Stk.	Mfr.	Price
<b>512505</b>	PI010045	<b>WEB</b>



### Makeblock mBot Ranger 3-in-1 Robot Kit

**Makeblock** Ranger is an advanced version of mBot, that comes with 3 preset forms, for 3X the fun! From construction and operation to programming, Ranger allows children to receive STEAM education in a simple and fun way. Ranger also gets children started on robot programming, advancing with them as they grow and develop their problem solving abilities. For ages 10+.

**Requires 6 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>512502</b>	90092	<b>WEB</b>





### Makeblock Ultimate 2.0 10-in-1 Robot Kit

**Makeblock** Ultimate 2.0 is an advanced programmable robot kit comprising more than 550 mechanical parts and electronic modules for 10 custom robots and many more maker projects. Compatible with the maker platform and Arduino, the kit lets your imagination take flight. Build exciting projects

with this kit and experience the joy of turning your ideas into reality. For ages 14+.

**Requires 6 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>512503</b>	90040	<b>WEB</b>

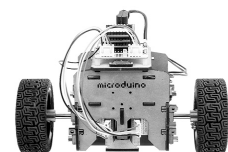


### Codey Rocky Robot

**Makeblock** A powerful robot designed for programming education. Playing with Codey Rocky and mBlock, a software supporting both blocked-based and Python programming, helps children enhance their logical thinking skills. Equipped with over 10 electronic modules, Codey Rocky is a capable teaching

assistant for courses or workshops on electronics, programming and design. For ages 6+.

Stk.	Mfr.	Qty.	Price
<b>512530</b>	PI030069	1	<b>WEB</b>



### Self-Balancing Robot Car Kit

**Microduino** Contains everything needed to build a 2-wheeled self-balancing robot. Kit features the original Microduino series modules. Explore the use of motion detection with the gyroscope and accelerometer module. Learn about electronics and programming. No wiring

or soldering. Programming software for the robot is supported on both Windows and Mac. Arduino compatible. For ages 10+.

**Includes** core module, sensor hub, motor controller, mBattery, 2 crash sensors, infrared receiver, 2 line finder sensors, light sensor, microphone sensor, 3 trinkets, buzzer, 2 LEDs, 2 balls, 136 building blocks, microUSB cable, 2 motors, omni-wheel, remote control, roll of black tape, rubber sleeve, 16 sensor cables, music cards, USB flash drive, 2 wheels and manual.

Stk.	Mfr.	Price
<b>534904</b>	MKMM702B	<b>WEB</b>



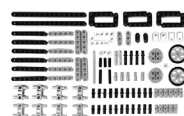
### Itty Bitty Buggy Kit

**Microduino** This 5-in-1 programmable robot has endless design possibilities and exciting configurations for your STEM classroom. Itty Bitty Buggy comes with a base Buggy plus 4 opportunities to build a sloth, ladybug, dodo bird and an alien. Robot is programmable in Scratch, Python or Arduino. Each

project is controllable over Bluetooth with Microduino's app (Android / iOS). With programming instructions included, creating an Itty Bitty Buggy teaches kids the logic behind the function while they are building and playing. For ages 8+.

**Includes** Buggy core, body, connector wire, building blocks, music map and USB to micro USB cable.

Stk.	Mfr.	Price
<b>534905</b>	MKMC101E	<b>WEB</b>



### Itty Bitty Buggy Creative Expansion Pack

**Microduino** With this creative expansion kit, modify any one of the projects that come with the Itty Bitty Buggy or create your own. Create

Push-Up Jim, Tommy Turkey and Pull-Up Jim. Add more arms, legs or whatever your imagination can dream of. All pieces compatible with Itty Bitty Buggy (sold separately). For ages 8+.

**Includes** 100 pieces.

Stk.	Mfr.	Price
<b>534906</b>	MAAG32A	<b>WEB</b>



### Cubelets Robot Blocks

**Modular Robotics** Cubelets are magnetic blocks that snap together to make an endless variety of robots with no programming and

no wires. You can build robots that move, respond to light, sound and temperature with lifelike behavior. Each Cubelet has a tiny computer inside to communicate with its neighbors, so you know that if 2 blocks are next to each other, they're talking. Forty hours of free standards-aligned lesson plans are available to all Cubelets users under a Creative Commons Share Alike license. Personalize the curriculum for your classroom. For ages 4+.

**Curiosity Kit Includes** battery, brightness, flashlight, inverse, passive, rotate, 2 drive, 2 distance, Bluetooth hat, 2 brick adapters and charging cable.

Stk.	Mfr.	Price
<b>580616</b>	CB-KT-CURIOSITY	<b>WEB</b>



### Cubelets Clever Constructors Pack

**Modular Robotics** Foster vital thinking skills with Cubelets that nurture imagination, creativity and inventive spirit while introducing robotics, STEM and computational thinking. Inside each Cubelet is part of a program. As

you build the robot, you build the code that controls the robot's behavior. Each Cubelet has a special function and belongs to one of three categories: sense, think or act. For ages 4+.

**Includes** 6 brightness, 12 distance, 6 knob, 6 battery, 6 inverse, 6 passive, 6 threshold, 6 bar graph, 6 flashlight, 12 drive, 6 rotate, 12 brick adapters, container, multi-battery charger and 5 micro-USB charging cables.

Stk.	Mfr.	Price
<b>580625</b>	CB-KT-EDUCCDEUX-I	<b>WEB</b>



### Cubelets Intrepid Inventors Pack

**Modular Robotics** Pack supports six or twelve working groups. Inside each Cubelet is part of a program. As you build the robot, you build the code that controls the robot's be-

havior. Each Cubelet has a special function to take in information from the robot's environment, compute and change that information, or turn that information into physical action. For ages 4+.

**Includes** 12 brightness, 12 distance, 6 temperature, 12 knob, 12 battery, 12 inverse, 6 maximum, 6 minimum, 12 passive, 12 blocker, 6 threshold, 6 bar graph, 6 speaker, 12 flashlight, 12 drive, 12 rotate, 48 brick adapters, 2 containers, 2 multi-battery charger, and 10 micro-USB charging cables.

Stk.	Mfr.	Price
<b>580626</b>	CB-KT-EDUIIDEUX-I	<b>WEB</b>





### Cubelets Motivated Makers Pack

**Modular Robotics** Foster vital thinking skills, imagination, creativity, and inventive spirit while teaching robotics, STEM, and computational thinking. Magnetic faces make the Cubelets easy to snap together and pull apart. Yellow brick adapters can connect to LEGO or other brick building blocks. For ages 4+.

**Includes** 6 distance, 6 drive, 6 rotate, 6 brightness, 4 knob, 6 battery, 6 inverse, 6 passive, 6 flashlight, 24 brick adapters, multi-battery charger, 5 micro-USB cables and storage container.

Stk.	Mfr.	Price
<b>580624</b>	CB-KT-EDUMMDEUX-I	<b>WEB</b>



### Cubelets Boundless Builder Pack

**Modular Robotics** The Boundless Builder pack has a little bit of everything for teaching robotics, STEM, and computational thinking.

You get access to a full set of Cubelets for the best experience. Foster vital thinking skills, imagination, creativity, and inventive spirit. For ages 4+.

**Includes** brightness, 2 distance, temperature, knob, battery, inverse, maximum, minimum, passive, blocker, threshold, bar graph, speaker, flashlight, 2 drive, 2 rotate, 4 brick adapters, container and micro-USB charging cable.

Stk.	Mfr.	Price
<b>580623</b>	CB-KT-EDUBBDEUX-I	<b>WEB</b>



### Cubelets Brilliant Builder Kit

**Modular Robotics** Assembled for eager inventors and designed to support a single student group, this pack gives students tons of building options as they complete challenge after challenge. For ages 4+.

**Includes** 2 distance, 2 drive, 2 rotate, brightness, temperature, knob, battery, inverse, maximum, minimum, passive, blocker, threshold, bar graph, speaker, flashlight, Bluetooth hat, 4 brick adapters, USB cable and storage container.

Stk.	Mfr.	Price
<b>580615</b>	CB-KT-EDUBB-I	<b>WEB</b>



### Cubelets Creative Constructors Plus Pack

**Modular Robotics** Support students on their journey through robotics and computational thinking. Creative Constructors is designed for all skill levels.

Start with basic-building, then use the Bluetooth® Hat to connect with Cubelets apps for coding, data analysis, and more. Designed to support six student groups. For ages 4+.

**Includes** 6 brightness, 12 distance, 6 knob, 6 battery, 6 inverse, 6 passive, 6 threshold, 6 bar graph, 6 flashlight, 12 drive, 6 rotate, 6 Bluetooth hat, 12 brick adapters, multi-battery charger, 5 micro-USB charging cables and storage container.

Stk.	Mfr.	Price
<b>580617</b>	CB-KT-EDUCCPLUS	<b>WEB</b>



### Cubelets Classroom Lesson Plan Bundle

**Modular Robotics** Classroom Bundle is a specially-curated collection of Cubelets lessons and resources, designed to help educators easily integrate Cubelets into their classrooms. It includes a grade-specific Lessons and Resources book, activity cards, magnets and a poster to inspire imaginations.

Stk.	Mfr.	Grade Level	Price
<b>580618</b>	CB-BL-CLASSPREK-I	Pre-K - K	<b>WEB</b>
<b>580619</b>	CB-BL-CLASSROOMONE-I	Grade 1-3	<b>WEB</b>
<b>580620</b>	CB-CL-CLASSROOMFOUR-I	Grade 4-6	<b>WEB</b>
<b>580621</b>	CB-BL-CLASSROOMSEVEN-I	Grade 7-12	<b>WEB</b>



### Knob Cubelet

**Modular Robotics** The Knob Cubelet has a potentiometer embedded in one of its faces. It outputs a 0 when turned fully counterclockwise, and a 1 when turned clockwise. Pre-loaded with the newest Cubelets operating system, Cubelets OS 4. Lead free. For ages 4+.

Stk.	Mfr.	Price
<b>580613</b>	CB-KT-KNOB-I	<b>WEB</b>



### Bluetooth® Hat

**Modular Robotics** Cap your robot constructions with the Bluetooth Hat to quickly and easily pair with any Bluetooth-enabled wireless device. Discover thousands of robot-building possibilities with the Cubelets companion app, available on iOS, Android, and FireOS. For ages 4+.

Stk.	Mfr.	Price
<b>580611</b>	CB-KT-HATBLE-I	<b>WEB</b>



### Bar Graph Cubelet

**Modular Robotics** Displays the block's value as a light-up bar graph. The value is normalized to the number of points on the bar graph so that a maximum value results in a fully-lit bar graph. Pre-loaded with the newest Cubelets operating system, Cubelets OS 4. Lead free. For ages 4+.

Stk.	Mfr.	Price
<b>580612</b>	CB-KT-BARGRAPH-I	<b>WEB</b>



### Drive Cubelet

**Modular Robotics** Displays the block's value as a light-up bar graph. The value is normalized to the number of points on the bar graph so that a maximum value results in a fully-lit bar graph. Pre-loaded with the newest Cubelets operating system, Cubelets OS 4. For ages 4+.

Stk.	Mfr.	Price
<b>580622</b>	CB-KT-DRIVE-I	<b>WEB</b>



### Cubelets Battery 2.0

**Modular Robotics** This Cubelet provides the energy needed to make your robots spin, drive and squawk. It packs 30% more power than the previous generation and easily recharges via micro USB. Pre-loaded with Cubelets OS 4. Lead free. For ages 4+.

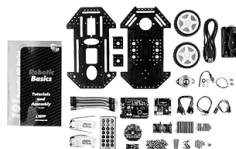
Stk.	Mfr.	Price
<b>580606</b>	CB-KT-BATTERY-I	<b>WEB</b>



### Cubelets 5-Port USB Charger

**Modular Robotics** The perfect add-on for your educator pack. This USB charger will charge your Cubelets or MOSS batteries as well as an iOS device, cell phone, tablet, PC or other device with a 5V USB power input.

Stk.	Mfr.	Price
<b>580605</b>	CB-SP-5PORT	<b>WEB</b>



### 101 Robotic Basic Starter Kit

**OSEPP** The kit comes with everything needed to make a autonomously operating robot. Custom designed aluminum chassis with a protective black coat prevents the surface from scratching and oxidizing. Holes on the chassis

allows more sensors or other devices to attach to the frame for more functions. The included lessons teach how to use 2 IR detectors to give the robot object avoidance ability. For ages 10+.

**Includes** Uno R3, motor driver, IR follower, IR receiver, 2 IR detectors, top and bottom chassis frames, ball caster wheel set, 2 motor mount sets, 2 motor assembly sets, standoffs, 2 wheels, 20 main board screws, battery holder screw set, 14 nuts, 2 jumper wires, USB cable, 6 f/f jumpers, screw cap, 20 jumper wires, remote control, on/off switch, 20 chassis frame screws and 4 plastic washers.

Stk.	Mfr.	Price
<b>615704</b>	ROB-01	<b>WEB</b>



### 2-Wheeler Balancing Robot

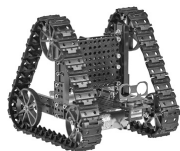
**OSEPP** The 2-Wheeler Balancing Mechanical Kit can handle all of your off road / all terrain needs. Robot requires minimum parts to create and easy to control. 100% Arduino compatible. Interchangeable parts for easy customization. High torque 9V DC motors. Assembly required. For ages 10+.

**Includes** plates, wheels, hardware, balancing

module, battery holder, tools and 9V DC motors.

**Requires 6 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>615702</b>	2WBAL-01	<b>WEB</b>



### Triangular Tank Mechanical Robot Kit

**OSEPP** Triangular Tank Mechanical Robot Kit can handle all of your off road / all terrain needs. 3 different configurations: Triangular Tank, 90° Triangular Tank and Extended Regular Tank. 100% Arduino compatible. Interchangeable parts for easy customization. High torque 9V DC motors. Assembly required. For ages 10+.

**Includes** tracks, wheels, motors, battery holder, plates, hardware and tools.

**Requires 6 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>615703</b>	TRITANK-01	<b>WEB</b>



### Ozkar Vacuum Robot

**OWI** Once your budding engineer constructs this 40-piece STEM kit, they will quickly realize this is no ordinary robot. Ozkar offers a stimulating insight into how its commercial cousins navigate their surroundings to "clean-up" small particles of dust. Most of all do not treat Ozkar as an ordinary robot, but rather, a scholarly and helpful friend! For ages 8+.

**Includes** 40 pieces.

Stk.	Mfr.	Price
<b>613482</b>	OWI-993	<b>WEB</b>



### RE/CO Robot

**OWI** With the wireless remote control added, RE/CO Robot can access new play modes like storytelling, singing, dancing, and even programming. Children can enjoy guiding RE/CO Robot over all sorts of terrain or allow the friendly robot to lead the way, using its infrared sensor to find a clear path, in patrol mode. For ages 8+.

**Includes** 106 pieces.

**Requires 4 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>613485</b>	OWI-997	<b>WEB</b>



### MotoBOT.4 Robot Kit

**Elenco** With simple tools and one AA battery, students can build 4 mechanical robot models, one at a time. Project builds give young learners the opportunity to read and follow assembly plans, troubleshoot problems and derive satisfaction from a job well done all the while developing fine motor skills needed for mechanics, engineering, and technology. For ages 8+.

**Requires 1 AA battery, sold separately.**

Stk.	Mfr.	Price
<b>390297</b>	TTR-891	<b>WEB</b>



### CyberCrawler Robot

**OWI** Smart coding robotics kit that entertains and teaches programming skills. A simple, press-button programming keypad embedded on its cranium provides immediate feedback as CyberCrawler Robot's LEDs illuminate and the

robot executes programmed animations. Robot is a terrific tool to teach the joy of coding. For ages 8+.

**Includes** 76 pieces.

**Requires 4 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>613483</b>	OWI-995	<b>WEB</b>



### KikoRobot.962

**OWI** KikoRobot.962 comes equipped with the same I/R and AI technology that made the older version a fan favorite. This model features an improved gearbox and a new 8-leg design, allowing it to reach higher speeds as it scurries around in follow-me or explore mode. Students will love having a friendly robot companion

pursue their every move, or complete handmade obstacles with ease. For ages 8+.

**Includes** 192 pieces.

**4 AAA batteries required, sold separately.**

Stk.	Mfr.	Price
<b>613480</b>	OWI-962	<b>WEB</b>



### Scrib Coding Robot

**OWI** The newest robot from OWI is ready to go on an adventure right out of the box. Batteries are included, and the robot is pre-assembled. With Scrib there are 3 fun ways to play: Maze Race, Free Style, and STEAM Idea and Activity Book. For ages 3+.

Stk.	Mfr.	Price
<b>613510</b>	OWI-44110	<b>WEB</b>



### Sidekick Robotic Kit

**Thames & Kosmos** Students can build a two- or four-wheeled robot and program its movements, sounds and facial expressions through the built-in keypad or free app. The robot can be controlled with a remote or smart device. Code new programs on the visual interface or simulator, both in the app. 10 experiments for ages 8+.

**Includes** 129 pieces, free app download and manual.

**The app requires a tablet (recommended) or smartphone running iOS or Android, not included. Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>893725</b>	620395	<b>WEB</b>



### SmartCore 6 Robot Kit

**OWI** Take control of land and sky with SmartCore 6. This kit features 6 separate models: 3 land vehicles (Tank, Gyrobot, Trike), and 3 sky vehicles (Turboprop, Drone, Hovercraft). With 44 easy to snap together parts, tomorrow's innovators will learn the STEAM principals

associated with physics, aerodynamics, and electronics when they build and remix SmartCore 6. For ages 8+.

**Includes** 44 parts and remote control.

**Requires 2 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>613505</b>	OWI-41802	<b>WEB</b>



### Robotic Arm Edge Wireless Control Kit

**OWI** Features all of the specifications that made Robotic Arm Edge an award winner, but with wireless remote. Students will have full command of the gripper to open and close, wrist motion, extensive elbow range, base rotation and base

motion. Vertical reach of 15", horizontal reach of 12.6", and a lifting capacity of 100g. For ages 13+.

**Includes** 197 pieces and wireless remote control.

**Requires 4 D batteries and 2 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>613470</b>	OWI-537	<b>WEB</b>



### Robotic Arm Edge Kit

**OWI** Students will command the gripper to open and close with 120° wrist motion, 300° elbow range, 270° base rotation, 180° base motion, 15" vertical reach, 12.6" horizontal reach and 100 g lifting capacity. Added features include a search light on the gripper and a

safety gear audible indicator on all 5 gear boxes to prevent any potential injury or gear breakage during operation. Total command and visual manipulation using the 5's (5 switch-wired controller, 5 motors and 5 joints). For ages 10+.

**Includes** pre-assembled PC board, hardware and mechanical-drive systems.

**Requires 4 D batteries, sold separately, plus basic hand tools for assembly.**

Stk.	Mfr.	Price
<b>390287</b>	OWI-535	<b>WEB</b>



### Robotic Arm Edge Curriculum

**OWI** CD provides multiple step-by-step activities and experiments for the Robotic Arm Edge Robot in both manual and computer control modes. Students are challenged to measure and record robot specifications, perform experiments, solve problems, record data, reflect

about their activities and answer questions in each robot lab activity. Using the included site license, directions may be read off a monitor or printed. Mac and PC compatible. For ages 10+.

Stk.	Mfr.	Price
<b>390403</b>	EXP-535	<b>WEB</b>



### Ozobot Evo Entry Kit

**Ozobot** Discover a solution to bring coding and creativity to your classroom. Teach yourself to code Ozobot Evo 2 ways: online with OzoBlockly and screen-free with Color Code markers. OzoBlockly has five skill levels for beginner to master coding. Color Codes teach basic CS

skills, critical thinking and debugging. For grades K-12.

**Includes** robot, charging cable, 4 markers and protective case.

Stk.	Mfr.	Price
<b>615114</b>	050110-01	<b>WEB</b>



### Ozobot Evo Classroom Kit

**Ozobot** The Classroom Kit includes Evo robots, accessories and 1 Ozobot Classroom license. K-12 students can code Evo with Color Code markers and online with OzoBlockly visual programming. Classroom software unlocks teacher training, lesson library access, and

real-time information about student engagement for both online and offline student activity.

**Includes** Evo robots, classroom license code, Bot Camp training for Educators, color code marker sets, charging and storage base, Bot numbering stickers, poster, stickers and bin.

Stk.	Mfr.	Qty.	Price
<b>615112</b>	051210-01-03	12	<b>WEB</b>
<b>615113</b>	051810-01-03	18	<b>WEB</b>



### Ozobot Washable Line-Following Markers

**Ozobot** Start coding your robot with the stroke of a marker. For use with Evo and Bit. Add color codes with markers or stickers for programming on paper. Washable and non-toxic. For ages 5+.

Stk.	Mfr.	Item	Price
<b>615150</b>	50001MRK	4 Pack Black	<b>WEB</b>
<b>615151</b>	30001MRK	4 Pack Color (red, blue, green, black)	<b>WEB</b>



### Bioloid STEM Level I Robot

**Robotis** Learn the principles of STEM with the ROBOTIS STEM Level I, a comprehensive introductory robotics kit geared for high-school. Students learn the scientific and technology principles behind the robots they build, and the

principles and mathematics of robot programming. Then students apply their knowledge to solve advanced problems and configure their robots for competitions. Build up to 7 example robots with the Level I kit. For ages 12+.

**Includes** parts and 2 workbooks.

Stk.	Mfr.	Price
<b>769105</b>	901-0028-200	<b>WEB</b>





### Bioloid Premium Kit

**Robotis** This do-it-yourself educational robot kit uses modular DC servo blocks to build various types of robots such as a scorpion, a spider, a dinosaur or a puppy. The Bioloid platform consists of components and small, modular servo motors called the AX-12A Dynamixels, which can be used in a daisy-chained fashion to construct robots of various configurations, such as wheeled, legged or humanoid robots. The robot is programmed with RoboPlus - a C language based software solution. For ages 13+.

**Includes** CM-530 (main controller-ARM cortex (32bit), 18 AX-12A servo motors (Robot Actuator, Dynamixel), gyro sensor (2 Axis), DMS, 2 IR sensor, RC-100A (remote controller), head & chest skin, SMPS for external power (12V, 5A), rechargeable battery (11.1V, 1000mA/PCM), lipo balance battery charger, screwdriver, cable holder, plastic frame set, quick start book & RoboPlus software CD.

Stk.	Mfr.	Price
<b>769104</b>	901-0006-300	<b>WEB</b>



### Root® RT1 Coding Robot

**Root Robotics** Teaches coding and strengthens computational thinking skills with tangible, hands-on experiences. Over 30 features and sensors, plus long-lasting battery life, it helps kids gain digital literacy skills and connect their classroom learning with the real world.

**Coding Robot Includes** robot, 2 dry erase markers, charging cable, sticker set, foldout whiteboard and microfiber cloth.

Stk.	Mfr.	Price
<b>769704</b>	RT001	<b>WEB</b>

**Coding Robot 6-Pack Includes** 6 robots, 12 dry erase markers, 6 charging cables, 6 sticker sets, 6 foldout whiteboards, 6 microfiber cloths, printable Learning Level 1 activity pack and 1 year of premium content for up to 6 devices.

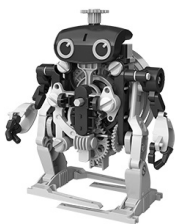
Stk.	Mfr.	Price
<b>769705</b>	RT601	<b>WEB</b>



### Root Robot Fold-out Whiteboard

**Root Robotics** Fold-out whiteboards are a great companion for Root. Ideal for creating coding challenges or drawing artwork on smooth surfaces like tables and floors. It works with any dry-erase marker and cleanup is with a cloth or damp paper towel, not included. For ages 5+.

Stk.	Mfr.	Item	Size	Qty.	Price
<b>769702</b>	RA101	4 x 4 Grid	25.2" x 25.2"	1	<b>WEB</b>
<b>769703</b>	RA102	4 x 8 Grid	25.2" x 50.4"	1	<b>WEB</b>



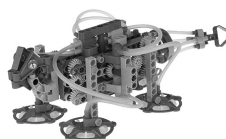
### 3-In-1 Springbot Machine

**Thames & Kosmos** Engineering kit allows students to build a robot, race car and countdown timer without batteries, glue or electricity. All 3 completed projects are powered by a mainspring that stores energy when wound by hand and converts energy into motion when discharged. For ages 6+ with adult supervision, 9+ without.

**Includes** 130 pieces.

**No batteries or electricity required**

Stk.	Mfr.	Price
<b>893696</b>	550038	<b>WEB</b>



### Geckobot Robot Kit

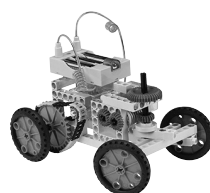
**Thames & Kosmos** Wall-climbing robot has a motorized air suction system that enables it to walk vertically up and down smooth surfaces, like glass, plastic, whiteboards and glossy

laminates. Battery-powered motor drives a gear system that produces a rotating motion making the legs move back and forth and up and down, mimicking a real gecko. Build 6 other models: industrial robotic arm with vacuum suction cup gripper, crawling inch worm, smartphone holder, suction tow truck and car, ellipsograph and suction gun. For ages 8+.

**Includes** 176 building pieces and instructions.

**Requires 2 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>893705</b>	620365	<b>WEB</b>



### Remote Control Machines

**Thames & Kosmos** Build motorized vehicles and machines and control them with a wireless remote control unit. Unique 6-button infrared remote controls 3 different motors simultaneously, moving each of them forward or in reverse, with easy-to-activate touch sensors. Assemble 10 models: bulldozer, car, 3-wheeler, crane, antique car, plow, folding car, formula one racer, 3-blade dozer and robotic arm. For ages 8+.

**Includes** 182-pieces, 3 motors, remote control and battery holder.

**Requires 5 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>893703</b>	555004	<b>WEB</b>



### Dash Robot

**Wonder Workshop** Dash robots teach kids how to code, igniting curiosity and confidence through play while learning essential 21st century skills. Dash gives kids hands-on experiences with STEM principles like conditionals, variables and sequences through coding languages that mimic the way a kid thinks. Built-in rechargeable lithium battery provides up to 5 hours play time, up to 30 days standby time. For ages 6+.

**Requires iPad 3 or newer, iPad Mini or select Android and Kindle tablets, not included.**

**Single Kit Includes** Dash robot, 2 building brick connector, guide and Class Connect 1-year Subscription.

Stk.	Mfr.	Price
<b>990010</b>	DA03	<b>WEB</b>

**Starter Pack Includes** 2 Dash robots, gripper, Challenge Cards, guide and Class Connect 1-yr. subscription (1 Educator, 35 Student).

Stk.	Mfr.	Price
<b>990042</b>	SH-DX2-1X2-CC12	<b>WEB</b>

**6-Pack Includes** 2 Dash robots, 12 building block connectors and 6 Class Connect 1-yr. subscriptions (1 Educator, 2 Student).

Stk.	Mfr.	Price
<b>990040</b>	1-DA03-11-6P	<b>WEB</b>





### Dash and Dot Robots with Class Connect

**Wonder Workshop** Dash and Dot are exciting, hands-on learning tools for students in grades K-8! Targeted at teaching creative problem solving and computational thinking, Dash and Dot help students learn fundamental processes

relevant for all 21st century skills. Students send commands to the robots to move them, light them up, and detect the world around them using age-appropriate apps available on Apple iOS, Android, Kindle and Chromebook (browser). For ages 6+.

**Requires iPad 3 or newer, iPad Mini or select Android and Kindle devices, not included.**

**K-5 Classroom Pack Includes** 6 Dash robots, 1 Dot robot, 3 gripper building kits, 3 Learn to Code Challenge Card Sets and 1 Curriculum Guide and Class Connect 1-yr. subscription (1 Educator, 35 Students).

Stk.	Mfr.	Price
<b>990043</b>	SH-DX6-1X2-CC12	<b>WEB</b>

**Tech Center Pack Includes** 12 Dash robots, 1 Dot robot, 6 gripper building kits, 6 Learn to Code Challenge Card Set, 1 Learn to Code Curriculum Guide and Class Connect 1-yr. subscription (1 Educator, 500 Students).

Stk.	Mfr.	Price
<b>990041</b>	SH-D12-1X2-CC12	<b>WEB</b>



### Cue Robot

**Wonder Workshop** Cue is for budding inventors and tinkerers, engaging with personality, chat, and advanced robot coding. Choose from 4 unique avatars to customize a personality that's right for you. Experience interactive communication unlike any other robot. Send and receive text messages

to discover each avatar's personality. Snappy answers, crazy memes and jokes will keep you coming back for more. For ages 11+.

**Requires Cue app and compatible device, not included.**

**Starter Pack Includes** 1 Cue robot, charger, stickers and connector block.

Stk.	Mfr.	Price
<b>990019</b>	QU01-13	<b>WEB</b>

**Starter Pack + Curriculum Includes** 3 Cue robots, gripper building kit, digital access (1 Educator, 35 Students) to Units 1-3 Notebooks (Creative Writing, Game Design, Innovation) and Cue Applied Robotics Curriculum Guide.

Stk.	Mfr.	Price
<b>990044</b>	SH-Q03-1X1-TW12	<b>WEB</b>

**Classroom Pack + Curriculum Includes** 6 Cue robots, 3 gripper building kits and digital access (1 Educator, 35 Students) to Units 1-3 Notebooks (Creative Writing, Game Design, Innovation) and Cue Applied Robotics Curriculum Guide.

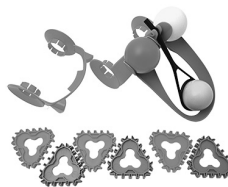
Stk.	Mfr.	Price
<b>990045</b>	SH-Q06-1X1-TW12	<b>WEB</b>

**Education Pack Includes** 12 Cue robots (Onyx), charger, online lesson plans and online curriculum guide.

Stk.	Mfr.	Price
<b>990028</b>	QUP2-11	<b>WEB</b>

**School Pack + Curriculum Includes** 12 Cue robots, 6 gripper building kit, digital access (school-wide) to Units 1-3 Notebooks (Creative Writing, Game Design, Innovation) and Cue Applied Robotics Curriculum Guide.

Stk.	Mfr.	Price
<b>990046</b>	SH-Q12-1X1-TW12	<b>WEB</b>



### Dash Launcher

**Wonder Workshop** Transform your Dash Robot into a projectile-launching machine. Because it's powered by Dash, kids can learn how simple machines like a lever works in a fun way. Comes with 3 projectiles and 6 stacking targets that can attach to LEGO®-compatible bricks to build intricate targets.

Stk.	Mfr.	Price
<b>990005</b>	BF01	<b>WEB</b>



### Dash's Xylophone

**Wonder Workshop** Everything you need to turn Dash into a Beethoven while you learn to program with music.

Stk.	Mfr.	Price
<b>990030</b>	XY01	<b>WEB</b>



### Dash Challenge Cards

**Wonder Workshop** These cards teach the fundamentals of coding through fun robot games. Learn about loops, events, conditionals, sequences and more while you play. Discover how to do more with Dash. Inspire kids to learn the fundamentals of coding.

**Includes** 24 Challenge cards, solution guide and sticker sheet.

**Requires Dash Robot sold separately and the free Blockly app.**

Stk.	Mfr.	Price
<b>990012</b>	CR05-11	<b>WEB</b>



### Dash and Dot Brick Connectors

**Wonder Workshop** Dash and Dot building brick connectors are compatible with Lego® bricks, Technics, Mindstorms and Hero Factory.

**Includes** 4 brick connectors.

Stk.	Mfr.	Price
<b>990000</b>	BB01	<b>WEB</b>



### Dash and Dot Learn to Code Challenge Cards

**Wonder Workshop** Advance through the 72 cards complementary to the Learn to Code Curriculum. These popular student-facing challenges are ideal to use for individual practice or in small-group rotation stations. Track students' progress as they work their way through all 6 levels. For grades K-5.

**Includes** 72 Challenge cards.

Stk.	Mfr.	Price
<b>990008</b>	I-CR03-11	<b>WEB</b>



## Dash and Dot Learn to Code Curriculum Guide

**Wonder Workshop** Designed for K-5 teachers and students, these step-by-step lesson plans cover 6 fundamental coding concepts and engage kids in hands-on activities and project-based assessments. The curriculum is organized into 6

coding levels and covers 6 fundamental coding concepts: sequencing, loops, events, conditionals, functions and variables. For grades K-5.

**Includes** spiral-bound curriculum guide and 1-year subscription to the Code to Learn Cross-Curricular Library.

**Requires Challenge Card Box Set, sold separately.**

Stk.	Mfr.	Price
<b>990009</b>	I-CR04-I I	<b>WEB</b>



## Dash and Cue Sketch Kit

**Wonder Workshop** This accessory for Dash and Cue robots enables kids to visualize the results from their code on a large canvas. It helps kids express their creativity and exercise their

critical thinking and spatial reasoning skills as they draw geometric shapes, patterns, words and more.

**Includes** marker harness, 6 custom dry-erase markers (red, blue, green, orange, purple, black) and 6 project cards.

**Requires Dash Robot or Cue Robot, sold separately.**

Stk.	Mfr.	Price
<b>990021</b>	SK01-I I	<b>WEB</b>



## Dash and Cue Sketch Pack

**Wonder Workshop** Pack comes with everything needed to transform your code into robot drawings. Start creating pictures, patterns, and messages on the Wonder Whiteboard Mat with the Sketch Kit accessory for Dash or Cue.

**Includes** marker harness, 6 custom dry erase markers, whiteboard mat, eraser and 6 project cards.

**Requires Dash Robot or Cue Robot, sold separately.**

Stk.	Mfr.	Price
<b>990025</b>	PS07-I I	<b>WEB</b>



## Dash and Cue Gripper Building Kit

**Wonder Workshop** Designed exclusively for Dash and Cue Robots, the Gripper Kit is an easy-to-construct set of functioning arms that expand your robots' capabilities. Master robotics skills by simulating real-world object detection and manipulation using your robots' sensors and motors through code or manual remote

control. The Gripper arms will lift, carry, pull, pick up and place a variety of lightweight objects.

**Includes** 76-piece construction set, 3 building brick connectors, plastic ball, foam number cube, instruction booklet, quick start guide, 4 activities for Dash and 4 activities for Cue.

**Requires Dash Robot or Cue Robot, sold separately.**

Stk.	Mfr.	Price
<b>990013</b>	GB01-I I	<b>WEB</b>

## CIRCUITS



### Bristlebot Kit

**Brown Dog Gadgets** Bristlebots are small robots made by combining a toothbrush head and vibrating motor. By changing the position of the pipe cleaner arms, Bristlebots will travel in circles, straight lines, or scoot around randomly. Bristlebots are great for teaching engineering, motors, circuits and principles of balance. No tools required. Build time 5-15 minutes. For ages 9+.

**Includes** (with each kit) toothbrush head, motor, 2 eyes, 2 pipe cleaners, foam tape strip and battery.

Stk.	Mfr.	Qty.	Price
<b>275000</b>	K1003-4PK	4 Kits	<b>WEB</b>
<b>275001</b>	K1003-10PK	10 Kits	<b>WEB</b>
<b>275002</b>	K1003-25PK	25 Kits	<b>WEB</b>



### Paper Circuits Standard Kit

**Brown Dog Gadgets** Why mess with wires when you can just use conductive tape? Designed to be engaging for kids of all ages, this kit fits right at home in a workshop or classroom. Use it with one of our many worksheets or templates or add it to any surface you want. Goof up on a project? Just remove

your LED and battery, print off another template and start again. Contains enough materials for about 10 projects.

**Includes** 16' conductive tape roll, 10 batteries, 30 jumbo LEDs and 10 binder clips.

Stk.	Mfr.	Price
<b>275010</b>	K1006-STA	<b>WEB</b>



### Crazy Circuits Starter Set

**Brown Dog Gadgets** This kit covers topics such as circuitry, programming, logic, sewable technology, art and design. Add Crazy Circuits parts to any LEGO™ project to make it light up. Use the conductive thread to create eye catching wearables. No soldering or preparation required.

**Includes** chips, blink/fade board, slide switch, 2 battery holders, 5 jumbo LEDs, 5 mini LEDs, speaker, 16' conductive tape, 16' conductive thread, 5 batteries, LEGO™ baseplate and molded case.

Stk.	Mfr.	Price
<b>275020</b>	K1016	<b>WEB</b>



### Crazy Circuits Sewing Starter Kit

**Brown Dog Gadgets** Explore the world of electronics sewing and wearable technology by adding lights to clothing. This kit covers topics such as circuitry, programming, logic, sewable technology, art and design. No soldering or preparation required.

**Includes** chips, blink/fade board, standard push button, battery holder, 5 jumbo LEDs, starter sewing kit, 2 felt pieces, two bobbins of 16' conductive thread, 5 batteries and molded case.

Stk.	Mfr.	Price
<b>275023</b>	K1019	<b>WEB</b>



### Crazy Circuits Sewing Circuits Standard Kit

**Brown Dog Gadgets** Make simple wearable electronics with this fun-filled STEAM kit. Using conductive thread and the components, you can easily sew a circuit onto any fabric. This kit

comes with everything needed to start creating projects right out of the box. Includes enough materials for at least 2 projects. For ages 10+.

**Includes** 5 batteries, 4 jumbo LEDs, 2 battery holders, 2 needles, 2 threading tools, 2 button snaps, 16' roll of conductive thread and molded case.

Stk.	Mfr.	Price
<b>275049</b>	K1037	<b>WEB</b>



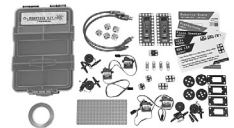
### Crazy Circuits with Bare Conductive Paint

**Brown Dog Gadgets** Combine the power of Arduino with Bare Conductive™ paint to create interactive programming projects. Make your own dough-based lighting and sound

system or even your own game controller! Crazy Circuits parts are compatible with LEGO™ and similar brick systems. This kit covers topics such as circuitry, programming, logic, sewable technology, art and design. No soldering or preparation required.

**Includes** chips, touch board and USB cable, 5 jumbo LEDs, speaker, conductive paint, 16' conductive tape roll, 5 alligator clips, LEGO™ baseplate and molded case.

Stk.	Mfr.	Price
<b>275032</b>	K1026	<b>WEB</b>



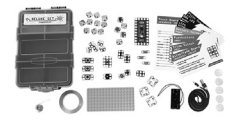
### Crazy Circuits Robotics Kit

**Brown Dog Gadgets** Learn the fundamentals of Arduino programming and design by creating robots or interactive displays using servo motors. The Robotics Board allows for the easy

addition of any sensor without needing a breadboard. Crazy Circuits parts are compatible with LEGO™ and similar brick systems. This kit covers topics such as circuitry, programming, logic, sewable technology, art and design. No soldering or preparation required.

**Includes** chips, 2 robotics boards and USB cables, 4 standard push buttons, 5 jumbo push buttons, 5 jumbo LEDs, speaker, 2 screw terminals, conductive tape roll 16', 23 standard servo motors, 2 continuous rotation servo motors, 4 LEGO™ servo brackets, 4 LEGO™ servo horns, LEGO™ baseplate and molded case.

Stk.	Mfr.	Price
<b>275030</b>	K1024	<b>WEB</b>



### Crazy Circuits Deluxe Set

**Brown Dog Gadgets** This kit covers topics such as circuitry, programming, logic, sewable technology, art and design. Add parts and programming to your next LEGO™ project to give

it dazzling effects. No soldering or preparation required.

**Includes** chips, blink/fade board, 3 standard push buttons, 3 jumbo push buttons, 2 slide switches, 3 battery holders, 10 jumbo LEDs, 5 mini LEDs, 5 brick LEDs, mini RGB LED, speaker, 2 screw terminals, 16' conductive tape, 16' conductive thread, 5 CR2032 batteries, LEGO™ baseplate and molded case.

Stk.	Mfr.	Price
<b>275021</b>	K1017	<b>WEB</b>



### Brown Dog Gadgets Crazy Circuits Coding Kit

**Brown Dog Gadgets** Kit includes an Arduino-powered robotics board for easy addition and programming of included sensors and parts without a breadboard or soldering. Compatible

with LEGO™ and other brick building systems. Learn about circuitry, programming, logic, art, and design through online lesson plans, projects, activities, diagrams, and videos. For ages 10+.

**Includes** 2 small pushbuttons, 4 LEDs, 4 LEGO pieces, 2 ribbon cable bundles, slide switch, neopixel, potentiometer, piezo speaker, robotics board, Maker Tape™, USB cable, 5 alligator clips, LEGO Servo+ connector piece, LEGO base plate, instruction cards/online curricula and molded case.

Stk.	Mfr.	Price
<b>275068</b>	K1049	<b>WEB</b>



### Crazy Circuits Makerspace Set

**Brown Dog Gadgets** This set has everything needed to get an entire classroom making with Crazy Circuits. Create projects both big and small with over 160 included parts. This kit covers

topics such as circuitry, programming, logic, sewable technology, art and design. Add parts and programming to your next LEGO™ project to give it dazzling effects. No soldering or preparation required.

**Includes** chips, 5 touch boards and USB cables, 3 robotics boards and USB cables, 5 blink/fade boards, 5 standard push buttons, 5 jumbo push buttons, 5 slide switches, 5 battery holders, 20 jumbo LEDs, 20 mini LEDs, 15 brick LEDs, 5 mini RGB LEDs, 5 speakers, 10 screw terminals, ten 16' conductive tape, five 16' conductive thread, 10 alligator clips, 50 CR2032 batteries, 5 AAA battery holders, 3 standard servo motors, 6 continuous rotation servo motors, 10 LEGO™ servo brackets, 10 LEGO™ servo horns, 10 LEGO™ baseplates and molded case.

**Requires 10 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>275022</b>	K1018	<b>WEB</b>



### Crazy Circuits Classroom Circuits 101 Set

**Brown Dog Gadgets** Complete classroom solution for teaching electronics. Teachers can easily pass out boxes to groups of students and use the continually-updated online curriculum

and resources to run lessons. The student kit has a complete set of supplies for one group. Circuits are assembled on a plastic board while components press on top of conductive tape. For ages 10+.

**Includes** (each kit) 5 coin cell batteries, 4 resistors, 4 jumbo LEDs, 3 switches, 2 transistors, 1 bundle of 5 alligator clips, photoresistor, vibrating motor, roll 1/8" Maker Tape™, brick baseplate, coin cell battery holder, screw terminal, female header, blink/fade board, instruction cards/online curricula and molded case.

Stk.	Mfr.	Item	Price
<b>275080</b>	K1050-01PK	1 Student Kit	<b>WEB</b>
<b>275081</b>	K1050-05PK	4-Student Kits, 1 Teacher Kit	<b>WEB</b>
<b>275082</b>	K1050-10PK	9-Student Kits, 1 Teacher Kit	<b>WEB</b>
<b>275083</b>	K1050-25PK	24-Student Kits, 1 Teacher Kit	<b>WEB</b>



### Nylon Conductive Tape

**Brown Dog Gadgets** Nylon fibers combined with nickel and copper result in a strong and highly conductive tape that won't leave a mess

on your LEGO™ bricks. One Ohm of resistance per foot. Tear resistant. 1/8"W x 16'L.

Stk.	Mfr.	Price
<b>275070</b>	P2029	<b>WEB</b>

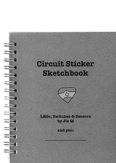


### Circuit Stickers Intro Pack

**Chibitronics** Create a light-up shining star card with this fun activity project! Build a simple circuit, and watch your star shine! Use the extra stickers and tape to make your own light-up creation.

**Includes** a colorful activity card, 3 circuit stickers, fabric tape, battery and binder clip.

Stk.	Mfr.	Price
<b>301904</b>	CT-KIT-INTRO I	<b>WEB</b>



### Circuit Stickers STEM Starter Kit

**Chibitronics** Circuit Stickers are a creative and fun way to learn electronics with LED circuits on peel-and-stick stickers. Build circuits without soldering, plugging wires or clips. Instead, use the stickers with conductive tapes to draw circuits on paper, fabric, plastic. Circuit

Sticker Sketchbook walks students through five circuit concepts including parallel circuits, switches and resistance-based sensors. Every activity comes with a circuit theory lesson, a template with drawing activity and an open-ended activity for students to design and create their own circuits.

**Includes** 12 LED stickers (6 white, 2 red, 2 yellow, 2 blue), 15' fabric tape, 2 coin cell batteries, Circuit Sticker Sketchbook and 2 binder clips.

Stk.	Mfr.	Price
<b>301900</b>	CT-KIT-STEM I	<b>WEB</b>



### Circuit Scribe Basic Kit

**Circuit Scribe** Circuit Scribe is a rollerball pen that writes with conductive silver ink. Making a circuit is as easy as doodling on paper. Then snap modules onto the circuit drawing along

with something magnetic. Explore basic circuit concepts like conductivity and work up to creating a touch-sensitive circuit using the NPN transistor. For 1-2 students. For ages 8+.

**Includes** conductive ink pen, circuit stencil, jumper sticker sheet, steel sheet, 9V battery adapter with 9V battery, 2 bi-LEDs, SPST switch, NPN transistor, 2-pin adapter with 5 resistors (100, 1k, 10k, 100k and 1M ohm), 2 capacitors (0.1uF, 1.0uF) and 1 photoresistor (10k ohms).

Stk.	Mfr.	Price
<b>306600</b>	CS-KIT-BASIC	<b>WEB</b>



### Circuit Scribe Super Kit

**Circuit Scribe** Teach anything from conductivity and resistance to parallel and series to transistors, diodes and other basic digital electronics. Build upon other subjects, such as timers, potentiometers and piezoelectric materials. Expand and supplement knowledge gained in your curriculum while teaching lessons relevant to today's world. For 1-2 students. For ages 8+.

**Includes** 9V battery with adapter, 2 LEDs, switch, transistor, dial, dimmer, blinker, buzzer, multi-colored LED, light sensor, conductive ink pen, circuit stencil, jumper sticker sheet, workbook and steel sheet.

Stk.	Mfr.	Price
<b>306601</b>	CS-KIT-SUPER	<b>WEB</b>



### Circuit Scribe Everything Classroom Kit

**Circuit Scribe** This kit is a great way to dive into electronics in your classroom or makerspace. The kit includes 30 sets of pens and modules to draw a wide variety of working circuits that use light, motion, and sound. Use it to dig into advanced concepts, or to use creative exploration to add the "art" into STEAM.

**Includes** 25 9V battery adapters, 5 USB adapters, 50 LEDs, 25 switches, 5 buzzers, 25 multi-colored LEDs, 25 dimmers, 5 double switch, 25 motors and foam wheels, 5 dials, 25 blinkers, 5 DIY connectors, 25 NPN transistors, 5 light sensors, 50 connector cables, 30 conductive ink pens, 25 steel canvases, 25 stencils, 1 inventor's notebook and 1 jumper sticker sheet.

Stk.	Mfr.	Price
<b>306608</b>	CS-CLASS-EVERYTH	<b>WEB</b>



### Circuit Scribe Intro Classroom Kit

**Circuit Scribe** This kit is the perfect way to introduce electronics to your classroom or makerspace. Geared toward younger students and more basic classes, it includes 25 sets of

pens and modules to draw basic working circuits that use power, LEDs, and switches. For ages 8+.

**Includes** 25 9V battery adapters, 50 LEDs, 25 switches, 5 multi-colored LEDs, 5 blinkers, 30 conductive ink pens, 25 steel canvases, 25 stencils, 1 inventor's notebook and 1 jumper sticker sheet.

Stk.	Mfr.	Price
<b>306607</b>	CS-CLASS-INTRO	<b>WEB</b>

### Circuit Scribe Conductive Ink Pen



**Circuit Scribe** A rollerball pen that writes with conductive silver ink. Making a circuit is as easy as doodling on paper. Simply draw a line - no shaking, squeezing or waiting for the ink to dry! Can be used on any surface a rollerball pen will write on. Draw 60'-200' with a single pen. For ages 8+.

Stk.	Mfr.	Qty.	Price
<b>306605</b>	CS-PEN-1ML	1	<b>WEB</b>
<b>306611</b>	CS-PEN-1ML-10X	10	<b>WEB</b>

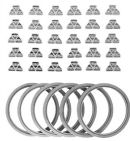
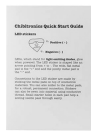


### Copper Tape

**SparkFun** Copper tape has countless applications in electronics from creating low-profile traces for electrical components to RF-shielding and antenna-making. Tape is backed by a conductive adhesive.

Stk.	Mfr.	Size	Price
<b>832707</b>	PRT-13827	5mm W x 50'L	<b>WEB</b>





### Circuit Stickers Classroom Pack

**Chibitronics** Circuit Stickers are a creative and fun way to learn electronics with LED circuits on peel-and-stick stickers. Build circuits without soldering, plugging wires or clips. Instead, use the stickers with conductive tapes to draw circuits on paper, fabric, plastic. Free downloadable Circuit Sticker Sketchbook walks students through five circuit concepts including parallel circuits, switches and resistance-based sensors. Every activity comes with a circuit theory lesson, a template with drawing activity and then an open-ended activity for students to design and create their own circuits.

**Includes** 90 LED stickers and 6 rolls of 16.4' fabric tape.

**Requires 3V lithium batteries (CR 2032), sold separately.**

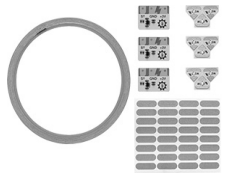
Stk.	Mfr.	Color	Price
<b>301901</b>	CT-KIT-CLASS30	White	<b>WEB</b>
<b>301910</b>	0797776092253	Red, Yellow, Blue	<b>WEB</b>



### Conductive Fabric Tape Patches

**Chibitronics** Conductive fabric tape patches make robust electrical connections that can survive creasing and hinging. Use it to patch gaps in copper tape, make T-junctions, build live hinges, or connect to the Love to Code products in a semi-permanent fashion.

Stk.	Mfr.	Size	Qty.	Price
<b>301908</b>	0797776092291	0.2" x 0.6"	64	<b>WEB</b>



### Light Sensor Materials Kit

**Chibitronics** Light Sensor stickers can turn the light level shining upon them into an analog voltage. You'll need a Chibi Chip + Clip, which can be re-used from the Creative Coding Kit or purchased separately. For ages 8+.

**Includes** 3 stickers, 9 white LED stickers, 16.4' of copper tape and 32 conductive fabric tape patches.

Stk.	Mfr.	Price
<b>301909</b>	073585001487	<b>WEB</b>



### Circuit Stickers Effects

**Chibitronics** Four effects stickers so you can add blink, fade, twinkle and heartbeat effects to your projects! Also, a fun stencil so you can plan your designs with our different sticker shapes. For ages 8+.

Stk.	Mfr.	Price
<b>301911</b>	0735850001418	<b>WEB</b>



### White LED Circuit Stickers

**Chibitronics** Brighten up your projects with white LED circuit stickers.

**Includes** 30 white LED circuit stickers.

Stk.	Mfr.	Price
<b>301902</b>	CT-LED-WHT	<b>WEB</b>



### Color LED Circuit Stickers

**Chibitronics** Color your world with the 30 LED circuit stickers.

**Includes** 10 red, 10 yellow and 10 blue LED circuit stickers.

Stk.	Mfr.	Price
<b>301903</b>	CT-LED-RYB	<b>WEB</b>



### Snap Circuits Base Electricity

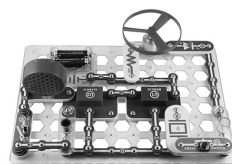
**Elenco** Students follow colorful pictures to build 9 exciting projects while learning basic electricity principles. Parts are mounted on

plastic modules and snap together easily. Projects: lamp current, batteries in series, triple voltage divider, heavy load, heavy flow, loop, fast bright, slow dim, find your own parts and current divider. For ages 8+.

**Includes** 12 parts and manual.

**Requires 3 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390394</b>	SCP-10	<b>WEB</b>



### Snap Circuits Jr.

**Elenco** Students will have hours of fun building more than 100 projects while learning the basics of electronics. Some experiments include: flying saucer, spin draw, sound activated switch, alarms & touch circuits and games.

**Includes** 30+ parts including a photoresistor, music IC, motor, space war IC and manual.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390339</b>	SC-100	<b>WEB</b>



### Snap Circuit Snaptricity®

**Elenco** This kit makes learning electronics easy and fun! Learn about magnetic fields, how the electricity in your home works, how switches control the electricity to the lights in your home, and how series and parallel circuits affect electricity. Just follow the colorful pictures in the manual and build exciting projects. For ages 8+.

**Includes** meter, electromagnet, motor, lamps, switches, fan compass and electrodes.

**Requires 3 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390363</b>	SCBE-75	<b>WEB</b>



### Snap Circuits Bric Structures

**Elenco** Kids can use their imagination to combine Snap Circuits® with ordinary building bricks to make endless combinations of construction and circuitry. With Bric-2-Snap technology, kids wire up their brick builds with lights, sounds, moving parts and 3D circuits to invent almost anything and make it go! For ages 8+.

**Includes** 20 component parts, 75 Bric-2-snap adapters, 140+ building bricks and project manual.

**Requires 3 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390429</b>	SCBRIC1	<b>WEB</b>



### Snap Circuits Discover Coding

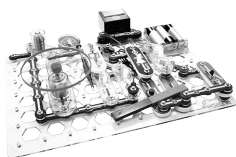
**Elenco** The Discover Coding kit is a great way to introduce students to coding, circuitry, electronics and more. It uses an easy graphical coding method to control lights, sounds and a motor. A coordinating app is available to download on a smartphone or tablet and control all Snap

Circuits projects. The illustrated full-color manual includes exciting coding challenges and all parts easily snap together without tools. For ages 8+.

**Includes** 30 parts, controller and manual.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390415</b>	SCD303	<b>WEB</b>



### Snap Circuits STEM Kit

**Elenco** Snap Circuits uses building pieces with snaps to assemble different electronic circuits on a simple "rows-and-columns" base grid that functions like a printed circuit board. Each component is easily identifiable by a different color

and functional purpose. Projects provide an understanding of magnetic fields, electricity and switches. Builds over 85 projects. For ages 8+.

**Includes** 45+ parts including meter, electromagnets, motor, lamps, switches, compass and LED.

**Requires 3 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390413</b>	SC-STEM1	<b>WEB</b>



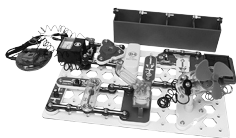
### Snap Circuits Light

**Elenco** Connect your smart phone or other device and enjoy your music as the lights change to the beat. The strobe light with spinning patterns will amaze you with its visual effects. Build over 175 exciting projects. For ages 8+.

**Includes** 55+ parts.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390356</b>	SCL-175	<b>WEB</b>



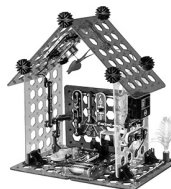
### Snap Circuits Green Kit

**Elenco** Snap Circuits® uses building pieces with snaps to assemble different electronic circuits on a simple "rows-and-columns" base grid that functions like a printed circuit board. Each

component is easily identifiable by a different color and purpose. Learn about energy sources such as geothermal, hydrogen fuel cells, wind, solar, tidal, hydro and others to build 125 projects. For ages 8+.

**Includes** 40+ parts including hand crank, solar cell, FM radio, rechargeable battery, windmill, clock and analog meter.

Stk.	Mfr.	Price
<b>390342</b>	SCG125	<b>WEB</b>



### Snap Circuits My Home Kit

**Elenco** Learn about circuitry, security systems, dimmer switches, automatic lights, alarms, motion detectors, fan speeds, appliance motors, generators, and much more! Build a house or city tower with real, working, 3D circuits, just like the ones you use every day. For ages 8+.

**Includes** 60+ parts and manual.

**Requires 3 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390370</b>	SC-MYH7	<b>WEB</b>



### Snap Circuits Discover Coding Kit

**Elenco** Learn the basics of coding, then code your own patterns of lights, sounds and moving parts. Learn about circuitry, electronics, and much more! Download the Snap Circuits® App and control Snap Circuits® projects using your smartphone or tablet to control lights, sounds and a motor! For ages 8+.

**Includes** 30+ parts, Bluetooth-powered SC controller and manual.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390369</b>	SCD303	<b>WEB</b>



### RC Snap Rover® Kit

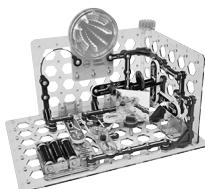
**Elenco** This innovative kit offers a fun, hands-on education in electronics, allowing kids to create rovers and other fun devices by snapping together working circuitry. Guide your

Snap Rover® with the easy-to-use remote control. Over 40 experiments, no soldering required. For ages 8+.

**Includes** 50+ parts, remote control and manual.

**Requires 9V and 6 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390344</b>	SCROV-10	<b>WEB</b>



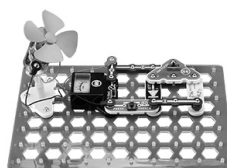
### Snap Circuits 3D Illumination

**Elenco** Use the building blocks with snaps to build the different electrical and electronic circuits in the projects. Each block has a function: there are switch blocks, light blocks, battery blocks, different length wire blocks, etc. Build over 150 projects or combine with other sets to build even more unique structures. For ages 8+.

**Includes** 50+ parts including vertical stabilizer, base grid stabilizer and base grid support.

**Requires 3 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390355</b>	SC-3DI	<b>WEB</b>



### Snap Circuits Green Energy

**Elenco** Teach the basics of electronics and modern alternative energy concepts such as electric cars, windmills and hand-generated power. Perfect for bringing out the environmentalists and future engineers in your classroom!

**Includes** 45 parts to create over 125 different projects such as FM radios, digital voice recorders, AM radios, burglar alarms, doorbells and more.

Stk.	Mfr.	Ages	Price
<b>390351</b>	SCG225	8+	<b>WEB</b>



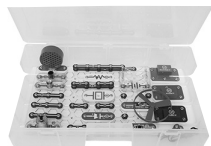
### Snap Circuits Extreme

**Elenco** Follow the colorful pictures in the manual and build projects such as FM radios, digital voice recorders, AM radios, burglar alarms, doorbells, and much more! All parts are mounted on plastic modules and snap together with ease. Build over 750 exciting projects, with no tools required. For ages 8+.

**Includes** 80+ parts, downloadable software and manual.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390343</b>	SC-750	<b>WEB</b>



### Snap Circuits Jr. Educational 100 Experiments

**Elenco** Follow the colorful pictures in the manual and build exciting projects such as a flying saucer, alarms, doorbells and much more! All parts are mounted on plastic modules and

snap together with ease. Enjoy hours of educational fun while learning about electronics. No tools required. For ages 8+.

**Includes** 30 parts including a photoresistor, music IC, motor, space war IC, 2 project books, student/teacher guides and case.

**Requires two AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390428</b>	SC-100R	<b>WEB</b>



### Snap Circuits Training Program

**Elenco** This program is an in-depth exploration of the electronic components included with the SC-750 Snap Circuits Extreme. The Student Guide includes 138 pages of educational curriculum, while the Teacher Guide is meant to prepare educators for proper introduction of Snap Circuits. The software in this product is not Mac-compatible. For ages 8+.

**Includes** parts, teacher guide, student guide and molded case.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390346</b>	SC-750R	<b>WEB</b>



### Snap Circuits Pro

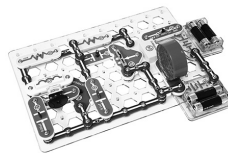
**Elenco** With this pro-version kit, students will build more than 500 projects and learn how 7-segment displays, meters, relays, transformers and diodes work. Some experiments include: FM radio, adjustable light control, digital voice

recorder, AC generator plus, experiments from Snap Circuits, Jr. and Snap Circuits Kits.

**Includes** 75+ parts including voice recording IC, FM radio module, analog meter, transformer, relay and 7-segment LED display.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390341</b>	SC-500	<b>WEB</b>



### Snap Circuits 300 Experiments

**Elenco** Snap Circuits make learning electronics easy and fun! Students follow colorful pictures to build exciting projects such as AM radios, burglar alarms, doorbells and more. Parts are mounted on plastic modules and snap together

with ease. No tools required. Students will build more than 300 projects while learning how transistors and capacitors function, how to make time delay circuits and how oscillators and photo sensors work. For ages 8+.

**Includes** 60+ parts including 2 transistors, microphone, power amplifier IC and variable capacitor.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390340</b>	SC-300	<b>WEB</b>



### Snap Circuits 300 Experiments Training Program

**Elenco** Provide your students with an in-depth exploration of electronic components. Each kit comes with a lightweight, durable case with custom foam inserts to store all Snap Circuits parts, along with guide books.

**Includes** CI-73 Computer Interface with 73 extra projects, 2 project books, Student Guide, Teacher Guide and storage case.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>390359</b>	SC-300R	<b>WEB</b>



### Pizza Racer

**Lectrify** What happens when you combine the best elements of brush bots, derby racers and design thinking using common craft materials? Introducing the pizza racer project! Use Shake It mini to provide students a fun platform to explore engineering and design concepts

including: mass and energy, transfer of energy, friction, and the scientific process. Each kit serves 10 students. For grades K-12.

**Includes** 10 Shake it minis, racer templates, glue dots, pennies and tape.

**Shown with pizza box, not included.**

Stk.	Mfr.	Price
<b>479002</b>	LECT-PIZZA	<b>WEB</b>



### Circuit Craft Pack

**Lectrify** Learn about simple circuits, conductivity and resistance while making open-ended circuit crafts. This classroom pack has everything needed to create circuit projects with

students. Students have the option to build and keep their projects intact. Build infinite projects with embeddable snap-off circuits. For grades K-12.

**Includes** 20 battery holders, 20 white LEDs, 10 color changing LEDs, cop-tape, conductive thread, conductive tape, extra batteries and case.

Stk.	Mfr.	Price
<b>479006</b>	LECT-CRAFTPACK	<b>WEB</b>



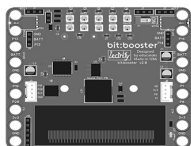


### Mobile Classroom Pack

**Lectrify** Pack has everything needed to conduct hands-on STEM projects with your students. Components come in a Milwaukee toolbox, with removable bins to make classroom management easier. Build infinite projects with embeddable snap-off circuits for kids, educators and makers. For grades K-12.

**Includes** 10 kits, 10 minis, 100 battery holders, 200 assorted LEDs, wooden legs, straws, copper tape, conductive thread, paper clips, extra batteries and case.

Stk.	Mfr.	Price
<b>479005</b>	LECT-MOBILECLASS	<b>WEB</b>



### Bit Booster

**Lectrify** The bit:booster is like a turbo-pack for your micro:bit that streamlines your exploration of physical computing. There is no need to purchase additional cables, batteries, electronics, etc. for students to jump into exciting coding projects in physical computing: robotics, games, science with sensors, IOT etc. Incorporate it into LEGO creations, control servo motors, sensors and provide power for micro:bit without battery packs. For grades 9-12.

**Includes** 5 how-to cards.

Stk.	Mfr.	Price
<b>479004</b>	LECT-BOOSTER	<b>WEB</b>



### Battery + LED Pack

**Lectrify** Students explore electricity by making paper clip circuits. In this activity, students gain familiarity with conductivity, resistance, the flow of electricity and how to make simple circuits! The lesson plan includes a hands-on activity as well as open-ended questions to help facilitate discussion and discovery. For grades K-5.

**Includes** 20 battery packs and 20 white LEDs.

Stk.	Mfr.	Price
<b>479003</b>	LECT-BATLED	<b>WEB</b>



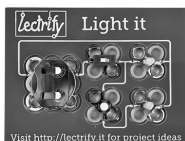
### Shake It Board

**Lectrify** The board's functioning circuit allows students to explore basic electronics concepts including simple circuits, circuits in series, resistance, and when removed from the board, conductivity.

The kit also lends itself to projects that explore the engineering process as well as specific engineering concepts including: friction, transfer of energy, the relationship between force and mass and centripetal force (from the eccentric rotating mass motor). For grades 3-5.

**Includes** battery, switch, potentiometer and vibrating motor.

Stk.	Mfr.	Qty.	Price
<b>479001</b>	LECT-SHAKE	1	<b>WEB</b>



### Light It Board

**Lectrify** The board has a functioning circuit that allows beginners to easily explore and gain self-confidence with basic electronics. Once students have explored the desired concepts using the board, they can remove the components and embed them into

their own projects. Note, once the components are removed from the board, they cannot be placed back on. For grades 3-5.

**Includes** 1 battery holder, 3V battery, 2 switches and 2 LEDs.

Stk.	Mfr.	Price
<b>479000</b>	LECT-LIGHT	<b>WEB</b>



### LED Extension Pack

**Lectrify** Light up your DIY projects with colored LEDs. Requires a power source, battery extension packs are recommended.

Stk.	Mfr.	Qty.	Price
<b>479007</b>	LECT-EXTPACK	1-Pack	<b>WEB</b>



### littleBits Workshop Set

**littleBits** This set is designed to facilitate creative inventing in individual or group settings. Complex Bits like the latch and threshold introduce logic to inventions. Find thousands of additional invention instructions online and on the app. Accommodates up to 16 individuals or 8 groups of 2 inventors. For grades 9-12.

**Includes** 8 of each bit (buttons, buzzers, DC motors, fans, forks, inverters, latches, light sensors, long LEDs, numbers, powers, pressure sensors, pulses, RGB LEDs, servos, slide dimmers, temperature sensors, thresholds), 16 wires, 8 battery/cables, 8 brick adapters, 16 motorMates, 8 mounting boards, 16 screwdrivers, 120 shoes and tackle box.

Stk.	Mfr.	Price
<b>505104</b>	670-0013-0000C	<b>WEB</b>



### Makey Makey Go

**Joy Labz** Change the world with the snap of an alligator clip, transforming everyday objects into Internet touchpads. When you connect something to the Makey Makey GO, the GO senses the capacity of that object to hold electricity. When you touch the connected object,

that capacity suddenly expands to include your whole body! And the GO senses the difference and sends a command to your computer. For ages 6+.

**Includes** 1 USB Invention Stick and 2.5' white alligator clip.

Stk.	Mfr.	Price
<b>513199</b>	MMGO	<b>WEB</b>



### Makey Makey Classic Kit

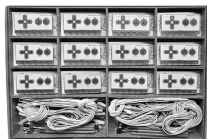
**Joy Labz** Connect the world around you to your computer! Setup takes just seconds. Make game controllers, musical instruments and countless inventions. Kit works through opening

and closing circuits, just like any other button. Instead of the circuit being closed underneath your keyboard, the circuit is closed through the conductive objects you connect with alligator clips like your hand or your lunch or some tinfoil. When the circuit is closed, the Makey Makey sends a command to your computer, just like when a button is pressed on a keyboard. Works with Mac and Windows. Ages 8+.

**Includes** Makey Makey board, USB cable, 7 alligator clips, 6 connector wires, instructions with visual project start guide, online documentation and 20 color stickers.

Stk.	Mfr.	Price
<b>513200</b>	MMCE	<b>WEB</b>





### Makey Makey STEM Pack

**Joy Labz** Ideal for classrooms, schools and workshops. Connect the world around you to your computer! Setup takes just seconds. Make game controllers, musical instruments and countless inventions. The kit works through

opening and closing circuits. Instead of the circuit being closed underneath your keyboard, the circuit is closed through the conductive objects you connect with alligator clips like your hand or some tinfoil. Works with Mac and Windows. For ages 8+.

**Includes** 12 Makey Makey Classics, 12 (6') alligator clips, 12 (6') connector wires, 72 extra alligator clips, 144 new and improved connector wires (for the back), 12 Circuit Scribe Conductive Ink Mini Pens and case.

Stk.	Mfr.	Price
<b>513197</b>	MMCK	<b>WEB</b>



### 100-in-1 STEM Lab Kit

**OWI** 100-in-1 Stem Lab will teach children how the world around them connects. Young scholars will learn about basic circuit connections as they construct 4 initial units (Maze Challenge, Flying Disc, Turbo Air, and Alarm System). For ages 8+.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>613490</b>	OWI-38917	<b>WEB</b>



### Squishy Circuits Lite Kit

**Squishy Circuits** Kit includes everything that you need to make your first Squishy Circuits light up quickly and easily. It is ideal for classrooms, parties, or events where every participant needs their own battery pack and

wants to get started building right away. Squishy Circuits uses conductive and insulating play dough to teach the basics of electrical circuits in a fun, hands-on way. There's no need for breadboards or soldering – just add batteries and pre-made doughs (or make your own dough with the provided recipes).

**Includes** battery holder, LEDs (5 ea. red, green, blue) and 7 oz. conductive dough (colors vary).

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>866002</b>	SQUISHLITE	<b>WEB</b>



### Squishy Circuits Standard Kit

**Squishy Circuits** Squishy Circuits is very simple and is based on 2 play doughs – one that is conductive (electricity flows through it) and one that is insulative (does not allow electricity to flow through it). Power is supplied by a battery pack and travels through the conductive

dough to provide power to LEDs (Light Emitting Diodes), buzzers, or motors (not included). The standard kit includes most of the components to be used with Squishy Circuits for more design creativity.

**Includes** piezoelectric buzzer, battery holder, LEDs (5 ea. of red, green, white, yellow, blue), 3.5 oz. insulating dough and conductive dough (3.5 oz. each red, green, blue).

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>866001</b>	SQUISHSTANDARD	<b>WEB</b>



### Squishy Circuits Deluxe Kit

**Squishy Circuits** This kit uses conductive and insulating play dough to teach the basics of electrical circuits in a fun, hands-on way.

There's no need for breadboards or soldering – just add batteries and pre-made doughs (or make your own dough with the provided recipes). Your creations come to life as you light them up with LEDs, make noises with buzzers, and spin with the motor. Power supplied by a 4 AA battery pack travels through the conductive dough to power LEDs, buzzers, or motors. The deluxe battery holder has a knob that controls your lights and buzzers.

**Includes** piezoelectric buzzer, motor with fan blade, mechanical buzzer, switch, deluxe battery holder, LEDs (5 ea. of red, green, white, yellow, blue, orange, purple and color changing), dough sculpting tools, rolling pin, 7 oz. white insulating dough and conductive dough (7 oz. ea. red, green, blue, yellow, orange, purple, black).

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>866000</b>	SQUISHDELUXE	<b>WEB</b>



### Squishy Circuits Group Kit

**Squishy Circuits** There's no need for breadboards or soldering – just add batteries and pre-made dough (sold separately). Let your

creations come to life as you light them up with LEDs, make noises with buzzers, and spin with the motor. Supports 1-30 students working in teams of 3.

**Includes** 10 piezoelectric buzzers, 10 switches, 10 motors with fan blades, 10 battery holders, LEDs (10 ea. of red, green, white, yellow, blue, orange, purple, color changing) and molded case.

**Requires 40 AA batteries and dough, sold separately.**

Stk.	Mfr.	Price
<b>866008</b>	SQUISHGROUP	<b>WEB</b>



### Squishy Circuits Conductive Dough Kit

**Squishy Circuits** Kit contains eight 7.5 oz. containers.

**Includes** 7 colors of conductive dough (red, orange, yellow, green, blue, purple, black) and 1 white insulating dough.

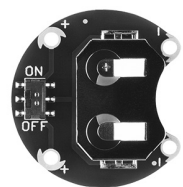
Stk.	Mfr.	Price
<b>866007</b>	CONDUDOUGH	<b>WEB</b>



### Squishy Circuits Insulating Dough

**Squishy Circuits** To make more advanced Squishy Circuits, insulating dough is required to prevent short circuits. Dough is designed to easily release from the conductive dough and does not dry out in the air.

Stk.	Mfr.	Size	Price
<b>866006</b>	INSULDOUGH	7.5 oz.	<b>WEB</b>

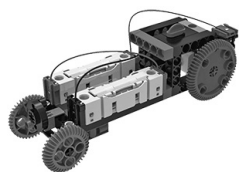


### Lilypad Coin Cell Battery Holder

**SparkFun** Battery holder has a small slide switch installed on the board, in-line with the power so you can shut off your project and save batteries. It holds a CR2032 battery and gives you 4 connection points (2 positive, 2 negative) for sewing into your project.

**Requires 3V coin cell battery, sold separately.**

Stk.	Mfr.	Price
<b>832703</b>	DEV-I3883	<b>WEB</b>



### Easy Electrics Kit

**Thames & Kosmos** Explore the science of electricity in a fun, hands-on way by building 20 electric circuits and motorized devices. Conduct experiments to learn about many electrical components and physical science principles firsthand. From circuit to circuit, you can see for

yourself the different effects the electric current has on the motor and the LED light. For ages 8+.

**Includes** 64 pieces.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>893697</b>	550041	<b>WEB</b>

## CODING

### Arduino Compatible Project Kits



#### Starter Pack for Arduino with Uno R3

**Adafruit** Heard about Arduino but not sure how to start? This bundle is designed for everyone, even people with little or no electronics and programming experience. The starter pack has everything you need (except tools) to begin your Arduino journey!

**Includes** Arduino Uno with Atmega328, 3' USB cable, protoshield kit V3, tiny breadboard, 9V DC wall adapter, 9V battery case (requires assembly) with switch and a 2.1mm plug, 2 potentiometers (10K, 1K), 2 pushbuttons, 5 red LEDs, 3 ultra-bright LED (red, green, blue), 15 resistors (5 each 100 ohm, 1K, 10K), CdS photocell sensor and 65 flexible breadboard wires.

Stk.	Mfr.	Price
<b>189500</b>	68	<b>WEB</b>



#### 101 Arduino Basics Starter Kit

**OSEPP** Master the basics and discover the fun of building things from scratch with this kit. It offers step-by-step instructions with diagrams and a large number of parts to get you started on projects like volt meter, LED game and more.

**Includes** OSEPP Uno R3 Plus, 6' USB type A to mini-B, 2 tact push switches, DIP switch, potentiometer (1K, 10K ohm), axial resistors (twenty 300 ohm, five 1K, five 10K ohm), 10 LEDs, two 7-segment LEDs, buzzer, 2 NPN transistors, breadboard, 40 ribbon jumper cables, 9V battery connector, 2 double-side tapes, information sheet, Arduino Uno diagram and container.

Stk.	Mfr.	Price
<b>533310</b>	ARD-01	<b>WEB</b>



#### 101 Sensor Basics Starter Kit

**OSEPP** Learn the basics of using sensors to create smart sensing objects in 15 lessons. No prior electronic knowledge required.

**Includes** sensor shield, 3-pin jumper wires, mini USB cable, 9V battery adaptor, female-to-female jumper cables, 4-digit touch sensor, fan motor, flame sensor, LED modules, light sensor, temperature sensor, passive infrared sensor, piezo sensor, potentiometer sensor, push button, reed switch, voltage module and ultrasonic module.

Stk.	Mfr.	Price
<b>615707</b>	SENS-01	<b>WEB</b>



#### 201 Arduino Basics Starter Kit

**OSEPP** Discover Arduino through easy and fun lessons. No prior electronics knowledge required. Kit comes with everything needed to build 15 projects across 8 categories: Temperature, light, LEDs, sound, ultrasonic, servo motors, stepper motors and LCD.

**Includes** OSEPP uno r3, 6' USB cable, 2 push switches, potentiometer, five 100 ohm axial resistors, twenty 330 ohm axial resistors, five 1k ohm axial resistors, five 10k ohm axial resistors, two 1m ohm axial resistors, 10 colored LEDs, buzzer, speaker, temperature sensor, photo cell, LCD 16x2, ultrasonic range finder, servo motor, stepper motor, stepper motor driver, breadboard, two 2-pin screw terminals, fifty 6" male-to-male jumper wires (10 ea. red, black, white, gray, blue) and ten 6" male-to-female jumper wires (white).

Stk.	Mfr.	Price
<b>615700</b>	ARD-02	<b>WEB</b>



#### DuinoKit Jr. Arduino Kit

**DuinoKit** DuinoKit Jr. is a complete prototyping kit based upon Arduino microprocessor technology. It hosts a variety of components and 20 "Missions" learning cards combined with our online "Show and Tell" forum to get started learning about electronics and programming. Each mission contains 3 additional

sub-missions for extra fun and learning. DuinoKit Jr. includes all parts, simply plug into your computer USB port and start programming.

**Includes** ultrasonic distance module, digital temperature and humidity sensor, RGB led, push button switches, real time clock, LED's, buzzer, CDS photo cell, potentiometer, rotary encoder, LCD back-lit display, infrared transmitter and decoder, Arduino compatible Nano microprocessor, jumper wires, USB cable to connect to computer and learning cards.

Stk.	Mfr.	Price
<b>342000</b>	DKJ	<b>WEB</b>



#### Arduino Essentials + Accessory Pack

**DuinoKit** Kit will help to introduce Arduino based electronics and programming. Create your own projects using LEDs, buzzer, real time clock, LCD display, RF communication, temperature, moisture modules and more! Components are built into the printed circuit board for easy identification and "plug and play" connectors. Unlimited projects and variations are possible. No soldering needed to build electronic projects.

**Includes** on board power regulator, CDS (Photo) cell, RF transceiver, LM35 analog temperature sensor, 4 digit 7 segment LED clock display, MAX7221 shift register, IR transmitter and decoder, 8x8 LED matrix, stepper motor and driver module, RGB LED, Reed switch 1602 LCD back-lit display, Arduino compatible NANO microprocessor, UNO footprint shield, real time clock, microphone, buzzer, rotary encoder, digital temp/humidity sensor, ultrasonic distance module, 75 jumper wires, USB cable, learning reference cards, mini-breadboard, 24 LEDs with resistors, resistor, 7 capacitors, 4 transistors and 4 diodes.

Stk.	Mfr.	Price
<b>342001</b>	DKE	<b>WEB</b>

## Arduino Compatible Project Kits



### Inventor's Kit v4.1

**SparkFun** Inventor's Kit is a great way to get started with programming and hardware interaction with the Arduino programming language. Includes everything needed to complete 5 overarching projects consisting of 16 interconnected circuits that teach everything from blinking an LED to reading sensors. The kit does not require any soldering. For ages 10+.

**Includes** RedBoard Qwiic, Arduino and Breadboard holder, white solderless breadboard, mini screwdriver, 16x2 white-on-black LCD, motor driver, pair rubber wheels, pair gear motors, small servo, ultrasonic distance sensor, temp sensor, 6' USB micro-B cable, jumper wires, photocell, tricolor LED, RBYG LEDs and tactile buttons, 10K trimpot, mini power switch, speaker, AA battery holder, 330 and 10K resistors, binder clip, dual-lock fastener, molded case and inventor's guidebook.

Stk.	Mfr.	Price
<b>832712</b>	KIT-15267	<b>WEB</b>



### Digital Sandbox Lab Pack

**SparkFun** Pack includes 10 complete kits and 10 add-on packs. Each kit includes everything needed to complete 16 circuits that will control an LED, measure how loud things are, drive motors and more. By interfacing the Sandbox to your computer via a USB cable, the Sandbox

can be programmed using the popular Arduino programming environment. Using ArduBlock, you will be able to program all of the experiments with a simple graphical interface instead of writing code. The hardware boards, cables and extra parts come pre-packaged. The full-color guide contains step-by-step instructions on how to connect circuits with parts. For ages 8+.

**Includes** 10 Digital Sandbox (Digital Sandbox Board, clear acrylic base-plate, USB mini-B 6' cable, instruction manual, 4 Phillips machine screws, 4 standoffs) and 10 Digital Sandbox Add-On (servo, hobby motor, RedBot buzzer, male header).

Stk.	Mfr.	Price
<b>832705</b>	LAB-13111	<b>WEB</b>

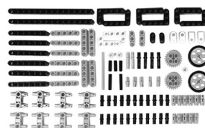


### Itty Bitty Buggy Kit

**Microduino** This 5-in-1 programmable robot has endless design possibilities and exciting configurations for your STEM classroom. Itty Bitty Buggy comes with a base Buggy plus 4 opportunities to build a sloth, a ladybug, a dodo bird and an alien. Robot is programmable in Scratch, Python or Arduino. Each project is controllable over Bluetooth with Microduino's app (Android / iOS). With programming instructions included, creating an Itty Bitty Buggy teaches kids the logic behind the function while they are building and playing. For ages 8+.

**Includes** Buggy core, body, connector wire, building blocks, music map and USB to micro USB cable.

Stk.	Mfr.	Price
<b>534905</b>	MKMC101E	<b>WEB</b>



### Itty Bitty Buggy Creative Expansion Pack

**Microduino** With this creative expansion kit, modify any one of the projects that come with the Itty Bitty Buggy or create your own. Create Push-Up Jim, Tommy Turkey and Pull-Up Jim. Add more arms, legs or whatever your imagination can dream of. All pieces compatible with Itty Bitty Buggy (sold separately). For ages 8+.

**Includes** 100 pieces.

Stk.	Mfr.	Price
<b>534906</b>	MAAG32A	<b>WEB</b>



### mCookie 102 Basic Kit

**Microduino** Basic Kit is a do it yourself, modular electronics kit featuring Microduino's mCookie modules. Arduino compatible kit is ideal for beginners and educators looking to

learn or teach electronics and programming. The kit eliminates the need for wiring by making electronics easily connectable. With the magnetic stackable design it is as simple as snapping pieces together! mCookie modules are LEGO® compatible (not included). This makes creating projects quick and easy. Simply stack the modules and place them into a LEGO® build! Each module is color coded based on its role. Grab what is needed for a project and stack them together!

**Includes** 4 modules, 2 trinkets, 5 sensors, MicroUSB cable, 8 sensor cables, servo, servo adapter, USB flash drive and manual.

Stk.	Mfr.	Price
<b>534900</b>	MKMC512E	<b>WEB</b>



### mCookie 202 Advanced Kit

**Microduino** The mCookie Series eliminates the need for wiring by making electronics easily connectable. With the magnetic stackable design it is truly as simple as snapping pieces together! mCookie modules are LEGO® compatible (not included). Arduino compatible kit is an excellent learning tool

for absolute beginners and educators who want to learn about or teach electronics and programming. Kit contains a set of beginner-friendly modules. Each module is color coded based on its role. Grab what is needed for a project and stack them together! Red (brains and logic), blue (communication), yellow (function) and green (extension).

**Includes** 8 modules, mBattery, 3 trinkets, 11 sensors, earphone adapter, 2 IO adapters, MicroSD card and reader, MicroUSB cable, remote control, 16 sensor cables, servo and adapter, 2 speakers and manual.

Stk.	Mfr.	Price
<b>534901</b>	MKMC522E	<b>WEB</b>



## Arduino Compatible Project Kits



### mCookie 302 Expert Kit

**Microduino** Expert kit is a do-it-yourself, easily connectable, modular electronics kit. Arduino compatible kit is perfect for beginners and educators looking to learn or teach electronics and programming. This kit features the

beginner friendly mCookie Series modules, sensors and trinkets. With the addition of motors in this kit you can now add motion to your projects. The Motion module can help detect movement and orientation with its gyroscope and accelerometer. In addition, the Wi-Fi module enables your project to connect to the internet. Each module is color coded based on its role. Red (brains and logic), blue (communication), yellow (function) and green (extension).

**Includes** 12 modules, mBattery, 6 trinkets, 15 sensors, earphone adapter, 4 IO adapters, 2 motors, MicroSD card and reader, MicroUSB cable, remote control, 24 sensor cables, 2 servos, servo adapter, 2 speakers, 2 wheels and manual.

Stk.	Mfr.	Price
<b>534902</b>	MKMC532E	<b>WEB</b>



### mCookie Itty Bitty City Kit

**Microduino** An 8-in-1 project kit which features mCookie modules. Arduino compatible kit doesn't require wiring or soldering. Each project introduces new concepts and ideas related to programming

and electronics. The code for each project is freely available for modification. With its LEGO® compatible pieces bring projects to life! Forming project ideas then building and coding them couldn't be easier. Each module is color coded based on its role. Projects include: piggy bank, finger basketball, reflex battle, windmill, lighthouse, music box, night light and smart car.

**Includes** 3 modules, mBattery, 7 sensors, 3 trinkets, 2 balls, 136 building blocks, MicroUSB cable, 2 motors, Omni-Wheel, remote control, black tape roll, rubber sleeve, 16 sensor cables, set of music cards, USB flash drive, 2 wheels and manual.

Stk.	Mfr.	Price
<b>534903</b>	MKMC601E	<b>WEB</b>



### PodPi Adventures Kit Modules 0-3

**PodPi** PodPi kits provide an immersive STEM learning experience in electronics and coding. Introduce your students to hands-on electronics and JavaScript programming with Arduino and PodPi comic books. The combination of technology and literacy will engage students in learning these critical skills in a new

and exciting way. In classrooms, students learn on their own or in pairs to foster collaboration. Adventures Kit combines the first 4 PodPi modules: Getting Started with Arduino, To the Island, Fireworks and Juggle with Matrix for many hours of learning. Each comic book provides 3-6 hours of lessons including experiments. For grades 4-8.

**Includes** (with each kit) Arduino board, USB cable, prototype shield with mini breadboard, a set of wires, LEDs (and RGB), resistors, buttons, potentiometer, sensors, a servo motor, 8 PodPi comic books, 400 ties breadboard, new cables, additional resistors and LED, 10mm large RGB LEDs, buttons, sensors, 8x8 LED matrix and plastic case.

Stk.	Mfr.	Item	Price
<b>940506</b>	MODULE-0-1-2-3-1	1 Kit for 2 Students	<b>WEB</b>
<b>940507</b>	MODULE-0-1-2-3-3	3 Kits for 6 Students	<b>WEB</b>
<b>940508</b>	MODULE-0-1-2-3-5	5 Kits for 10 Students	<b>WEB</b>



### PodPi Island Kit Modules 2-3

**PodPi** PodPi kits provide an immersive STEM learning experience in electronics and coding. Introduce your students to hands-on electronics and JavaScript programming with Arduino and PodPi comic books. The combination of technology and literacy will engage students in learning these critical skills in a new and

exciting way. In classrooms, students learn on their own or in pairs to foster collaboration. Kit comes with modules Fireworks and Juggle with Matrix. Each comic book provides 3-6 hours of lessons including experiments. For grades 4-8.

**Includes** (with each kit) 400 ties breadboard, new cables, additional resistors and LED, 10mm large RGB LEDs, buttons, sensors, 8x8 LED matrix and plastic case.

**Requires Module 0 or an Arduino board with prototype shield, sold separately.**

Stk.	Mfr.	Item	Price
<b>940503</b>	MODULE-2-3-1B	1 Kit for 2 Students	<b>WEB</b>
<b>940504</b>	MODULE-2-3-3B	3 Kits for 6 Students	<b>WEB</b>
<b>940505</b>	MODULE-2-3-5B	5 Kits for 10 Students	<b>WEB</b>



### PodPi Starter Kit Modules 0-1

**PodPi** PodPi kits provide an immersive STEM learning experience in electronics and coding. Introduce your students to hands-on electronics and JavaScript programming with Arduino and PodPi comic books. The combination of technology and literacy will engage students in learning these critical

skills in a new and exciting way. In classrooms, students learn on their own or in pairs to foster collaboration. Starter Kit comes with modules Getting Started with Arduino and To the Island. Each comic book provides 3-6 hours of lessons including experiments. For grades 4-8.

**Includes** (with each kit) Arduino board, USB cable, prototype shield with mini breadboard, a set of wires, LEDs (and RGB), resistors, buttons, potentiometer, sensors, a servo motor, 4 PodPi comic books and plastic case.

Stk.	Mfr.	Item	Price
<b>940500</b>	MODULE-0-1-1B	1 Kit for 2 Students	<b>WEB</b>
<b>940501</b>	MODULE-0-1-3B	3 Kits for 6 Students	<b>WEB</b>
<b>940502</b>	MODULE-0-1-5B	5 Kits for 10 Students	<b>WEB</b>



### Hyperduino Diorama and Posterboard Kit

**Hyperduino** All the pieces you need for an interactive maker project. Lights and sensors are easy and quick to add to school projects, models and art installations. Enough connecting wires and LEDs for 2+ projects. Control a

maximum of 12 LEDs and 12 touch sensors in one project with the Hyperduino. For ages 7+.

**Includes** Hyperduino board, Funduino micro-controller, USB cable, 12-point touch sensor easy-connect ribbon cables, 2 pre-attached flashing colors LEDs on easy-connect ribbon cable, 25 pouchpoints, 20 extension wires, hole-making tool for LEDs, Practice "mini tri-fold" model and glue stick.

Stk.	Mfr.	Price
<b>477960</b>		<b>WEB</b>



## Arduino Compatible Project Kits



### HyperDuino Interactive Projects Mini Set

**HyperDuino** A great option for those just starting out with coding in the classroom. The complete set has six kits to share among 12 projects, plus 18 additional sets with LEDs and touchpoints, which is enough supplies for 30 interactive maker projects. For ages 7+.

**Includes** 6 HyperDuino Starter Kits with Audio Narration Add-on, 18 easy-connect touch sensor cables, 36 flashing colors LEDs easy-connect cables, 6 servos & motors, and "HyperDuino Ideas" book.

Stk.	Mfr.	Price
<b>477961</b>	502B	<b>WEB</b>



### HyperDuino Makerspace Set

**HyperDuino** Everything you need for 150 students working in pairs (75 teams) and sharing 15 boards between classes. Boards are easy to disconnect and reconnect. There are 75 sets of touch sensors and LEDs. For ages 7+.

**Includes** 15 HyperDuino boards, 15 Funduinos micro-controllers, 15 USB cables, 15 foam pads, 75 touch sensor ribbon cables, 150 flashing colors LEDs cables, 1,875 touchpoints, 15 RGB LEDs, 15 photocell sensors, 15 temperature sensors, 15 active buzzers, 15 pushbutton switches, 15 glue sticks, 15 hole-making tools for LEDs, 15 extension wires, 6 small motors & propellers, 6 servos, 15 Audio Narration Modules, 2 "HyperDuino Ideas" books and 75 Example "practice" Volcano tri-fold mini-poster demos.

Stk.	Mfr.	Price
<b>477962</b>	514B	<b>WEB</b>



### Makeblock Neuron Inventor Kit

**Makeblock** Kit is an essential package of Makeblock Neuron programmable electronic building blocks including sound, light and sensor. Combined with intuitive graphical programming, Makeblock Neuron

encourages all creators to turn their ideas into real, working gadgets. For ages 6+.

**Includes** power, funny touch, USB cable, Bluetooth, GND wire, 9 neuron board, buzzer, funny switch, 36 friction pin connectors, dual servo driver, LED panel, 20 rubber bands, servo and gyro sensor.

Stk.	Mfr.	Price
<b>512500</b>	P1030001	<b>WEB</b>

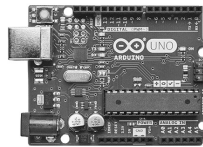


### Zubi Flyer Hackable Frisbee

**Fuze** Learning electronics and real code is as easy as 1,2,3, Build, Hack, Play. Whether inside or outside, Zubi Flyer shows kids how stuff works! Put on your FuzePlay Star Diffraction Glasses and push buttons or wave the magnet wand to hack into fun games, sounds and light sequences. Go outside and play frisbee with a friend or plug the Zubi Flyer into your computer to code the Arduino (ATmega32u4) microcontroller, LEDs, Piezo Buzzer, photocell light sensor and button and reed switches. Easy to assemble. For ages 8+.

**Includes** Zubi Flyer Frisbee, illuminator printed circuit board, magnet wand, instruction booklet, happy face micro-USB, 2 pair diffraction glasses, battery and accessory box.

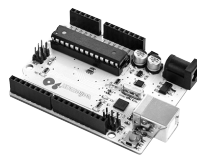
Stk.	Mfr.	Price
<b>415200</b>	ZUBI01	<b>WEB</b>



### Arduino Uno Board

**Arduino** Arduino Uno is a microcontroller board based on the ATmega328. It has 14 digital input/output pins (6 can be used as PWM outputs), 6 analog inputs, 16 MHz crystal oscillator, USB connection, power jack, ICSP header, and reset button. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable or power it with a AC-to-DC adapter or battery to get started. Uno differs from all preceding boards in that it does not use the FTDI USB-to-serial driver chip. Instead, it features the Atmega8U2 programmed as a USB-to-serial converter. Revision 2 of the Uno board has a resistor pulling the 8U2 HWB line to ground, making it easier to put into DFU mode.

Stk.	Mfr.	Price
<b>533300</b>	78T1601	<b>WEB</b>

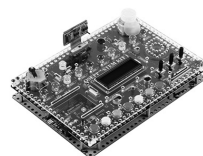


### ATmega328 Uno Development Board

**Velleman** Arduino Uno compatible microcontroller board based on the ATmega328. It has 14 digital input/output pins (of which 6 can be used as PWM outputs), 6 analog inputs, 16 MHz ceramic resonator, USB connection, power jack, ICSP header and reset button. It contains everything needed to support the microcontroller.

Connect it to a computer with a USB cable, power it with a AC-to-DC adapter or battery to get started.

Stk.	Mfr.	Price
<b>949260</b>	VMA100	<b>WEB</b>

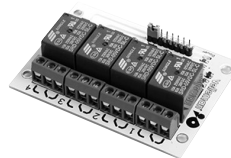


### STEM Kit I

**OSEPP** The ultimate tool for anyone learning how to code in the Arduino language. No experience required. This kit will teach you the 8 most commonly used inputs and outputs in the Arduino environment. Once you have mastered these functions using the OseppBlock IDE, you will be well on your way to programming using the Arduino IDE without the graphical 'block' support. For ages 10+.

**Includes** OSEPP UNO R4 Plus Board, tutorial booklet and case.

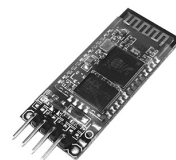
Stk.	Mfr.	Price
<b>615701</b>	STEM-01	<b>WEB</b>



### 4-Channel Relay Module

**Velleman** This 4-channel relay interface board can control various appliances and other equipment with high current. It can be controlled directly by any micro-controller.

Stk.	Mfr.	Price
<b>949266</b>	WPM400	<b>WEB</b>



### Bluetooth Module HC-06

**OSEPP** Module allows your projects to wirelessly communicate, whether you're looking to control an Arduino with a smart phone, or pair multiple Arduinos to each other.

Stk.	Mfr.	Price
<b>615713</b>	BTM-01	<b>WEB</b>

## Arduino Compatible Project Kits

### Bluetooth HC-05 Transmission Module

**Velleman** Arduino compatible module allows you to integrate a microcontroller into a Bluetooth network.



Stk.	Mfr.	Price
<b>949263</b>	WPI302	<b>WEB</b>

### Ultrasonic Sensor Module

**OSEPP** All-in-one ultrasonic 5V transmitter and receiver sensor with range up to 400 cm. 100% Arduino compatible. For ages 5+.



Stk.	Mfr.	Price
<b>615710</b>	HC-SR04	<b>WEB</b>

### 16 x 2 LCD Display & Keypad Shield

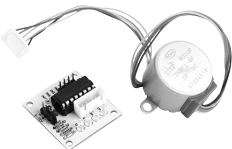
**OSEPP** Interfaces with the Arduino board using digital pin 4 to 10 and analog pin 0. Contrast can be adjusted via a trim pot and the backlit can be turned on and off. 5V compatible.



Stk.	Mfr.	Price
<b>615714</b>	I6X2SHD-01	<b>WEB</b>

### Stepper Motor with Driver Board

**Velleman** 5 VDC stepper motor controlled by the ULN2003 driver can be used with any Arduino or compatible boards via jumper leads. 4-phase LED indicates the status of the stepper motor.



Stk.	Mfr.	Price
<b>949267</b>	WPI401	<b>WEB</b>

### PowerBoost 500C Charger

**Adafruit** The ideal power supply for powering your robot, Arduino project or single-board-computer such as Raspberry Pi. With a built-in battery charger circuit, you'll be able to keep your project running even while recharging the battery.

This DC/DC boost converter module can be powered by any 3.7V Li-ion/LiPoly battery (not included), and convert the battery output to 5.2V DC for running your 5V projects.

**Includes** fully assembled and tested PowerBoost 500C + USB jack.



Stk.	Mfr.	Price
<b>189501</b>	I944	<b>WEB</b>

### Touch Screen for Arduino Uno/MEGA

**Velleman** 2.8" color touch screen for Arduino Uno/MEGA.



Stk.	Mfr.	Price
<b>949268</b>	VMA412	<b>WEB</b>

### Sensor Kit DEV-16156

**SparkFun** With everything included in this kit, you'll be able to sense gesture, humidity, temperature, motion, touch, sound, altitude, acceleration and more. SparkFun Sensor Kit now includes several sensor boards that feature the Qwiic Connect System for rapid prototyping. Compatible with Arduino.



**Includes** reed switch, magnet square, force sensitive resistor, mini photocell, optical detector/phototransistor, environmental combo breakout, SoftPot, IMU breakout, and piezo vibration, motion, flex, gesture and soil moisture sensors.

Stk.	Mfr.	Price
<b>832713</b>	DEV-16156	<b>WEB</b>

## MakerBit Compatible Project Kits

### MakerBit Mini-Makerspace Set

**MakerBit** This is a good starting set that will give you 6 MakerBit plus 6 micro:bit units which can be shared among different projects, 6 each motors and servos, and 18 additional Project Sets with LEDs, touchpoints, LED and touch ribbon cables, which is enough for 30 interactive maker projects.

**Includes** 6 MakerBit Starter Kits, 6 audio kits, 18 touch cables, 18 sets of touchpoints + LEDs, LED easy-connect ribbon cables (18 mixed, 18 red, 18 blue), 6 Servos and motors and 6 LCD digital displays.



Stk.	Mfr.	Price
<b>477958</b>	1113M	<b>WEB</b>

### MakerBit Makerspace Set

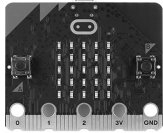
**MakerBit** This makerspace set will give you 30 MakerBit units, 30 BBC micro:bit micro-controllers, 6 motors and servos, plus 150 sets of LEDs, touchpoints and cables, enough for 5 classes of 30 students each.



**Includes** 30 each (MakerBit boards, micro-controllers, micro-USB cables, foam pads), 150 touch sensor easy-connect ribbon cables, 3,750 Touchpoints, 75 mixed LED easy-connect cables, LEDs (900 each red, green, yellow, blue), 450 multi-color flashing LEDs, LED ribbon cables (150 each red, blue), 30 each (RGB LEDs, photocell sensors, temperature sensors, active buzzers, LED hole-making tools, extension wires), 6 each (small motors plus gears and propellers, 180° 9g servos, 2-conductor dual socket connecting wires, 3-conductor dual pins connecting wires) and 8 audio modules.

Stk.	Mfr.	Price
<b>477959</b>	1114M	<b>WEB</b>

## Micro:Bit Compatible Project Kits



### Micro:Bit v2 Board

**SparkFun** The micro:bit board is a pocket-sized computer that lets you get creative with digital technology. Code, customize and control your micro:bit from anywhere! Use micro:bit for unique creations, from robots to musical instruments and more. At half the size of a credit card, you will be surprised at the amount of hardware each board is equipped with, including 25 red LEDs that can flash messages. The micro:bit features an embedded compass, accelerometer, mobile and web-based programming capabilities.

**Micro:bit does not include cables or power sources. We recommend a micro:bit AA battery holder or a micro USB cable to power your board.**

Stk.	Mfr.	Price
<b>832715</b>	DEV-17287	<b>WEB</b>



### micro:bit v2 Go Bundle

**SparkFun** This kit provides you with everything you need to get hooked up and powered. You can use your micro:bit for all sorts of unique creations, from robots to musical instruments and more. Each board is equipped with 25 red LED lights that can flash messages,

plus 2 programmable tactile buttons, and a touch sensitive logo that can be used to control games or pause and skip songs on a playlist. It can also use Bluetooth Low Energy (BLE 5.0) to interact with other devices and the Internet.

**Includes** (with each kit) micro:bit v2 board, 6" micro USB cable, battery holder and 2 AAA batteries.

Stk.	Mfr.	Qty.	Price
<b>832716</b>	DEV-17288	1 Kit	<b>WEB</b>
<b>832717</b>	KIT-17290	10 Kits	<b>WEB</b>



### Crazy Circuits Bit Board Basic

**Brown Dog Gadgets** The Bit Board allows users to combine Micro:Bit and LEGO® together to create all sorts of amazing projects! Connect other Crazy Circuits components with the included Maker Tape! Use a ribbon cable to

connect sensors, or directly plug a servo into the Bit Board. Use the built-in relay to control DC motors and devices.

**Includes** bit board, USB cable, 16' x 1/8" Maker tape and 2 AAA battery holder.

**Micro:Bit and LEGO® sold separately.**

Stk.	Mfr.	Price
<b>275058</b>	K1043	<b>WEB</b>



### Crazy Circuits Bit Board Kit

**Brown Dog Gadgets** Welcome to the world of programming and automation with Micro:Bit! With this kit you can snap the Bit Board onto any LEGO® compatible component, connect other Crazy Circuits components with the included Maker Tape and use a ribbon cable to connect sensors, or directly plug a servo into the Bit Board.

**Includes** bit board, USB cable, 16' x 1/8" Maker tape, 2 AAA battery holder, 2 jumbo pushbuttons, 4 jumbo LEDs, NeoPixel and potentiometer.

Stk.	Mfr.	Price
<b>275055</b>	K1040	<b>WEB</b>



### Crazy Circuits Bit Board Classroom Set

**Brown Dog Gadgets** Complete solution for teaching basic Micro:Bit programming and modifying more complicated code. Teachers pass out boxes to groups of students and use the continually-updated online curriculum and resources to run lessons. Student Box has complete set of supplies for 3-5 students. Kits also include Maker Tape conductive tape for connecting parts to brick based building environment. Ages 10+.

**Includes** (in each Student Kit) micro:bit, 4 Small Pushbuttons, 4 LEDs, 4 LEGO Pieces, 2 Ribbon Cable Bundles, Slide Switch, Neopixel, RGB LED, Potentiometer, Piezo Speaker, micro:bit™ adapter, Roll 1/8" Maker Tape, Battery Holder, USB Cable, Alligator Clips, LEGO Compatible Servo + connector, LEGO Base Plate, Distance Sensor, 7-Segment Display and Thumb Stick.

### with Micro:Bit

Stk.	Mfr.	Item	Price
<b>275092</b>	K1052-01PK-MB	1 Student Kit	<b>WEB</b>
<b>275093</b>	K1052-05PK-MB	4-Student Kit, 1 Teacher Kit	<b>WEB</b>
<b>275094</b>	K1052-10PK-MB	9-Student Kit, 1 Teacher Kit	<b>WEB</b>
<b>275095</b>	K1052-25PK-MB	24-Student Kit, 1 Teacher Kit	<b>WEB</b>

### without Micro:Bit

Stk.	Mfr.	Item	Price
<b>275088</b>	K1052-01PK	1 Student Kit	<b>WEB</b>
<b>275089</b>	K1052-05PK	4-Student Kit, 1 Teacher Kit	<b>WEB</b>
<b>275090</b>	K1052-10PK	9-Student Kit, 1 Teacher Kit	<b>WEB</b>
<b>275091</b>	K1052-25PK	24-Student Kit, 1 Teacher Kit	<b>WEB</b>



### Finch Robot 2.0 with Micro:Bit

**Bird Brain** Robot brings computer science to life by providing students from K to college a hands-on representation of their code. Features bluetooth wireless connection, 5 tri-color LEDs, multi-tonal buzzer, wheel encoders for precise and accurate movement, 2 light sensors, 1

distance / obstacle / ultrasonic sensor and 2 infrared line tracking sensors. Robot will launch with access to the following programming languages: FinchBlox, BirdBlox, MakeCode, Snap!, Python and Java. For age 5+.

**Includes** (with each kit) Finch Robot 2.0, micro:bit and micro USB cable.

Stk.	Mfr.	Qty.	Price
<b>233720</b>	FR-2-MBIT	1	<b>WEB</b>
<b>233721</b>	FR-2FLOCK-MB	5	<b>WEB</b>

## Raspberry Pi Compatible Project Kits

### Raspberry Pi 3 B+ Starter Kit

**SparkFun** This starter kit is a great way to gain a solid introduction to the small, credit-card-sized computer. With this kit you will be able to get your Raspberry Pi 3 B+ connected through the SparkFun Pi Wedge to a breadboard and, by utilizing the RPi's 40-pin GPIO, will be able to control pushbuttons, LEDs and a host of user-created circuits.

**Includes** Raspberry Pi 3 B+, Pi wedge, FTDI basic breakout, breadboard, Pi Tin, 16GB micro SD (preloaded with OS), micro SD USB reader, multicolor buttons, assorted LEDs, resistor 330 ohm 1/6 watt PTH, GPIO ribbon cable, USB mini-B cable, wall adapter and jumper wires.

Stk.	Mfr.	Price
<b>832714</b>	KIT-15361	<b>WEB</b>





### Raspberry Pi 4 Model B Starter Kit

**Multicomp Pro** A great start to getting up and running, this kit provides the core products needed to start exploring the world of Raspberry Pi™. Just add your keyboard, mouse and monitor.

**Includes** Raspberry Pi with case, power supply, HDMI cable and microSD card.

Stk.	Mfr.	Price
<b>533327</b>	RPI4-MP-STARTER	<b>WEB</b>



### Raspberry Pi 4 Model B Desktop Kit

**Raspberry Pi** This ultra-small, affordable computer can be used to learn coding, build robots, and create all kinds of weird and wonderful projects. This kit includes everything you need to get started using the Raspberry Pi, including a keyboard and mouse. Just connect it to one or two HDMI displays.

**Includes** Raspberry Pi with case, keyboard, mouse, 2 HDMI cables, power supply and microSD card.

Stk.	Mfr.	Price
<b>533326</b>	SC0400US	<b>WEB</b>



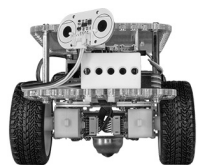
### Ultimate Inventor Kit For Raspberry Pi

**OSEPP** Enhance your Raspberry Pi class with this exciting and educational starter kit. With over 200 components for 73 projects, students will have hours of fun while learning how to use their Raspberry Pi with 4 different coding languages.

**Includes** 224 components and molded case.

**Requires Raspberry Pi, Micro or Type-C USB cable, 5V power adapter and Micro SD card, sold separately.**

Stk.	Mfr.	Price
<b>615720</b>	URPI-01	<b>WEB</b>



### GoPiGo Raspberry Pi Robot Kit

**GoPiGo** Everything you need to start your journey into robotics. GoPiGo helps you build a powerful little robot with the Raspberry Pi computer. It's perfect for exploring robotics, coding and the frontiers of computer science. Build a bridge from coding

basics in Bloxter to cutting edge computer science skills with Python and Jupyter notebooks. GoPiGo has the power of Raspberry Pi, interactive Python, and a suite of pre-installed libraries to help you and your students explore cutting edge computer science activities. For ages 13+.

**Robot Kit Includes** robot chassis, electronic board, Raspberry Pi computer (3B+), DexterOS microSD card, rechargeable battery, distance sensor, servo package and camera/distance sensor mount.

Stk.	Mfr.	Price
<b>335990</b>	DT-BN-GP03-I	<b>WEB</b>

**Robot Group Kit Includes** 5 robot chassis, 5 electronic boards, 5 Raspberry Pi computers (3B+), 5 DexterOS microSD cards, 5 rechargeable batteries, 5 distance sensors, 5 servo packages, 5 camera/distance sensor mounts, 5 LED packs, 15 sensor mounts, plus storage tubs and extra parts.

Stk.	Mfr.	Price
<b>335992</b>	DT-BN-GPG3GROUPS-I	<b>WEB</b>



### GoPiGo Core Raspberry Pi Robot Kit

**Dexter** GoPiGo Core gives you the essential components needed to turn the Raspberry Pi into a robot. It supports multiple programming languages. Build a bridge from coding basics in Bloxter to cutting edge computer science skills with Python and Jupyter notebooks. GoPiGo has 5 connection ports for attaching sensors or actuators, making it easy to invent the robots of your dreams. No soldering required. For ages 13+.

**Includes** robot chassis, electronic board, microSD card and rechargeable battery.

**Requires Raspberry Pi, sold separately.**

Stk.	Mfr.	Price
<b>335991</b>	DT-BN-GPG3CORE-I	<b>WEB</b>



### Kano Motion Sensor Kit

**Kano** Wave your hand and make magic. Kit works with the Kano app. It uses simple steps, storytelling, and practical projects to help you

understand the principles of coding. Drag blocks, learn logic, play with movement and sound. Control many sounds with different subtle hand movements. Make your own games that get people moving, or plug in 2 sensors and play with a friend. For ages 6+.

**Includes** USB cable, motion sensor, suction cup, storybook, stickers and 30+ challenges.

**Requires computer, Kano computer kit & Raspberry Pi 3, not included.**

Stk.	Mfr.	Price
<b>491704</b>	MOTION-KIT	<b>WEB</b>

## Raspberry Pi Compatible Project Kits



### pi-top 4 With Raspberry Pi

**pi-top** With pi-top 4, students from beginner to advanced can design, code and make anything they imagine in one easy-to-use system. Get started right out of the box by learning the basics of coding and physical computing.

Progress into guided lesson plans for advanced

coding, robotics, cybersecurity and AI. For ages 11+.

**Includes** pi-top portable computer, pre-installed Raspberry Pi 4, USB-C power supply, display cable with HDMI and USB adapter, pre-installed pi-top OS on 16GB SD card, male-to-female headers and spare USB plug.

**Requires a screen, laptop, tablet (and internet connection) or FHD Touch Display and Bluetooth Keyboard and mouse, sold separately.**

Stk.	Mfr.	Price
<b>621006</b>	PT4GY3	<b>WEB</b>





### pi-top 3 Laptop with Raspberry Pie 3 B+

**pi-top** The makers' laptop that gives you all you need to make amazing projects and bring your inventions to life. pi-top 3 is a great introduction into physical computing so it's not just simply screen-based you are Learning by Making. It's the perfect tool to help you learn to

code, create awesome devices and systems, and take your knowledge to the next level.

**Includes** laptop with 14" full HD LCD screen, Raspberry Pi 3 B+, keyboard, trackpad, 8GB SD card, modular rail, SD card removal tool and inventor's kit.

Stk.	Mfr.	Price
<b>621003</b>	PTIUGR300001	<b>WEB</b>



### RPi Raspberry Pi Learning Kit

**DuinoKit** Intermediate skill level micro-computer will deepen your understanding of how to utilize Raspberry Pi programming. Featuring an RFID module and dozens of electronic components, this learning kit with plug-n-play connectors requires no soldering. Create your own projects using LEDs,

buzzer, LCD display RF communication, clock modules and much more. Kit is AC powered and broadcasts its own unique Wi-Fi connection so you can utilize you own computer, keyboard or tablet to programming the Raspberry Pi microcomputer. For ages 15+.

**Includes** RC522 RFID module, RFID ID card/tag, LCD I 602, PS2 joystick module, ultra-sonic distance sensor, triaxial accelerometer sensor, temperature and humidity sensor, ADC0832, stepper motor, motor driver, DC motor, 4\*4 matrix keyboard, breadboard power supply, light sensor, analog temperature sensor, relay, active buzzer/passive buzzer, 7-segment display, 4-bit 7-segment display, LED bar graph display, dot-matrix display, shift registers, tilt switch, switches, RGB led, various 5mm LED's, potentiometers, capacitors, diodes, NPN transistors, breadboard, male to male jumper wires, clock module, metal briefcase, programming and instruction manual.

**Display is not included. Use VNC viewer.**

Stk.	Mfr.	Price
<b>342002</b>	DKR	<b>WEB</b>



### Crazy Circuits Programming 101 Classroom Set

**Brown Dog Gadgets** Complete solution for teaching basic programming and modifying more complicated code. Teachers can easily pass out boxes to groups of students and use

the continually-updated online curriculum and resources to run lessons. Each Student Box has a complete set of supplies for 3-5 students. Kits also include Squishy Circuits Dough and Bare Conductive Paint. For ages 10+.

**Includes** (each kit) 43 parts + organizer, 5 switches (pushbutton, slide), 5 LEDs, 4 resistors, 4 brick plates, 3 ribbon wire sets, 2 female headers, alligator clips bundle, roll 1/8" Maker Tape, photoresistor, programmable Arduino board, LEGO compatible Servo + connector, ultrasonic distance sensor, 4-bit 7-segment display, joystick, temperature/humidity sensor, brick baseplate and USB cable.

Stk.	Mfr.	Item	Price
<b>275084</b>	K105 I-01PK	1-Student Kit	<b>WEB</b>
<b>275085</b>	K105 I-05PK	4-Student Kits, 1-Teacher Kit	<b>WEB</b>
<b>275086</b>	K105 I-10PK	9-Student Kits, 1-Teacher Kit	<b>WEB</b>
<b>275087</b>	K105 I-25PK	24-Student Kits, 1-Teacher Kit	<b>WEB</b>



### Pi Model B+/Pi 2/Pi 3 Case Base

**Adafruit** Clear case is made of ultra-durable, super-glossy polycarbonate, with slim openings for all your cables, an easy-to-remove beveled slot for your Micro SD card, slots for both your Pi camera and upcoming display and a space for your GPIO

cable to extend out from the Pi. This is just the base of the Raspberry Pi Model B+/Pi 2/Pi 3 case, lid is not included. It does not fit the Raspberry Pi Model A or B.

**Shown with Raspberry Pi, sold separately.**

Stk.	Mfr.	Price
<b>189502</b>	2253	<b>WEB</b>



### 7" Touch Screen Display

**Raspberry Pi** Turn your Raspberry Pi (sold separately) into a touch screen tablet, infotainment system, or standalone device. The 800 x 480 display connects via an adapter board which handles power and signal conversion.

Touch screen drivers with support for 10-finger touch keyboard will be integrated into the latest Raspbian OS for full functionality without a physical keyboard or mouse.

**Includes** touch screen display, adapter board, DSI ribbon cable, 4 stand-offs and screws and 4 jumper wires.

Stk.	Mfr.	Price
<b>533335</b>	49Y1712	<b>WEB</b>

## Other Coding Project Kits



### Love to Code Chibi Chip

**Chibitronics** The Love to Code (LTC) system enables beginners of all backgrounds and ages to try out programming without the frustration of installing software. If you've browsed the web on a laptop or smartphone, and used headphones to listen to music, you know everything you need to get started! You get to pick how

to make the programs: either by using Microsoft's MakeCode Editor, or by writing Arduino-style computer code using the LTC Editor.

**Includes** Chibi Chip and power + programming cable.

**Requires USB port for power and a web-enabled device that has a headphone jack for programming.**

Stk.	Mfr.	Price
<b>301906</b>	0797776092260	<b>WEB</b>



### Love To Code Chibi Scope

**Chibitronics** Chibi Scope is the perfect companion to your Chibi Chip. It's a tiny screen designed to help you understand what's going on inside your Chibi Chip. It packs three functions (text, volts and wave) into one compact package. For ages 12+.

**Includes** Chibi Scope and 3 alligator clips.

Stk.	Mfr.	Price
<b>301912</b>	0797776092277	<b>WEB</b>



### Love to Code Premier Kit

**Chibitronics** A fun, friendly and new way to engage with coding. Kit reinvents the book through paper electronics: craft functional circuits directly into the pages of the included storybook, while learning how to bring images to life through code. Getting started is easy, thanks to a web-only

environment that requires no software to install or drivers to configure. A comprehensive appendix on debugging will help you develop the skills to troubleshoot problems in projects.

**Includes** Chibi Chip pre-mounted in a Chibi Clip, programming cable, 2 rolls copper tape, 36 white LED stickers, 64 conductive fabric patches, stencil, Chibi Book powered ring binder and 150-page book.

**Requires 3 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>301907</b>	0797776092314	<b>WEB</b>

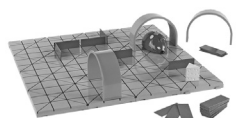


### Let's Go Code Activity Set

**Learning Resources** Students will have fun while building gross motor skills by stepping, hopping and turning. This set introduces early coding and programming ideas without electronics. For ages 5+.

**Includes** 20 foam maze mats, 20 double-sided coding cards and die-cut pieces (2 robots, 2 gears, 2 springs, 2 arrows, 2 Xs).

Stk.	Mfr.	Price
<b>502751</b>	LER2835	<b>WEB</b>



### Code & Go Robot Mouse Activity Set

**Learning Resources** Activity provides hands-on introduction to coding concepts. Build a maze, and then use the coding cards to create a step-by-step path for Colby, the Programmable Robot Mouse. Program the sequence of steps, and then watch Colby race to find the cheese! Create a path with 16 maze grids (20" x 20" maze board), 22 maze walls and 3 tunnels for endless possibilities. For ages 5+.

**Includes** robot mouse, 30 double-sided coding cards, 10 double-sided activity cards, cheese wedge and activity guide.

**Requires 3 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>502747</b>	LER2831	<b>WEB</b>



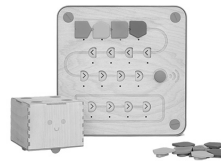
### Botley® 2.0 the Coding Robot

**Learning Resources** Botley® 2.0 helps kids learn to code through 100% screen-free play. Code him to move in 6 directions, play music, and even put on a light show! Coders can build coding sequences of up to 150 steps, and go on adventures with a built-in sensor that lights up Botley in the dark. For ages 5-10.

**Includes** robot, remote programmer, 2 sets robot arms, 40 coding cards, 6 coding boards, 8 sticks, 12 cubes, 2 cones, 2 flags, 2 balls, goal and sticker sheet.

**Requires 5 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>502753</b>	LER2938	<b>WEB</b>



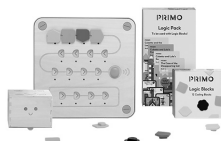
### Cubetto Playset

**Primo** A playful wooden robot that helps kids 3+ discover computer programming away from the screen, through storytelling and hands-on play. It's the first coding toy of its kind to work without a screen or digital interface and lets children learn to code before they can read or write.

**Includes** Cubetto, interface board, 16 coding blocks, world map and story book.

**Requires 6 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>682200</b>	PRIMO001B-EN	<b>WEB</b>



### Cubetto Logic Bundle

**Primo** An all-in-one purchase. Cubetto Playset + Logic Blocks + Logic Pack. Take your students' coding logic to the next level.

**Includes** Cubetto, board, 16 directional blocks, world map, 4 negation blocks, 4 random blocks, 4 function blocks, 5 story books, 32 collectible flash cards and sticker.

**Requires 6 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>558130</b>	MW-CLB	<b>WEB</b>

## Other Coding Project Kits



### Cubetto Logic Blocks

**Primo** Logic Blocks presents even more sequencing fun with the random blocks, negation blocks and function blocks.

**Includes** 4 random blocks, 4 negation blocks and 4 function blocks.

Stk.	Mfr.	Price
<b>682201</b>	PRIMO006A	<b>WEB</b>



### Cubetto Logic Pack

**Primo** Logic Pack expands Cubetto's world. Enhance your students' logical thinking with new books and Flash Cards filled with playful challenges.

**Includes** 4 story books, 32 illustrated flash cards and sticker sheet.

**Cubetto sold separately.**

Stk.	Mfr.	Price
<b>682202</b>	PRIMO021A-EN	<b>WEB</b>



### Cubetto Ancient Egypt Adventure Pack

**Primo** Ancient Egypt is a coding journey to the Great Pyramids. Learn about long-lost civilizations, hieroglyphics and solve the Sphinx mysteries while learning about algorithms, debugging and functions along the way. The durable cloth World Map helps you plan adventures, and the storybook is full of progressive activities and challenges. For ages 3+.

**Cubetto sold separately.**

Stk.	Mfr.	Price
<b>682211</b>	PRIMO007A-EN	<b>WEB</b>



### Cubetto Deep Space Adventure Pack

**Primo** Deep Space is a coding trip to the fringes of our solar system. Visit the International Space Station, Mars and Jupiter. Wave at Earth from the depths of our galaxy while learning about algorithms, debugging and functions along the way. The durable cloth World Map helps you plan adventures, and the storybook is full of progressive activities and challenges. For ages 3+.

**Cubetto sold separately.**

Stk.	Mfr.	Price
<b>682213</b>	PRIMO008A-EN	<b>WEB</b>

## VIRTUAL & AUGMENTED REALITY



### Orboot AR Educational Globe

**Shifu** Orboot is an interactive globe that comes alive with the magic of AR. This interactive AR globe is your kid's magical gateway to travel the world. With the 10" STEAM integrated smart globe and companion app, kids can travel and explore through visual story-

telling, music and voice interactions as well as in-app quizzes and challenges. Orboot is powered by the Orboot app that is available in 8 languages. With a wide variety of content in each Orboot experience, the product naturally grows with a child.

**Includes** globe and downloadable Orboot app.

**Shown with tablet, not included.**

Stk.	Mfr.	Item	Ages	Price
<b>773500</b>	SHIFU014	Earth	4+	<b>WEB</b>
<b>773509</b>	SHIFU027	Dinosaurs	4+	<b>WEB</b>
<b>773510</b>	SHIFU028	Mars	7+	<b>WEB</b>



### Plugo Count

**Shifu** Plugo is an AR-powered phygital STEM learning system. Plugo assists educators in teaching essential skills such as critical thinking, spatial reasoning, problem-solving, math, science and arts with advantages of hands-on activities and real-time feedback. Plugo Count

reinvents math with engaging stories that help kids understand and fall in love with numbers. For ages 4-10.

**Includes** count spike, 2 sets of 0-9 number rings, 4 math operators, gamepad and downloadable Plugo app.

**Shown with Tablet, not included.**

Stk.	Mfr.	Price
<b>773503</b>	SHIFU020	<b>WEB</b>



### Plugo Letters

**Shifu** Learn to spell through story-based games. Develop grammar concepts like verbs, vowels, synonyms and more. Plugo is an AR-powered phygital STEM learning system. Plugo assists educators in teaching essential

skills such as critical thinking, spatial reasoning, problem-solving, math, science and arts with advantages of hands-on activities and real-time feedback. For ages 4-10.

**Includes** letter trunk, 48 letter tiles, gamepad and downloadable Plugo app.

**Shown with Tablet, not included.**

Stk.	Mfr.	Price
<b>773507</b>	SHIFU025	<b>WEB</b>



### Plugo Link Building Blocks Kit

**Shifu** Plugo is an AR-powered phygital STEM learning system. Plugo assists educators in teaching essential skills such as critical thinking, spatial reasoning, problem-solving, math, science and arts with advantages of hands-on activities and real-time feedback. Create STEM magic using fun magnets! For ages 4-10.

**Includes** gamepad, 15 magnetic building blocks and downloadable Plugo app.

**Shown with Tablet, not included.**

Stk.	Mfr.	Price
<b>773502</b>	SHIFU019	<b>WEB</b>



### Plugo Tunes

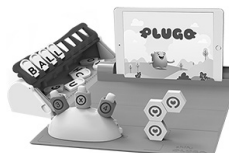
**Shifu** Learn to play piano with a fun and phygital keyboard that only works with tablets and smartphones. Plugo is an AR-powered phygital STEM learning system. Plugo assists educators in teaching essential skills such as critical think-

ing, spatial reasoning, problem-solving, math, science and arts with advantages of hands-on activities and real-time feedback. For ages 4-10.

**Includes** 1 piano, 3 musical pops, 2 key-mapping stickers, 1 gamepad and downloadable Plugo app.

**Shown with Tablet, not included.**

Stk.	Mfr.	Price
<b>773505</b>	SHIFU022	<b>WEB</b>



### Plugo STEM Wiz Pack

**Shifu** A combo of the most popular Plugo kits - Count, Link, Letters, and comes along with a Gamepad. All the STEM learning you need in one! Plugo is an AR-powered phygital STEM learning system. Plugo assists educators

in teaching essential skills such as critical thinking, spatial reasoning, problem-solving, math, science and arts with advantages of hands-on activities and real-time feedback. For ages 4-10.

**Includes** 3 Plugo kits (Count, Link, and Letters), gamepad and downloadable Plugo app.

**Shown with Tablet, not included.**

Stk.	Mfr.	Price
<b>773508</b>	SHIFU026	<b>WEB</b>



### Shifu Education Bundle

**Shifu** Engage students in collaborative-learning with hands-on activities that enrich essential skills such as critical thinking, logical reasoning, communication, problem-solving and more.

Orboot, one-of-a-kind interactive globe, is the perfect teaching tool for educators. Orboot

brings to life 400+ wonders around the world. Plugo is an AR-powered phygital STEM learning system. For ages 4-10.

**Includes** with each kit (Orboot earth globe, Plugo count, Plugo link, Plugo tunes and Plugo letters).

Stk.	Mfr.	Item	Qty.	Price
<b>773515</b>	SHIFU-STARTER	Starter Pack	1 Kit	<b>WEB</b>
<b>773516</b>	SHIFU-MAKERSPACE	Makerspace Pack	3 Kits	<b>WEB</b>
<b>773517</b>	SHIFU-CLASSROOM	Classroom Pack	6 Kits	<b>WEB</b>





### Utopia 360 Virtual Reality Headset

**ReTrak** Ultra-compatible headset works with all smartphones to take users on a sensory adventure through 3D movies, simulated games, and immersive 360° apps. Built-in action button makes it easy to use any app while ventilated form-fit cushion provides cooling, custom-fit feel.

Stk.	Mfr.	Price
<b>350019</b>	ETVR	<b>WEB</b>



### Utopia 360 Elite Virtual Reality Headset

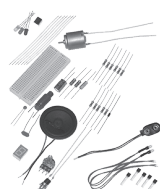
**ReTrak** HD optical resin lenses deliver crystal clear images in an optimized field of view with custom focal adjustments. Removeable HD stereo headphones come with built-in microphone and volume controls for the ultimate sensory experience.

**Includes** Bluetooth® gaming controller.

**Requires 2 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>350020</b>	ETVRPROH	<b>WEB</b>

## ELECTRONICS



### 33-In-1 Deluxe Electronic Kit

**Chaney** This exciting breadboard kit requires no soldering or previous electronic experience. Enables any student to build 33 different electronic experiments and activities. The kit is meant to be used repeatedly, and provides an introduction to Ohm's law, electro-magnet circuitry, motor circuitry, transistor circuitry, IC circuitry and 7 segment display circuitry.

**Includes** all electronic parts, breadboard and instruction booklet.

**Requires one 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300945</b>	C6709	<b>WEB</b>



### 35-in-1 Deluxe Digital Lab Exploration Kit

**Chaney** This lab does not require soldering, is reusable, and contains 5 lessons and 30 experiments. The booklet with easy-to-follow pictorial diagrams and schematics is designed for independent learning. For grades 6+.

**Includes** 30 experiments, solderless breadboard, 6 integrated circuits, CDS photocell, plus all other parts necessary to each experiment and illustrated manual.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300947</b>	C6721	<b>WEB</b>



### Electronic Playground 50-in-1 Experiments

**Elenco** Ideal for beginners, this lab explores the workings of circuitry including voltage, current, resistors, capacitors, transistors, diodes, transformers, speakers and antennas.

Build these exciting circuits: finger touch lamp, magnetic bridge, voltmeter, Morse code, alarm, electronic noisemaker, electronic kazoo, electronic keyboard, transistor radio, radio announcer and metal detector. No soldering required.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Ages	Price
<b>390384</b>	EP-50	10+	<b>WEB</b>



### 130-in-1 Electronics Playground

**Elenco** The basic principles of voltage, current, resistors, capacitors, transistors, diodes, transformers, speakers and antennas. Lab contains an easy-to-read, illustrated, lab-style manual. Comes with a built-in speaker, a 7-segment

LED display, two integrated circuits and rotary controls. Everything you need to build an electronic siren, LED strobe light, light dimmer, sound amplifier, winking LEDs, sound machine, pencil organ, burglar alarm, AM radio station, logic tester and metal detector. No soldering required.

**Requires 6 AA batteries, sold separately.**

Stk.	Mfr.	Ages	Price
<b>390269</b>	EP-130	10+	<b>WEB</b>

## ELECTRONIC SOLDERING KITS



### Catch the Bug Electronics Activity

**TeacherGeek** This STEM activity teaches electrical circuits, current, voltage, resistance, switches, schematic diagrams and soldering techniques. Required for assembly: #1 Phillips screwdriver, soldering iron, lead-free solder, strip heater, digital multimeter, 2.7 ohm resistor and alligator clips. For ages 9+.

**Includes** (with each kit) bug body, 2 bug motors, 2 bug switches, feeler tubing, bug tires, 2 feeler wires, four 5/8" screws, spade connector, battery holder, colored bug wire and two 1/4" screws.

**Requires 2 AA batteries (per bug), sold separately.**

Stk.	Mfr.	Qty.	Price
<b>892001</b>	1822-86	1 Kit	<b>WEB</b>
<b>892002</b>	1822-87	10 Kits	<b>WEB</b>
<b>892003</b>	1822-88	50 Kits	<b>WEB</b>



### Soldering Iron Kit

**TeacherGeek** High quality, ceramic element soldering pencil for all of your TeacherGeek soldering projects.

**Includes** 30W soldering pencil, 20g (6") of lead-free solder in a pencil dispenser and mini soldering iron stand.

Stk.	Mfr.	Price
<b>892030</b>	1834-53	<b>WEB</b>



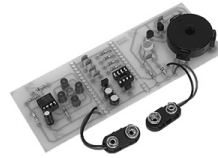


### Jitterbug Robot

**Chaney** This little robot is waiting for night, or when it's completely dark, to roam. Light sensor allows the jitterbug to move with the help of a tiny vibrating motor. Customize its antennae and legs. Flashing LED allows you to find it in the dark. Operates on a CR2032 coin battery. Beginner skill level. For ages 13+.

**Includes** parts, battery, PC board and instructions.

Stk.	Mfr.	Qty.	Price
<b>300979</b>	C6984	1	<b>WEB</b>
<b>301010</b>	C8104	25	<b>WEB</b>



### Deluxe Learn To Solder Kit

**Chaney** Students start with the non-functioning "Learn to Solder" section, then complete two additional kits that attach to a singular circuit board. Since this is a bit more challenging to build, it's the perfect end-of-school-year test

to see how well students have progressed their skills.

**Includes** parts, PC board and instructions.

**Requires two 9V batteries, sold separately.**

Stk.	Mfr.	Price
<b>300930</b>	C6491	<b>WEB</b>



### Classroom Solder Activity Kit

**Chaney** An economical way to introduce students to the field of electronics. Bulk package contains all the parts (400) and PC boards to build 24 kits. Activity box contains etched and drilled 2-1/2" x 1" nonfunctional PC boards and all the components and circuit boards necessary to give 24 students

ample soldering practice. Beginner skill level kit. For ages 13+.

**Includes** resistors, capacitors, diodes, LEDs, two IC sockets, transistors and manual.

Stk.	Mfr.	Price
<b>300958</b>	C6774	<b>WEB</b>



### Blinder LED Flasher

**Chaney** Kit features 3 crystal clear special LEDs which create brilliant flashes of orange-red light. Light output of this flasher kit can even be seen in direct sunlight. Flash rate is adjustable with the built-in trimmer potentiometer. Beginner skill level. For ages 13+.

**Includes** parts, PC board and instructions.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>300985</b>	C6891	1	<b>WEB</b>
<b>301006</b>	C8100	25	<b>WEB</b>



### 4-in-1 Solder Kit

**Chaney** If you are introducing soldering to your students, you'll want this value packed 4-in-1 package. Each kit operates on its own and can be mounted if the student desires. At the conclusion, the student has built 1 non-functional kit (Learn to Solder) and 3 fully operating kits (Phasor Ray, Red Star Flasher, Yes/No Decision Maker). Beginner skill level kit. For ages 13+.

**Includes** complete set of parts for each kit, PC boards and instructions.

**Each kit requires a 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300970</b>	C6881	<b>WEB</b>



### Learn to Solder Kit

**Chaney** Kit designed for the student who has no experience with soldering. Kit has 30 components to solder. The first 20 components to be soldered are used to gain soldering experience, but the last 10 components, when soldered in, make up a bright red and yellow alternating LED flasher! The LED flasher

portion is built after the student has soldered in the 20 practice components, which include: capacitors, a transistor, resistors, and an IC socket. When the student completes this kit, they should have developed good soldering techniques and have a functioning LED flasher. Beginner skill level kit. For ages 13+.

**Includes** parts and instructions.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300910</b>	C6445	<b>WEB</b>



### Secret Alarm

**Chaney** This is the perfect device to scare off someone who opens your desk, dresser, file cabinet, lunch box, etc. Uses sensitive CDS and SCR circuit to respond to light. As long as it is kept in the dark it is quiet, but when light hits the sensor, watch out! Beginner skill level kit. For ages 13+.

**Includes** parts, PC board and instructions.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300920</b>	C6455	<b>WEB</b>

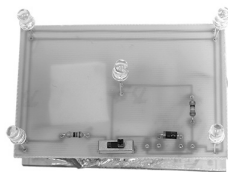


### Fireworks Kit

**Chaney** With this exciting kit, students will use 17 micro red LEDs, 7 green mini LEDs and 1 jumbo red LED to create an electronic exploding firework display. A 2 transistor multivibrator alternates between the rings of LEDs, causing a sky rocket-type firework display. For ages 13+.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300919</b>	C6454	<b>WEB</b>



### Solar Camping Light

**Chaney** Kit features a small slide switch so you can illuminate your immediate camp surroundings when switched to the "full power" position (4 ultrabright LEDs having approx. 2 hrs. of illumination). Or you may choose to relax in your tent with the "nightlight" position

(1 warm white LED offers all night illumination). Light is housed in the bottom of a recycled 2 liter soda bottle and hung by an "L" bracket. Beginner skill level. For ages 13+.

**Includes** PC board, solar panel, rechargeable NiMH battery, LEDs and parts.

**2 liter soda bottle not included.**

Stk.	Mfr.	Price
<b>300980</b>	C6985	<b>WEB</b>



### Super LED Chaser Soldering Kit

**Chaney** Here is an exciting visual display! 3 groups of 2 LEDs light up sequentially to provide a red display. Kit uses 6 jumbo LEDs and 3 transistors. Kit requires soldering of components to the PC board while building with red LEDs. Intermediate skill level. Soldering experience required. For ages 13+.

**Includes** (each kit) parts, PC board and instructions.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>300965</b>	C6825	1 Kit	<b>WEB</b>
<b>301012</b>	C8106	25 Kits	<b>WEB</b>



### Battery Tester Solder Kit

**Chaney** Simple to use and tests all types of common batteries. LED lights indicate whether battery is good or bad. 5 calibration trim pots allow you to set up your tester to test any 5 different type batteries. Beginner skill level kit. For ages 13+.

**Includes** parts, PC board and instructions.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300905</b>	C6414	<b>WEB</b>



### Power Supply Solder Kit

**Chaney** Ideal for powering breadboard experiments, small tape recorders, radios, amplifiers, calculators and various electronic projects. Kit features a transformer, circuit protecting fuse, power transistor, full-wave rectification, two radial electrolytic capacitors, LED power indicator, on/off switch, a potentiometer and more.

**Includes** parts, PC board and instructions.

Stk.	Mfr.	Price
<b>300950</b>	C6724	<b>WEB</b>



### Chrome Dome Line Tracing Robot Soldering Kit

**Chaney** Chrome Dome can follow a black line on a light surface. Not only does it reliably follow the unique "line track" that you lay out for it but it also does it with style. Four separate adjustable controls allow fine tuning of Chrome Dome's line tracing abilities. Intermediate soldering skill level.

**Includes** all parts, PC board, Chrome Dome and manual.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300975</b>	C6900	<b>WEB</b>



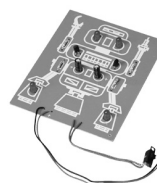
### Super Siren Solder Kit

**Chaney** When you need a real irritating siren, you need the Super Siren Kit. It features one special IC containing 3 separate transistors and a high gain power amp. The siren sound is pulsating and features 2 separate sound adjustments. This kit requires soldering of components to the PC board. Intermediate skill level.

**Includes** parts, PC board and instructions.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300925</b>	C6474	<b>WEB</b>

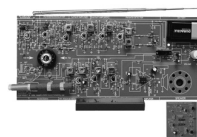


### LED Robot Blinker

**Elenco** Learn about free-running oscillators. You'll have fun building, displaying and learning about the LED Robot Blinker.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>390338</b>	K-17	<b>WEB</b>



### AM/FM Radio Kit

**Elenco** Kit is a "superheterodyne" receiver of the standard AM (amplitude modulation) and FM (frequency modulation) broadcast frequencies.

**Includes** radio mounting stand & 64 page manual.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>390444</b>	AM/FM-108CK	<b>WEB</b>

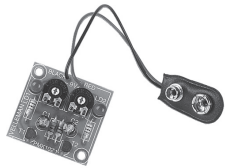


### Complete Solder Starter Kit

**RSR** Perfect for beginning solder class.

**Includes** solder, soldering iron, solder stand and sponge, diagonal cutter, plus 2 solder project kits.

Stk.	Mfr.	Price
<b>392020</b>	32RSRSTART	<b>WEB</b>



### Flashing LEDs

**Velleman** Produces adjustable flashing speed with 2 potentiometers

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>949100</b>	WS1102	<b>WEB</b>



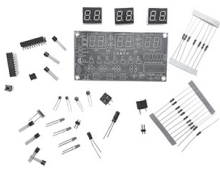
### Deluxe Decision Maker Soldering Kit

**Chaney** Let this colorful "electronic brain" make all of your important decisions for you, it then displays the results to your questions using a variety of LEDs. This kit uses a 2 IC circuit and a label you glue onto the PC board. Lots of fun to use and easy to build.

**Includes** parts, label, PC board and instructions.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300960</b>	C6780	<b>WEB</b>



### Digital Clock Kit

**Electronix Express** This kit will familiarize students with electronic components and standard conventions guides them through a course of step-by-step soldering practices. The kit features 12 or 24 hour mode, slow, fast and hold buttons

for easy setting, seconds display, and color LEDs to separate hours and minutes.

Stk.	Mfr.	Price
<b>392030</b>	3200DCLKIT	<b>WEB</b>

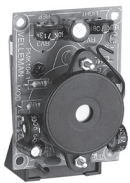


### Traffic Light

**Velleman** Miniature traffic light as used at 4-way junctions. Realistic operation with adjustable delay. 12 LEDs.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>949117</b>	MK131	<b>WEB</b>

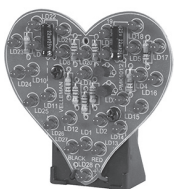


### Electronic Cricket Soldering Kit

**Velleman** Can be used for fun or to simulate a hot summer night. Automatically comes on when it gets dark. Cricket repetition (time between two crickets), effect and tone adjustable. Adjustable light sensitivity.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>949102</b>	MK104	<b>WEB</b>

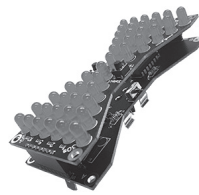


### Flashing LED Soldering Kit

**Velleman** Show your love in an original way that your heart still beats faster for him or her. 28 LEDs form 2 blinking hearts.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>949099</b>	MK101	<b>WEB</b>



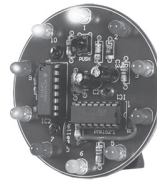
### Hourglass DIY Soldering Kit

**OSEPP** Learn to solder with easy-to-follow instructions and a 'how to solder and desolder' guide.

**Includes** 42 LEDs, 2 mini push buttons, 2 pin headers, 2 female headers, 10 resistors, buzzer, tilt sensor, on/off switch, integrated circuit, 4 battery clips, capacitor and desoldering braid.

**Requires 2 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>615708</b>	DIY-001	<b>WEB</b>



### Spinning Wheel Soldering Kit

**Velleman** 10-LED spinning wheel. Push the button to start spinning action, speed gradually decreases and finally it stops and one LED remains lit.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>949130</b>	MK152	<b>WEB</b>

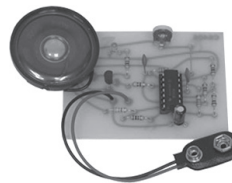


### 3D Christmas Tree Soldering Kit

**Velleman** The ultimate Christmas gadget. 16 flashing red LEDs with extra green and yellow LEDs to customize your tree. Will operate on 12V DC.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>949116</b>	MK130	<b>WEB</b>



### Phasor Sound and Light Kit

**Chaney** Bring some movie magic to your classroom with this Phasor Sound and Light Kit from Chaney Electronics. Kids can put together the components of this kit to produce the sound and light effects of futuristic weapons in science-fiction films. A control varies the frequency of the sound, making it a great attention getter! It can also be used as part of science projects, models, robots, phasor guns and more!

Size of board: 2-3/4" x 2".

**Includes** all parts, PC board and instructions.

**Requires one 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>300903</b>	C6406	<b>WEB</b>



### Burglar Alarm Kit

**Elenco** An easy-to-build alarm control for car, house, room or closet. After alarm is on the only way to turn it off is to open S1.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>390412</b>	K-23	<b>WEB</b>



### Sound Activated Switch

**Elenco** Light will go on or off with the clap of your hands.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>390442</b>	K-36	<b>WEB</b>



### Solder Practice Kit: European Siren Kit

**Elenco** Build a flashing European siren, learn good soldering techniques and become familiar with a variety of electronic components.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>390295</b>	SP-1A	<b>WEB</b>



### Solder Practice Kit: European Siren Kit with Tools

**Elenco** Build a flashing European siren, learn good soldering techniques and become familiar with a variety of electronic components.

**Includes** 30W soldering iron, diagonal cutters, speaker and light emitting diodes.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>390471</b>	AK-100	<b>WEB</b>



### Practical Soldering Project Kit

**Elenco** Exercises include identifying components, color code reading of resistors, capacitors and inductors, plus desoldering and complete voltage and resistance analysis of circuit. 163 solder points (standard soldering connections, close tolerance soldering and tack soldering).

**Includes** color code calculator, written and visual exam of performed soldering connections.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>390296</b>	SP-3B	<b>WEB</b>



### Compact Digital Multimeter Soldering Kit

**Elenco** Economical, pocket-size unit with 7 functions, 17 ranges. Features transistor test, diode check and audible continuity test. Kit

comes complete with all electronic parts necessary to assemble the circuit, a printed circuit board (PCB) and an instruction sheet with parts placement diagram, assembly steps and discussion of operation. Each PCB is etched and drilled.

DC Volts: 200mV, 2000mV, 20V, 200V, 600V

AC Volts: 200V, 600V

DC Current: 200μA, 2000μA, 20mA, 200mA, 10A

Resistance: 200Ω, 2kΩ, 20kΩ 200kΩ 2000kΩ

**Includes** test leads, 9V battery and manual.

**Assembly and soldering required.**

Stk.	Mfr.	Price
<b>390350</b>	M-1008K	<b>WEB</b>

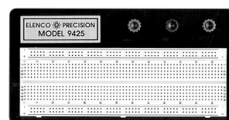


### Soldering Station Replacement Tip

**Elenco** Replacement tip for Soldering Station Stk. **390377** and **390378**.

Stk.	Mfr.	Item	Qty.	Price
<b>390383</b>	SR-2BT2	Conical Tip	1	<b>WEB</b>
<b>390382</b>	SR-2BT	Wedge Tip	1	<b>WEB</b>

## ELECTRONIC PARTS & SUPPLIES



### Breadboard 9425

**Elenco** 830 test points, 126 separate 5-point terminals and 8 horizontal bus lines of 25 common test points each. Capacity up to eleven 14-pin or thirty 16-pin dip ICs. 3 coded black, red and green binding posts. Base of heavy black anodized aluminum.

Stk.	Mfr.	Size	Price
<b>390317</b>	9425	3-3/4"L x 7-1/4"W	<b>WEB</b>



### Breadboard, 830 Tie Points

**OSEPP** Terminal strip with 630 tie points and 2 distribution strips with 200 tie points. Color coordinated for easy component placement.

Stk.	Mfr.	Size	Price
<b>615711</b>	LS-00019	2.2" x 6.5"	<b>WEB</b>



### Breadboard, 400 Tie Points

**OSEPP** Terminal strip with 300 tie points and 2 distribution strips with 100 tie points. Color coordinated for easy component placement.

Stk.	Mfr.	Size	Price
<b>615712</b>	LS-00018	3.2" x 2.1"	<b>WEB</b>



### Alligator Clip Test Lead Set

**Elenco** Make a connection on your next project without soldering by using these color coded alligator clip test leads. 14" test leads feature nickel-plated alligator clips on each end. Wires are crimped and soldered.

**Includes** 5 pairs of 5 colors (red, black, yellow, white, green).

Stk.	Mfr.	Price
<b>390301</b>	TL-6	<b>WEB</b>



### Alligator To Banana Test Leads

**Electronix Express** Test leads with 18-gauge wire. 36"L.

Stk.	Mfr.	Price
<b>392004</b>	05ALS3	<b>WEB</b>





### Banana to Minigrabber Set

**Elenco** Stackable banana to minigrabber. Black and red leads. 36"L.

Stk.	Mfr.	Price
<b>390305</b>	TL-12	<b>WEB</b>



### Jumper Wire Kits

**Elenco** Kits contain 14 different lengths of pre-stripped, pre-formed #22 solid wire in various colors. Storage case included.

Stk.	Mfr.	Qty.	Price
<b>390312</b>	JW-140	70 Lengths	<b>WEB</b>
<b>390313</b>	JW-350	350 Lengths	<b>WEB</b>



### Magnet Wire

**Kelvin** Copper enamel wire. 1 lb.

Stk.	Mfr.	Gauge	Length	Price
<b>492164</b>	330128	22	514'	<b>WEB</b>



### PVC Hook-Up Wire

**Multicomp Pro** Solid PVC jacket houses 25' of tinned copper hook-up wire for point-to-point wiring of internal 300V electrical and electronic equipment, meters, computers, business machines, appliances and control panels.

Length: 25'

Stk.	Mfr.	Gauge	Color	Price
<b>533295</b>	24-15412	22	Red	<b>WEB</b>
<b>533296</b>	24-15414	22	Yellow	<b>WEB</b>
<b>533297</b>	24-15415	22	Green	<b>WEB</b>
<b>533298</b>	24-15419	22	White	<b>WEB</b>
<b>533299</b>	24-15430	24	Black	<b>WEB</b>



### 22 Ga. Solid Hook-Up Wire

**Elenco** For general wiring that is not subject to repeated flexing and for solderless breadboards. Maximum recommended current 7A. Insulation rated to 300V.

Length: 25'

Stk.	Mfr.	Color	Price
<b>390426</b>	WK-103	Red, Yellow, Black	<b>WEB</b>
<b>390427</b>	WK-106	Red, Yellow, Black, White, Green, Blue	<b>WEB</b>



### 24 Ga. Stranded Hook-up Wire

**Multicomp Pro** 300V stranded PVC hook-up wire is perfect for internal, point to point wiring of electrical and electronic equipment, meters, computers, business machines, appliances and control panels.

Length: 25'

Stk.	Mfr.	Color	Price
<b>533290</b>	24-15122	Red	<b>WEB</b>
<b>533291</b>	24-15120	Black	<b>WEB</b>
<b>533292</b>	24-15124	Yellow	<b>WEB</b>
<b>533293</b>	24-15125	Green	<b>WEB</b>
<b>533294</b>	24-15129	White	<b>WEB</b>



### Basic Electronics Parts Kit

**Elenco**

**Includes** LEDs standard T 1-3/4 size, mylar capacitors 100V radial dIP, resistors 1/4W, displays, electrolytic capacitors 50V radial, integrated circuits, transistors, ceramic disc capacitors 500V, diodes, inductors, trim pots single turn, switches, plus 25' 22 AWG hook-up wire, red & black alligator lead sets, 5V DIP relay, photo cell, microphone, speaker, buzzer, 9V battery snap, 1.5A 100V bridge, 4A 200V SCR and plastic case.

Stk.	Mfr.	Price
<b>390493</b>	CK-1000	<b>WEB</b>



### 80-Piece LED Kit

**Elenco** 80-piece kit contains 18 varieties of types and colors.

**Includes** small, standard, large, rectangular, bi-color, blinking and ultra bright, red, amber, green, blue, yellow and white.

Stk.	Mfr.	Price
<b>390504</b>	LEDK80	<b>WEB</b>



### 80-Piece Diode Kit

**Elenco** 80-piece assortment of silicon, zener, germanium, bridge and switching diodes.

**Includes** 20 types.

Stk.	Mfr.	Price
<b>390503</b>	DIOK80	<b>WEB</b>



### 365-Piece Resistor Kit

**Elenco Includes** 5 ea. of 73 standard values from 1Ω to 1MΩ (1/2W) & slide-out carton.

Stk.	Mfr.	Price
<b>390497</b>	RK-365	<b>WEB</b>



### 465-Piece Resistors and Capacitors Kit

**Elenco** 365 carbon film resistors and 100 capacitors kit.

**Includes** 1/2w Resistor Kit containing 5 each of 73 standard 5% carbon film resistors, 30 Ceramic from 10pF to 470pF, 35 Mylar from .001μF to .22μF, 35 Electrolytic from 1μF to 1000μF.

Stk.	Mfr.	Price
<b>390502</b>	RCK465	<b>WEB</b>



### 100-Piece Capacitor Kit

**Elenco** 100-piece ceramic disc, mylar and electrolytic-type capacitors kit.

**Includes** 30 Ceramic from 10pF to 470pF, 35 Mylar from .001μF to .22μF, 35 Electrolytic from 1μF to 1000μF.

Stk.	Mfr.	Price
<b>390501</b>	CAPK100	<b>WEB</b>



### Solar 3V Motor DC

**Electronix Express** Power robotics, models and science projects.

Size 1"L x .8"W x .6"H. Shaft .08" dia. x .3"L. 11,000 RPM.

Stk.	Mfr.	Price
<b>392011</b>	29DCM2	<b>WEB</b>



### Solar 6V Motor DC

**Electronix Express** Power robotics, models and science projects.

Size 1"L x .8"W x .6"H. Shaft .08" dia. x .3"L. 9,000 RPM.

Stk.	Mfr.	Price
<b>392010</b>	29DCM1	<b>WEB</b>



### High Torque Electric DC Motor

**OSEPP** 6V motor suitable for hobby, models, science and other projects. Shaft 22 L x 4 dia. mm. 220 RPM.

Stk.	Mfr.	Price
<b>615706</b>	LS-00041	<b>WEB</b>



### Small Flat Side Electric DC Motor

**OSEPP** The F130 1.5-3V 12,000 RPM brushed DC motor is suitable for hobbies, models, science and other projects. Shaft 38 L x 2 dia. mm.

Stk.	Mfr.	Price
<b>615705</b>	LS-00024	<b>WEB</b>



### 3-9V 12,000 RPM Brushed DC Motor

**OSEPP** The R360 3-9V 12,000 RPM Brushed DC Motor is suitable for hobbies, models, science and other projects.

Size 32.6 mm x 27.6 mm. Shaft 2.3 mm dia. 8,000 rpm.

Stk.	Mfr.	Price
<b>615709</b>	LS-00028	<b>WEB</b>



### 9V Battery Snap Jameco

Stk.	Mfr.	Type	Qty.	Price
<b>488500</b>	A104-R	T-style snap	1	<b>WEB</b>
<b>488520</b>	BAT-SNAP-4	I-style snap	1	<b>WEB</b>



### Battery Holder with Wires

Stk.	Mfr.	Type	Qty.	Price
<b>488540</b>	BH-9V-A-R	1x 9V	1	<b>WEB</b>
<b>488570</b>	BH-421-1A-R	2x AAA	1	<b>WEB</b>
<b>488560</b>	BH-311-2A-R	1x AA	1	<b>WEB</b>
<b>392015</b>	2801CIPWR	1x C	1	<b>WEB</b>
<b>488550</b>	BH-242-1A-R	4x C	1	<b>WEB</b>
<b>488530</b>	BH-111-1A	1x D	1	<b>WEB</b>



### Precision Tweezers

**General** Fine quality tweezers with a strong point bevel.

Stk.	Mfr.	Length	Price
<b>418762</b>	401AA	5"	<b>WEB</b>



### Micro Fine Tweezers

**Erem** For handling very fine wires and miniature components. Stainless anti-acid, anti-magnetic.

Stk.	Mfr.	Item	Length	Price
<b>308020</b>	EROP5SA	Straight Point	4-1/2"	<b>WEB</b>
<b>308021</b>	EROP7SA	Curved Point	4-1/2"	<b>WEB</b>



### 4-Piece Tweezer Set

**Excel** This 4-piece tweezer set includes a variety of tools for easily picking up electronic parts, jewelry, micro electronics, components of model-building projects and more. Ideal for

many classrooms such as arts and crafts, woodworking, STEM, Makerspace, Fab Lab and more. Included vinyl pouch keeps tweezer set safely stored for the next use.

**Includes** self closing tweezer, slanted tweezer, pointed tweezer and flat tweezer.

Stk.	Mfr.	Price
<b>391540</b>	30416	<b>WEB</b>



### 7-Piece Tweezers Set

**Project Pro** Chrome finished carbon steel for durability; used for picking, gripping and handling of very small objects and more.

Stk.	Mfr.	Price
<b>976455</b>	1499	<b>WEB</b>



### Seizer with Serrated Jaws

**Xcelite** Clamps firmly onto wires for soldering. Acts as a heat sink and retrieves small parts from hard-to-reach places. Precision-machined,

tempered stainless steel. Box-joint construction with 3-position snap lock.

Stk.	Mfr.	Item	Length	Price
<b>308826</b>	42HVN	Straight Nose	5-1/2"	<b>WEB</b>
<b>308827</b>	43HVN	Curved Nose	5-1/2"	<b>WEB</b>



### 5-Piece Precision Screwdriver Set

**General** Screwdriver set ideal for close, delicate work. Color-coded ring identifies tip type.

**Includes** slotted (3/32", 1/8") and Phillips (PH0, PH00, PH1).

Stk.	Mfr.	Price
<b>419200</b>	700	<b>WEB</b>



### 5-Piece Precision Torx Screwdriver Set

**General** Precision set is ideal for close, delicate work. Driver tip size shown on rotating cap.

**Includes** T6, T7, T8, T9 and T10.

Stk.	Mfr.	Price
<b>419201</b>	711	<b>WEB</b>



### 7-Piece Precision Screwdriver Set

**General** UltraTech™ Precision Screwdrivers in 3 Versa-Grip comfort handle sizes (1" to 2-1/2"). Color-coded rings allow quick blade ID.

**Includes** 3 slotted (1/16", 3/32", 1/8"), 3 Phillips (#s 00, 0, 1) and Torx (T6).

Stk.	Mfr.	Price
<b>419150</b>	67123	<b>WEB</b>



### 18-Piece Precision Screwdriver Set

**General** Precision screwdriver set with 17 interchangeable extended-shaft, heat treated blades for electronic, computer and jewelry repair. Black oxide blade coating prevents rust and corrosion. Locking screw chuck secures blades and allows quick changes. Versa-Grip comfort handle provides precision feel.

**Includes** 4 slotted (3/64", 1/16", 5/64", 3/32"), 2 Phillips (#s 000, 00), 4 Torx (T#s 6, 7, 8, 9), 3 hex (.50, 1/16", 5/64"), 3 nut drivers (3/32", 1/8", 5/32"), awl/scribe & handle, plus vinyl zip case.

Stk.	Mfr.	Price
<b>419151</b>	63518	<b>WEB</b>



### 15-Piece Electronics Screwdriver Set

**Woodstock** Designed for precision electronics assembly work as well as other home and shop chores, the 15-piece mini screw and nut driver set features long, slender handles with swivel heads for the ultimate in control.

**Includes** hex keys (1/16", 5/64", 3/32"), sockets (1/8", 9/64", 5/32", 3/16", 7/32"), straight (0.054", 0.070", 0.094", 0.118"), Phillips (#s 00, 0, 1) and case.

Stk.	Mfr.	Price
<b>785761</b>	D4272	<b>WEB</b>

## BATTERIES, CHARGERS & TESTERS



### Universal Battery Charger

**Energizer** Charges up to 8 AA, 8 AAA, 4 C, 4 D or 1 9V NiMH rechargeable batteries. Charges 4 AA batteries in approx. 3 hours. Easy-to-read LCD screen shows charging status of the batteries inside. Features auto shut-off to prevent over charge, short circuit and reverse polarity protection and bad battery detection.

**Includes** AC adapter.

Stk.	Mfr.	Price
<b>943265</b>	CHFC	<b>WEB</b>



### Batteries

**Duracell**  
**Energizer**  
**Eveready**  
**Rayovac**

Stk.	Mfr.	Type	Qty.	Brand	Price
<b>943384</b>	2032BP-2N	3V Li-ion	2	Energizer	<b>WEB</b>
<b>687722</b>	6V	6V Carbon Zinc	1	Eveready	<b>WEB</b>
<b>687715</b>	9V	9V Alkaline	1	Duracell	<b>WEB</b>
<b>943496</b>	AI604-8PPK	9V Alkaline	8	Rayovac	<b>WEB</b>
<b>687731</b>	C	C Alkaline	4	Duracell	<b>WEB</b>
<b>943493</b>	814-12PPK	C Alkaline	12	Rayovac	<b>WEB</b>
<b>687745</b>	D	D Alkaline	4	Duracell	<b>WEB</b>
<b>943492</b>	813-12PPK	D Alkaline	12	Rayovac	<b>WEB</b>
<b>687720</b>	AA	AA Alkaline	4	Duracell	<b>WEB</b>
<b>943494</b>	815-24LTK	AA Alkaline	24	Rayovac	<b>WEB</b>
<b>687734</b>	AAA	AAA Alkaline	4	Duracell	<b>WEB</b>
<b>943495</b>	824-24LTK	AAA Alkaline	24	Rayovac	<b>WEB</b>
<b>943520</b>	L91SPB-4	AA Li-ion	4	Energizer	<b>WEB</b>
<b>943198</b>	L92BP-2	AAA Li-ion	2	Energizer	<b>WEB</b>



### Rechargeable Ni-Mh Batteries

**Energizer**

Stk.	Mfr.	Type	Qty.	Price
<b>942713</b>	NH22NBP	9V	1	<b>WEB</b>
<b>942709</b>	NH35BP-2	C	2	<b>WEB</b>
<b>942711</b>	NH50BP-2	D	2	<b>WEB</b>
<b>942719</b>	NH12BP-2	AAA	2	<b>WEB</b>
<b>942717</b>	NH15BP-2	AA	2	<b>WEB</b>
<b>942715</b>	NH15BP-4	AA	4	<b>WEB</b>



### Battery Tester

**Gardner Bender** Analog meter with a 9-position rotary selector switch. Tests AA, AAA, C, D, N, 9V, 1.5V button cells, 1.25V Ni-Cd rechargeable, 3V Li-ion, 22.5V photo and lantern cells, 6V lantern cell, 12V and 5V photo cells.

**Includes** test leads and instructions.

Stk.	Mfr.	Price
<b>416600</b>	GBT-500A	<b>WEB</b>



### Analog Battery Tester

**Gardner Bender** Analog meter with low/good indicator. Movable contact arm fits various battery sizes. Tests AA, AAA, C, D, 9V and 1.5V button cells.

**Includes** instructions.

Stk.	Mfr.	Price
<b>416602</b>	GBT-3502	<b>WEB</b>

## POWER SUPPLIES



### Variable Voltage Power Supply Kit

**Elenco** Portable power supply for students, technicians and hobbyists. Ideal for breadboarding and prototyping. Short protected IC thermo. Assembly required.

Input voltage 120VAC.

Output voltage 0VDC - 15VDC.

Output current 0.3A @ 12V, 0.2A @ 15V.

Stk.	Mfr.	Price
<b>390345</b>	XP-15K	<b>WEB</b>



### DC Power Supply 1-15V

**Electronix Express** This DC power supply has an LED display, continuous variable from 1-15V, and maximum output current of 2A.

Size: 5.1" x 4.5" x 2.2". Weight: 11.5 oz.

Stk.	Mfr.	Price
<b>392001</b>	01PS28LED	<b>WEB</b>



### Power Supply

**Elenco** This solid-state DC power supply contains 4 fully regulated power supplies.

Three fixed voltage supplies are +5VDC @

3A, +12VDC @ 1A, -12VDC @ 1A. A variable voltage power supply is capable of delivering 0-20VDC at up to 2A. All 4 supplies are precisely held to the desired output voltage by special regulating circuits with thermal shutdown, current limiting and short circuit protected.

Stk.	Mfr.	Price
<b>390315</b>	XP-581A	<b>WEB</b>

## TECHNICIAN TOOL KITS



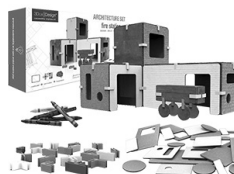
### Basic Electronics Kit

**Elenco** This basic-level electronics kit gives kids a hands-on way to learn proper soldering techniques, how to use and troubleshoot with a digital multimeter, and build an electronic circuit with flashing LEDs.

**Includes** variable temperature solder station with iron and extra tip, practice kit, tool kit, wire stripper, multimeter and color code calculator.

Stk.	Mfr.	Price
<b>390325</b>	SKM-250	<b>WEB</b>

## 3DUX / DESIGN

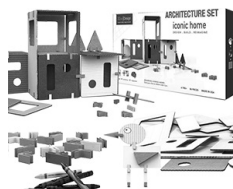


### Fire Station Architecture Kit

**3Dux Design** Build it, paint it, populate it and play with it. Once you make your fire station, use the pieces to create anything else you can imagine. The connectors are engineered to fit most single-ply cardboard. Supports 1-2 students.

**Includes** 37 connectors, 43 cardboard pieces, 4 crayons and online lessons and activities.

Stk.	Mfr.	Ages	Price
<b>315500</b>	001	5+	<b>WEB</b>



### Iconic Home Architecture Set

**3Dux Design** This kit includes all cardboard pieces and connectors necessary to create the proposed architectural design along with extra components. Make a mid-century modern ranch, an urban row house, a plane, a car or anything else you can imagine. The connectors fit most single-ply cardboard.

**Includes** 37 connectors, 42 cardboard pieces, 4 crayons and online lessons and activities.

Stk.	Mfr.	Ages	Price
<b>315501</b>	002	4+	<b>WEB</b>



### The Power House

**3Dux Design** Light up your Iconic Home Architecture Set with this LED lighting add-on feature. Follow the instruction sheet to help young designers learn about electricity and circuits while they imagine, design, decorate and light up their home. This kit includes all cardboard pieces, connectors,

crayons and LED lighting components necessary to create the proposed architectural design along with extra components to let your imagination take over.

**Includes** 37 assorted colored connectors, 42 cardboard pieces, 4 crayons, 4 LEDs, 2 alligator clips, conductive tape, battery holder, toy dog and online lessons and activities.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Ages	Price
<b>315505</b>	008	6+	<b>WEB</b>



### GoBox Classroom Set

**3Dux Design** Reusable connectors and geometric cardboard forms are perfect for STEAM projects: building complex 3D prototypes, architecture and engineering models. No glue or tape needed so it's easy for students. Add your own cardboard boxes for endless creativity.

Plastic connectors are easy to apply and remove, so students can rework and refine their projects.

**Includes** 400+ 3DuxDesign connectors, 500 geometric paintable cardboard forms, 10 animal/challenge cards, 8 3DuxDesign scaled rulers (1/12 and 1/24 scale), assorted maker materials and molded case.

Stk.	Mfr.	Ages	Price
<b>315506</b>	005	4+	<b>WEB</b>



### GOBOX Pro Classroom Set

**3Dux Design** The GOBOX Pro is the perfect product to engage students in learning about architecture, engineering and electricity. The lesson plan walks students through building and electrifying their very own dog house. Use 3Dux cardboard forms along with your own

cardboard to build, decorate and electrify their creations.

**Includes** 400 assorted connectors, 500+ geometric cardboard shapes, architectural ruler set, 10 LED lighting sets (bulbs, alligator clips, conductive tape, battery holder, toy dog), online lessons and activities and storage case.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Ages	Price
<b>315508</b>	007	6+	<b>WEB</b>





### 8 GO-Pack Maker Kits

**3Dux Design** Personalized GO-Packs are designed with convenience and safety in mind. With the GO-Pack, every student will have their own materials and an easy way to transport projects back and forth to school. Use a permanent marker to let every student customize and label their GO-Pack to assure no mix-ups. For ages 4+.

**Includes** (each kit) backpack, 50+ geometric cardboard shapes, 45 assorted connectors, 24" string, 2 straws, 4 copper fasteners, 2 pompoms, 1 puppy figurine, downloadable ideas boards, graph paper and rulers.

Stk.	Mfr.	Qty.	Price
<b>315511</b>	010	8	<b>WEB</b>



### 8 GO-Pack PRO Kits with LED Lighting

**3Dux Design** Personalized GO-Pack PRO kits with LED lighting are designed with convenience and safety in mind. With the GO-Pack PRO, every student will have their own materials and an easy way to transport projects back and forth to school. Young engineers will learn about electricity, circuits

and green energy as they light up their buildings and models. For ages 9+ with adult supervision.

**Includes** (each kit) backpack, 50+ geometric cardboard shapes, 45 assorted connectors, 24" string, 2 straws, 4 copper fasteners, 2 pompoms, 1 puppy figurine, 1 AA battery holder, 2 conductive alligator clips, conductive tape, 4 jumbo LED lights, downloadable ideas boards, graph paper and rulers.

**Requires 8 AA batteries, sold separately. Contains electrical circuit that can get hot if short circuited.**

Stk.	Mfr.	Qty.	Price
<b>315512</b>	011	8	<b>WEB</b>

### Jumbo Connectors Set



**3Dux Design** This collection of 6 uniquely shaped colored connectors is perfect for the truly independent designer. Make castles and kingdoms, parking garages, police stations, even a fort big enough for a few kids and a pet! Supports 2-3 students.

**Includes** 60 assorted colored connectors.

Stk.	Mfr.	Price
<b>315507</b>	006	<b>WEB</b>



### Cardboard Refill Classroom Kit

**3Dux Design** Need some extra shapes for your classroom? This set has over 500 shapes ranging from 1" to 10". The corrugated material is matte white on one side so students can use pencil, marker, paint, glue, or tape for decorating their projects. Supports 25-30 students.

**Includes** 500 assorted cardboard forms, free online lessons and activities.

Stk.	Mfr.	Ages	Price
<b>315510</b>	009	4+	<b>WEB</b>

## ELMER'S



### Elmer's Build-It Cardboard Starter Kit

**Elmer's** Kid-safe cutting tool allows for safe and easy cutting through cardboard and comes with a snap-on sleeve to protect the blade when not in use. The two-sided hole punch and screwdriver tool lets you punch a hole in the pieces of cardboard, then flip over the tool

to screw them together. Brackets allow for connecting cardboard pieces to create a corner, extend a wall and more! For ages 6+.

**Includes** kid-safe cardboard cutting tool with protective sleeve, two-sided tool with hole punch and screwdriver, brackets and screws.

Stk.	Mfr.	Price
<b>477022</b>	2153299	<b>WEB</b>



### Elmer's Build-It Cardboard Expansion Kit

**Elmer's** Features additional tools for kids to create bigger and bolder cardboard creations. Rivets allow you to add movement such as racecar wheels, robot arms and propellers. Hinges help create doors that open and close,

while brackets enable you to create corners, extend walls and more! For ages 6+.

**Includes** 4 hinges, 4 flat brackets, four 90° brackets and 4 screws.

Stk.	Mfr.	Price
<b>477020</b>	2153297	<b>WEB</b>



### Elmer's Build-It Screw Hole Punch

**Elmer's** Adding this tool to your cardboard creation toolbox allows kids to find new ways to make their ideas come to life. This double-sided tool has a hole punch on one end and a screwdriver on the other. Simply punch a hole through two pieces of cardboard, then use the screwdriver to attach them together! For ages 6+.

Stk.	Mfr.	Price
<b>477033</b>	2153365	<b>WEB</b>



### Elmer's Build-It Screws

**Elmer's** Continue the fun of building with cardboard by adding more Cardboard Screws to your toolbox! These screws allow kids to easily connect 2 pieces of cardboard with the hole punch and screwdriver tools for bigger, bolder creations. For ages 6+.

Stk.	Mfr.	Qty.	Price
<b>477023</b>	2153300	50	<b>WEB</b>



### Elmer's Build-It Saw

**Elmer's** Kid-safe tool allows children to easily and safely cut through pieces of cardboard to build a castle, robot, dinosaur, or anything else! Saw includes a snap-on sleeve for added protection when not in use. For ages 6+.

Stk.	Mfr.	Price
<b>477030</b>	2153362	<b>WEB</b>

## ENGINEO



### Levers and Linkages

**Engino** Learn how levers are used to increase a force for lifting heavy objects and how they can change the direction of motion. Find out how to create models with complex motion by connecting many levers together and learn how these linkages can be applied to various machines. Build 16 working models such as

a seesaw, movable weight scale, wheelbarrow, parking gate, a pantograph and 2 types of linkages.

Stk.	Mfr.	Ages	Price
<b>391000</b>	ENGSTEM01	8-16+	<b>WEB</b>



### Wheels, Axles and Inclined Planes

**Engino** Learn how wheels and axles use friction to move objects easily and how big tires compare to small tires. Find out how an inclined plane can be used for lifting heavy objects and how another form of inclined plane, the wedge, is used in every day applications.

Build 14 working models such as a launching platform, a door with knob, a well, airport staircase, experimental ramp and a splitting wedge.

Stk.	Mfr.	Ages	Price
<b>391001</b>	ENGSTEM02	8-16+	<b>WEB</b>



### Pulley Drives

**Engino** Learn how pulley drives can be used to transfer force with reduced friction and how they can increase force or speed at amazing levels. Pulleys are essential parts of complex machines in modern times, solving many technological problems. Build 8 working models such as a material lift, stationary bike, crane bridge, blender, construction crane and a windmill.

Build 8 working models such as a material lift, stationary bike, crane bridge, blender, construction crane and a windmill.

Stk.	Mfr.	Ages	Price
<b>391002</b>	ENGSTEM03	8-16+	<b>WEB</b>



### Cams and Cranks

**Engino** Learn how to transmit power using cams and cranks and how they can be used to convert reciprocal to linear motion. Discover how these mechanisms are crucial elements of many machines even though they are not considered as "simple machines". Build 8 working models such

as a fishing crane, oil pump, moving bridge, sewing machine and flying eagle.

Stk.	Mfr.	Ages	Price
<b>391003</b>	ENGSTEM04	8-16+	<b>WEB</b>



### Gears and Worm Drives

**Engino** Learn how gears can easily reduce or increase speed, change force or transfer motion from one position to another. Discover how worm drives are used to greatly reduce rotational speed and how screws can convert rotational motion to linear, while greatly increasing force. Build 12 work-

ing models such as a gearbox, carousel, helicopter, screw press and a crane with rotating arm.

Stk.	Mfr.	Ages	Price
<b>391004</b>	ENGSTEM05	8-16+	<b>WEB</b>



### Simple Machines

**Engino** Multiply or reduce force, increase or decrease speed and convert one type of motion to another. This set is a combination of the basic 5 sets of "Discovering STEM" series and covers all simple machines mechanisms. They are designed to multiply or reduce force, increase or decrease

speed and convert one type of motion to another. Build 60 working models that cover the subjects of levers, wedges, wheels and axles, screws, inclined planes, pulleys and more advanced gears and linkages.

Stk.	Mfr.	Ages	Price
<b>391015</b>	ENGSTEM40	8-16+	<b>WEB</b>



### STEM Newton's Law: Inertia, Momentum, Kinetic and Potential Energy

**Engino** Observe the effects of kinetic and potential energy and see first-hand how energy is transformed from one form to the other. Build 8 working models such as a ballistic catapult, gravity fan, collision car, moving cabin, balloon powered plane and a dragster.

Stk.	Mfr.	Ages	Price
<b>391006</b>	ENGSTEM07	8-16+	<b>WEB</b>



### Stem Robotics ERP Mini 1.3

**Engino** Engino® Robotics Platform is specially designed for primary and secondary school children. It takes into account the latest technological trends and the most modern pedagogical principles of learning. ERP Mini consists of all the necessary parts for building and programming 8 model robots.

**Includes** ERP controller, two 4.5V motors, 2 infrared sensors, programming software license (compatible with Windows XP, Vista, 7, 8, 10), USB cable and extraction tool.

**Requires 3 AAA batteries, sold separately.**

Stk.	Mfr.	Ages	Price
<b>391030</b>	ENGSTEM60	8-16+	<b>WEB</b>

## FISCHERTECHNIK



### Stem Gears Technology Kit

**Fischertechnik** Children can build 26 different models to explore the fundamentals of gear technology. The hands-on experiments will use models such as a beam balance, scissor lift or windshield wiper to learn about lever laws and principles, gear ratios, four-bar link systems, pulley blocks, differential gears, planetary gears and much more.

**Includes** access to education material with 26 different experiments (free download). 320 components including gears, bevel gears, internal gear, worm, various axles, rope with winch and pulleys, chain, building blocks and base plate and molded case.

Stk.	Mfr.	Price
<b>406214</b>	559886	<b>WEB</b>



## Mechanics 2.0

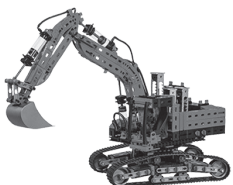
**Fischertechnik** The ideal technology construction set for all future mechanical engineers. The areas of dynamics, statics, gears, structure, and bracing are all addressed as students learn by building models that illustrate the principles

behind these concepts. This set will help students to answer questions such as: How does a gear box work? What is a planetary gear? How is the movement of a windshield wiper produced? How do you design a stable bridge? Recommended: 1 set per 2 students.

**Includes** 500 components for building 30 different models, mini motor, switch, battery tray and instruction booklet.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>406170</b>	538423	<b>WEB</b>

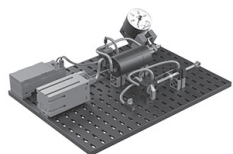


## Hydraulics

**Fischertechnik** This construction set teaches the basics of hydraulics through play. The system is operated with water, demonstrating how force can be transmitted via liquid media. Five different models can be built with the kit. For ages 9+.

**Includes** 475 parts for building 5 different models, instructional activity information (free download) and molded case.

Stk.	Mfr.	Price
<b>406200</b>	548896	<b>WEB</b>



## STEM Pneumatics Education Set

**Fischertechnik** Make the basics of pneumatics understandable and ensure lasting comprehension! Using 8 models and 29 experiments, this set teaches the basic principles of pneumatics, and demonstrates the functioning of components like compressors, pneumatic valves and cylinders, as well as an exhaust throttle valve. Also includes a full set of lesson plans for teachers.

**Includes** compressor, manometer, 2 double acting cylinders, 2 single-acting cylinders, pressure accumulator, 2 hand valves, solenoid valve, mini taster, non-return shuttle valve, vacuum cup, 2 exhaust air throttles and battery holder.

**Includes** compressor, manometer, 2 double acting cylinders, 2 single-acting cylinders, pressure accumulator, 2 hand valves, solenoid valve, mini taster, non-return shuttle valve, vacuum cup, 2 exhaust air throttles and battery holder.

Stk.	Mfr.	Price
<b>406217</b>	559878	<b>WEB</b>



## STEM Renewable Energies Education Set

**Fischertechnik** Make the basics of renewable energies understandable and ensure lasting comprehension! Nine models and 28 experiments are used to demonstrate the production, storage and use of electricity from natural sources like water, wind and solar power. A full set of lesson plans helps teachers use the STEM Renewable Energies set in the classroom.

**Includes** 2 solarmodul IV, solarmotor, goldcap, LED, fuel cell, voltage transformer and multimeter.

**Includes** 2 solarmodul IV, solarmotor, goldcap, LED, fuel cell, voltage transformer and multimeter.

Stk.	Mfr.	Price
<b>406216</b>	559881	<b>WEB</b>



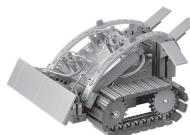
## STEM H2 Fuel Cell Car Kit

**Fischertechnik** Children can learn how a fuel cell works, how it can be used to produce hydrogen, and how that hydrogen can be used to drive a vehicle. With this hands-on activity kit, they'll build a car and produce hydrogen to power it around the classroom. This kit is the

perfect addition to the line of other "Green Energy" building sets.

**Includes** 117 components, fuel cell and fuel cell motor.

Stk.	Mfr.	Price
<b>406213</b>	559880	<b>WEB</b>



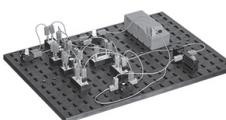
## Robotics BT: Beginner

**Fischertechnik** Students construct 12 easy-to-understand models such as hand dryer, carousel, level crossing, conveyor belt with stamping machine and caterpillar machine. The Smart Controller with 4 inputs for sensors and 2 outputs for motors and lamps features a USB port and Bluetooth 4.0 port. The ROBO Pro Light software download (Windows 7\*, 8, 10/tablet: initially Android) makes it possible to program models quickly, and in a way that is easy to follow. The new BT Smart Controller works with Scratch.

**Includes** 380 parts, BT Smart Controller (USB port/Bluetooth 4.0 port), 2 XS motors, 2 LED light barriers, 2 photo transistors, 2 push button switches and battery holder.

**Requires 9V battery, sold separately. \*Selected Bluetooth 4.0 sticks are required for Windows 7, sold separately.**

Stk.	Mfr.	Price
<b>406175</b>	540587	<b>WEB</b>



## STEM Electronics Kit

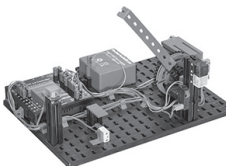
**Fischertechnik** Step-by-step instructions help students build simple and complex models to learn about electrical circuits, and/or circuits, electronic motors, series and parallel connections of resistors, pole-changing circuits with diodes, transistor circuits and differential amplifiers. All the electronic components are pre-mounted onto the circuit boards so students can get learning right away. For ages 13+.

**Includes** teaching and activity material with 20 different experiments (free download). 250 components including XS motor, 2 push-button switches, 2 diodes, 2 transistors, 3 resistors, 2 capacitors, battery holder and molded case.

**Includes** teaching and activity material with 20 different experiments (free download). 250 components including XS motor, 2 push-button switches, 2 diodes, 2 transistors, 3 resistors, 2 capacitors, battery holder and molded case.

**Requires 9-volt battery, sold separately.**

Stk.	Mfr.	Price
<b>406215</b>	559884	<b>WEB</b>



## Robotics TXT 4.0 Base Set

**Fischertechnik** Measurement, control, regulation and programming from secondary level onwards. This Robotics TXT 4.0 Base Set is the perfect start to programming like the pros! The models can be programmed and controlled with the ROBO Pro Coding programming software and the ROBOTICS TXT 4.0 controller. Beginners can access ready-made sample programs, while advanced and professionals can get started directly in a Blockly programming environment or in Python.

**Includes** controller, coding software, Accu Set, 2 encoder motors, USB camera, ultrasonic sensor, track sensor, 2 push buttons, 2 LEDs, phototransistors and tray.

**Includes** controller, coding software, Accu Set, 2 encoder motors, USB camera, ultrasonic sensor, track sensor, 2 push buttons, 2 LEDs, phototransistors and tray.

Stk.	Mfr.	Price
<b>406218</b>	559888	<b>WEB</b>





### Robotics TXT 4.0 Controller

**Fischertechnik** Controller offers plenty of features with its 512 MB RAM and 4 GB eMMC memory, the 3 servo outputs and a capacitive touch display that supports swipe gestures. The improved WLAN and Bluetooth module offers the right wireless interface for numerous applications. Up to 8 additional controllers can be connected to one controller as extensions. Firmware updates are automatically downloaded via the cloud.

**Requires Accu Set or Power Set, sold separately.**

Stk.	Mfr.	Price
<b>406220</b>	560166	<b>WEB</b>

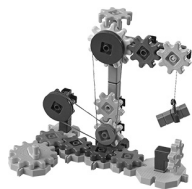


### Accu Set NiMH Battery & Charging Unit

**Fischertechnik** Ideal for powering mobile models. Battery charger with microcontroller for reliable protection from overcharge. Very short recharging time, maximum 2 hours. High-powered NiMH Accu Pack with short-circuit protection, 8.4V/1500 mAh. 120V/60Hz.

Stk.	Mfr.	Price
<b>406030</b>	57487	<b>WEB</b>

## LEARNING RESOURCES



### Gears Machines in Motion

**Learning Resources** Kids can build their own versions of machines and vehicles, many of which incorporate special parts including a wrecking ball, chains, pulleys and wheels. They can also set the instructions aside and bring their own designs to life, using the interchangeable parts.

**Includes** 116-pieces.

Stk.	Mfr.	Ages	Price
<b>502770</b>	LER9227	5+	<b>WEB</b>

## KEVA



### Keva Brain Builders

**KEVA** Keva planks instantly transform libraries into engaging, interactive learning spaces. Train young brains to think in multiple dimensions, transferring 2D information into 3D reality! Students use Keva planks to successfully duplicate the balance, proportion, composition and geometry featured on each instructional card.

**Brain Builders Jr. Includes** 20 Keva planks, 30 double-sided cards, instructions and case.

Stk.	Mfr.	Ages	Price
<b>581501</b>	68337	5+	<b>WEB</b>

**Brain Builders Includes** 20 Keva planks, 30 double-sided cards, instructions and case.

Stk.	Mfr.	Ages	Price
<b>581500</b>	66009	7+	<b>WEB</b>

**Brain Builders Deluxe Includes** 75 planks, 40 puzzle cards and 8 design cards.

Stk.	Mfr.	Ages	Price
<b>581535</b>	13908110	7+	<b>WEB</b>



### Keva planks

**KEVA** No glue or connectors required- simply stack wood planks to create buildings, monuments and geometric forms. It's the ideal activity to help kids gain an understanding of balance and proportion, as well as an interest in architecture, building and design. Premium maple

planks are tough, durable and stack perfectly time after time, and beautiful maple wood grain creates works of art. For ages 5+.

**School Pack, 400-Pieces Includes** 400 maple Keva planks and full-color idea booklet with build-out instructions.

Stk.	Mfr.	Price
<b>581510</b>	58078	<b>WEB</b>

**School Pack, 800-Pieces Includes** 800 maple Keva planks, 2 heavy-duty canvas storage bags, 2 guide books and 2 laminated instruction cards.

Stk.	Mfr.	Price
<b>581505</b>	68525	<b>WEB</b>

**Educator Pack, 1000-Pieces with Wheeled Wooden Bin Includes** 1,000 maple Keva planks, wheeled wooden bin, idea booklet with build-out instructions and 2 lightweight balls.

Stk.	Mfr.	Price
<b>581502</b>	63015	<b>WEB</b>



### KEVA Maker Bot Maze

**KEVA** Calling all creative thinkers and curious minds—it's time to tinker! The KEVA Maker Bot Maze lets you experiment, innovate and create with precision-engineered KEVA planks and a variety of doodads and gizmos! Customize a pair of motorized bots using crafty items found within this one-of-a-kind kit. Ages 7+.

**Includes** 30 planks, 8 half planks, 25 connectors, 2 motorized bots, 6 tumble blocks, bumper balls, googly eyes, pipe cleaners, feathers, pom-poms, glue dots, tape, string and craft foam.

Stk.	Mfr.	Price
<b>581506</b>	68409	<b>WEB</b>



### Keva Contraptions

**KEVA** Young thinkers can build unbelievable ball track structures with this simple stacking plank system. Create ramps, funnels, chutes and crazy contraptions and then find out if the ball rolls as expected. Fostering unlimited creativity and experimentation, KEVA planks build an early understanding of proportion and balance, while teaching basic principles of physics and engineering. No glue, no connectors-just loads of constructive fun! Made from pine. For ages 7+.

**Includes** 200 pine KEVA Planks, 2 balls and idea book.

Stk.	Mfr.	Price
<b>581490</b>	44156	<b>WEB</b>



### KEVA Balls

**KEVA** Extend your KEVA Contraptions play using these additional lightweight balls. For ages 7+.

**Includes** 2 red and 2 blue KEVA balls.

Stk.	Mfr.	Price
<b>581520</b>	13700861	<b>WEB</b>



## K'NEX

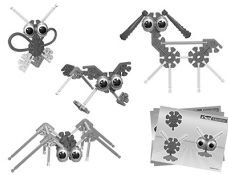


### Building Fun Tub

**K'NEX** Encourages the development of fine motor skills, dexterity, spatial awareness, and problem solving using the color-coded rods and connectors specially designed to click together.

**Includes** 300 parts, instructions and storage tub with lid.

Stk.	Mfr.	Ages	Price
<b>498860</b>	80202	7+	<b>WEB</b>



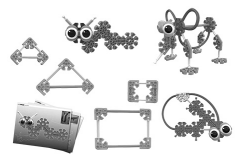
### Kid Group Set

**K'NEX** Big, soft, chunky pieces can be used by students with varying manipulative skills. Build 8 models, 4 at a time or create your own creatures. Young hands can build in any direction due to the flexibility of the system. Models are easily assembled, stay together during play and

can be quickly dismantled. Vibrant colors and eye pieces appeal to both boys and girls. Developed to be consistent with NAEYC's Developmentally Appropriate Practices. Supports 6-8 students.

**Includes** 131 Kid K'NEX pieces, including eyes, ears/wings and storage tray with snap-on lid.

Stk.	Mfr.	Grade Level	Price
<b>498723</b>	78750	Pre-K to 2	<b>WEB</b>



### Classroom Connection

**K'NEX** The ideal educational tool for pre-school to 2nd grade students. Children can put together the different pieces and build up to 23 different models with the eight included 1:1 correspondence building cards, perfect for

young learners. The KID K'NEX rods and connectors are larger and flexibly designed for an easier build for preschoolers. STEAM kit support 8-10 students working in teams.

**Includes** 225 K'NEX pieces, building cards and 2 storage bins.

Stk.	Mfr.	Ages	Price
<b>498737</b>	78698	3+	<b>WEB</b>



### Imagine Classic Constructions Building Set

**K'NEX** Use this set to create working vehicles, animals, moving structures, buildings, and just about anything else students can imagine. With more than 70 building ideas, the illustrated manual guides young engineers toward amazing

creations. Create scale models of famous buildings, creepy crawlies, blazing fast race cars, or anything else kids can think of!

**Includes** 705 K'NEX pieces, instructions and storage box.

Stk.	Mfr.	Ages	Price
<b>498729</b>	17435	7+	<b>WEB</b>

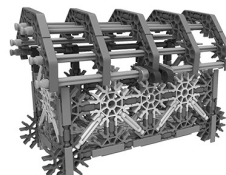


### Imagine Creation Zone Building Set

**K'NEX** This building set contains 417 rods and connectors that click together in a multitude of 3D configurations! Students can build up to 50 different structures with the colorful pieces and learn about basic building concepts with this construction educational toy. Kids create structures from a patrol bot to an amazing dragon that will bring their imaginings to life!

**Includes** 417 K'NEX pieces, instructions and plastic storage tub.

Stk.	Mfr.	Ages	Price
<b>498713</b>	16511	5+	<b>WEB</b>



### Imagine Power and Play Motorized Building Set

**K'NEX** The parts of this set can be joined in endless configurations to simulate 3D objects, allowing students to experiment and craft every model they can imagine. This STEAM building set has enough parts to build 50 unique models and includes a motor that brings projects to life. The easy-to-follow

instructions will teach students to create an endless array of models, from a chopper, race car, or carousel to a rocket, a spaceship, or even a game of basketball.

**Includes** 529 K'NEX pieces, battery-powered motor and storage container.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Ages	Price
<b>498738</b>	23012	7+	<b>WEB</b>

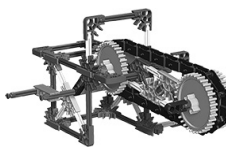


### Intro to Simple Machines: Levers & Pulleys

**K'NEX** Builds 8 fully-functioning replicas of real-world machines, one at a time. STEM set is designed to introduce students to the scientific concepts associated with 2 types of Simple Machines – levers and pulleys. Working cooperatively, students are encouraged to interact with each other as they build, investigate, discuss and evaluate scientific principles in action. For 2-3 students in teams.

**Includes** 178 pieces, building instructions, comprehensive teacher's guide and storage tray with snap-on lid.

Stk.	Mfr.	Grade Level	Price
<b>498762</b>	78610	3-5	<b>WEB</b>

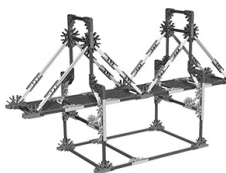


### Intro to Simple Machines: Gears

**K'NEX** Build 7 different replicas of real-world models, 1 at a time. Demonstrate 2 spur gear, 2 crown gear and 2 sprocket gear examples. Supports 2-3 students working as a team.

**Includes** 198-pieces, building instructions, downloadable teacher's guide and storage container.

Stk.	Mfr.	Grade Level	Price
<b>498764</b>	78630	3-5	<b>WEB</b>



### Introduction to Structures: Bridges

**K'NEX** Build 13 different bridge models, 1 at a time. Demonstrates beam, truss, arch, cantilever, suspension, cable-stayed and movable/bascule. Supports 2-3 students working as a team.

**Includes** 207-pieces, building instructions, downloadable teacher's guide and storage tray.

Stk.	Mfr.	Grade Level	Price
<b>498766</b>	78640	3-5	<b>WEB</b>



### Maker Kit Large

**K'NEX** Your students will discover the fun of STEM by creating a variety of scale models, such as the Eiffel Tower, a helicopter, prehistoric creatures and many more. Building these scale models helps students to learn science

and technology concepts and gain a concrete understanding of how real-world equipment works. Aside from stimulating children's brains, this kit also promotes social skills through teamwork and collaboration. Supports 6-12 students.

**Includes** 863 K'NEX pieces, instructions and storage tray with lid.

Stk.	Mfr.	Ages	Price
<b>498741</b>	78497	6+	<b>WEB</b>



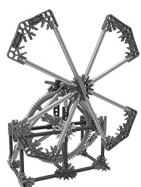
### STEM Levers and Pulley Building Set

**K'NEX** Students can use this kit to build 3 replicas of real-world simple machines. The building kit introduces simple machines, such as a balance, wheelbarrow, and a sailboat with easy-to-follow, step-by-step building instructions. Set includes 3 after-build experiments that teach your students about

STEM concepts like lever classes, pulley systems, effort and more. For 1-2 students working as a team.

**Includes** 139 K'NEX pieces and instructions.

Stk.	Mfr.	Ages	Price
<b>498745</b>	79319	8+	<b>WEB</b>



### STEM Gears Building Set

**K'NEX** Students can build 3 fully functioning, unique real-world geared models such as a crank fan, an egg beater, and a car window. This building set also includes 3 downloadable activity sheets to guide children through hands-on, inquiry-based experiments. They will be introduced to concepts like

gear configurations, gear ratios, rotational speed, mechanical advantage, and more. For 1-2 students working as a team.

**Includes** 143 K'NEX pieces and instructions.

Stk.	Mfr.	Ages	Price
<b>498752</b>	79318	8+	<b>WEB</b>



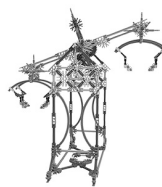
### STEM Vehicles Building Set

**K'NEX** Children can build up to 7 vehicle models with different power sources, such as push power, rubber band power, wind power, and a spring motor. Once the models are built, the 5 downloadable activity sheets that are

included will guide children through hands-on, inquiry-based experiments. They will be introduced to the science behind potential and kinetic energy, velocity, acceleration, motion, graphing, and more. Supports 1-2 students working as a team.

**Includes** 131 K'NEX pieces and instructions.

Stk.	Mfr.	Ages	Price
<b>498746</b>	79320	8+	<b>WEB</b>



### STEM Swing Ride Building Set

**K'NEX** Students can build a working motorized swing ride with this educational building set. This engineering set can also be used for building 2 other rides, a boom ride and a Ferris wheel. For 1-3 students working as a team.

**Includes** 486 K'NEX pieces, motor and instructions.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Ages	Price
<b>498747</b>	77077	8+	<b>WEB</b>



### STEM Exploration Roller Coaster Building Set

**K'NEX** Your students can explore STEM concepts while building a working roller coaster. The set will engage and energize your students as they boost their understanding of the STEAM concepts associated with a real-life amusement park ride. For 1-2 students working as a team.

**Includes** 546 K'NEX pieces, motor and manual.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Ages	Price
<b>498748</b>	77078	8+	<b>WEB</b>

## LEGO



### Large Creative Brick Box

**LEGO** Build up a storm with this big box of classic LEGO® bricks in 33 different colors. With lots of different windows and doors, along with other special pieces to inspire you, you can really run with your imagination. For ages 4+.

**Includes** molded case.

Stk.	Mfr.	Pieces	Price
<b>502898</b>	10696	484	<b>WEB</b>
<b>502900</b>	10698	790	<b>WEB</b>



### Classic Bricks and Houses

**LEGO** Set includes 6 easy-to-build models: a family home, lighthouse, igloo, castle, small house, and windmill with turning sails. Once models are complete, there are more bricks and pieces left for kids to explore their own ideas and inspirations. Ages 4+.

Stk.	Mfr.	Pieces	Price
<b>502915</b>	11008	270	<b>WEB</b>



### Classic Creative Suitcase

**LEGO** Sturdy yellow suitcase features brightly colored LEGO® building brick, eyes, wheels, and shapes. Multiple compartments inside the case for organizing and storage. Ages 4+.

Stk.	Mfr.	Pieces	Price
<b>502905</b>	10713	213	<b>WEB</b>



### Mindstorms Robot Inventor

**LEGO** Robot Inventor 5-in-1 gives builders aged 10+ the power to bring one of the set's 5 unique designs to life or take their own builds to the next level by programming them to walk, talk, think

and do more than ever before. Kids can also code their own remote-control features for the models in the Inventor app or connect their own controllers to the app using Bluetooth. Five robots: Blast, Charlie, Tricky, Gelo and MVP.

**Includes** 949 pieces.

**Requires smart device, not included.**

Stk.	Mfr.	Ages	Price
<b>502960</b>	51515	10+	<b>WEB</b>

## MAGFORMERS



### Rainbow Magnetic Construction Set

**Magformers** Design 2D patterns and pull them up into 3D towers, rockets, castles and large 'magic balls'. The open nature of Magformers shapes are great for small fingers to handle and the instant connectivity will let the fun last for hours! With the addition of a pentagon, budding architects will be kept

busy building, creating and discovering all day long. Neodymium rare-earth magnets. BPA free HQABS plastic. For ages 3+.

**Includes** idea booklet.

Stk.	Mfr.	Item	Price
<b>513324</b>	63087	26-Piece Set	<b>WEB</b>
<b>513315</b>	63076	30-Piece Set	<b>WEB</b>
<b>513310</b>	63070	62-Piece Set	<b>WEB</b>



### Challenger Magnetic Construction Set

**Magformers** Containing a wide variety of magnetic shapes, this set lets students explore magnetic construction through modular creative play. Containing both Rainbow and XL cruiser pieces, design and build ideas from both lines including the 'magic

ball' and super fast XL roadster. Neodymium rare-earth magnets for guaranteed connectivity. BPA free HQABS plastic. For ages 3+.

**Includes** 112-pieces (5 geometric shapes) and wheel accessories.

Stk.	Mfr.	Price
<b>513316</b>	63077	<b>WEB</b>



### Smart Magnetic Construction Set

**Magformers** Aspiring creators are sure to enjoy the versatility of this Smart Set. Build large 'magic balls', animals, houses and towers. Contains original Rainbow pieces, XL Cruiser pieces and Super Magformers. Neodymium rare-earth magnets. BPA free HQABS plastic. For ages 3+.

**Includes** 144-pieces (8 geometric shapes), wheel and card accessories.

Stk.	Mfr.	Price
<b>513320</b>	63083	<b>WEB</b>



### STEAM Magnetic Construction Set

**Magformers** The ideal kit to help students develop their scientific thinking, curiosity for building and mathematical thinking. Use the included play sheets to build spaceships, walking robots, spinning towers, bulldozers and trucks. The possibilities with this set

are truly endless. Kids will learn about gear systems, kinetic motion, pistons and slider while taking their STEM education to the next level. Neodymium rare-earth magnets. BPA free HQABS plastic. For ages 3+.

**Includes** STEAM Idea Booklet and Play Sheet.

Stk.	Mfr.	Item	Price
<b>513301</b>	60507	200-Piece Basic Set	<b>WEB</b>
<b>513300</b>	60506	293-Piece Masters Set	<b>WEB</b>

## MAKEDO



### Cardboard Construction Kit

**Makedo** A simple-to-use, open-ended system of tools for creative construction. Build imaginative and useful creations from recycled cardboard. Makedo inspires and enhances the learning process because it is collaborative, highly engaging and fun to use. For ages 5+.

#### 50-Piece Explore for 1-2 Students

Stk.	Mfr.	Price
<b>513137</b>	A0050	<b>WEB</b>

#### 126-Piece Discover for 1-5 Students

Stk.	Mfr.	Price
<b>513138</b>	A0126	<b>WEB</b>

#### 360-Piece Invent for 12-24 Students

Stk.	Mfr.	Price
<b>513139</b>	A0360	<b>WEB</b>



### Cardboard Construction Scrus

**Makedo** Use the Makedo scru-driver (sold separately) and scrus to join cardboard together. Simply punch a hole through the material, insert the scru into the socket on the end of the scru-driver, and then with a few quick turns the cardboard will be securely joined. For ages 4+.

#### 36-Piece Starter Kit **Includes** 28 scru, 7 scru+ and 1 mini tool.

Stk.	Mfr.	Price
<b>513143</b>	A0036	<b>WEB</b>

#### 160-Piece Combo Kit **Includes** 120 scru and 40 scru+.

Stk.	Mfr.	Price
<b>513144</b>	A0160	<b>WEB</b>

#### 180-Piece Kit **Includes** 180 scru.

Stk.	Mfr.	Price
<b>513145</b>	B0180	<b>WEB</b>

#### 120-Piece XL Kit **Includes** 120 scru+.

Stk.	Mfr.	Price
<b>513146</b>	C0120	<b>WEB</b>



### Cardboard Construction Scru-driver

**Makedo** Use the scru-driver and scrus to join cardboard together. Simply punch a hole through the material, insert the scru into the socket on the end of the scru-driver, and then with a few quick turns the cardboard will be securely joined. For ages 4+.

Stk.	Mfr.	Price
<b>513140</b>	D0001	<b>WEB</b>





### Cardboard Construction Mini-tool

**Makedo** Streamline cardboard construction with the mini-tool. Punch a hole through the material using the mini-tool, insert the screw into the socket on the mini-tool, and with a few quick turns the cardboard will be securely joined. For ages 4+.

Stk.	Mfr.	Qty.	Price
<b>513147</b>	F0012	12	<b>WEB</b>



### Cardboard Construction Safe-Saw

**Makedo** Steel blade with no sharp edges will cut thick or thin cardboard without any safety risk. For ages 5+.

Stk.	Mfr.	Price
<b>513141</b>	G0001	<b>WEB</b>



### Cardboard Construction Fold-Roller

**Makedo** Enables precise, controlled manipulation of cardboard. From simple linear folds to complex organic contours, discover your inner artist with this advanced cardboard construction tool. For ages 5+.

Stk.	Mfr.	Price
<b>513142</b>	H0001	<b>WEB</b>

## QUBITS

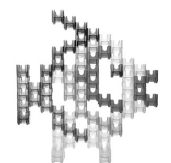


### Qubit 84-Piece Building Set

**Qubits** This product is ready-made for your Makerspace, STEM or STEAM classrooms. It includes the full-color instruction sheet for inspiring construction project ideas. Each kit is complete with all the Qubits and Bridge pieces you need to build a wide assortment of projects. For ages 6+.

Stk.	Mfr.	Price
<b>684300</b>	QUBIT84	<b>WEB</b>

## Q-BA-MAZE



### Q-BA-MAZE 2.0: Big Box with Marble Pack

**MindWare** Students can create thrilling maze sculptures in the form of animals, geometric shapes or any other design! Big Box includes 72 cubes in 5 different colors and 20 marbles. Configurations provide exceptional stability, allowing for unpredictable action when the steel balls travel the various routes. Supports 30 students in groups of 2-3.

**Includes** 18 bottom-exit cubes, 36 single-exit cubes, 18 double-exit cubes and 20 marbles.

Stk.	Mfr.	Ages	Price
<b>581545</b>	48168	5+	<b>WEB</b>



### Q-BA-MAZE 2.0: Starter Stunt Set

**MindWare** Put the laws of motion to the test with our patented Q-BA-MAZE 2.0 Stunt Sets. The ingenious pieces interlock in endless configurations, while double-exit cubes keep you guessing which way the marbles will go. Cubes and Stunts are made from phthalate-free and BPA-free ABS plastic. Marbles are nickel plated steel.

**Includes** 56 cubes, 1 speed sprocket, 1 roto catcher, 15 steel marbles and instructions.

Stk.	Mfr.	Ages	Price
<b>581550</b>	62068	6+	<b>WEB</b>



### Q-BA-MAZE 2.0: Deluxe Lights Set

**MindWare** Building with Q-BA-MAZE sparks even more creativity when cubes light up as marbles race through. The motion-activated cubes flash blue, red, yellow or white every time a marble hits the cube floor.

**Includes** 8 light-up cubes, 4 rails, 52 colorful cubes and 20 steel marbles.

Stk.	Mfr.	Ages	Price
<b>581555</b>	68246	6+	<b>WEB</b>

## STRAWBEES



### Strawbees Pocket Of Ideas Kit

**Strawbees** With over 100 challenges across two levels of engagement, there are plenty of ways to stimulate your students' imaginations. The Inventor deck offers simple inspiration, while the Crazy Inventor deck has a story with a problem for students to solve.. Supports 25+ students of all ages.

**Includes** 105 cards and Strawbees Classroom Free Trial.

Stk.	Mfr.	Price
<b>866614</b>	PFI-EN-VI	<b>WEB</b>



### Strawbees STEAM Starter Kit

**Strawbees** A personal-sized building set with 230 pieces to build several small towers, moving mechanical cranes and arms. The building set comes with 5 different precut straw sizes and 4 color-coded connectors organized in the box. All materials are custom-made, durable,

and reusable; finish building, disassemble, and begin a new project. Supports 1-2 students. For ages 6+.

**Includes** 93 connectors, 137 straws and free access to lesson plans at Strawbees Learning.

Stk.	Mfr.	Price
<b>866610</b>	SBE-SBI-EN-VI	<b>WEB</b>



### Strawbees Inventor Kit

**Strawbees** Kit is based on simple units called Strawbees, that lets you connect straws to each other and build little to huge mechanical objects from just straws and cardboard. Create a bird, a huge mechanical snake, or a replica of the pyramids of Giza and much more. For ages 5+.

**Includes** 250 Strawbees, 150 straws (3 colors) and instructions for 21 maker projects.

Stk.	Mfr.	Price
<b>866602</b>	INVENTOR KIT	<b>WEB</b>





### Strawbees Imagination Kit

**Strawbees** Sketch a solution to a challenge, build a prototype, and watch your ideas come to life! Connectors and straws are reusable and recyclable. When you finish building, disassemble your creations and use them to create something new. Draw and sketch, try different materials, combine pieces to solve the challenges in a way only you can imagine. For ages 6+.

**Includes** 400 pieces, ideas card deck and sketchbook with instructions.

Stk.	Mfr.	Price
<b>866605</b>	IMAGINE KIT	<b>WEB</b>



### Strawbees Steam Classroom

**Strawbees** Over 4,000 pieces for hands-on and collaborative learning among 30 students. Comes with 5 pre-cut straw sizes, 4 color-coded connectors and a storage box with

pull-out drawers. The Pocketful of Ideas Card Deck has 100+ story-based challenges to get kids creating cityscapes, rollercoaster track, pyramids, and moving mechanical arms and claws. Strawbees Classroom gives you pre-designed and curriculum-aligned lessons in urban planning, hydropower inventions and scissor linkages. For ages 6+.

**Includes** 4,360 pieces, teacher's classroom license and storage.

Stk.	Mfr.	Price
<b>866620</b>	BDL1	<b>WEB</b>



### Strawbees Steam Classroom Robotics With Microbit

**Strawbees** The complete building and coding solution for your class includes digital lessons, over 4,500 pieces for 30 students with 5 lengths of pre-cut straws and 4 colors of con-

nectors for scaling project sizes, plus a Pocketful of Ideas card deck featuring over 100 challenges to inspire your students.

Ages 8-14

**Includes** 4,560 pieces, microbits and storage.

**This kit comes with 60 AAA batteries and requires 20 more batteries, sold separately.**

Stk.	Mfr.	Price
<b>866622</b>	BDL2	<b>WEB</b>



### Strawbees Steam Classroom Robotics Without Microbit

**Strawbees** The complete building and coding solution for your class includes digital lessons, over 4,500 pieces for 30 students with 5 lengths of pre-cut straws and 4 colors of con-

nectors for scaling project sizes, plus a Pocketful of Ideas card deck featuring over 100 challenges to inspire your students.

Ages 8-14

**Includes** 4,450 pieces and storage.

**This kit does not include the micro:bit, USB cable, or batteries.**

Stk.	Mfr.	Price
<b>866623</b>	BDL3	<b>WEB</b>



### Strawbees Steam Starter Robotics With Microbit

**Strawbees** Students can build several models including small towers, moving mechanical cranes and arms. Straws are pre-cut into 5 lengths and connectors are color-coded for easy identification. The instructional booklet showcases 11

activities and 10 challenges from the Pocketful of Ideas card deck, plus a full-color introductory poster. Students will write in Microsoft's MakeCode block-based programming platform, then upload a program and remove it from the computer to run on batteries. This extends their programming knowledge to the physical world by creating interactive projects through the Strawbees building system and micro:bit.

Supports 10 to 30 students. For ages 8-14.

**Includes** 249 pieces.

**This bundle comes with a limited number of batteries and requires 1 more battery, sold separately.**

Stk.	Mfr.	Price
<b>866624</b>	BDL4	<b>WEB</b>



### Strawbees Steam Starter Robotics Without Microbit

**Strawbees** Students can build several models including small towers, moving mechanical cranes and arms. Straws are pre-cut into 5 lengths and connectors are color-coded for easy identification. The instructional booklet

showcases 11 activities and 10 challenges from the Pocketful of Ideas card deck, plus a full-color introductory poster. Students will write in Microsoft's MakeCode block-based programming platform, then upload a program and remove it from the computer to run on batteries. This extends their programming knowledge to the physical world by creating interactive projects through the Strawbees building system and micro:bit.

Supports 1 to 2 students. For ages 8-14.

**Includes** 249 pieces.

**This bundle does not include the micro:bit, USB cable or batteries.**

Stk.	Mfr.	Price
<b>866625</b>	BDL5	<b>WEB</b>



### Strawbees Robotic Inventions for Micro:Bit

**Strawbees** Build and code robots that move.

This add-on kit adds robotic capabilities to Strawbees building projects. Write in Microsoft MakeCode's block-based programming platform, upload a program and remove from the

computer to run on batteries. All electronics easily connect to Strawbees connectors and straws. Supports 1-2 students. For ages 8-14.

**Includes** (with each kit) robotics board for micro:bit, micro:bit clip, servo motor, 2 servo motor mounts, 3 servo motor arms, 3 screws, mini screwdriver, extension cable, free access to lesson plans and MakeCode extension.

**Strawbees connectors, straws, micro:bit, USB cable, and batteries, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>866612</b>	SRI-MB1-EN-V1	1 Kit	<b>WEB</b>
<b>866613</b>	SRI-MB10-EN-V1	10 Kits	<b>WEB</b>



### Strawbees 1-Year Single Teacher Classroom License

**Strawbees** This digital product is for those who already own Strawbees products and want to upgrade to the complete Digi-Physi solution. It provides access for one teacher to Strawbees Classroom, the digital platform made for and by teachers, for an entire year.

**Includes** 1-Year Single Teacher Classroom License.

Stk.	Mfr.	Price
<b>866621</b>	SC-1L-1Y	<b>WEB</b>

## TEACHERGEEK



### STEM / STEAM Maker Cart

**TeacherGeek** Roll it into your classroom, lab, or library for the ultimate Maker/STEM/STEAM solution. With over 40 STEM projects and almost every component, this cart can support hundreds of kids. Students will learn science and engineering concepts through experimentation, grow their understanding and evolve projects through the design and engineering process. Students can design and build their own unique engineering inventions or follow along with TeacherGeek

Build Guides. Free editable documents are included to enhance your experience. Documents will provide hours of classroom and makerspace activities. NGSS Aligned. Grades 3-12. Assembly required.

Size: 45"W x 15"D x 70"H.

**Includes** cart, dry erase sign, 15,000+ components and tools.

Stk.	Mfr.	Price
<b>892000</b>	1822-81-KWI-MAKER	<b>WEB</b>



### Mousetrap Vehicle Activity

**TeacherGeek** Ever think a mousetrap could power a car? Well, try this engineering challenge. Apply the science of kinetic and potential energy, simple machines and friction as you design, construct and even re-engineer the ultimate mousetrap vehicle. For ages 9+.

**Includes** (with each kit) mousetrap, 4 connector strips, 2 tires, 6 wood screws, slide-stop material, 6 perpendicular blocks, 4 wheels, 4 dowels, 2 stop clips and 4 cable ties.

**Requires multi-cutter, reamer, stubby #2 screwdriver, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>892008</b>	1822-92	1 Kit	<b>WEB</b>
<b>892009</b>	1822-93	10 Kits	<b>WEB</b>



### TeacherGeek Maker Tool Set

**TeacherGeek** The essential tools that you will need to make just about anything out of TeacherGeek parts.

**Includes** multi-cutter, reamer, pliers, stubby #2 screwdriver, stubby claw hammer and tapping block.

Stk.	Mfr.	Price
<b>892021</b>	1823-84	<b>WEB</b>



### Multi-Cutter

**TeacherGeek** Multi-cutter offers a safe and simple way to cut wood, plastic or recycling bin materials (dowels, popsicle sticks, connector strips and food packaging). Design accommodates large and small hands.

**Cutting metal will damage Multi-Cutters.**

Stk.	Mfr.	Price
<b>892020</b>	1823-81	<b>WEB</b>



### Reamer

**TeacherGeek** The reamer is an essential tool when building with TeacherGeek components. It changes the holes from a press fit (where they dowel stays stuck) to a loose fit (where the dowels spin and slide).

Stk.	Mfr.	Price
<b>892023</b>	1823-87	<b>WEB</b>

## THAMES & KOSMOS



### Engineering Makerspace Kit

**Thames & Kosmos** A 128-page manual provides step-by-step instructions to guide students through 5 categories of model building with hundreds of pieces. They'll explore different areas of physics and engineering design by building these functional models and conducting experiments. Once they have the basics down, all the pieces can be reused to create anything they can think of! For ages 8+.

Stk.	Mfr.	Pieces	Price
<b>893715</b>	628154	258	<b>WEB</b>



### Forces & Interactions: Middle School Physics Classroom Kit

**Thames & Kosmos** The 10 physics and engineering design activities are aligned to 8 standards covered in NGSS middle school classrooms. Teacher's guide includes detailed explanations and activity objectives. Each activity is intended to be

performed in one or two 45-50 minute class periods by up to 4 students. For ages 8+.

**Includes** 437 pieces and molded case.

**2 AA batteries required, sold separately.**

Stk.	Mfr.	Price
<b>893750</b>	700100	<b>WEB</b>

## ALTERNATIVE ENERGY

### Air Powered Racer V2



**OWI** This 15-piece kit lets students build their own race car that's powered with compressed air. Weighing 66% less than it's predecessor, this version is 42% faster. Hear the loud engine outdoors on its own race track. For ages 6+.

Size: 14.25" x 3.25" x 7".

**Includes** 15 pieces.

**Batteries not required.**

Stk.	Mfr.	Price
<b>613537</b>	OWI-SLK020	<b>WEB</b>

## WIND ENERGY

### STEM Plus 4 V3 Turbine Competition Kit



**Picoturbine** Take learning to the next level by adding competition to the equation. Each interface allows up to 4 alternating power sources to be compared at one time. Using a PC, students see real time data comparison of RPMs and power output of their alternators.

**Includes** STEM Plus interface and 4 PicoTurbine SavoniusV3 Wind turbines, cable and CD.

Stk.	Mfr.	Price
<b>681510</b>	PT-ENF004	<b>WEB</b>

### Savonius Model Wind Turbine V3 Kit

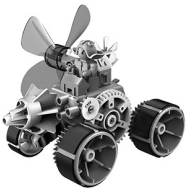


**Picoturbine** Kit is a fully functioning miniature vertical windmill. Users learn how S-foil wind blades capture energy from any direction. They build an alternator that uses magnetic induction to produce electrical current. Ideal for science fair projects and classroom demonstrations. Injection molded base and frame. For ages 10+.

Produces approximately 1.5-6.0V/50mA at wind speeds of 12 mph.

**Includes** sets of recycled plastic S-foils, disc and blades, 4 ceramic grade-five magnets and pre-wound 4 (220)-turn copper coils.

Stk.	Mfr.	Size	Price
<b>681520</b>	PT-02076	8"H x 5.7"W x 5.7"D	<b>WEB</b>



### Windbots 6-in-1 Wind Powered Machine Kit

**Thames & Kosmos** Students get to learn about one of the oldest power sources in the world: wind! The full-color illustrated manual instructs students, step-by-step, in building six different models - all without any batteries or electricity! For ages 8+.

**Includes** 212 pieces.

**No batteries or electricity required.**

Stk.	Mfr.	Price
<b>893709</b>	550047	<b>WEB</b>



### Wind Power 4 Turbine Kit

**Thames & Kosmos** Assemble a realistic 3' wind turbine complete with electric generator and adjustable rotor blades designed to look and work like modern-day wind turbine blades. Conduct experiments to optimize the turbine's performance and discover how to light up an

LED and charge a rechargeable battery. Convert the generator into an electric motor and assemble a small electric car to demonstrate a tangible application for the stored electricity. For ages 8+.

**Includes** weatherproof battery box for outdoor use and stakes to secure base to the ground.

**Requires one 1.2V AA rechargeable battery, sold separately.**

Stk.	Mfr.	Price
<b>893713</b>	627929	<b>WEB</b>

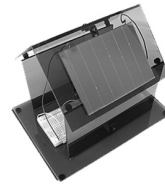
## SOLAR POWER

### 1.2V Solar Cell



**Jameco** Comes with attached 5" wires. Output voltage 1.2V. Output current 75mA. Contact resistance 35 mOhms max. Dimensions 1.18" x .71".

Stk.	Mfr.	Price
<b>488580</b>	FAD-1	<b>WEB</b>



### 54-in-1 Solar House Lab

**Chaney** Students create a model house made of Plexiglas and install an amorphous silicon glass solar panel to simulate how to harness the sun's energy. This kit will introduce students to basic technology and fundamental concepts used in common household devices such as lighting, thermostats, fire alarms and

burglar alarms. These technologies include solar panels, motors, fans, resistors, diodes, LEDs, switches, lamps and batteries. Easy-to-follow pictorial diagrams will guide the student through 26 chapters containing a variety of activities and useful experiments along with fun and interesting facts relating to solar energy. Kit offers a hands-on approach that is applicable for use in grades 6 through college. No soldering or additional batteries required. Beginner skill level.

**Includes** parts, components, wires, breadboard, solar panel and instruction manual.

Stk.	Mfr.	Price
<b>301000</b>	C7041	<b>WEB</b>

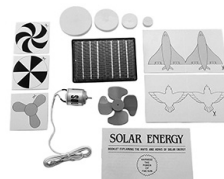


### Deluxe Solar Educational Kit

**Elenco** Through a series of experiments, students acquire the basics of solar energy. They'll learn how to make electrical and solar circuits, how to increase voltage and current and how to use solar power to produce energy for a radio, calculator, battery charger, mp3 player and more. For ages 8+.

**Includes** fan unit, musical unit, plastic lamp, DC motor, solar cell module with stand, 4 yellow plastic turntables, paper airplane and bird models, jumper, connecting wires, hardware and manual.

Stk.	Mfr.	Price
<b>390492</b>	SK-40	<b>WEB</b>



### Educational Solar Energy Kit

**Electronix Express** Children can learn all about solar energy through this self-explaining solar educational kit. They'll build their own solar models, then place them in direct sunlight or close to incandescent light bulbs to generate power like batteries. The models will absorb

the energy of the source and convert it into electrical energy. Then, students can explore how to harness this energy and use their imaginations to employ it in practical applications.

Panel measures 3.75" x 2.5". Output: 1V, 300mA.

**Includes** solar panel, DC motor with wire and motor clips, screws and nuts, spinner discs, paper airplane and bird models, 4 plastic turntables (5/8", 1", 1.5", and 2"), plastic fan and spinner.

Stk.	Mfr.	Price
<b>392050</b>	08SLC20	<b>WEB</b>



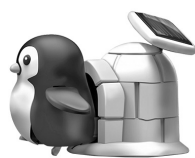


### Green Life Solar Kit

**OWI** Students will learn and experience alternative energy sources with this easy-to-assemble kit. Includes a powerful solar cell, rechargeable battery, house and car. Plug the car into the house, and the solar energy converts into electric power for storage and application.

On a sunny day, charging is complete in 3 minutes. Once released from the house, the car will explore for 3 minutes. For ages 8+.

Stk.	Mfr.	Price
<b>390399</b>	OWI-MSK690	<b>WEB</b>



### Penguin Life Solar Kit

**OWI** An easy-to-assemble, eco-friendly penguin habitat helps kids discover the benefits of putting solar energy to work and how solar cells generate electricity from light. Simply plug the penguin into the igloo. Solar energy converts into electric power for storage and application. In the sun, charging is complete in 3 minutes. Once released from the igloo, the penguin will waddle for 3 minutes. For ages 8+.

**Includes** solar cell, rechargeable battery, igloo and penguin.

Stk.	Mfr.	Price
<b>390410</b>	OWI-MSK691	<b>WEB</b>



### 8-in-1 Solar Robot Kit

**Thames & Kosmos** Build 8 unique robots that are powered by the sun - batteries not required! Using a compact solar panel, these cool little bots harness energy from the sun to power an electric motor to get moving. For ages 6+.

Stk.	Mfr.	Price
<b>893740</b>	665082	<b>WEB</b>



### X-in-1 Renewable Energy Kit

**OWI** With X in 1 Renewable Energy Kit (X meaning 10), children will construct ginormous kits with child-friendly parts that function indoors with use of a hand generator, outdoors with the use of the XL solar panel, and indoors and outdoors with the wind powered LED. Children ages

8+ will use the colored instruction manual to build 10 exciting models.

**Includes** 115+ pieces and instruction book.

Stk.	Mfr.	Ages	Price
<b>613530</b>	OWI-MSK36524	8+	<b>WEB</b>



### Solar/Battery Top Fuel Dragster

**OWI** The dragster features a double XL solar panel that is strong enough to power the large frame on a sunny day. Run out of daylight, or it's not sunny outside? No problem! Switch the power source to the single AA battery, and the fun will not have to end. For ages 8+.

**Includes** 30 pieces.

**Requires 1 AA battery, sold separately.**

Stk.	Mfr.	Price
<b>613540</b>	OWI-SLK540	<b>WEB</b>



### Solar Mini Racer

**Elenco** A mini vehicle with a simple yet dynamic design run by the power of the sun. You assemble and it races. Learn how you convert sunlight into mechanical energy and fun in this DIY kit. Assembly instructions are straightforward with clear illustrations that make it an easy job. For ages 8+.

Stk.	Mfr.	Price
<b>390304</b>	TTG-681	<b>WEB</b>



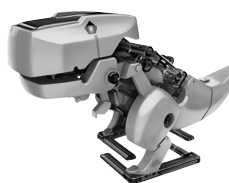
### Solar Formula 1 Racer

**Electronix Express** Students can learn how motors and transmissions work by building their own Formula 1 Racer car. Great for beginners, this DIY project requires no prior electronics knowledge or soldering. The racer can be solar or AAA battery powered. For ages 10+.

**Includes** solar cell, plastic body, gears, shafts, motor, parts and manual.

**Solar or requires 1 AAA battery, sold separately.**

Stk.	Mfr.	Price
<b>392013</b>	32CIF1	<b>WEB</b>



### T4 Transforming Solar Robot

**OWI** T4 is completely solar-powered so you never need to buy batteries and it provides students with a new understanding of solar power as a source of renewable energy. Easily transform between 4 different modes: Robot with walking legs and moving wheels, Insecta has 6

walking legs and moving jaws, T-Rex with 2 walking legs and moving jaws, drill vehicle with drilling bit and moving wheel spacer. For ages 8+.

Stk.	Mfr.	Price
<b>390264</b>	OWI-MSK617	<b>WEB</b>



### Solar Bug 2.0

**Brown Dog Gadgets** Learn about solar energy in a fun and creative way! Students can create a simple solar circuit in minutes using only conductive tape! Bug will zip around any smooth surface when in direct sunlight and make a silly clattering sound. Each kit includes supplies for 2 bug templates and 1 bug.

**Scissors and coloring supplies sold separately.**

Stk.	Mfr.	Qty.	Price
<b>275052</b>	K1039-STA	4 Kits	<b>WEB</b>
<b>275053</b>	K1039-CLS	25 Kits	<b>WEB</b>



### Detective BugSee Robot Kit

**OWI** Children can build an outdoor solar-powered bug to learn about mechanical transmission, electrical motor theory, energy efficiency, environmental friendliness and sustainability. Then, take them outside outside and put the Detective BugSees together to create an

entire army of "private eyes" strutting about in the sunshine. For ages 8+.

Size: 2.61" x 2.06" x 1.89".

**Includes** 51 pieces.

**No batteries required.**

Stk.	Mfr.	Price
<b>613532</b>	OWI-MSK683	<b>WEB</b>





### Solar Powered Rovers

**Thames & Kosmos** With this kit, construct 5 motorized models. Build 3 types of solar cars, a solar fan, and a solar robot model. Conduct science experiments with each model to learn about gear ratios, solar cells, and more. A modular gearing system lets you test out 3 different gear ratios. For ages 6+.

**Includes** 54 pieces.

Stk.	Mfr.	Price
<b>893699</b>	550030	<b>WEB</b>

## SCIENCE



### STEM Classroom Bundle

**Learning Resources** Explore the wonders of magnetism and engineering, why things sink and float, 6 simple machines (lever board, wedge, pulley, cart, Archimedes screw and barrel

weights), and the science of "how things go" with colorful, engaging tools and hands-on activities and experiments. The ideal introduction to building key STEM skills. All sets include a comprehensive activity guide with reproducible materials. For ages 5+.

**Includes** 4 activity sets (Force and Motion, Simple Machines, Magnets and Sink or Float).

Stk.	Mfr.	Price
<b>502750</b>	LER2834	<b>WEB</b>



### The Human Body Science Kit

**Thames & Kosmos** Learn about the human body by doing experiments with your 5 senses that show you how your body works. Relate the 25 experiments back to human body systems, including the internal organs, skeleton,

muscles and the circulatory system, with clear and accurate anatomical illustrations. Kit teaches human biology fundamentals with step-by-step, hands-on experiments. For ages 5+.

Stk.	Mfr.	Price
<b>893704</b>	567003	<b>WEB</b>



### Space Farm Project Kit

**Thames & Kosmos** Explore what it would take to set up an extraterrestrial farm on another planet. Experiment with a nutrient gel to grow garden cress in hydroponic tubes without soil. In the greenhouse dome, grow the alien-like Tiger's Jaws (*Faucaria tigrina*). Find out what plants need in order to grow and how those things

might be provided on another world. 4 experiments. Requires: scissors, water, thermometer, paper towels, 1 large and 2 small glass bowls, bottled water, microwave or cooking pot and stove, pot holders, jelly jar with lid, cotton, wool, materials for transplanting plants, balloon, glue, string, paper towel or paper tissue, ruler and ball, not included.

Stk.	Mfr.	Ages	Price
<b>893700</b>	550018	8+	<b>WEB</b>



### Nanotechnology Experiment Kit

**Thames & Kosmos** The science of nanotechnology deals with the smallest structures, in the range of 1 to 100 nanometers in size. Kit includes 41 hands-on experiments using both scaled-up models and real nanomaterials. Manual guides your explorations of the nanoworld and a game board helps you track your progress through the experiments. For ages 15+.

Stk.	Mfr.	Price
<b>893706</b>	631727	<b>WEB</b>



### Chem C2000 Chemistry Set

**Thames & Kosmos** Set introduces young chemists to chemical substances with experiments in inorganic and organic chemistry, as well as electrochemistry. Experiment with filtering and separating mixtures, combustion and electrochemical reactions. Work with indicators

and stronger acids and bases. Explore elements and compounds, including the chemical and physical properties of water, carbon dioxide, oxygen, hydrogen and carbon. Discover atoms and molecules. Inspect soaps and household cleaners. Experiment with various foods to learn about sugars, fats and proteins. Investigate metals such as iron, copper and aluminum. Manual guides aspiring young chemists through more than 250 experiments. For ages 11+.

Stk.	Mfr.	Price
<b>893710</b>	640125	<b>WEB</b>



### Chem C3000 Chemistry Set

**Thames & Kosmos** Massive chemistry set has the high-quality lab equipment and chemicals needed to perform sophisticated experiments. Set includes more than 90 pieces of professional lab equipment, 18 chemicals, a 192-page,

full color experiment manual and 333 experiments. Set uses a hands-on approach to teaching chemistry, while covering advanced topics such as chemical equations, atomic structures, chemical bonding and the periodic table; concepts that are critical for the study of chemistry. In this way, Chem C3000 is an excellent preparation for high school level, and even college level, chemistry courses. You will gain personal experience with the vital tools, methods and chemicals of the modern chem lab. Learn how to use the alcohol burner to perform experiments that require heat, assemble complex chemical set ups with specialized glassware and a tripod stand, and produce hundreds of chemical reactions. Ages 12+.

Stk.	Mfr.	Price
<b>893712</b>	640132	<b>WEB</b>

## DESIGN



### Video Game Builder

**Bloxels** Bloxels is a hands-on, brains-on, creativity and technology experience. Students gain greater understanding of important topics like design logic and computer science and demonstrate their knowledge of history, science and mathematics and more through games they

create. Most activities are scalable in complexity, so it's appropriate for grades K-8. Plus, it encourages collaboration, so players of all ages can build and play games together. Compatible with the free Builder app for Google Chromebook, Apple iOS, Android and Kindle.

**Phones and tablets, not included.**

**Studio Pack Includes** 1 gameboard, 400 blocks, educator's handbook and student workbook.

Stk.	Mfr.	Price
<b>250001</b>	63101	<b>WEB</b>

**5-Pack Includes** 5 gameboards, 2,000 blocks, educator's handbook and student workbook.

Stk.	Mfr.	Price
<b>250000</b>	63103	<b>WEB</b>

**10-Pack Includes** 10 gameboards, 4,000 total blocks and access to Edu Hub.

Stk.	Mfr.	Price
<b>558915</b>	63101-10	<b>WEB</b>

**School Bundle Includes** 20 gameboards, 8,000 blocks, card deck bundle, EDU educator's handbook (PDF) and EDU student workbook (PDF) and 300 Bloxels EDU Student Accounts\*.

Stk.	Mfr.	Price
<b>250003</b>	63108	<b>WEB</b>

**District Bundle Includes** 80 gameboards, 32,000 blocks, 4 card deck bundles, EDU educator's handbook (PDF) and EDU student workbook (PDF) and 1,500 Bloxels EDU Student Accounts\*.

Stk.	Mfr.	Price
<b>250004</b>	63109	<b>WEB</b>

**Student License Includes** 1-Year Single Student Account License gives one student access to the Bloxels app for an entire year. Ages 8+.

Stk.	Mfr.	Price
<b>250005</b>	SINGLE-SA	<b>WEB</b>

**Student License Renewal Includes** 1-Year Single Student Account License Renewal will renew an existing Bloxels student account for an additional year. Ages 8+.

Stk.	Mfr.	Price
<b>250006</b>	SINGLE-SAR	<b>WEB</b>

250003|\*Annual plan.

250004|\*Annual plan.



### Bloxels Card Deck Bundle

**Bloxels** Story Builder and Builder Challenge card decks provide unique story prompts and challenges to begin building crazy fun games. Get them both in this bundle, and the Fables

and Fairy Tales Story Builder card deck, featuring some enchanting and classic characters and themes for your game for free.

**Bloxels EDU Game Studio Pack or Classroom Pack is required for use, both sold separately.**

Stk.	Mfr.	Price
<b>250002</b>	BLOXEL-CARDS	<b>WEB</b>



### HD 1080P Pro Camera

**HUE** A lightweight, portable document camera and visualizer. It can view a full A4 or US letter sheet and project it onto the whiteboard via PC and projector. Built-in LEDs help illuminate your subject. Record video and sound directly to the computer. HUE Intuition software allows you to record video, sound, annotate images and save as JPG/BMP/PNG/GIF, plus take snapshots and time-lapse images.

**Includes** camera (assorted colors) and base, USB to mini-USB cable, instructions and single user license for HUE Intuition software.

Stk.	Mfr.	Price
<b>475903</b>	PX0001	<b>WEB</b>

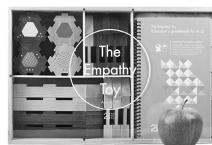


### HUE Animation Studio

**HUE** Everything students need to create stop motion animation videos. The HD camera is plug and play with built-in microphone. Play back at any time, import music and sounds or record them. Add text and special effects. Copy, edit, move and delete animation frames. Upload to YouTube. Use onion skinning, time lapse and green screening. The Book of Animation has instructions for creating 20 stop motion videos. Videos, sound effects and backdrops are included on the CD that comes with the kit.

**Includes** camera and base, 6' USB to mini-USB cable, CD, HUE Animation software (single license) and The HUE Book of Animation.

Stk.	Mfr.	Price
<b>475900</b>	HAS0001	<b>WEB</b>



### The Empathy Toy Teacher's Kit

**Twenty One Toys** Designed for students and teachers across K-12 education, this toy set explores how practicing the skill of empathy helps us improve an array of other universal learning skills, including critical thinking. Guidebook

lessons include games for creative dialogue, teamwork and collaboration, autonomous learning, and making real world connections. 52+ game scenarios. For 3 to 25 players.

**Includes** 2 toy sets (20 pieces), 6 blindfolds, Educator's Guidebook for K-12, Ways to Play map with 9 plug-and-play game templates and tote bag.

Stk.	Mfr.	Price
<b>944300</b>	TEACHERKIT	<b>WEB</b>



### The Failure Toy® Kit

**Twenty One Toys** Failure Toy is a game of balance and experimentation that helps players develop healthier, more productive relationships with failure. Studies reveal that "showing kids that failure is a learning opportunity boosts their resilience" and not just kids, but adults too. Toy challenges the notion that failure is something to be feared and hidden, and instead something that can be practiced and developed as a skill. Over 20 ways to play, for 2-20 players.

**Includes** comprehensive guidebook, scorecards, game pieces and storage bags.

Stk.	Mfr.	Price
<b>944305</b>	21T13T1-2FT	<b>WEB</b>

## WORK BENCHES



### Open Leg Work Bench

**Hann** Wall bench series features 4"H rear maple curb and angle iron front edge. Tops are 2-1/4"T laminated maple. Legs are 2-1/4" square maple with bolt reinforcements at all stringers. Lower shelf is 12"D with rear curb. Natural finish.

**Includes** lower shelf & assembly hardware.

Stk.	Mfr.	Overall Size	Price
<b>439255</b>	AB-832	96"W x 24"D x 32"H	<b>WEB</b>
<b>439257</b>	AB-637	72"W x 24"D x 37"H	<b>WEB</b>



### Economy Work Bench

**Midwest** Features 2 Montisa Learning channel braces, 2 bench legs with a 2-1/4"T Bally Block top. 14 ga. steel base is with flared legs for extra stability. Channel braces secure legs eliminating side sway.

Foot is punched for easy floor attachment. Gray baked enamel finish.

**1-2 Station Top 28"W x 64"D x 2-1/4"H. Base 23-1/2"W x 30"H.**

Stk.	Mfr.	Vises	Price
<b>549040</b>	C2864A	None	<b>WEB</b>
<b>549041</b>	C2864B	1 Wilton (7")	<b>WEB</b>
<b>549042</b>	C2864C	2 Wilton (7")	<b>WEB</b>

**4 Station Top 54"W x 64"D x 2-1/4"H. Base 35-1/2"W x 30"H.**

Stk.	Mfr.	Vises	Price
<b>549328</b>	5464A	None	<b>WEB</b>
<b>549462</b>	5464E	4 Wilton (7")	<b>WEB</b>
<b>549463</b>	5464F	4 Wilton (10")	<b>WEB</b>



### 2-Station Work Bench

**Diversified Woodcrafts** 2-Station single-faced unit with solid maple construction and maple veneer. 2 locking doors have pulls and 5-knuckle heavy-duty hinges. 2 locking drawers (14"W x 18"D x 6"H) with dovetail construction and

epoxy-coated glides. 2-1/4"T maple top. Earth-friendly UV finish.

Top 64"W x 28"D x 2-1/4"H. Base 35"W x 23"D x 29"H.

Stk.	Mfr.	Vises	Price
<b>155364</b>	WW232-0V	None	<b>WEB</b>
<b>562600</b>	WW232-1V	1 Wilton (7")	<b>WEB</b>
<b>562601</b>	WW232-2V	2 Wilton (7")	<b>WEB</b>



### 2 or 4 Station

### Open-Style Work Bench

**Diversified Woodcrafts** Base is built with solid 2-1/4" maple legs and frame. 2-1/4"T maple top. Maple plywood storage shelf. Steel corner braces. Earth-friendly UV finish. Light assembly.

**2 Station Top 64"W x 28"D x 2-1/4"H. Base 47"W x 24"D x 31-1/4"H.**

Stk.	Mfr.	Vises	Price
<b>155358</b>	WW2-0V	None	<b>WEB</b>
<b>562610</b>	WW2-1V	1 Wilton (7")	<b>WEB</b>
<b>562611</b>	WW2-2V	2 Wilton (7")	<b>WEB</b>

**4 Station Top 64"W x 54"D x 2-1/4"H. Base 47"W x 37"D x 31-1/4"H.** Ships in 5 business days! Quantity restrictions apply.

Stk.	Mfr.	Vises	Price
<b>155365</b>	WW4-0V	None	<b>WEB</b>
<b>562630</b>	WW4-4V	4 Wilton (7")	<b>WEB</b>



### WL4 Series 4-Student Work Bench

**Hann** Base is constructed of solid hard maple. The maple top is 2-1/4" x 64"W x 54"D and reinforced with thru rods. Spreaders are joined to the legs on all sides via bolt-reinforced mortise and tenon joinery. The shelf is made of

solid hard maple slats which can support heavier objects. Natural finish.

Overall size 64"W x 54"D x 32"H.

Stk.	Mfr.	Vises	Price
<b>439530</b>	WL4-0V	None	<b>WEB</b>
<b>562635</b>	WL4-4V	4 Wilton (7")	<b>WEB</b>



### STEM Robotics Workstations

**Hann** This workbench with shelves is a great centerpiece for any robotics program. The perimeter of the top is 3/4" thick solid hard maple which extends 1-1/2" above the Fibersin surface. The result is a sturdy work surface that keeps small parts from falling onto the ground

and provides a functional perimeter for robot trials. The base provides storage while the top acts as both an assembly area and proving ground. Double-sided cabinet composed of solid hard maple and hard maple plywood. Features heavy-duty face frame construction. Top overhangs the base by roughly 9" on all sides.

Overall size 49"W x 61"D x 32"H.

Stk.	Mfr.	Item	Price
<b>439405</b>	SWRS-3131	Cabinet w/2 Doors	<b>WEB</b>
<b>439406</b>	SWRS-3232U	Cabinet w/2 Doors & 2 Drawers	<b>WEB</b>



### 4-Station Work Benches

**Hann** Ideal for school shop, crafts

room or art department. Base is hand built of heavy maple framing and hardwood paneling. Bally Block maple top. Natural finish.

Top 64"W x 54"D x 2-1/4"T. Base 35"W x 22"D x 29-3/4"H (ea.).

**12 Drawers** 12 master-keyed locking dovetailed drawers with handles.

Stk.	Mfr.	Vises	Price
<b>439320</b>	LCB-30-0V	None	<b>WEB</b>
<b>562640</b>	LCB-30-4V	4 Wilton (7")	<b>WEB</b>

**4 Doors** 2 master-keyed locking double-door cabinets.

Stk.	Mfr.	Vises	Price
<b>439321</b>	LCB-31-0V	None	<b>WEB</b>
<b>562641</b>	LCB-31-4V	4 Wilton (7")	<b>WEB</b>



### 4-Station Work Bench w/12 Lockers

**Diversified Woodcrafts** 12 lockers in a base constructed of solid maple and maple veneers. Locking doors have pulls and 5-knuckle heavy-duty hinges. 2-1/4"T maple top. Earth-

friendly UV finish. Locker openings (12) 11"W x 21"D x 11-1/8"H.

Top 64"W x 54"D x 2-1/4"H. Base 36"W x 42"D x 29"H.

Stk.	Mfr.	Vises	Price
<b>155360</b>	WW12-0V	None	<b>WEB</b>
<b>562605</b>	WW12-4V	4 Wilton (7")	<b>WEB</b>



### Art & Printmaking Workstation

**Hann** Workstation serves as a project center with a large, sturdy work surface as well as storage space. The base of the workstation consists of 2 cabinets placed back-to-back. One side of this workstation features a 6-drawer cabinet

for paper and tool storage. Each drawer measures 31"W x 23"D x 1-3/4"H (I.D.). The opposite side of the unit is a locking double-door cabinet with an adjustable shelf for flexible storage of larger project items. The top overhangs the base cabinets by roughly 9" on all sides allowing for seating around the entire perimeter of the workstation. Natural finish.

Overall size 64"W x 54"D x 33-1/4"H.

Stk.	Mfr.	Item	Price
<b>439216</b>	AWS-333I	2-1/4" Maple Top	<b>WEB</b>
<b>439217</b>	AWS-333I-P	1-1/4" HPL Top	<b>WEB</b>



### Craft & Project Workstation

**Hann** This workstation serves as a project center with a large, sturdy work surface as well as storage space. The base of the workstation consists of 2 cabinets placed back-to-back. The same cabinet is used on both sides of this unit. Each cabinet

has storage for 2 tote caddies in the upper section and 2 large drawers for tools and supplies in the lower section. The drawers measure 31"W x 19"D x 3"H (I.D.). The top overhangs the base cabinets by roughly 9" on all sides allowing for seating around the entire perimeter of the workstation. Natural finish.

Overall size 64"W x 54"D x 33-1/4"H.

**Includes** 2 totes.

Stk.	Mfr.	Item	Price
<b>439214</b>	AWS-2D2T-P	1-1/4" HPL Maple Grain Top	<b>WEB</b>
<b>439215</b>	AWS-2D2T	2-1/4" Hard Maple Top	<b>WEB</b>



### 8-Station Work Bench

**Hann** This unit can serve as a training module or project center for up to eight students. Each wing provides workspace while the center allows space for parts and materials. 2-1/4" hard maple top includes a center octagonal section that measures 56" across

and 4 wings which are all 32"W x 30"D. Top overhangs the base cabinets by roughly 4" on all sides.

Base cabinets all feature heavy-duty solid hard maple face frame construction. Base cabinet under each wing includes an adjustable shelf. Drawer cabinets in the center include 3 drawers. Upper drawers measure 16"W x 13"D x 4"H (I.D.) and the lower drawer measures 16"W x 13"D x 8"H (I.D.).

Overall height 32".

Stk.	Mfr.	Price
<b>439495</b>	WB8-3I	<b>WEB</b>



### 4-Station Work Bench with Doors

**Midwest** Two Montisa Learning bases with 2-1/4" thick Bally Block top. Top is electronically bonded (laminated) together by the famous Wood Welded® construction that uses controlled pressure

and resin adhesives. The surfaces and edges are accurately planed and sanded, then covered with a special wear-resistant finish - Durakryl™ 102. This tough, nontoxic coating will repel alcohol, bleach, even paint thinner!

Cabinets have all-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. swinging doors have a master-keyed cylinder lock mounted in chrome handle with 2-point locking system. Adjustable shelf. Gray baked enamel finish. Bases shipped set-up.

Base size: 36"W x 42"D x 31"H. Top size: 54"W x 64"D x 2-1/4"T.

Stk.	Mfr.	Vises	Base Units	Price
<b>556564</b>	MW8A	None	(2) Mfr. 4140	<b>WEB</b>
<b>556698</b>	MW8E	4 Wilton (7")	(2) Mfr. 4140	<b>WEB</b>
<b>556699</b>	MW8F	4 Wilton (10")	(2) Mfr. 4140	<b>WEB</b>



### 4-Station Work Bench with 8 Lockers

**Midwest** Two Montisa Learning bases with 2-1/4" thick Bally Block top. Top is electronically bonded (laminated) together by the famous Wood Welded® construction that

uses controlled pressure and resin adhesives. The surfaces and edges are accurately planed and sanded, then covered with a special wear-resistant finish - Durakryl™ 102. This tough, nontoxic coating will repel alcohol, bleach, even paint thinner!

Lockers have all-welded, I-section construction with reinforced side panels (20 ga.). Doors (18 ga.) have spring hinges, padlock hasp and knockout plug for cylinder lock (sold separately). Gray baked enamel finish. Bases shipped set-up.

Locker openings: 8 (each 18"W x 21"D x 15"H).

Base size: 36"W x 42"D x 31"H. Top size: 54"W x 64"D x 2-1/4"T.

Stk.	Mfr.	Vises	Base Units	Price
<b>557515</b>	MW68A	None	(2) Mfr. 4168	<b>WEB</b>
<b>557518</b>	MW68E	4 Wilton (7")	(2) Mfr. 4168	<b>WEB</b>
<b>557519</b>	MW68F	4 Wilton (10")	(2) Mfr. 4168	<b>WEB</b>



### 4-Station Work Bench with 12 Flat Lockers

**Midwest** Two Montisa Learning bases with 2-1/4" thick Bally Block top. Top is electronically bonded (laminated) together by the famous Wood Welded®

construction that uses controlled pressure and resin adhesives. The surfaces and edges are accurately planed and sanded, then covered with a special wear-resistant finish - Durakryl™ 102. This tough, nontoxic coating will repel alcohol, bleach, even paint thinner!

Lockers have all-welded, I-section construction with reinforced side panels (20 ga.). Doors (18 ga.) have spring hinges, padlock hasp and knockout plug for cylinder lock (sold separately). Gray baked enamel finish. Bases shipped set-up.

Locker openings: 12 (each 18"W x 21"D x 10"H).

Base size: 36"W x 42"D x 31"H. Top size: 54"W x 64"D x 2-1/4"T.

Stk.	Mfr.	Vises	Base Units	Price
<b>557368</b>	MW12SA	None	(2) Mfr. 4166	<b>WEB</b>
<b>557435</b>	MW12SC	4 Wilton (7")	(2) Mfr. 4166	<b>WEB</b>
<b>557503</b>	MW12SF	4 Wilton (10")	(2) Mfr. 4166	<b>WEB</b>





#### 4-Station Work Bench with 12 Lockers

**Midwest** Two Montisa Learning bases with 2-1/4" thick Bally Block top. Top is electronically bonded (laminated) together by the famous Wood Welded®

construction that uses controlled pressure and resin adhesives. The surfaces and edges are accurately planed and sanded, then covered with a special wear-resistant finish - Durakryl™ 102. This tough, nontoxic coating will repel alcohol, bleach, even paint thinner!

Lockers have all-welded, I-section construction with reinforced side panels (20 ga.). Doors (18 ga.) have spring hinges, padlock hasp and knockout plug for cylinder lock (sold separately). Gray baked enamel finish. Bases shipped set-up.

Locker openings: 12 (each 12"W x 21"D x 15"H).

Base size: 36"W x 42"D x 31"H. Top size: 54"W x 64"D x 2-1/4"T.

Stk.	Mfr.	Vises	Base Units	Price
<b>557167</b>	MW12A	None	(2) Mfr. 4160	<b>WEB</b>
<b>557234</b>	MW12C	4 Wilton (7")	(2) Mfr. 4160	<b>WEB</b>
<b>557302</b>	MW12F	4 Wilton (10")	(2) Mfr. 4160	<b>WEB</b>



#### Metalworking Bench with Doors

**Montisa Learning** Two Montisa Learning bases with heavy-gauge steel top with 2" thick core of layered particleboard and plywood. Steel top corners are welded and ground smooth. Top surface is enamel finished.

Cabinets have all-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. swinging doors have a master-keyed cylinder lock mounted in chrome handle with 2-point locking system. Adjustable shelf. Gray baked enamel finish. Bases shipped set-up.

Base size: 36"W x 42"D x 31"H. Top size: 54"W x 64"D x 2"T.

Stk.	Mfr.	Base Units	Price
<b>544852</b>	MW6021	(2) Mfr. 4140	<b>WEB</b>



#### Metalworking Bench with 12 Lockers

**Montisa Learning** Two Montisa Learning bases with heavy-gauge steel top with 2" thick core of layered particleboard and plywood. Steel top corners are welded and ground smooth. Top surface is enamel finished.

Lockers have all-welded, I-section construction with reinforced side panels (20 ga.). Doors (18 ga.) have spring hinges, padlock hasp and knockout plug for cylinder lock (sold separately). Gray baked enamel finish. Bases shipped set-up.

Locker openings: 12 (each 12"W x 21"D x 15"H).

Base size: 36"W x 42"D x 31"H. Top size: 54"W x 64"D x 2"T.

Stk.	Mfr.	Base Units	Price
<b>544850</b>	MW6020	(2) Mfr. 4160	<b>WEB</b>



#### Work Bench with Lockers

**Midwest** Built on a base of steel constructed Foundation Storage Lockers and topped with a heavy-duty maple work surface, this Multi-Locker Work Bench is tough and made to last. Use work benches in shops, labs, or make a statement in an

office environment. Assembly required.

Wood Welded® Butcher Block Work Bench Top is heavy-duty, hard-wearing and favored for their ability to be easily resurfaced for a lifetime of use, this top is built of laminated edge-grain northern hard rock maple. 3/8" radius edge for comfort. Factory-finished with Durakryl 102®, this tough non-toxic coating repels alcohol, bleach, paint thinner and most other solvents.

Montisa Learning Foundation Bases have all-welded, I-section construction with reinforced 20 gauge side panels. 18 gauge doors have spring hinges, padlock hasp (locks sold separately) and knockout plug for cylinder lock. Gray baked enamel finish. Bases shipped set-up.

#### 8 Lockers Base units (1) Mfr. 4160, (1) Mfr. 4162.

Stk.	Mfr.	Base	Top	Price
<b>561321</b>	WA15	4"W	1-3/4"T x 5"W x 24"D	<b>WEB</b>
<b>561656</b>	WA25	4"W	2-1/4"T x 5"W x 24"D	<b>WEB</b>

#### 10 Lockers Base units (1) Mfr. 4160, (2) Mfr. 4162.

Stk.	Mfr.	Base	Top	Price
<b>561388</b>	WA16	5"W	1-3/4"T x 6"W x 24"D	<b>WEB</b>
<b>561723</b>	WA26	5"W	2-1/4"T x 6"W x 24"D	<b>WEB</b>

#### 12 Lockers Base units (2) Mfr. 4160.

Stk.	Mfr.	Base	Top	Price
<b>561455</b>	WA17	6"W	1-3/4"T x 7"W x 24"D	<b>WEB</b>
<b>561790</b>	WA27	6"W	2-1/4"T x 7"W x 24"D	<b>WEB</b>

#### 14 Lockers Base units (2) Mfr. 4160, (1) Mfr. 4162.

Stk.	Mfr.	Base	Top	Price
<b>561522</b>	WA18	7"W	1-3/4"T x 8"W x 24"D	<b>WEB</b>
<b>561857</b>	WA28	7"W	2-1/4"T x 8"W x 24"D	<b>WEB</b>

#### 16 Lockers Base units (2) Mfr. 4160, (2) Mfr. 4162.

Stk.	Mfr.	Base	Top	Price
<b>561589</b>	WA19	8"W	1-3/4"T x 9"W x 24"D	<b>WEB</b>
<b>561924</b>	WA29	8"W	2-1/4"T x 9"W x 24"D	<b>WEB</b>

#### 18 Lockers Base units (3) Mfr. 4160.

Stk.	Mfr.	Base	Top	Price
<b>561991</b>	WA110	9"W	1-3/4"T x 10"W x 24"D	<b>WEB</b>
<b>562125</b>	WA210	9"W	2-1/4"T x 10"W x 24"D	<b>WEB</b>

#### 22 Lockers Base units (3) Mfr. 4160, (2) Mfr. 4162.

Stk.	Mfr.	Base	Top	Price
<b>562058</b>	WA112	10"W	1-3/4"T x 12"W x 24"D	<b>WEB</b>
<b>562192</b>	WA212	10"W	2-1/4"T x 12"W x 24"D	<b>WEB</b>



### Work Bench with 3 Double Doors

**Midwest** Built on a base of steel constructed Foundation Storage Cabinets and topped with a heavy-duty maple work surface, this work bench is tough and made to last. Use work benches in shops, labs, or

make a statement in an office environment. Assembly required.

Wood Welded® Butcher Block Work Bench Top is heavy-duty, hard-wearing and favored for their ability to be easily resurfaced for a lifetime of use, this top is built of laminated edge-grain northern hard rock maple. 3/8" radius edge for comfort. Factory-finished with Durakryl 102®, this tough non-toxic coating repels alcohol, bleach, paint thinner and most other solvents.

Montisa Learning Foundation Bases have all-welded, I-section construction with reinforced 20 gauge side panels. 18 gauge swinging doors have a master-keyed cylinder lock mounted in chrome handle with 2-point locking system. Includes 1 adjustable shelf. Gray baked enamel finish. Bases shipped set-up.

Base units (3) Mfr. 4140. Overall base 108"W x 21"D x 31"H.

Stk.	Mfr.	Top	Price
<b>562259</b>	WCC-1	1-3/4"T x 10"W x 24"D	<b>WEB</b>
<b>562326</b>	WCC-2	2-1/4"T x 10"W x 24"D	<b>WEB</b>



### Work Bench with 3 Sliding Door Units

**Midwest** Built on a base of steel constructed Foundation Storage Cabinets and topped with a heavy-duty maple work surface, this work bench is tough and

made to last. Use work benches in shops, labs, or make a statement in an office environment. Assembly required.

Wood Welded® Butcher Block Work Bench Top is heavy-duty, hard-wearing and favored for their ability to be easily resurfaced for a lifetime of use, this top is built of laminated edge-grain northern hard rock maple. 3/8" radius edge for comfort. Factory-finished with Durakryl 102®, this tough non-toxic coating repels alcohol, bleach, paint thinner and most other solvents.

Montisa Learning Foundation Bases have all-welded, I-section construction with reinforced 20 gauge side panels. 18 gauge locking doors slide on nylon rollers have a master-keyed cylinder lock. Includes 1 adjustable shelf. Gray baked enamel finish. Bases shipped set-up.

Base units (3) Mfr. 4135. Base size: 108"W x 21"D x 31"H.

Stk.	Mfr.	Top	Price
<b>562527</b>	WCSD-1	1-3/4"T x 10"W x 24"D	<b>WEB</b>
<b>562594</b>	WCSD-2	2-1/4"T x 10"W x 24"D	<b>WEB</b>



### General Utility Bench Unit

**Midwest** Built on a base of steel constructed Foundation Storage Units and topped with a extra sturdy work surface, this General Utility Work Bench is tough and made to last. Use work benches in shops, labs, or make a statement in an

office environment. Bases have all-welded, I-section construction with reinforced 20 gauge side panels. 18 gauge swinging doors. Drawers operate smoothly nylon rollers. Gray baked enamel finish.

Wood Welded® butcher block tops are heavy-duty, hard-wearing and favored for their ability to be easily resurfaced for a lifetime of use, these tops are built of laminated edge-grain northern hard rock maple. 3/8" radius edge for comfort. Factory-finished with Durakryl 102®, this tough non-toxic coating repels alcohol, bleach, paint thinner and most other solvents. Assembly required.

Base units (2) Mfr. 4140, (2) Mfr. 4162, (1) Mfr. 4166, (1) Mfr. 5001, (1) Mfr. 5004. Base size: 132"W x 21"D x 31"H.

**Top shipped in 1 piece.**

Stk.	Mfr.	Top	Price
<b>561255</b>	U12-1	1-3/4"T x 12"W x 24"D	<b>WEB</b>
<b>561256</b>	U12-2	2-1/4"T x 12"W x 24"D	<b>WEB</b>



### Foundation Base with 2 Lockers

**Montisa Learning** Freestanding, steel-constructed locker bases are designed to be paired with a countertop. Lockers can be combined with drawers and cabinets to tailor a durable solution for classrooms, shops and labs. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. doors have spring hinges, padlock hasp, finger pulls and

knockout plug for cylinder lock. Gray baked enamel finish. All lockers are 21" D. Shipped set-up.

**Locks sold separately.**

Stk.	Mfr.	Overall Size	Opening	Price
<b>210690</b>	4162	12"W x 31"H	12"W x 15"H	<b>WEB</b>



### Foundation Base with 3 Lockers

**Montisa Learning** Freestanding, steel-constructed locker base designed to be paired with a countertop to create a workspace. Lockers can be combined with drawers and cabinets to tailor a durable solution for classrooms, shops and labs. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. doors have

spring hinges, padlock hasp, finger pulls and knockout plug for cylinder lock. Gray baked enamel finish. Shipped set-up.

Overall size 18"W x 21"D x 31"H. Opening size 18"W x 21"D x 10"H.

**Locks sold separately.**

Stk.	Mfr.	Price
<b>210757</b>	4165	<b>WEB</b>



### Foundation Base with 4 Lockers

**Montisa Learning** Freestanding, steel-constructed cabinet bases designed to be paired with a countertop to create a workspace. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. doors have spring hinges, finger pulls, padlock hasp and knockout plug for cylinder lock. Gray baked enamel finish. Shipped set-up.

Opening size: 18"W x 15"H x 21"D. Unit size: 36"W x 31"H x 21"D.

**Locks sold separately.**

Stk.	Mfr.	Price
<b>210826</b>	4168	<b>WEB</b>



#### Foundation Base with 6 Flat Lockers

**Montisa Learning** Freestanding, steel-constructed cabinet bases designed to be paired with a countertop to create a workspace. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. doors have spring hinges, finger pulls, padlock hasp and knockout

plug for cylinder lock. Gray baked enamel finish. Shipped set-up.

Opening size: 18"W x 10"H x 21"D. Unit size: 36"W x 31"H x 21"D.

**Locks sold separately.**

Stk.	Mfr.	Price
<b>210824</b>	4166	<b>WEB</b>



#### Foundation Base with 6 Lockers

**Montisa Learning** Freestanding, steel-constructed cabinet bases designed to be paired with a countertop to create a workspace. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. doors have spring hinges, finger pulls, padlock hasp and knockout plug for cylinder lock. Gray baked enamel finish. Shipped set-up.

Unit size: 36"W x 27"H x 21"D

**Locks sold separately.**

Stk.	Mfr.	Opening	Price
<b>210556</b>	4160	12"W x 21"D x 15"H	<b>WEB</b>



#### Foundation Cabinet Base with 1 Door

**Montisa Learning** Freestanding, steel-constructed cabinet bases are designed to be paired with countertops. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. door with spring hinges and wire pull. Adjustable shelf. Gray baked enamel finish. Shipped set-up.

Unit size 18"W x 31"H x 21"D.

Stk.	Mfr.	Price
<b>211293</b>	5001	<b>WEB</b>



#### Foundation Cabinet Base with Doors and Drawers

**Montisa Learning** Freestanding, steel-constructed cabinet bases designed to be paired with a countertop to create a workspace. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. swinging doors have a master-keyed cylinder lock mounted in chrome

handle with 2-point locking system. 2 box drawers (15"W x 19-3/4"D x 6"H) with nylon rollers, aluminum handles and knockout plugs for cylinder locks (sold separately). Gray baked enamel finish. Shipped set-up.

Stk.	Mfr.	Overall Size	Price
<b>210850</b>	4180	36"W x 21"D x 31"H	<b>WEB</b>



#### Foundation Cabinet Base with Doors

**Montisa Learning** Freestanding, steel-constructed cabinet bases designed to be paired with a countertop to create a workspace. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. swinging doors have a master-keyed cylinder lock mounted in chrome

handle with 2-point locking system. Adjustable shelf. Gray baked enamel finish. Shipped set-up.

Stk.	Mfr.	Overall Size	Price
<b>210489</b>	4140	36"W x 21"D x 31"H	<b>WEB</b>



#### Foundation Cabinet Base with Sliding Doors

**Montisa Learning** Freestanding, steel-constructed cabinet bases designed to be paired with a countertop to create a workspace. All-welded, I-section construction with reinforced 20 ga. side panels. 18 ga. locking doors slide

on nylon rollers. Master-keyed cylinder lock. Adjustable shelf. Gray baked enamel finish. Shipped set-up.

Stk.	Mfr.	Overall Size	Price
<b>210422</b>	4135	36"W x 21"D x 31"H	<b>WEB</b>



#### Number Plates

**Montisa Learning** For Montisa Learning shop lockers.

**Please specify number(s).**

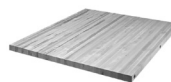
Stk.	Mfr.	Qty.	Price
<b>207208</b>	74NP	1	<b>WEB</b>



#### Built-in Master-keyed Combination Lock

**Montisa Learning** Combination lock is shipped factory-mounted in locker doors (when specified) to provide master-key control by instructor. Different combination settings can be obtained on each lock for reset each term.

Stk.	Mfr.	Price
<b>209910</b>	1654	<b>WEB</b>



#### 2- & 4-Student Butcher Block Bench Tops

**Bally Block** Wood Welded® butcher block work bench top is ideal for the demands of classrooms, chemistry labs and industrial arts education facilities. Heavy-duty, hard-wearing and favored for their ability to be easily resurfaced for a lifetime of use, this top is built of laminated edge-grain northern hard rock maple. 3/8" radius edge for comfort. Factory-finished with Durakryl 102®, this tough non-toxic coating repels alcohol, bleach, paint thinner and most other solvents.

#### 2-1/4" 2-Student Top

Stk.	Mfr.	Overall Size	Qty.	Price
<b>165747</b>	ASA06428	64"L x 28"D	1	<b>WEB</b>

#### 2-1/4" 4-Student Top

Stk.	Mfr.	Overall Size	Qty.	Price
<b>128134</b>	ASA06454	64"L x 54"D	1	<b>WEB</b>



### Butcher Block Bench Top

**Bally Block** Wood Welded® butcher block work bench top is ideal for the demands of classrooms, chemistry labs and industrial arts education facilities. Heavy-duty, hard-wearing

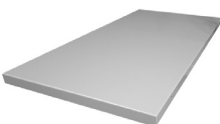
and favored for their ability to be easily resurfaced for a lifetime of use, this top is built of laminated edge-grain northern hard rock maple. 3/8" radius edge for comfort. Factory-finished with Durakryl 102®, this tough non-toxic coating repels alcohol, bleach, paint thinner and most other solvents.

#### 1-3/4" Top

Stk.	Mfr.	Overall Size	Qty.	Price
<b>128335</b>	AIA04824	4'L x 24"D	1	<b>WEB</b>
<b>128402</b>	AIA06024	5'L x 24"D	1	<b>WEB</b>
<b>128469</b>	AIA07224	6'L x 24"D	1	<b>WEB</b>
<b>128603</b>	AIA09624	8'L x 24"D	1	<b>WEB</b>
<b>128804</b>	AIA04830	4'L x 30"D	1	<b>WEB</b>
<b>128871</b>	AIA06030	5'L x 30"D	1	<b>WEB</b>
<b>128938</b>	AIA07230	6'L x 30"D	1	<b>WEB</b>
<b>129072</b>	AIA09630	8'L x 30"D	1	<b>WEB</b>
<b>129273</b>	AIA04836	4'L x 36"D	1	<b>WEB</b>
<b>129340</b>	AIA06036	5'L x 36"D	1	<b>WEB</b>
<b>129407</b>	AIA07236	6'L x 36"D	1	<b>WEB</b>
<b>129541</b>	AIA09636	8'L x 36"D	1	<b>WEB</b>

#### 2-1/4" Top

Stk.	Mfr.	Overall Size	Qty.	Price
<b>129742</b>	ASA04824	4'L x 24"D	1	<b>WEB</b>
<b>129809</b>	ASA06024	5'L x 24"D	1	<b>WEB</b>
<b>129876</b>	ASA07224	6'L x 24"D	1	<b>WEB</b>
<b>130010</b>	ASA09624	8'L x 24"D	1	<b>WEB</b>
<b>130211</b>	ASA04830	4'L x 30"D	1	<b>WEB</b>
<b>130278</b>	ASA06030	5'L x 30"D	1	<b>WEB</b>
<b>130345</b>	ASA07230	6'L x 30"D	1	<b>WEB</b>
<b>130479</b>	ASA09630	8'L x 30"D	1	<b>WEB</b>
<b>130680</b>	ASA04836	4'L x 36"D	1	<b>WEB</b>
<b>130747</b>	ASA06036	5'L x 36"D	1	<b>WEB</b>
<b>130814</b>	ASA07236	6'L x 36"D	1	<b>WEB</b>
<b>130948</b>	ASA09636	8'L x 36"D	1	<b>WEB</b>



### Heavy Steel Capped Bench Top

**Montisa Learning** 2"T bench top made of 12 ga. heavy steel capping over a 2" filler core. Corners are welded and ground smooth. Enameled gray finish.

Stk.	Mfr.	Overall Size	Price
<b>210355</b>	SC2864S	64"L x 28-1/2"D	<b>WEB</b>
<b>211628</b>	SC5464S	64"L x 54"D	<b>WEB</b>

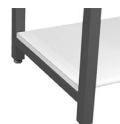


### Kennedy Series Work Bench

**BenchPro** Laminated tops and shelves are water resistant, but not recommended for use where constant water spills are possible. Meets ANSI, BIFMA, DIN and GSA standards. 6,600 lb. capacity, 1.2"T top, frame 16-gauge

steel. Dark Blue frame, Storm Gray Formica laminate round front.

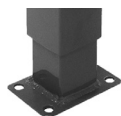
Stk.	Mfr.	Overall Size	Price
<b>235240</b>	KF2448	24"D x 48"L x 32"H	<b>WEB</b>
<b>235241</b>	KF2460	24"D x 60"L x 32"H	<b>WEB</b>
<b>235242</b>	KF2472	24"D x 72"L x 32"H	<b>WEB</b>
<b>235243</b>	KF3048	30"D x 48"L x 32"H	<b>WEB</b>
<b>235244</b>	KF3060	30"D x 60"L x 32"H	<b>WEB</b>
<b>235245</b>	KF3072	30"D x 72"L x 32"H	<b>WEB</b>



### Kennedy Series Work Bench Shelf

**BenchPro** Laminated shelves are water resistant, but they are not recommended for use where running water is present or where constant water spills are possible. Dark blue frame. Storm Gray Formica round front. For use with BenchPro Kennedy Series work benches.

Stk.	Mfr.	Overall Size	Price
<b>235260</b>	BSCR1246	12"D x 46"L	<b>WEB</b>
<b>235261</b>	BSCR1258	12"D x 58"L	<b>WEB</b>
<b>235262</b>	BSCR1270	12"D x 70"L	<b>WEB</b>
<b>235263</b>	BSCR1546	15"D x 46"L	<b>WEB</b>
<b>235264</b>	BSCR1558	15"D x 58"L	<b>WEB</b>
<b>235265</b>	BSCR1570	15"D x 70"L	<b>WEB</b>



### Kennedy Series Adjustable Legs

**BenchPro** For use with BenchPro Kennedy Series work benches. Adjusts up to 6" in 2" increments. 16-gauge steel. Dark Blue frame. Quantity 4.

Stk.	Mfr.	Price
<b>235250</b>	FLP	<b>WEB</b>



### Kennedy Series Urethane Casters

**BenchPro** Set of four 5" dia. casters for use with Kennedy Series work benches. 1,200 lb. capacity.

Stk.	Mfr.	Price
<b>235255</b>	CL5-UB	<b>WEB</b>



### Fab Lab Work Bench

**Diversified Woodcrafts** This bench is ideal for Makerspaces and Fab Labs. It is adjustable from 25-1/2"H to 35-1/2"H. Add an additional 4" to the height by adding 4" locking casters (sold separately). The legs and frame are 18-ga.

steel with a gray enamel finish. The static weight capacity is 1,500 lbs. without casters and 1,200 lbs. with casters. SEFA compliant and MAS Certified Green. Made in the USA.

#### 1-1/2" ShopTop®

Stk.	Mfr.	Overall Size	Price
<b>154981</b>	AMS60307G	60"W x 30"D x 25-1/2" to 35-1/2"H	<b>WEB</b>
<b>154983</b>	AMS72307G	72"W x 30"D x 25-1/2" to 35-1/2"H	<b>WEB</b>
<b>154985</b>	AMS96307G	96"W x 30"D x 25-1/2" to 35-1/2"H	<b>WEB</b>

#### 1-3/4" Maple Top

Stk.	Mfr.	Overall Size	Price
<b>154980</b>	AMS60305G	60"W x 30"D x 25-1/2" to 35-1/2"H	<b>WEB</b>
<b>154982</b>	AMS72305G	72"W x 30"D x 25-1/2" to 35-1/2"H	<b>WEB</b>
<b>154984</b>	AMS96305G	96"W x 30"D x 25-1/2" to 35-1/2"H	<b>WEB</b>



### Fab Lab Work Bench Casters

**Diversified Woodcrafts** Set of 4 casters are 4" high and will elevate the Fab Lab work bench 5". Heavy-duty ball bearing casters are rated at 1,200 lbs. static load.

Stk.	Mfr.	Price
<b>154986</b>	253996	<b>WEB</b>





### Adjustable Leg Work Bench

**Tennsco** Fabricated of cold rolled carbon steel, free of scale or rust and fully pickled. Exposed edges, corners and surface areas are free of sharp edges. Durable 12 ga. steel work surface with 14 ga. end channels.

Smooth surface will not absorb oil or crack. Medium Gray baked enamel finish resists rust. Adjustable legs of 13 ga. steel adjust in 1-1/2" increments from 27-7/8" - 35-3/8". Knock-outs in legs for electrical outlets. Assembly required.

*Shown with tools and vise, sold separately.*

### Compressed Wood Top

Stk.	Mfr.	Overall Size	Price
<b>892714</b>	WBA-I-3060C	5'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>
<b>892715</b>	WBA-I-3072C	6'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>
<b>892716</b>	WBA-I-3672C	6'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>

### Hardwood Top

Stk.	Mfr.	Overall Size	Price
<b>892717</b>	WBA-I-3060W	5'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>
<b>892718</b>	WBA-I-3072W	6'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>
<b>892719</b>	WBA-I-3672W	6'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>

### Steel Top

Stk.	Mfr.	Overall Size	Price
<b>892711</b>	WBA-I-3060S	5'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>
<b>892712</b>	WBA-I-3072S	6'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>
<b>892713</b>	WBA-I-3672S	6'W x 30"D x 25-7/8" to 35-3/8"H	<b>WEB</b>



### Heavy-duty Work Benches

**BenchPro** Heavy-duty tables with 20,000 lb. capacity, 3" x 14 ga. tubular legs. 2" x 3" gray frame tubing. Adjustable height glides included. 10-yr. mfr.'s warranty. Some assembly required.

**Meets ANSI, BIFMA, DIN & GSA Structural Standards.**

**Maple Top** Butcher block is made from 1-3/4" thick strips of genuine maple hardwood. Glued edge to edge to reduce splitting and warping. Top is treated with oil for industrial assembly applications.

Stk.	Mfr.	Overall Size	Price
<b>235220</b>	HW2448	48"W x 24"D x 32"H	<b>WEB</b>
<b>235221</b>	HW2460	60"W x 24"D x 32"H	<b>WEB</b>
<b>235222</b>	HW2472	72"W x 24"D x 32"H	<b>WEB</b>
<b>235225</b>	HW3048	48"W x 30"D x 32"H	<b>WEB</b>
<b>235226</b>	HW3060	60"W x 30"D x 32"H	<b>WEB</b>
<b>235227</b>	HW3072	72"W x 30"D x 32"H	<b>WEB</b>
<b>235230</b>	HW3648	48"W x 36"D x 32"H	<b>WEB</b>
<b>235231</b>	HW3660	60"W x 36"D x 32"H	<b>WEB</b>
<b>235232</b>	HW3672	72"W x 36"D x 32"H	<b>WEB</b>

**Steel Top** Heavy-duty 18 ga. grade 304 stainless steel top with #4 brushed finish over 1-1/2" T solid particleboard. Not recommended for food preparation areas.

Stk.	Mfr.	Overall Size	Price
<b>235200</b>	HN2448	48"W x 24"D x 32"H	<b>WEB</b>
<b>235201</b>	HN2460	60"W x 24"D x 32"H	<b>WEB</b>
<b>235202</b>	HN2472	72"W x 24"D x 32"H	<b>WEB</b>
<b>235205</b>	HN3048	48"W x 30"D x 32"H	<b>WEB</b>
<b>235206</b>	HN3060	60"W x 30"D x 32"H	<b>WEB</b>
<b>235207</b>	HN3072	72"W x 30"D x 32"H	<b>WEB</b>
<b>235210</b>	HN3648	48"W x 36"D x 32"H	<b>WEB</b>
<b>235211</b>	HN3660	60"W x 36"D x 32"H	<b>WEB</b>
<b>235212</b>	HN3672	72"W x 36"D x 32"H	<b>WEB</b>



### Flared Leg Work Bench with Shelf

**Tennsco** 13 ga. steel legs are electrically welded into a 1-piece rigid framework. Flared feet permit bolting to the floor. Knock-outs in legs for electrical outlets. 2 stringer legs and 14 ga. stringer. Medium gray color.

*Shown with tools, sold separately.*

**Steel Top Bench** Top is 12 ga. steel with 14 ga. end channels.

Stk.	Mfr.	Overall Size	Price
<b>892703</b>	WB-2-3060S-MGY	5'W x 30"D x 33-1/2"H	<b>WEB</b>
<b>892704</b>	WB-2-3072S-MGY	6'W x 30"D x 33-1/2"H	<b>WEB</b>
<b>892705</b>	WB-2-3672S-MGY	6'W x 36"D x 33-1/2"H	<b>WEB</b>

**Butcher Block Top Bench** Solid laminated hardwood butcher block top resists warping. Resandable surface is ideal for delicate machined parts and dies.

Stk.	Mfr.	Overall Size	Price
<b>892706</b>	WB-2-3060W-MGY	5'W x 30"D x 33-3/4"H	<b>WEB</b>
<b>892707</b>	WB-2-3072W-MGY	6'W x 30"D x 33-3/4"H	<b>WEB</b>
<b>892708</b>	WB-2-3672W-MGY	6'W x 36"D x 33-3/4"H	<b>WEB</b>



### Flared Leg Work Bench

**Tennsco** Top is 12 ga. steel with 14 ga. end channels. 13 ga. steel legs are electrically welded into a 1-piece rigid framework. Flared feet permit bolting to the floor. Knock-outs in legs for electrical outlets. 2 stringer legs and 14 ga. stringer. Medium gray color.

*Shown with tools, sold separately.*

Stk.	Mfr.	Overall Size	Price
<b>892700</b>	WB-I-3060S-MGY	5'W x 30"D x 33-1/2"H	<b>WEB</b>
<b>892701</b>	WB-I-3072S-MGY	6'W x 30"D x 33-1/2"H	<b>WEB</b>
<b>892702</b>	WB-I-3672S-MGY	6'W x 36"D x 33-1/2"H	<b>WEB</b>



### Glue Clamp Bench with Drip Pan

**Diversified Woodcrafts** Bench provides an area for bar clamp storage and gluing projects. Open top has 17 sets of 3/4"W grooves cut into heavy-gauge steel rail to accept 3"L+ bar clamps. Use the lower rails to store hand screws and C-clamps. Solid maple table with Earth-friendly UV finish. Assembly required.

Overall size 72"W x 36"D x 32"H.

Stk.	Mfr.	Price
<b>155268</b>	GCT-DP	<b>WEB</b>



### Electronic Modular Work Bench

**Tennsco** Modular bench offers 4-drawer and cabinet lockable units. Heavy gauge welded steel construction in the drawers and cabinet units provide stability. Pre-punched holes allow units to be bolted side-by-side. Removable, flat bottom drawers bring supplies to the work surface. Drawers extend fully, have recessed handles, quiet operation and entire unit locks with the turn of 1 key. Medium gray color.

Base size 6'W x 30"D x 33-1/2"H (steel top) x 33-3/4" (maple top).

**Includes** top, drawer and cabinet units, plus electronic outlet panel.

**Electronic Wiring Kit is required, sold separately.**

Stk.	Mfr.	Top	Price
<b>892619</b>	EMB-2-3072M-MGY	Maple	<b>WEB</b>



### Electronics Work Bench

**Tennsco** Sleek, closed end panel leg and stringer design creates a sturdy framework. Legs also offer the option of adding numerous electrical outlets, allowing for a variety of applications including testing equipment and

electronic component assembly. Tops are supported by a complete steel framework. Tops include a channel shaped stringer that tie the legs rigidly together. Medium gray.

**Includes** top, panel leg and electronic outlet pane.

**Bench shown with tools, sold separately. Electronic Wiring Kit required, sold separately.**

#### Bench w/stringer & outlet panel

Stk.	Mfr.	Base (WxDxH)	Top	Price
<b>892612</b>	EB-1-3072M-MGY	6' x 30" x 33-3/4"	Maple Laminate	<b>WEB</b>
<b>892613</b>	EB-1-3672M-MGY	6' x 36" x 33-3/4"	Maple Laminate	<b>WEB</b>

#### Bench w/stringer, outlet panel & electronic Riser

Stk.	Mfr.	Base	Top	Price
<b>892614</b>	EB-2-3072M-MGY	6' x 30" x 33-3/4"	Maple Laminate	<b>WEB</b>
<b>892615</b>	EB-2-3672M-MGY	6' x 36" x 33-3/4"	Maple Laminate	<b>WEB</b>



### Electronic Wiring Kit

**Tennsco** Pre-wired for quick installation. Use with Tennsco Electronics Work Benches.

**Includes** 4 duplex receptacles, on/off switch w/ pilot light, 8' grounded cord & plug (15 amp, 115V w/circuit breaker).

Stk.	Mfr.	Price
<b>892710</b>	WK-1	<b>WEB</b>



### Welded Steel Work Bench

**Pucel** Bench constructed of 12 gauge steel tops and legs, 16 gauge stringers and shelves (15-1/4"D), plus feature side and back stops. Top, stringer and legs are reinforced for extra strength. 3,000 lb. capacity.

Stk.	Mfr.	Overall Size	Price
<b>683813</b>	BS-3460	60"W x 34"D x 32-1/2"H	<b>WEB</b>



### Intermix 2-Door Mobile Workstation

**Diversified Woodcrafts** This workstation fosters collaboration and encourages productivity! Made of solid hardwood and finished with a chemical resistant, earth-friendly UV finish. It has 2 locking doors (ea. 30"W x 15"D x 25"H)

back-to-back with an adjustable shelf and 4" locking casters.

Overall size 60"W x 60"D x 30"H.

Stk.	Mfr.	Item	Price
<b>154960</b>	IMW0330LAAK	Oak	<b>WEB</b>
<b>154961</b>	IMW0330LAAM	Maple	<b>WEB</b>



### Intermix Mobile Workstation

**Diversified Woodcrafts** Workstation fosters collaboration and encourages productivity! Made of solid hardwood and finished with a chemical resistant, earth-friendly UV finish. Adjustable shelf, 4" locking casters and the clover

leaf top is a 60" almond color, high-pressure laminate.

Overall size 60"W x 60"D x 30"H.

Stk.	Mfr.	Item	Price
<b>154962</b>	IMW9230LAAK	Oak	<b>WEB</b>
<b>154963</b>	IMW9230LAAM	Maple	<b>WEB</b>



### Locking Mobile Cabinet

**Tennsco** Locking heavy-gauge steel bench with all-welded construction. Laminate work surface with side/back guards keep tools on top. 2 locking swivel casters (2 fixed). Locking drawer with divider and card holder. Locking cabinet with adjustable shelf on 3" centers. Medium gray color.

Overall size 42"W x 25"D x 36-1/4"H.

Stk.	Mfr.	Drawers	Shelves	Price
<b>892641</b>	MB-2-2542-MGY	1	2	<b>WEB</b>
<b>892640</b>	MB-1-2542-MGY	4	1	<b>WEB</b>



### Mobile Work Bench

**Greene** Choice of 11 ga. pan-folded steel or 1-3/4"T hardwood maple top. All welded construction frame of heavy-gauge steel with 14 ga. steel body and doors. 3-point locking recessed handle in

large storage area. 3 drawers with recessed pulls include cylinder locks with 2 keys each (master keys available). Smooth operating drawers are built for security and strength. 5" phenolic casters (2 rigid & 2 swivel heavy-duty). Sturdy side handle. Gray finish.

Overall size 75"L x 30"D x 34"H.

Stk.	Mfr.	Item	Price
<b>433668</b>	MG-88.M	Maple Top	<b>WEB</b>
<b>433669</b>	MG-88.STL	Steel Top	<b>WEB</b>



### Mobile Robotic Work Bench

**Diversified Woodcrafts** Maple plywood workbench provides 3 separate robot storage compartments each outfitted to accept a combination lock (sold separately). Each compartment has a roll out shelf which holds up to an 18" square robot and an

upper drawer with a customizable foam insert (included) to store tools (not included). The top is ShopTop™, which sandwiches a medium-density fiberboard between 2 layers of 1/2" high density particleboard, creating a non-conductive and splinter proof top 1-1/2" thick. Top extends 8" by raising and locking it in place. Lowering the extension allows the unit to fit through standard doorways. 4 heavy-duty locking casters with weight capacity of 350 lbs. each.

Overall size 72"W x 28"D (36"D extended) x 37"H.

**Shown with supplies, not included.**

Stk.	Mfr.	Item	Price
<b>155371</b>	VXR-7228M	with VEX Logo	<b>WEB</b>
<b>155372</b>	XR-7228M	without VEX Logo	<b>WEB</b>



### Multi-Purpose Mobile Project Workstation

**Hann** This workstation provides storage for project materials and a generous work-surface for collaboration and assembly. The double-sided cabinet is composed of solid hard maple and hard maple plywood and features heavy-duty face frame construction. It includes locking double-doors at the front and rear of the workstation, 1-1/4" thick maple grain HPL top with 3mm PVC edge banding and 4" locking casters.

Stk.	Mfr.	Overall Size	Price
<b>439410</b>	SWS-3131P-C	54"W x 64"D x 36"H	<b>WEB</b>



#### ShureShop® Portable Workbench

**Shure** Heavy-duty steel work bench with hardwood maple top features all-welded adjustable-height legs, full-length support stringer, back and end stops, plus a lower shelf. 4 heavy-duty locking swivel casters. Powder-coated sebring gray finish. Assembly required.

Stk.	Mfr.	Overall Size	Price
<b>795201</b>	811069	60"L x 30"D x 29"-40"H	<b>WEB</b>
<b>795202</b>	811070	72"L x 30"D x 29"-40"H	<b>WEB</b>



#### ShureShop® Mobile Workbench

**Shure** Powder-coated Sebring Gray finish. Assembly required.

**Includes** 2 locking swivel casters, 2 rigid casters and accessory kit.

Stk.	Mfr.	Overall Size	Price
<b>795195</b>	811062	48"L x 29"D x 29" - 41"H	<b>WEB</b>
<b>795196</b>	811063	60"L x 29"D x 29" - 41"H	<b>WEB</b>
<b>795197</b>	811064	72"L x 29"D x 29" - 41"H	<b>WEB</b>



#### Mobile Bench Cabinet w/4 Drawers

**Durham** 16 ga. all-welded steel cabinet (2,000 lb. capacity) with welded 12 ga. 12"H vice support. 4 full-extension drawers (ea. 100 lb. capacity) operate smoothly on ball bearing slides. Door offers a 3-pt. locking

handle with cylinder lock and 2 keys. Sturdy tubular handle. 6" x 2" bolt-on phenolic casters (2 swivel, 2 rigid). Durable, gray powder-coated finish. Shipped set up.

Overall size 60"W x 24"D x 39-3/4"H.

Drawers (4) 20-7/16"W x 14-11/16"D x 5-7/8"H.

**Shown w/supplies, sold separately.**

Stk.	Mfr.	Price
<b>345110</b>	3401-95	<b>WEB</b>



#### Makerspace Mobile Work Bench

**Diversified Woodcrafts** Mobile work bench provides a flexible work environment for students to collaborate, design and build projects. Solid maple and maple veneer work bench features 2 locking compartments. The

left compartment is lined with pegboard for hanging tools and includes a grommet for feeding power to the unit. The right compartment has 1 fixed and 2 adjustable shelves. The work bench has 4 locking, swivel casters.

Overall size 60"W x 30"D x 33.5"H.

**Includes** 6 tote trays.

Stk.	Mfr.	Item	Price
<b>155552</b>	MTSW-6030M	1-3/4" Maple Top	<b>WEB</b>
<b>155553</b>	MTSW-6030S	1-1/4" ShopTop	<b>WEB</b>



#### Mobile Tech Ed Workbench

**Hann** This heavy-duty mobile workbench with 1-3/4" solid maple top provides a solid surface to mount your bench top tools. Workbench features integrated dust collection plumbing to keep your shop and lungs clean. The maple base cabinet offers 2 locking double door storage areas for a dust collection system plus extra tools and supplies. Clear natural finish.

Overall size 108"L x 30"D x 34-1/2"H. Base 71"L x 28"D x 27-3/4"H. Top 108"L x 30"D x 1-3/4"T.

**Includes** 2 lockable double door storage areas, 2 GFCI's, locking casters and plumbing for dust collection.

Stk.	Mfr.	Item	Price
<b>439323</b>	MBC-30108M	Bench Only	<b>WEB</b>
<b>557201</b>	MW-30108-RIKON	Bench Plus Tools	<b>WEB</b>

#### Complete Set of Tools for MBC-30108M-RIKON

<b>Ridgid</b>	1 16" VS Scroll Saw
1 12 Gallon Wet/Dry Vacuum	1 4" Belt / 6" Disc Sander
<b>Rikon</b>	1 8" Bench Drill Press
1 10" Bench Band Saw	







#### 48" Tech Ed Tool Cabinet

**Hann** Heavy-duty built with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood back.

Upper cabinet & doors are lined with dedicated tool holders.

Lower cabinet consists of 2 adjustable shelves made of veneercore plywood. Master-keyed locking doors. Natural finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

**Includes** 6 tote trays (12-1/4"W x 3"H x 16-3/4"L) & 8 shelf bins (4-1/8"W x 4"H x 11-5/8"L).

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>439423</b>	TS-40	Cabinet Only	<b>WEB</b>
<b>554952</b>	MWTETC-40-T	Tools Only	<b>WEB</b>
<b>558653</b>	MWTETC-40CTHN	Cabinet Plus Tools	<b>WEB</b>

#### Complete Set of Tools for MWTETC-40-T

<b>Acme</b>	1 Wrench, Comb., Std., 14 pc.	<b>Olson</b>	1 Saw, Comp./Key., 12", 8 tpi
2 Scissors, Straight Trimmer, 8"			
<b>Bessey</b>	1 Wrench, Torque, 3/8"D		
2 Clamp, C-Clamp, 6"			
6 ea. Clamp, C-Clamp: 1", 2", 3"	2 Compass, Pencil, 8"	<b>Proto</b>	1 Wrench, Hex Key, Frac., 7 pc.
2 Clamp, Spring, 1"	1 Knife, Artist's, 29 pc.		
2 Clamp, Spring, 3"	6 Rule, Steel, 12"	<b>Skil</b>	3 Screwdriver, Cordless, 4V
<b>Bosch</b>	1 Screwdriver, Jeweler's, 6 pc.		
3 Drill, Cordless, 3/8", 12V		<b>Stanley</b>	3 Awl, Scratch
<b>Channellock</b>			1 Chisel, Wood, 3 pc.
2 Pliers, Lineman's, Rnd. Nose, 7"			1 ea. Hammer, Ball Pein: 12 oz x 13", 16 oz x 14"
<b>Chicago Brand</b>			2 ea. Hammer, Nail, Crv. Claw: 13 oz x 13-1/4", 16 oz x 13"
2 Caliper, Dial, 6"			1 Hammer, Soft Face, 8 oz, 12"
2 Square, Comb., 12"			1 Nail Set, 3 pc.
<b>Coleman Cable</b>			6 Nail Set, Self-centering
3 Surge Suppressor			2 Rule, Powerlock 1/2" x 12"
<b>Crescent</b>			3 Saw, Back, 14", 12 tpi
2 Pliers, Chain Nose, Long, 6"			1 Saw, Clamping Miter
2 Pliers, Diagonal Cut, 6"			3 Saw, Coping, 6-3/4"
1 Wrench, Adjustable, 12"			1 Saw, Hacksaw, 12"
3 Wrench, Adjustable, 6"			1 Saw, Handsaw, 20", 9 tpi
<b>CS Osborne</b>			1 Square, Comb., 12"
1 Mallet, Black Rubber, 13 oz.			1 Square, Rafter, Alum., 2" x 24"
<b>Dremel</b>			
1 Multi-Vise			
2 Rotary Tool, VS			
<b>Eklind</b>			
1 Wrench, Hex Key, Met., 10 pc.			
<b>Elenco</b>			
2 Magnifier, Extra Hand			
1 Multimeter, Digital			
<b>Excel</b>			
12 Knife, Artist's, #1			
12 Knife, Blades, Artist's, #11, 5/pkg.			
<b>GearWrench</b>			
1 Socket Std., 3/8D, 6-pt., 12 pc.			
1 Socket, Std., 1/4D, 6-pt., 15 pc.			
1 Wrench, Comb., Met., 16 pc.			



#### 48" Tech Ed Tool Cabinet

**Diversified Woodcrafts** Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

**Includes** power strip and assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558200), sold separately.**

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155526</b>	TETC-40	Cabinet Only	<b>WEB</b>
<b>554952</b>	MWTETC-40-T	Tools Only	<b>WEB</b>
<b>554953</b>	MWTETC-40-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558200</b>	MWTPKG-48	14 Tote Trays	<b>WEB</b>

#### Complete Set of Tools for MWTETC-40-T

<b>Acme</b>	1 Wrench, Comb., Std., 14 pc.	<b>Olson</b>	1 Saw, Comp./Key., 12", 8 tpi
2 Scissors, Straight Trimmer, 8"			
<b>Bessey</b>	1 Wrench, Torque, 3/8"D		
2 Clamp, C-Clamp, 6"			
6 ea. Clamp, C-Clamp: 1", 2", 3"	2 Compass, Pencil, 8"	<b>Proto</b>	1 Wrench, Hex Key, Frac., 7 pc.
2 Clamp, Spring, 1"	1 Knife, Artist's, 29 pc.		
2 Clamp, Spring, 3"	6 Rule, Steel, 12"	<b>Skil</b>	3 Screwdriver, Cordless, 4V
<b>Bosch</b>	1 Screwdriver, Jeweler's, 6 pc.		
3 Drill, Cordless, 3/8", 12V		<b>Stanley</b>	3 Awl, Scratch
<b>Channellock</b>			1 Chisel, Wood, 3 pc.
2 Pliers, Lineman's, Rnd. Nose, 7"			1 ea. Hammer, Ball Pein: 12 oz x 13", 16 oz x 14"
<b>Chicago Brand</b>			2 ea. Hammer, Nail, Crv. Claw: 13 oz x 13-1/4", 16 oz x 13"
2 Caliper, Dial, 6"			1 Hammer, Soft Face, 8 oz, 12"
2 Square, Comb., 12"			1 Nail Set, 3 pc.
<b>Coleman Cable</b>			6 Nail Set, Self-centering
3 Surge Suppressor			2 Rule, Powerlock 1/2" x 12"
<b>Crescent</b>			3 Saw, Back, 14", 12 tpi
2 Pliers, Chain Nose, Long, 6"			1 Saw, Clamping Miter
2 Pliers, Diagonal Cut, 6"			3 Saw, Coping, 6-3/4"
1 Wrench, Adjustable, 12"			1 Saw, Hacksaw, 12"
3 Wrench, Adjustable, 6"			1 Saw, Handsaw, 20", 9 tpi
<b>CS Osborne</b>			1 Square, Comb., 12"
1 Mallet, Black Rubber, 13 oz.			1 Square, Rafter, Alum., 2" x 24"
<b>Dremel</b>			
1 Multi-Vise			
2 Rotary Tool, VS			
<b>Eklind</b>			
1 Wrench, Hex Key, Met., 10 pc.			
<b>Elenco</b>			
2 Magnifier, Extra Hand			
1 Multimeter, Digital			
<b>Excel</b>			
12 Knife, Artist's, #1			
12 Knife, Blades, Artist's, #11, 5/pkg.			
<b>GearWrench</b>			
1 Socket Std., 3/8D, 6-pt., 12 pc.			
1 Socket, Std., 1/4D, 6-pt., 15 pc.			
1 Wrench, Comb., Met., 16 pc.			



## 60"W Tech Ed Tool Cabinet

**Diversified Woodcrafts** Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558201), sold separately.**

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155352</b>	TC-4	Cabinet Only	<b>WEB</b>
<b>544170</b>	MWTC4-T	Tools Only	<b>WEB</b>
<b>544171</b>	MWTC4-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558201</b>	MWTPPKG-60	19 Tote Trays	<b>WEB</b>

### Complete Set of Tools for MWTC4-T

<b>Acme</b>	1	Wrench, Comb., Met., 16 pc.	2	Saw, Comp/Key., 12", 8 tpi	
6	Scissors, Straight Trimmer, 8"		<b>Quick-Grip</b>		
<b>Bessey</b>	1	Wrench, Torque, 3/8"D	2	Clamp, Bar, 24"	
6	Clamp, C-Clamp, 3"	<b>General</b>	<b>Skil</b>		
2	Clamp, C-Clamp, 6"	6	Compass, Pencil, 8"	2	Screwdriver, Cordless, 4V
12 ea.	Clamp, C-Clamp: 1", 2"	16	Rule, Steel, 12"	<b>Stanley</b>	
12 ea.	Clamp, Spring: 1", 3"	1	Screwdriver, Jeweler's, 6 pc.	6	Awl, Scratch
<b>Bosch</b>		<b>Great Neck</b>		1	Chisel, Wood, 3 pc.
2	Drill, Cordless, 3/8", 12V	1	Nut Driver, 7 pc.	1	Hammer, Ball Pein: 12 oz. x 13", 16 oz. x 14"
<b>Channellock</b>		1	Pry Bar, Utility, 15"	1	Hammer, Dead Blow, 20 oz., 11"
6	Pliers, Lineman's, Rnd. Nose, 7"	5 ea.	Screwdriver, Phil.: #'s 1, 2	2	Hammer, Nail, 13 oz., 13"
<b>Chicago Brand</b>		5 ea.	Screwdriver, Std.: 3", 4", 6"	6	Hammer, Nail, 16 oz., 13-1/4"
2	Caliper, Dial, 6"	<b>Irwin</b>		2	Hammer, Soft Face, 8 oz., 12"
2	Square, Comb., 12"	1	Bit, Drill, HSS, 15 pc.	2	Knife, Putty, Flexible
<b>Coleman Cable</b>		1	Bit, Spade, 6", 6 pc.	1	Nail Set, 3 pc.
3	Surge Suppressor	6	Pliers, Slip Joint, 6"	6	Nail Set, Self-centering
<b>Crescent</b>		12	Saw, Dovetail, 10", 14 tpi	2	Rule, Tape, 1" x 25"
2	Pliers, Diagonal Cut, 6"	<b>Johnson</b>		1	Saw, Clamping Miter
6	Pliers, Long Nose, Chain, 6"	3	Bevel, Sliding T, 10"	6	Saw, Coping, 6-3/4"
1	Wrench, Adjustable, 12"	1	Level, Alum, 24"	3	Saw, Hacksaw, 12"
3	Wrench, Adjustable, 6"	1	Level, Torpedo, Alum., 9"	1	Saw, Handsaw, 20", 9 tpi
<b>CS Osborne</b>		<b>Lisle</b>		2	Square, Comb., 12"
2	Mallet, Black Rubber, 13 oz.	1	Tester, Continuity	1	Square, Rafter, Alum., 2" x 24"
1	Mallet, Hick, Srt. Side, 2" x 4"	<b>Lufkin</b>		2	Surform, File, Rnd., 14-1/4"
<b>Dremel</b>		10	Rule, Alum., 36"	2	Surform, Pocket, 5-1/2"
1	Rotary Tool, Vise, D-Vise	<b>Lutz</b>		2	Surform, Shaver, 7-1/4"
2	Rotary Tool, VS	6	File Handle, for 10" file	<b>Stanley Fastening</b>	
<b>Ekland</b>		6	File Handle, for 8" file	8	Glue Gun Sticks, Dual Temp, 24 pc.
1	Wrench, Hex Key, T-Handle, Frac., 6", 8 pc.	<b>Marson</b>		8	Glue Gun, Dual Temp
1	Wrench, Hex Key, T-Handle, Met., 6", 8 pc.	1	Rivet Tool	<b>Vise-Grip</b>	
<b>Elenco</b>		2	Rivets, Alum., 100 pc.	2	Pliers, Locking, Long Nose, Cutter, 9"
1	Multimeter, Digital	1	Punch & Chisel, 14 pc.	2	Pliers, Locking, Srt. Jaw, 10"
<b>Excel</b>		<b>Mayhew</b>		<b>Weller</b>	
12	Knife, Artist's, #1	1	Punch & Chisel, 14 pc.	6	Soldering Iron, 30W
<b>GearWrench</b>		<b>Nicholson</b>		<b>Wiss</b>	
1	Socket, 1/4D, 6-pt., 15 pc.	6	File Card	2	Snips, Srt., 10"
1	Socket, 3/8D, 6-pt., 12 pc.	1	File, 3 Sq. Bastard, 10"		
1	Wrench, Comb., Frac., 14 pc.	1	File, Flat Bastard, 10"		
		1	File, Half Rnd. Bastard, 10"		
		6	File, Half Rnd. Smooth, 8"		
		1	File, Hand Bastard, 10"		
		1	File, Rnd. Bastard, 10"		
		1	File, Sq. Bastard, 10"		



## 48" Woodworking Tool Cabinet

**Diversified Woodcrafts** Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

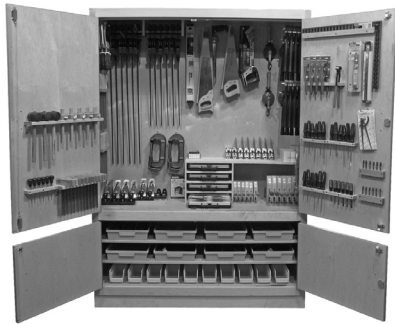
**Shown with Tote Trays (Stk. 558200), sold separately.**

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155356</b>	TC-4810	Cabinet Only	<b>WEB</b>
<b>558776</b>	MWTC4810-T	Tools Only	<b>WEB</b>
<b>558777</b>	MWTC4810-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558200</b>	MWTPPKG-48	14 Tote Trays	<b>WEB</b>

### Complete Set of Tools for MWTC4810-T

<b>Bessey</b>	6	Clamp, C-Clamp, 6"	<b>Olson</b>	20	Blade, Saw, Coping, 6-1/2", 15 tpi, 4/pkg.
6	Clamp, Handscrew, 8"	<b>Porter-Cable</b>	2	Sander, Palm Grip	
<b>CS Osborne</b>	2	Divider, Wing, 8"	1	Saw, Jig, VS Orbital	
3	Mallet, Black Rubber, 13 oz.	<b>Robert Larson</b>	2	Gauge, Marking	
<b>DeWalt</b>	3	Drill, Electric, VSR, 3/8"	<b>Stanley</b>	3	Awl, Scratch
<b>General</b>	2	Countersink, 1/2"	1	Carving Tool, 6 pc.	
1	Gauge, Drill & Tap	1	Chisel, 1"		
12	Rule, Steel, 12"	2 ea.	Chisel: 1/4", 3/8", 1/2", 3/4"		
<b>Irwin</b>	1	Bit, Drill, HSS, 15 pc.	8 ea.	Hammer, Nail, 13 oz.: 13", 13-1/4"	
1	Bit, Spade, 6 pc.	2	Nail Set, 3 pc.		
3	Saw, Handsaw, 24", 12 tpi	2	Plane, Bench		
<b>Johnson</b>	2	Bevel, Sliding T, 10"	4	Plane, Block	
2	Level, Alum., 24"	3	Saw, Back, 14", 12 tpi		
7	Square, Try, 8"	3	Saw, Coping, 6-3/4"		
<b>Lutz</b>	2	File Card	1 ea.	Screwdriver, Phil.: #'s 2, 3, 4	
<b>Nicholson</b>	3	Rasp, Half Rnd. Bastard, 10"	1	Screwdriver, Std., 8"	
6	Rasp, Half Rnd., 10"	3 ea.	Screwdriver, Std.: 4", 6"		
<b>Norton</b>	1	Stone, Oil, 2" x 1" x 8"	1	Square, Rafter, Alum., 2" x 24"	
2	Stone, Slip, Medium Grit	<b>Two Cherries</b>	4	Blade, Scraper, 3 pc.	
		<b>Weiler</b>	6	Duster, Counter, 8"	



### 60" Woodworking Tool Cabinet

**Hann** Heavy-duty built with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood back.

Upper cabinet & doors are lined with dedicated tool holders.

Lower cabinet consists of

2 adjustable shelves made of veneer core plywood. Master-keyed locking doors. Natural finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** 8 tote trays (12-1/4"W x 3"H x 16-3/4"L) & 10 shelf bins (4-1/8"W x 4"H x 11-5/8"L).

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>439420</b>	TS-10	Cabinet Only	<b>WEB</b>
<b>558575</b>	MWTS10-T-02	Tools Only	<b>WEB</b>
<b>558650</b>	MWTS10-CTHN	Cabinet Plus Tools	<b>WEB</b>
<b>543842</b>	MWOPT-I	Power Tools Only	<b>WEB</b>



### 60" Woodworking Tool Cabinet

**Diversified Woodcrafts**

Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558201), sold separately.**

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155670</b>	TC-10	Cabinet Only	<b>WEB</b>
<b>558575</b>	MWTS10-T-02	Tools Only	<b>WEB</b>
<b>558642</b>	MWTS10-CT-02	Cabinet Plus Tools	<b>WEB</b>
<b>543842</b>	MWOPT-I	Power Tools Only	<b>WEB</b>
<b>558201</b>	MWTPKG-60	19 Tote Trays	<b>WEB</b>

### Complete Set of Tools for MWTS10-T-02

<b>Bessey</b>	1	Saw, Handsaw, 24", 12 tpi	<b>Robert Larson</b>	
6	Clamp, C-Clamp, 6"		5	Gauge, Marking
6 ea.	Clamp, Handscrew: 6", 8"		<b>Stanley</b>	
<b>Channellock</b>	3	Level, Alum., 24"	6	Awl, Scratch
1	Pliers, Cutting Nippers, 10"		1	Carving Tool, 6 pc.
<b>Crescent</b>	12	Square, Try, 8"	4	Chisel, 6 pc.
4	Pliers, Slip Joint, 8"		8	Hammer, Nail, Crv. Claw, 16 oz, 13-1/4"
3	Screwdriver, Comb., 6 pc.		8	Hammer, Nail, Rip Claw, 16 oz, 13-1/4"
<b>CS Osborne</b>	6	File Card	3	Nail Set, 3 pc.
2	Divider, Wing, 8"		2	Plane, Bench
3	Mallet, Black Rubber, 13 oz.		2	Plane, Block
<b>General</b>	2	Saw, Comp/Key., 12", 8 tpi	4	Plane, Jack
1	Gauge, Drill & Tap		8	Rule, Tape, 1"x 25'
12	Rule, Steel, 12"		4	Saw, Back, 14", 12 tpi
<b>Irwin</b>	20	Blade, Saw, Coping, 6-1/2", 20 tpi, 4/pkg.	6	Saw, Coping, 6-3/4"
2	Bit, Drill, HSS, 15 pc.			
2	Bit, Spade, 6 pc.			
4	Pliers, Slip Joint, 8"			
4	Saw, Handsaw, 20", 8 tpi			
	<b>Quick-Grip</b>			
	10 ea.	Clamp, Spring: 2", 3"		
	6 ea.	Clamp/Spreader, Bar: 24", 36"		

### Complete Set of Tools for MWTS10-T-02

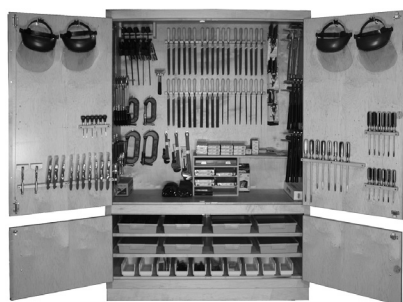
<b>Bessey</b>	1	Saw, Handsaw, 24", 12 tpi	<b>Robert Larson</b>	5	Gauge, Marking
6	Clamp, C-Clamp, 6"				
6 ea.	Clamp, Handscrew: 6", 8"		<b>Stanley</b>	6	Awl, Scratch
<b>Channellock</b>	1	Pliers, Cutting Nippers, 10"	1	Carving Tool, 6 pc.	
<b>Crescent</b>	12	Square, Try, 8"	4	Chisel, 6 pc.	
4	Pliers, Slip Joint, 8"		8	Hammer, Nail, Crv. Claw, 16 oz., 13-1/4"	
3	Screwdriver, Comb., 6 pc.		8	Hammer, Nail, Rip Claw, 16 oz., 13-1/4"	
<b>CS Osborne</b>	6	File Card	3	Nail Set, 3 pc.	
2	Divider, Wing, 8"	12	File Handle, for 10" file	2	Plane, Bench
3	Mallet, Black Rubber, 13 oz.	<b>Nicholson</b>		2	Plane, Block
		6	Rasp, Half Rnd. Bastard, 10"	4	Plane, Jack
<b>General</b>		6	Rasp, Half Rnd., 10"	8	Rule, Tape, 1"x 25'
1	Gauge, Drill & Tap	2	Saw, Comp/Key., 12", 8 tpi	4	Saw, Back, 14", 12 tpi
12	Rule, Steel, 12"	<b>Olson</b>		6	Saw, Coping, 6-3/4"
<b>Irwin</b>		20	Blade, Saw, Coping, 6-1/2", 20 tpi, 4/pkg.		
2	Bit, Drill, HSS, 15 pc.	<b>Quick-Grip</b>			
2	Bit, Spade, 6 pc.	10 ea.	Clamp, Spring: 2", 3"		
4	Pliers, Slip Joint, 8"	6 ea.	Clamp/Spreader, Bar: 24", 36"		
4	Saw, Handsaw, 20". 8 tpi				

### Complete Set of Tools for MWOPT-I

<b>Bosch</b>	<b>DeWalt</b>
1 Router, 2 HP	2 Drill, Electric, VSR, 3/8"
1 Blade, Jig Saw, Bi-Metal, 5 pc.	<b>Porter-Cable</b>
<b>Freud</b>	2 Sander, Palm Grip
1 Bit, Router, HSS, 9 pc.	1 Saw, Jig, VS Orbital
<b>Metabo</b>	
1 Sander, Belt, 3" x 21"	

### Complete Set of Tools for MWOPT-I

<b>Bosch</b>	<b>DeWalt</b>
1 Router, 2 HP	2 Drill, Electric, VSR, 3/8"
1 Blade, Jig Saw, Bi-Metal, 5 pc.	<b>Porter-Cable</b>
<b>Freud</b>	2 Sander, Palm Grip
1 Bit, Router, HSS, 9 pc.	1 Saw, Jig, VS Orbital
<b>Metabo</b>	
1 Sander, Belt, 3" x 21"	



### 60" Metalworking Tool Cabinet

**Hann** Heavy-duty built with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood back. Upper cabinet and doors are lined with dedicated tool holders. Lower cabinet consists of 2 adjustable shelves made of

veneer core plywood. Master-keyed locking doors. Natural finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** 6 tote trays (12-1/4"W x 3"H x 16-3/4"L) & 8 shelf bins (4-1/8"W x 4"H x 11-5/8"L).

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>439421</b>	TS-11	Cabinet Only	<b>WEB</b>
<b>558774</b>	MWTS11-T-02	Tools Only	<b>WEB</b>
<b>558651</b>	MWTS11-CTHN	Cabinet Plus Tools	<b>WEB</b>

#### Complete Set of Tools for MWTS11-T-02

<b>American Beauty</b>	6	Snips, Aviation, L, 10"	<b>Production Tool</b>	6	Snips, Aviation, R, 10"	
1 Soldering Iron, 100W	6	Snips, Aviation, R, 10"	2 ea. Drill & Countersink: 1/8", 3/16", 1/4", 5/16", 7/16", 1/2"	6	Snips, Aviation, Srt., 10"	
<b>Bessey</b>	6	Snips, Aviation, Srt., 10"	<b>Quick-Grip</b>	5	Clamp/Spreader, Bar, 12"	
6 ea. Clamp, C-Clamp: 4", 6"	<b>Lenox</b>	20 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi	<b>Ridgid</b>	1 ea. Wrench, Pipe: 10", 14", 18"		
<b>Bosch</b>	1	Tap & Die, 40 pc.	<b>Roper Whitney</b>	2	Seamer, Hand	
1 Tap & Die, 40 pc.	<b>Lufkin</b>	2 Rule, Circumference, 36"	<b>Sellstrom</b>	4	Face shield, Clear Window, Ratchet Headgear	
<b>Chicago Brand</b>	6	Rule, Steel, 24"	<b>Shop Fox</b>	1	Vise, Angle	
3 ea. Caliper, Dial: 6", 8"	3	Rule, Steel, 36"	<b>Stanley</b>	6	Awl, Scratch	
6 Gauge, Center	<b>Lutz</b>	6 File Cleaner	6	Hammer, Ball Pein, 12 oz. x 13", 16 oz. x 14"		
4 Micrometer, Outside	36	File Handle, for 10" file	2	Screwdriver, Std., 12"		
1 Square, Comb., 12"	<b>Mayhew</b>	2 ea. Chisel, Cold: 1/4", 3/8", 1/2", 3/4", 1"	6 ea. Screwdriver: Std.: 4", 6", 8"	<b>Starrett</b>	1	V Blocks & Clamp
<b>Crescent</b>	2 ea. Chisel, Cold: 1/4", 3/8", 1/2", 3/4", 1"	<b>Nicholson</b>	<b>Vise-Grip</b>	2	Locking Tool, Sheet Metal, 8"	
4 Wrench, Adjustable, 8"	4	File, Flat Bastard, 10"	<b>Weiler</b>	12	Brush, Bench, 8"	
2 ea. Wrench, Adjustable: 10", 12"	4	File, Flat Smooth, 10"				
<b>CS Osborne</b>	4	File, Half Rnd. Bastard, 10"				
1 ea. Rivet Set: #s 00, 0, 1, 2, 3, 4, 5, 6	4	File, Half Rnd. Smooth, 10"				
<b>General</b>	4	File, Mill Bastard, 10"				
1 Gauge, Drill	4	File, Mill Second Cut, 10"				
1 Gauge, Sheet Metal	4	File, Mill Smooth, 10"				
12 ea. Rule, Steel: 6", 12"	4	File, Rnd. Bastard, 10"				
<b>Great Neck</b>	4	File, Rnd. Smooth, 10"				
4 Hammer, Cross Pein., 3 lbs.	4	Saw, Hacksaw, 10", 18 tpi				
<b>Irwin</b>						
2 Bit, Drill, HSS, 29 pc.						
4 Pliers, Slip Joint, 6"						
3 Pliers, Slip Joint, 8"						
4 Pliers, Slip-Joint, Thin Nose, 6"						



### 60" Metalworking Cabinet

#### Diversified Woodcrafts

Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558201), sold separately.**

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155737</b>	TC-11	Cabinet Only	<b>WEB</b>
<b>558774</b>	MWTS11-T-02	Tools Only	<b>WEB</b>
<b>558843</b>	MWTS11-CT-02	Cabinet Plus Tools	<b>WEB</b>
<b>558201</b>	MWTPKG-60	19 Tote Trays	<b>WEB</b>

#### Complete Set of Tools for MWTS11-T-02

<b>American Beauty</b>	6	Snips, Aviation, R, 10"	3/16", 1/4", 5/16", 7/16", 1/2"
1 Soldering Iron, 100W	6	Snips, Aviation, Srt., 10"	
<b>Bessey</b>	<b>Lenox</b>		<b>Quick-Grip</b>
6 ea. Clamp, C-Clamp: 4", 6"	20 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi		5 Clamp/Spreader, Bar, 12"
<b>Bosch</b>	<b>Lufkin</b>		<b>Ridgid</b>
1 Tap & Die, 40 pc.	2 Rule, Circumference, 36"		1 ea. Wrench, Pipe: 10", 14", 18"
<b>Chicago Brand</b>	6 Rule, Steel, 24"		<b>Roper Whitney</b>
3 ea. Caliper, Dial: 6", 8"	3 Rule, Steel, 36"		2 Seamer, Hand
6 Gauge, Center	<b>Lutz</b>		<b>Sellstrom</b>
4 Micrometer, Outside	6 File Cleaner		4 Face shield, Clear Window, Ratchet Headgear
1 Square, Comb., 12"	36 File Handle, for 10" file		<b>Shop Fox</b>
<b>Crescent</b>	<b>Mayhew</b>		1 Vise, Angle
4 Wrench, Adjustable, 8"	2 ea. Chisel, Cold: 1/4", 3/8", 1/2", 3/4", 1"		<b>Stanley</b>
2 ea. Wrench, Adjustable: 10", 12"	3 ea. Punch, Ctr.: 1/4", 3/8", 1/2"		6 Awl, Scratch
<b>CS Osborne</b>	<b>Nicholson</b>		6 Hammer, Ball Pein, 12 oz. x 13", 16 oz. x 14"
1 ea. Rivet Set: #'s 00, 0, 1, 2, 3, 4, 5, 6	4 File, Flat Bastard, 10"		2 Screwdriver, Std., 12"
<b>General</b>	4 File, Flat Smooth, 10"		6 ea. Screwdriver, Std.: 4", 6", 8"
1 Gauge, Drill	4 File, Half Rnd. Bastard, 10"		<b>Starrett</b>
1 Gauge, Sheet Metal	4 File, Half Rnd. Smooth, 10"		1 V Blocks & Clamp
12 ea. Rule, Steel: 6", 12"	4 File, Mill Bastard, 10"		<b>Vise-Grip</b>
<b>Great Neck</b>	4 File, Mill Second Cut, 10"		2 Locking Tool, Sheet Metal, 8"
4 Hammer, Cross Pein., 3 lbs.	4 File, Mill Smooth, 10"		2 Pliers, Locking, 7 pc.
<b>Irwin</b>	4 File, Rnd. Bastard, 10"		<b>Weiler</b>
2 Bit, Drill, HSS, 29 pc.	4 File, Rnd. Smooth, 10"		12 Brush, Bench, 8"
4 Pliers, Slip Joint, 6"	6 Saw, Hacksaw, 10", 18 tpi		
3 Pliers, Slip Joint, 8"	<b>Production Tool</b>		
4 Pliers, Slip-Joint, Thin Nose, 6"	2 ea. Drill & Countersink: 1/8".		
6 Snips, Aviation, L, 10"			





## 48" General Shop Tool Cabinet

**Diversified Woodcrafts** Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

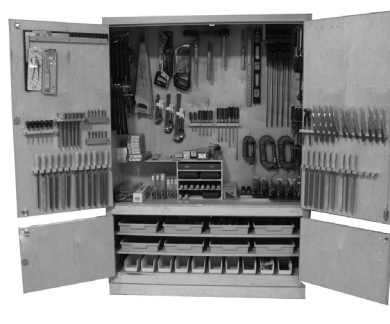
**Shown with Tote Trays (Stk. 558200), sold separately.**

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155355</b>	TC-4812	Cabinet Only	<b>WEB</b>
<b>558778</b>	MWTC4812-T	Tools Only	<b>WEB</b>
<b>558779</b>	MWTC4812-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558200</b>	MWTPKG-48	14 Tote Trays	<b>WEB</b>

### Complete Set of Tools for MWTC4812-T

<b>American Beauty</b>	3	Saw, Handsaw, 24", 12 tpi	<b>Olson</b>	20	Blade, Saw, Coping, 6-1/2", 15 tpi, 4/pkg
1 Soldering Iron, 100W	1	Snips, Circular, 10"	<b>Performance Tool</b>	2	Oiler, Bench
<b>Bessey</b>	2	Snips, Circular, 7"	<b>Porter-Cable</b>	2	Sander, Palm Grip
4 ea. Clamp, C-Clamp, 4", 6"	1	Snips, Srt., 10"	1 Sander, VS Orbital		
3 ea. Clamp, Handscrew, 6", 8"	<b>Johnson</b>		<b>Ridgid</b>	1	Vise, Pipe
<b>Bosch</b>	1	Bevel, Sliding T, 10"	1 ea. Wrench, Pipe: 10", 14"		
2 Sander, 1/2 Sheet	1	Level, Alum., 24"	<b>Robert Larson</b>	2	Gauge, Marking
1 Tap & Die, 40 pc.	5	Square, Try, 8"	<b>Roper Whitney</b>	1	Seamer, Hand
<b>Channellock</b>	<b>Lenox</b>		<b>Shop Fox</b>	1	Vise, Angle
1 Pliers, Cutting Nippers, 10"	10 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi		<b>Stanley</b>	3	Awl, Scratch
<b>Chicago Brand</b>	<b>Lufkin</b>		1 Carving Tool, 6 pc.		
1 ea. Caliper, Dial: 6", 8"	6 Rule, Steel, 24"		2 ea. Chisel: 1/4", 3/8", 1/2", 3/4", 1"		
3 Gauge, Center	<b>Lutz</b>		4 Hammer, Ball Pein, 12 oz, 13"		
2 Micrometer, Outside	10 File Card		4 Hammer, Nail, 13 oz, 13"		
1 Square, Comb., 12"	27 File Handle, for 10" file		2 ea. Nail Set: 1/32", 2/32", 3/32"		
<b>Crescent</b>	<b>Mayhew</b>		1 Plane, Bench		
1 ea. Wrench, Adjustable: 8", 10", 12"	1 ea. Chisel, Cold: 3/8", 1/2", 3/4", 7/8", 1"		2 Plane, Block		
<b>CS Osborne</b>	2 ea. Punch, Ctr: 3/8", 1/2"		1 Plane, Jack		
1 Divider, Wing, 6"	<b>Nicholson</b>		1 Saw, Back, 14", 12 tpi		
2 Mallet, Rubber, 13 oz.	1 File, 3 Sq. Bastard, 10"		2 Saw, Coping, 6-3/4"		
1 ea. Rivet Set: #s 3, 4, 5, 6	1 File, Flat Bastard, 10"		1 ea. Screwdriver, Phil: #s 2, 3, 4		
<b>Desmond-Stephan</b>	1 File, Flat Smooth, 10"		1 Screwdriver, Std., 12"		
1 Wheel Dresser	1 File, Half Rnd. Bastard, 10"		2 ea. Screwdriver, Std.: 4", 6", 8"		
<b>DeWalt</b>	1 File, Half Rnd. Smooth, 10"		1 Square, Rafter, Alum., 2" x 24"		
3 Drill, Electric, VSR, 3/8"	1 File, Mill Bastard, 10"		<b>Starrett</b>	1	V Blocks & Clamp
<b>General</b>	1 File, Mill Second Cut, 10"				
1 Countersink, 1/2"	1 File, Rnd. Bastard, 10"				
1 Gauge, Drill	1 File, Rnd. Second Cut, 10"				
6 Rule, Steel, 6"	1 File, Rnd. Smooth, 10"				
<b>Great Neck</b>	1 Rasp, Half Rnd. Bastard, 10"				
1 Hammer, Cross Pein, 3 lbs.	2 Saw, Comp/Key, 12", 8 tpi				
1 Bit, Spade, 6 pc.	2 Saw, Hacksaw, 10", 18 tpi				
2 Pliers, Slip Joint, 6"	<b>Norton</b>				
2 Pliers, Thin Nose, 6"	1 Stone, Oil, India, 2" x 1" x 6"				
	2 Stone, Slip, Fine Grit				



## 60" General Shop Tool Cabinet

**Hann** Heavy-duty built with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood back.

Upper cabinet and doors are lined with dedicated tool holders.

Lower cabinet consists of

2 adjustable shelves made of veneer core plywood. Master-keyed locking doors. Natural finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** 8 tote trays (12-1/4"W x 3"H x 16-3/4"L ea.) & 10 shelf bins (4-1/8"W x 4"H x 11-5/8"L ea.).

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>439422</b>	TS-12	Cabinet Only	<b>WEB</b>
<b>558708</b>	MWTS12-T	Tools Only	<b>WEB</b>
<b>558652</b>	MWTS12-CTHN	Cabinet Plus Tools	<b>WEB</b>

### Complete Set of Tools for MWTS12-T

<b>American Beauty</b>	6	Square, Try, 8"	<b>Production Tool</b>	1	Drill & Countersink: 1/8", 3/16", 1/4", 5/16", 7/16", 1/2"
1 Soldering Iron, 100W	<b>Kunz</b>	1 Scraper, Cabinet	<b>Quick-Grip</b>	5	Clamp, Bar, 24"
<b>Bessey</b>	<b>Lenox</b>		<b>Ridgid</b>	1	Wrench, Pipe: 10", 14", 18"
4 Clamp, C-Clamp, 4"	10 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi		<b>Robert Larson</b>	2	Gauge, Marking
6 Clamp, C-Clamp, 6"	<b>Lufkin</b>		<b>Roper Whitney</b>	1	Seamer, Hand
3 ea. Clamp, Handscrew: 6", 8"	1 Rule, Circumference		<b>Shop Fox</b>	1	Vise, Angle
<b>Bosch</b>	12 Rule, Steel, 12"		<b>Stanley</b>	6	Awl, Scratch
1 Tap & Die, 40 pc.	3 Rule, Steel, 24"		1 Carving Tool, 6 pc.		
<b>Channellock</b>	1 Rule, Steel, 36"		2 ea. Chisel: 1/4", 3/8", 1/2", 3/4", 1"		
1 Pliers, Cutting Nippers, 10"	<b>Lutz</b>		3 ea. Hammer, Ball Pein: 12 oz x 13", 16 oz x 14"		
<b>Chicago Brand</b>	10 File Card		4 ea. Hammer, Nail: 13 oz x 13", 16 x 13-1/4"		
2 ea. Caliper, Dial: 6", 8"	27 File Handle, for 10" file		3 Nail Set, 3 pc.		
3 Gauge, Center	<b>Marson</b>		2 Plane, Bench		
2 Micrometer, Outside	2 Rivet Tool Kit		2 Plane, Block		
1 Square, Comb., 12"	<b>Mayhew</b>		4 Plane, Jack		
<b>Crescent</b>	1 ea. Chisel, Cold: 3/8", 1/2", 3/4", 7/8", 1"		2 Saw, Back, 14", 12 tpi		
3 Wrench, Adjustable, 8"	<b>Nicholson</b>		6 Saw, Coping, 6-3/4"		
2 Wrench, Adjustable: 10", 12"	1 File, 3 Sq. Bastard, 10"		1 Screwdriver, Phil: #s 0, 3		
<b>CS Osborne</b>	2 File, Flat Bastard, 10"		2 ea. Screwdriver, Phil: #s 1, 2		
1 Divider, Wing, 6"	2 File, Flat Smooth, 10"		1 Screwdriver, Std., 12"		
2 Mallet, Black Rubber, 13 oz.	2 File, Half Rnd. Bastard, 10"		2 ea. Screwdriver, Std.: 4", 6", 8"		
<b>Desmond-Stephan</b>	2 File, Half Rnd. Smooth, 10"		1 Spoke Shave		
1 Wheel Dresser	2 File, Mill Bastard, 10"		2 Square, Rafter, Alum., 2" x 24"		
<b>Eklind</b>	2 File, Mill Second Cut, 10"		1 Square, Steel, 1-1/2" x 12"		
1 Wrench, Hex Key, Frac., 18 pc.	2 File, Rnd. Bastard, 10"		<b>Starrett</b>	1	V Blocks & Clamp
<b>General</b>	2 File, Rnd. Second Cut, 10"		<b>Steelex</b>	1	Bit, Drill, 115 pc.
1 Countersink, 1/2"	2 File, Rnd. Bastard, 10"		<b>Two Cherries</b>	3	Blade, Scraper, 3 pc.
1 Gauge, Drill	2 File, Rnd. Smooth, 10"				
6 Rule, Steel, 6"	2 File, Rnd. Second Cut, 10"				
<b>Great Neck</b>	2 File, Rnd. Smooth, 10"				
1 Hammer, Cross Pein, 3 lbs.	3 Rasp, Flat Bastard, 10"				
<b>Irwin</b>	3 Saw, Comp/Key, 12", 8 tpi				
1 Bit, Spade, 6 pc.	3 Saw, Hacksaw, 10", 18 tpi				
4 Pliers, Slip Joint: 6"	<b>Norton</b>				
4 Pliers, Slip Joint: 8"	1 Stone, Oil, India, 2" x 1" x 6"				
2 Pliers, Slip-Joint, Thin Nose, 6"	2 Stone, Slip, Medium Grit				
4 Saw, Handsaw, 24", 12 tpi	<b>Olson</b>				
3 Snips, Aviation, L, 10"	20 Blade, Saw, Coping, 6-1/2", 20 tpi, 4/pkg				
3 Snips, Aviation, R, 10"	<b>Performance Tool</b>				
<b>Johnson</b>	3 Oiler, Bench				
2 Bevel, Sliding T, 10"					
1 Level, Alum., 24"					



### 60" General Shop Tool Cabinet

#### Diversified Woodcrafts

Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155804</b>	TC-12	Cabinet Only	<b>WEB</b>
<b>558708</b>	MWTS12-T	Tools Only	<b>WEB</b>
<b>558909</b>	MWTS12-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558201</b>	MWTPKG-60	19 Tote Trays	<b>WEB</b>

#### Complete Set of Tools for MWTS12-T

<b>American Beauty</b> 1 Soldering Iron, 100W	<b>Kunz</b> 1 Scraper, Cabinet	<b>Production Tool</b> 1 ea. Drill & Countersink: 1/8", 3/16", 1/4", 5/16", 7/16", 1/2"
<b>Bessey</b> 4 Clamp, C-Clamp, 4" 6 Clamp, C-Clamp, 6" 3 ea. Clamp, Handscrew: 6", 8"	<b>Lenox</b> 10 ea. Blade, Hacksaw: 10" x 18 tpi, 10" x 24 tpi	<b>Quick-Grip</b> 5 Clamp, Bar, 24"
<b>Bosch</b> 1 Tap & Die, 40 pc. <b>Channellock</b> 1 Pliers, Cutting Nippers, 10"	<b>Lufkin</b> 1 Rule, Circumference 12 Rule, Steel, 12" 3 Rule, Steel, 24" 1 Rule, Steel, 36"	<b>Ridgid</b> 1 ea. Wrench, Pipe: 10", 14", 18" <b>Robert Larson</b> 2 Gauge, Marking <b>Roper Whitney</b> 1 Seamer, Hand <b>Shop Fox</b> 1 Vise, Angle <b>Stanley</b> 6 Awl, Scratch 1 Carving Tool, 6 pc. 2 ea. Chisel: 1/4", 3/8", 1/2", 3/4", 1" 3 ea. Hammer, Ball Pein: 12 oz. x 13", 16 oz. x 14" 4 ea. Hammer, Nail: 13 oz. x 13", 16 x 13-1/4"
<b>Chicago Brand</b> 2 ea. Caliper, Dial: 6", 8" 3 Gauge, Center 2 Micrometer, Outside 1 Square, Comb, 12"	<b>Lutz</b> 10 File Card 27 File Handle, for 10" file <b>Marson</b> 2 Rivet Tool Kit <b>Mayhew</b> 1 ea. Chisel, Cold: 3/8", 1/2", 3/4", 7/8", 1" 1 ea. Punch, Ctr.: 3/8", 1/2"	<b>Starrett</b> 1 V Blocks & Clamp <b>Steelex</b> 1 Bit, Drill, 115 pc. <b>Two Cherries</b> 3 Blade, Scraper, 3 pc.
<b>Crescent</b> 3 Wrench, Adjustable, 8" 2 ea. Wrench, Adjustable: 10", 12" <b>CS Osborne</b> 1 Divider, Wing, 6" 2 Mallet, Black Rubber, 13 oz.	<b>Nicholson</b> 1 File, 3 Sq. Bastard, 10" 2 File, Flat Bastard, 10" 2 File, Flat Smooth, 10" 2 File, Half Rnd. Bastard, 10" 2 File, Half Rnd. Smooth, 10" 2 File, Mill Bastard, 10" 2 File, Mill Second Cut, 10" 2 File, Mill Smooth, 10" 2 File, Rnd. Bastard, 10" 2 File, Rnd. Second Cut, 10" 2 File, Rnd. Smooth, 10" 3 Rasp, Flat Bastard, 10" 3 Rasp, Half Rnd. Bastard, 10" 2 Saw, Comp./Key, 12", 8 tpi 3 Saw, Hacksaw, 10", 18 tpi	<b>Irwin</b> 1 Bit, Spade, 6 pc. 4 Pliers, Slip Joint: 6" 4 Pliers, Slip Joint: 8" 2 Pliers, Slip-Joint, Thin Nose, 6" 4 Saw, Handsaw, 24", 12 tpi 3 Snips, Aviation, L, 10" 3 Snips, Aviation, R, 10" 3 Snips, Aviation, Srt., 10"
<b>Desmond-Stephan</b> 1 Wheel Dresser <b>Eklind</b> 1 Wrench, Hex Key, Frac., 18 pc. <b>General</b> 1 Countersink, 1/2" 1 Gauge, Drill 6 Rule, Steel, 6" <b>Great Neck</b> 2 Hammer, Cross Pein, 3 lbs. <b>Irwin</b> 1 Bit, Spade, 6 pc. 4 Pliers, Slip Joint: 6" 4 Pliers, Slip Joint: 8" 2 Pliers, Slip-Joint, Thin Nose, 6" 4 Saw, Handsaw, 24", 12 tpi 3 Snips, Aviation, L, 10" 3 Snips, Aviation, R, 10" 3 Snips, Aviation, Srt., 10"	<b>Performance Tool</b> 3 Oiler, Bench	<b>Starrett</b> 1 V Blocks & Clamp <b>Steelex</b> 1 Bit, Drill, 115 pc. <b>Two Cherries</b> 3 Blade, Scraper, 3 pc.
<b>Johnson</b> 2 Bevel, Sliding T, 10" 1 Level, Alum., 24"		



### 36" Power Tool Cabinet

#### Diversified Woodcrafts

Constructed of solid hardwood, solid maple and maple veneers. Fixed, adjustable full-width shelves (15-7/8"D). 3-point locking doors. Earth-friendly UV finish. Shipped set up.

Overall size 36"W x 22"D x 84"H.

**Shown with supplies, not included. Cabinet should be secured to the wall for safety. Mounting hardware not included.**

Stk.	Mfr.	Item	Price
<b>155473</b>	GSC-36	Cabinet Only	<b>WEB</b>
<b>558308</b>	MWPTC-2	Cabinet w/Basic Tools	<b>WEB</b>
<b>558307</b>	MWJR31	Cabinet w/Deluxe Tools	<b>WEB</b>

#### Complete Set of Tools for MWPTC-2

<b>Bosch</b> 1 Router, 2 HP 1 Sander, 1/2 Sheet 1 Blade, Jig Saw, Bi-Metal, 5 pc.	1 ea. Blade, Saw, Circular, CT: 7" x 40 tpi, 7-1/4" x 24 tpi, 7-1/4" x 40 tpi <b>Norton</b> 10 ea. Sanding Belt, Openkote, 3" x 24": 60, 80, 100, 120 grit <b>Porter-Cable</b> 1 Router, Laminate Trimmer 2 Sander, Belt, 3" x 21" 1 Sander, Palm Grip 1 ea. Sanding Roll, 4-1/2" x 10 yd.: 80, 100, 180 grit 1 Saw, Jig, VS Orbital
<b>DeWalt</b> 2 Drill, Electric, VSR, 3/8" 1 Saw, Circular, Electric, 7-1/4"	
<b>Freud</b> 1 Bit, Router, 9 pc.	
<b>Irwin</b> 1 Bit, Drill, HSS, 13 pc. 1 Bit, Spade, 6", 6 pc.	

#### Complete Set of Tools for MWJR31

<b>Bosch</b> 3 ea. Bit, Router, HSS: 11/16" Cove, 1/4" & 1/2" Straight, 15/16" Round Over, 1-1/2" V-Grooving 2 ea. Blade, Jig Saw, Carbon, 5/pkg.: 4" x 6 tpi, 4" x 10 tpi, 3" x 14 tpi 1 Blade, Jig Saw, 5 pc. 2 Drill, Cordless, 3/8", 12V 1 Router, 2-1/4 HP 3 Sander, 1/2 Sheet 1 Saw, Jig, VS Orbital	2 Saw, Jig, VS <b>Metabo</b> 2 Drill, Electric, VSR, 3/8" 1 Sander, Belt, 3" x 21" <b>Norton</b> 10 ea. Sanding Belt, 3" x 21": 60, 80, 120 grit 10 ea. Sanding Belt, 3" x 24": 60, 120 grit 10 ea. Sanding Belt, 4" x 24": 60, 80, 120 grit 12 ea. Sanding Sheet, 4-1/2" x 11": 100, 150 grit 18 Sanding Sheet, 4-1/2" x 11": 60 grit <b>Porter-Cable</b> 1 Router, Dovetail Machine, 12" 1 Router, Guide, Edge 1 ea. Router, Guide, Template: 3/8", 1/2", 7/16", 3/4", Lock Nut <b>Vermont American</b> 3 Drill Bit, Countersink 4 pc.
<b>Irwin</b> 3 Bit, Spade, 6", 6 pc. 2 Cutter, Plug, 1/2" 2 Cutter, Plug, 3/8" 2 Cutter, Plug, 5/8"	
<b>Makita</b> 1 ea. Sander, Belt: 3" x 24", 4" x 24"	



### 60" Building Trades Tool Cabinet

#### Diversified Woodcrafts

Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558201), sold separately.**

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155491</b>	TC-26	Cabinet Only	<b>WEB</b>
<b>558317</b>	MWBT26-T	Tools Only	<b>WEB</b>
<b>558315</b>	MWBT26-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558201</b>	MWTPKG-60	19 Tote Trays	<b>WEB</b>

#### Complete Set of Tools for MWBT26-T

<b>Acme</b>	2	Pliers, Slip Joint, 6"	<b>Skil</b>	2	Drill, Electric, VSR, 3/8"
2	Scissors, Straight, Trimmer, 8"		<b>Stanley</b>	2	Chalk Line Reel
<b>Buck Brothers</b>	6	Saw, Handsaw, 20", 8 tpi		8	Hammer, Curve Claw, 16 oz.
2	Chisel, 1/2"	2		2	Hammer, Framing, 22 oz., 16"
<b>Channellock</b>	4	Snips, Aviation, L, 10"		4	Hammer, Rip Claw, 16 oz., 13-1/4"
2	Bevel, Sliding T, 10"			2	Knife, Putty, Stiff
2	Pliers, Lineman's, Rnd. Nose, 7"			2	Knife, Utility, Retractable
2	Pliers, Long Nose, 6"			1	Nail Set, 3 pc.
5	Wire Stripper, 8-1/4"			2	Plane, Block
<b>Crescent</b>	1	Level, Mahogany, 24"		6	Rule, Tape, 1/2" x 12'
1	Tester, Continuity	2		2	Saw, Back, 14", 12 tpi
<b>CS Osborne</b>	<b>Lufkin</b>	8		2	Saw, Compass, 12", 8 tpi
2	Rule, Alum., 36"	2		2	Saw, Coping, 4-3/4"
2	Chisel, Brick	4		4	Saw, Hacksaw, Mini, 10", 24 tpi
2	Hammer, Brick	8		2	Square, Comb., 12"
<b>Gardner Bender</b>	<b>Marshalltown</b>	9		2	Square, Rafter, Alum., 2" x 24"
3	Chisel, Cold, 1/2"	2		2	Surform, Pocket, 5-1/2"
<b>General</b>	<b>Nicholson</b>	2		<b>Woods</b>	
2	File, 8"	2		2	Extension Cord, 14/3, 25'
5 ea.	Cutter, Pipe				
5 ea.	Cutter, Tubing				
5 ea.	Wrench, Pipe, 10"				
<b>Irwin</b>					
1	Cutter, Bolt, 5/16"				
1	Bit, Drill, HSS, 13 pc				
2	Bit, Spade, 6 pc.				
	Chalk Refill, Blue, 8 oz.				



### 60" Electricity Tool Cabinet

#### Diversified Woodcrafts

Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 84"H x 22"D.

**Includes** assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558201), sold separately.**

**Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155485</b>	TC-13	Cabinet Only	<b>WEB</b>
<b>559109</b>	MWTC13-T	Tools Only	<b>WEB</b>
<b>558910</b>	MWTC13-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558201</b>	MWTPKG-60	19 Tote Trays	<b>WEB</b>

#### Complete Set of Tools for MWTC13-T

<b>Bessey</b>	2	Nut Driver, 7 pc.	<b>Norton</b>	4	Sanding Block
6 ea.	Clamp, C-Clamp, 2", 3", 4"			1	Stone, Oil, India, 2" x 1" x 6"
<b>Bosch</b>	2	Screwdriver, Offset, Comb., #2	<b>Robert Larson</b>		
1	Tap & Die, 40 pc.		1	Gauge, Marking	
<b>Buck Brothers</b>			<b>Stanley</b>		
1	Chisel, 1/4", 1/2", 3/4", 1"				
<b>Channellock</b>					
1	Cutter, Cable, 9-1/2"				
8	Pliers, Lineman's, Rnd. Nose, 7"				
8	Pliers, Long Nose, 6"				
1	Pliers, Tongue & Groove, 10"				
3	Wiring Tool, 8-1/4"				
<b>Crescent</b>					
8	Pliers, Diagonal Cut, 6"				
4	Wrench, Adjustable, 4"				
2 ea.	Wrench, Adjustable: 6", 8"				
<b>CS Osborne</b>					
1	Divider, Wing, 6"				
2	Hammer, Uphol., 7-1/2 oz.				
1	Mallet, Black Rubber, 30 oz.				
1	Mallet, Hick, Barrel, 2-1/2" x 5-1/2"				
<b>Dremel</b>					
4	Multi-Vise				
<b>Eklind</b>					
1	Wrench, Hex Key, Frac., 18 pc.				
3	Wrench, Hex Key, T-Handle, Frac., 6", 8 pc.				
<b>Gardner Bender</b>					
1	Cable Ripper				
6	Knife, Pocket, 3-3/4"				
3	Multimeter				
2	Terminal Kit				
<b>GearWrench</b>					
1	Wrench, Comb., Frac., 14 pc.				
<b>General</b>					
2	Countersink, 1/2"				
1	Drill Stop, 6 pc.				
<b>Great Neck</b>					
2	Nut Driver, 7 pc.				
<b>Irwin</b>					
1	Bit, Drill, HSS, 15 pc.				
2	Bit, Spade, 6 pc.				
<b>Jet</b>					
1	Cutter, Bolt, 5/16"				
<b>Johnson</b>					
1	Bevel, Sliding T, 10"				
2	Square, Try, 8"				
<b>Lisle</b>					
3	Tester, Continuity				
<b>Lufkin</b>					
6	Rule, Steel, 12"				
<b>Lutz</b>					
2	File Card				
<b>Mayhew</b>					
1 ea.	Chisel, Cold: 3/8", 1/2", 5/8"				
2	Punch, Ctr., 3/8"				
2	Punch, Ctr., 5/32"				
2 ea.	Punch, Pin: 1/8", 3/16"				
<b>Milwaukee</b>					
1	Drill, Cordless 18V				
<b>Nicholson</b>					
8	File Handle, for 10" file				
2	File, 5-1/2", 6 pc.				
2	File, Mill Bastard, 10"				
2	File, Mill Second Cut, 10"				
2	File, Mill Smooth, 10"				
2	Rasp, Half Rnd., 10"				
1	Saw, Comp/Key., 12", 8 tpi				
2	Saw, Hacksaw, 10", 18 tpi				



## 60" Small Engine Tool Cabinet

### Diversified Woodcrafts

Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155488</b>	TC-16	Cabinet Only	<b>WEB</b>
<b>559115</b>	MWTS16-T	Tools Only	<b>WEB</b>
<b>559114</b>	MWTS16-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558201</b>	MWTPKG-60	19 Tote Trays	<b>WEB</b>

### Complete Set of Tools for MWTS16-T

<b>Briggs &amp; Stratton</b>	1	Socket, Std., 1/4"D, 12-pt, 51 pc.	<b>Performance Tool</b>			
1	Expander, Piston Ring, 1-1/4"-2-1/4"	1	Hone, Cylinder, 1" - 2-3/4"			
1	Small Engine Tool Kit	2	Oiler, Bench			
1	Valve, Compressor	<b>Pratt-Read</b>	1 ea. Screwdriver, Torx: T#s 15 x 3", 20 x 3", 25 x 3", 30 x 4"			
<b>Channellock</b>						
1	Pliers, Tongue & Groove, 10"	1	<b>Proto</b>			
1	Pliers, Tongue & Groove, 6-1/2"	1	Hammer, Brass, 1.5 lbs.			
		1	Puller, 7"			
<b>Chicago Brand</b>						
1	Gauge, Telescope, 6 pc.	<b>Rigid</b>	1	Cutter, Tubing		
<b>Crescent</b>			1	Flaring Tool		
1 ea. Pliers, Diagonal: 6", 7", 4" Oval Head		<b>Greene</b>	1	Wrench, Pipe, 10"		
1 ea. Pliers, Long Nose, Chain: 6", 7"		2	Pliers, Slip Joint, 6"	1	Wrench, Strap	
1	Pliers, Long Nose, Thin, 5"	1	Pliers, Slip-Joint, Thin Nose, 6"	<b>Stanley</b>	1	Hammer, Ball Pein, 13", 12 oz.
1	Pliers, Needle Nose, Crv., 6"	<b>Lisle</b>	1	Compressor, Piston Ring, 1-1/2"-3"	1	Hammer, Soft Face, 8 oz., 12"
1	Pliers, Needle Nose, Thin, 6-1/2"	1	Spark Plug, Gapper	2	Knife, Putty, Stiff	
		1	Spark Plug, Tap	2 ea.	Screwdriver, Phil.: #s 0, 1, 2, 3, 4, 2 Stb.	
<b>CS Osborne</b>				2 ea.	Screwdriver, Std.: 3", 4", 6", 8", 10", 12", 1-3/4" Stb.	
2	ea. Wrench, Adjustable: 6", 10"	<b>Mayhew</b>		<b>Stewart-Warner</b>	1	Tachometer
<b>CS Osborne</b>		1 ea.	Chisel, Cold: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1"			
1	Mallet, Black Rubber, 13 oz.	3 ea.	Punch, Ctr.: 1/4", 3/8", 1/2"	<b>Vise-Grip</b>		
<b>Eklind</b>		2 ea.	Punch, Pin: 1/16", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"	1 ea.	Pliers, Long Nose, Locking: 4", 6", 9"	
		1 ea.	Punch, Solid: 1/8", 3/16", 1/4", 5/16", 3/8"	<b>Weller</b>		
<b>GearWrench</b>				1	Brush, Parts Cleaning	
1	Pliers, Retaining Ring, 12 pc.	<b>OEM</b>		1	Brush, Wire	
1	Socket, Adapter, 10 pc.			<b>Weller</b>		
1	Socket, Hex Bit, 10 pc.	1	Puller, Pulley		Soldering Gun	
1	Socket, Met., 3/8"D, 12-pt., 57 pc.	<b>OTC</b>				
		1	Puller, Gear			



## 60" Welding Tool Cabinet

### Diversified Woodcrafts

Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower doors include locks. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

**Shown with Tote Trays (Stk. 558201), sold separately. Tools shown in cabinet may vary.**

Stk.	Mfr.	Item	Price
<b>155487</b>	TC-15	Cabinet Only	<b>WEB</b>
<b>559112</b>	MWTC15-T	Tools Only	<b>WEB</b>
<b>559178</b>	MWTC15-CT	Cabinet Plus Tools	<b>WEB</b>
<b>558201</b>	MWTPKG-60	19 Tote Trays	<b>WEB</b>

### Complete Set of Tools for MWTC15-T

<b>American Beauty</b>	2	Soldering Iron, 200W	1	ea. Punch, Pin: 1/16", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"	
<b>Anchor</b>	2	Tip Cleaner	1	ea. Punch, Solid: 1/8", 1/4", 3/8"	
<b>Bessey</b>	2	ea. Clamp, C-Clamp: 8", 10"	<b>Miller</b>	1	Welder, AC Arc, 225V
<b>Crescent</b>	1	ea. Wrench, Adjustable: 10", 12"	<b>Morse</b>	10	Blade, Hacksaw, Bi-Metal, 10", 32 tpi
<b>Eklind</b>	1	Wrench, Hex Key, Frac., 9 pc.	<b>Nicholson</b>	1	ea. File, Flat Bastard: 8", 10"
<b>Firepower</b>	1	Soapstone Holder	1	ea. File, Half Rnd. Bastard: 8", 10"	
2	Welding Soapstone, 5 pc.	1	ea. File, Hand Bastard: 8", 10"		
<b>Forney</b>	2	Brazing Flux, 1/2 lb.	2	Saw, Hacksaw, 10", 18 tpi	
3	Hammer, Chipping w/brush, 1.3 lbs., 12"	<b>Sellstrom</b>	6	Welding Hand Shield, Shade 10	
3	Hammer, Chipping, 9 lbs., 10-1/2"	6	Welding Helmet, Lift front, 2"x 4-1/4"		
1	Welder, Oxy-Acetylene	6	Welding Lens, Shade 10, 2" x 4-1/4"		
<b>General</b>	24	Welding Plate Goggles, Shade 5, 2" x 4-1/4"	<b>Shurlite</b>	2	Flint Lighter
12	Rule, Steel, 12"	4	Flint Renewal 5/pkg.		
12	Scriber, Pocket, Steel	<b>Stanley</b>	1	Hammer, Ball Pein, 32 oz., 16"	
<b>Irwin</b>	2	ea. Hammer, Ball Pein: 12 oz. x 13", 16 oz. x 14", 24 oz. x 15"	2	ea. Hammer, Ball Pein: 12 oz. x 13", 16 oz. x 14", 24 oz. x 15"	
1	ea. Screw, Extractor: 3/32"-5/32", 5/32"-7/32", 3/8"-5/8", 5/8"-7/8"	2	ea. Screwdriver, Phil.: #s 1, 2		
2	ea. Screw, Extractor: 7/32"-9/32", 9/32"-3/8"	2	ea. Screwdriver, Std.: 3", 4", 6", 8", 10", 12"		
<b>Johnson</b>	2	Bevel, Sliding T, 10"	<b>Starrett</b>	1	V Blocks & Clamp
2	Square, Try, 8"	<b>Steiner</b>	1	Apron, Bib, 24" x 36"	
<b>Lutz</b>	2	File Card	2	Apron, Bib, 24" x 42"	
3	File Handle, for 10" file	2	Apron, Split Leg, 24" x 42"		
3	File Handle, for 12" file	<b>Vise-Grip</b>	3	Clamp, C-Clamp, Locking, Swivel Pad, 11"	
<b>Mayhew</b>	2	ea. Chisel, Cold: 1/4", 3/8", 1/2", 3/4", 7/8", 1"	3	Pliers, Locking, Srt. Jaw, 10"	
4	ea. Punch, Ctr.: 1/4", 3/8", 1/2"				





405500



405510

### School Tote Trays

**Shirley K's** Sturdy, high-impact plastic trays are unbreakable in normal use. Lightweight trays are easy-to-

handle and soil resistant. High gloss finish cleans easily with mild soap. Front card holder. Tan.

#### 1 Compartment

Stk.	Mfr.	Size	Qty.	Price
405500	T100	9"W x 4-3/8"H x 19"L	1	WEB
405501	T101	13-1/8"W x 3-1/2"H x 16-5/8"L	1	WEB
405502	T102	13-3/4"W x 4-3/8"H x 19"L	1	WEB
405503	T103	11-1/2"W x 4-1/4"H x 18"L	1	WEB
405505	T133	10-1/2"W x 4-3/8"H x 13-1/2"L	1	WEB
405520	T188	14-1/4"W x 3-1/2"H x 19"L	1	WEB

#### 3 Compartments

Stk.	Mfr.	Size	Qty.	Price
405510	PT152	5-1/2"W x 2-1/2"H x 10-1/2"L	1	WEB

### 14-Piece Tote Tray Set

**Shirley K's** 3 each 19"L x 9"W x 4-3/8"H (1-compartment tray). 4 each 19"L x 13-3/4"W x 4-3/8"H (1-compartment tray). 7 each 10-1/2"L x 5-1/2"W x 2-1/2"H (3-compartment tray).

**Includes** 3 ea. T100, 4 ea. T102, 7 ea. T152.

Stk.	Mfr.	Item	Price
558200	MWTPPKG-48	14 Tote Trays	WEB

### 19-Piece Tote Tray Set

**Shirley K's** 3 each 19"L x 9"W x 4-3/8"H (1-compartment tray) 6 each 19"L x 13-3/4"W x 4-3/8"H (1-compartment tray) 10 each 10-1/2"L x 5-1/2"W x 2-1/2"H (3-compartment tray).

**Includes** 3 ea. T100, 6 ea. T102, 10 ea. T152.

Stk.	Mfr.	Item	Price
558201	MWTPPKG-60	19 Tote Trays	WEB

### Tote Tray Rails

**Shirley K's** Aluminum rails designed to attach to tables and desks for tray storage. Pre-drilled mounting holes. Allows storage tray to perform like a removable drawer. Easy to clean and disinfect.

**Shown w/Tote Tray & table, sold separately.**

Stk.	Mfr.	Size	Qty.	Price
405480	R15	15"L	2	WEB



### Tote Tray Support Panel

**Shirley K's** Plastic support panel designed to install into casework or cabinets. Once installed, the placement of multiple trays easily glide into the grooves of the panels. Made of high impact polystyrene with a high gloss finish. Easy to clean and disinfect. Tan colored.

Stk.	Mfr.	Size	Qty.	Price
405490	PI028	21-1/4"D x 27"H	1	WEB

## DRAFTING & DRAWING



### Drafting Supply Cabinet

**Diversified Woodcrafts** Cabinet is constructed of solid maple and maple veneers. 3-point locking doors. Upper shelf provides extra storage. Center area holds T-squares (sold separately) and 8 totes. Lower area stores 18" x 24" drawing boards (sold separately). Earth-friendly UV finish. Shipped set up.

**Includes** 8 totes and T-square brackets.

**Tools shown in cabinet may vary.**

**24 Students** Overall size 48"W x 22"D x 84"H.

Stk.	Mfr.	Item	Price
155134	DTC-24	Cabinet Only	WEB
558250	MWMS-24S	Supplies Only	WEB
558439	MWDCI	Cabinet Plus Supplies	WEB

**36 Students** Overall size 60"W x 22"D x 84"H.

Stk.	Mfr.	Item	Price
155195	DTC-36	Cabinet Only	WEB
558251	MWMS-36S	Supplies Only	WEB
558441	MWDC2	Cabinet Plus Supplies	WEB

### Complete Set of Tools for MS-24S

24 Compass/Divider, Pencil, 6"	24 Pointer, Lead
24 Curve, Irregular, 8"	24 Protractor, Solid, 6"
24 Drawing Board, 18" x 24"	24 Scale, Triangular Architect, 12"
2 Drawing Paper, Gray, Ream, 12" x 18"	24 Tape, Drafting, 3/4"
2 Drawing Paper, White, Ream, 12" x 18"	24 Triangle, 30/60, 10"
36 Eraser, Rub Gum	24 Triangle, 45/90, 8"
24 Erasing Shield, Steel	24 T-Square, Transparent, 24"
12 Pencil, Drawing, 2H, 12/pkg.	
12 Pencil, Drawing, 4H, 12/pkg.	

### Complete Set of Tools for MS-36S

36 Compass/Divider, Pencil, 6"	36 Pointer, Lead
36 Curve, Irregular, 8"	36 Protractor, Solid, 6"
36 Drawing Board, 18" x 24"	36 Scale, Triangular Architect, 12"
3 Drawing Paper, Gray, Ream, 12" x 18"	36 Tape, Drafting, 3/4"
3 Drawing Paper, White, Ream, 12" x 18"	36 Triangle, 30/60, 10"
60 Eraser, Rub Gum	36 Triangle, 45/90, 8"
36 Erasing Shield, Steel	36 T-Square, Transparent, 24"
18 Pencil, Drawing, 2H, 12/pkg.	
18 Pencil, Drawing, 4H, 12/pkg.	



### CAD Drafting & Drawing Table

**Hann** Made from hard maple solids, this sturdy drafting table comes with a pull-out keyboard tray, CPU cabinet, locking drawer, flexible monitor stand, and slots for managing all the connected wires.

Overall size 42"W x 30"D x 39"H.

**Shown w/computer equipment, not included.**

Stk.	Mfr.	Price
439211	CDWD-65	WEB



### Tilt-top Drawing Table

**Hann** Tilt-top drawing table constructed of hard maple framing with mortise and tenon construction to withstand demanding classroom use. 3/4" Fiber-esin top w/adjustable pencil stop, ratchet-type tilting mechanism and dovetailed drawer (19"W x 17"D x 2-3/4"H). Natural finish. Hand built 1 at a time. Shipped set-up.

Stk.	Mfr.	Overall Size	Price
439500	WD-1	36"W x 24"D x 37"H	WEB

#### 4-Station Drawing Table



**Hann** 4-station drawing table has four 30"W x 24"D tilting Fibersin drawing surfaces and a fixed center top. Base is constructed of solid hard maple to withstand demanding classroom use. Aprons are mortised into the legs providing strength and stability. Natural finish.

Overall size 48"W x 18"D x 29"H.

Stk.	Mfr.	Item	Price
<b>439512</b>	WD-4876	Table	<b>WEB</b>
<b>439513</b>	WD-4876-4D	Table w/4 Drawers	<b>WEB</b>

## ARTS & CRAFTS

#### Art Horse



**Hann** Designed for student comfort Upright and grooved seat will accommodate boards up to 24" x 30". Drawing board rest is 12"W x 33"H.

Stk.	Mfr.	Overall Size	Price
<b>439260</b>	B-I	12"W x 29"D x 17"H	<b>WEB</b>

## FAMILY & CONSUMER SCIENCE

#### Sewing Station



**Diversified Woodcrafts** Crafted with solid maple, maple veneers and almond color plastic laminate top, this craft table has a smooth and spacious work surface. Maple is finished with an Earth friendly

UV finish. Locking storage cabinet features a pullout shelf on full extending glides for the sewing machine when not in use.

Size 72"W x 30-1/4"H.

Stk.	Mfr.	Item	Price
<b>155070</b>	SMT7224	1-Student Unit, 24"D	<b>WEB</b>
<b>155071</b>	SMT7242	2-Student Unit, 42"D	<b>WEB</b>

#### Stainless Steel Table



**Diversified Woodcrafts** 18 ga. stainless steel top has 2 sound deadened integrally welded 5" C-channels to reinforce and maintain level working surface. Galvanized legs are 1-5/8" dia. and have adjustable high impact corrosion resistant feet. Under-shelf is adjustable and has two pins per corner providing extra strength and stability. National Safety Foundation Certified.

Stk.	Mfr.	Overall Size	Price
<b>155084</b>	XS3630	36"W x 30"D x 35"H	<b>WEB</b>
<b>155085</b>	XS4830	48"W x 30"D x 35"H	<b>WEB</b>
<b>155086</b>	XS6030	60"W x 30"D x 35"H	<b>WEB</b>
<b>155087</b>	XS7230	72"W x 30"D x 35"H	<b>WEB</b>

#### Bun Pan Rack



**Diversified Woodcrafts** This front load stainless steel bun rack stores 20 each 18" x 26" pans (not included). The 6065-T3 square aluminum tube rack has 5" non-locking swivel casters. NSF approved.

Stk.	Mfr.	Overall Size	Price
<b>155075</b>	250515	20-1/4"W x 26"D x 69"H	<b>WEB</b>



#### Stainless Steel Sink

**Diversified Woodcrafts** 18-gauge T-304 stainless steel prep table with stainless steel legs (1-5/8" dia.) and adjustable under shelf. 16" x 20" x 10"D sink with holes for a deck-mounted faucet. Basket drain included. 1" x 2" tubular channels run left to right under the work surface. 1"

x 2" hat channel reinforces and maintains a level working surface. The back splash is 5"H and all edges are rounded for safety. NSF certification.

**Requires 4" center deck mount faucet (Stk. 155077), sold separately.**

Stk.	Mfr.	Overall Size	Price
<b>155072</b>	250491	60"W x 30"D x 35.75"H	<b>WEB</b>



#### Heavy-Duty Faucet

**Diversified Woodcrafts** 4" deck-mount faucet with swing spout. Polished, triple dipped, chrome-plated mixing faucet with integrated check valve. Heavy-duty, double seat 1/4-turn ceramic cartridges. Hot and cold indicators on the handles. Fits Stainless Steel Sink Stk. 155072. NSF Approved. Lead free compliant.

Stk.	Mfr.	Size	Price
<b>155077</b>	250786	8-1/4"W x 8"D x 7"H	<b>WEB</b>

## TABLES



#### STEM Table with Dry Erase Top

**Diversified Woodcrafts** The dry erase top has a compass, meter stick, yard stick, circular graph and data recording graph (imprint images are nominally correct – the measurements may not be exactly as shown). This hi-pressure laminate

top works as a standard marker board, can be marked up with crayons, grease pencil or dry erase markers.

Overall size 24"D x 54"W x 30"H.

Stk.	Mfr.	Item	Price
<b>155695</b>	P7209K30N	Oak	<b>WEB</b>
<b>155696</b>	P7209M30N	Maple	<b>WEB</b>



#### Dry Erase Tilt Table

**CEF** By giving students the freedom to write, draw or solve problems on a dry erase surface, it cultivates creativity and encourages students to become more confident in their work. The tilt feature of this table is an added bonus for teachers and students, serving as a great way to display student work or to instruct. Standing height for Pre-K-3.

Stk.	Mfr.	Size	Price
<b>131710</b>	TILT-3048-WHM	30"W x 48"L	<b>WEB</b>
<b>131711</b>	TILT-3072-WHM	30"W x 72"L	<b>WEB</b>



### Collaboration Table

**Hann** The base is constructed of solid hard maple to withstand demanding classroom use. The aprons are mortised into the legs providing strength and stability. The base moves on 3" casters. Front casters are total-locking. Includes ganging feature so that 2 tables

can be joined back-to-back to create a larger project work surface. Tables can be easily connected and disconnected without tools.

#### I-1/4" Black HPL Top

Stk.	Mfr.	Overall Size	Price
<b>439385</b>	PCTM-3060P	30"W x 60"L x 36"H	<b>WEB</b>
<b>439387</b>	PCTM-3072P	30"W x 72"L x 36"H	<b>WEB</b>

#### I-3/4" Maple Top

Stk.	Mfr.	Overall Size	Price
<b>439384</b>	PCTM-3060M	30"W x 60"L x 36"H	<b>WEB</b>
<b>439386</b>	PCTM-3072M	30"W x 72"L x 36"H	<b>WEB</b>



### Art Table Series

**Hann** This multi-purpose art table is sturdy and attractive. The base is constructed of hard maple with bolt-reinforced mortise and tenon joints. Maple-grained HPL top with 3mm PVC edgbanding. The base components and wide

feet with adjustable floor glides provide stability. The double-bolted lower leg spreader and the upper spreader provide superior rigidity.

#### I-1/4" T Maple Grain Laminate Top

Stk.	Mfr.	Overall Size	Price
<b>439250</b>	A2-4260PL3	42"D x 29-3/4"H x 60"W	<b>WEB</b>
<b>439253</b>	A2-4272PL3	42"D x 29-3/4"H x 72"W	<b>WEB</b>

#### I-3/4" T Maple Top

Stk.	Mfr.	Overall Size	Price
<b>439251</b>	A2-4260M	42"D x 29-3/4"H x 60"W	<b>WEB</b>
<b>439252</b>	A2-4272M	42"D x 29-3/4"H x 72"W	<b>WEB</b>



### Planning Table

**Diversified Woodcrafts** Designed to be used in art, general planning, sewing and model construction. Base is constructed of 2 tapered solid maple pedestal style panel legs and 2 solid

maple truss bars. The unique way the top is attached prevents the table from racking or rocking. Earth-friendly, UV finish.

Overall size 60"W x 42"D x 30"H.

**Ships in 5 business days! Quantity restrictions apply.**

#### I-3/4" Solid Maple Top

Stk.	Mfr.	Price
<b>155610</b>	PT-62M	<b>WEB</b>

#### I-1/4" Laminate Top Almond color top with 3 mm PVC edging.

Stk.	Mfr.	Price
<b>155611</b>	PT-62P	<b>WEB</b>



### 4-Student Work Table

**Hann** Sturdy multi-purpose table has a solid maple base with bolt-reinforced mortise and tenon joints. Intersecting lower cross bracing allows for leg room on all 4 sides. Wide legs w/adjustable floor glides, I-3/4" T maple top. Natural finish. Hand built. Shipped set up.

Overall size 48"W x 48"D x 30"H.

Stk.	Mfr.	Price
<b>439400</b>	STX-4848MP	<b>WEB</b>



### Planning Tables

**Hann** Ideal for general use as well as planning and designing. The all-wood table is constructed of the finest hard maple with natural finish. Includes adjustable floor glides. Furnished with 2 large drawers 20"W x 20"D x 2-3/8"H. Shipped set-up.

Overall size is 72"W x 30"D x 30"H.

Stk.	Mfr.	Item	Price
<b>439327</b>	PL-2	I-1/4" Laminate Top	<b>WEB</b>
<b>439328</b>	PL-2HM	I-3/4" Maple Top	<b>WEB</b>



### Lobo Table

**WB Mfg** Heavy-duty, durable table is commonly used in science, art and industrial classrooms, creative labs and conference centers. Constructed of 1" x 2", 16 ga. powder-coated steel frame prevents sway and sag of the table often found in imported tables. The table is

leveled by non-marring glides and 14 ga. steel legs that easily bolt to a 10 ga. reception plate. 1.25" high pressure laminate top with 1.125" thick MDF core and phenolic backer (with anti-gum coating). Exclusive Lotz Armor Edge™ will not separate from the core. Some assembly required.

**Please specify top color: Grey Nebula, Bannister Oak or Black. Grey Nebula will be shipped if not specified.**

**Adjustable Leg Tables** 14 ga. outer tube with 16 ga. insert adjustable legs provide ADA table height range from 23-1/2" to 37-1/2"

Stk.	Mfr.	Overall Size	Price
<b>281520</b>	LOB7071-ADJ	60"W x 24"D	<b>WEB</b>
<b>281521</b>	LOB7082-ADJ	60"W x 30"D	<b>WEB</b>
<b>281522</b>	LOB7083-ADJ	72"W x 30"D	<b>WEB</b>
<b>281523</b>	LOB7100-ADJ	72"W x 42"D	<b>WEB</b>

**Fixed Leg Tables** 14 ga. fixed legs for table height of 29"

Stk.	Mfr.	Overall Size	Price
<b>281524</b>	LOB7071-FX	60"W x 24"D	<b>WEB</b>
<b>281525</b>	LOB7082-FX	60"W x 30"D	<b>WEB</b>
<b>281526</b>	LOB7083-FX	72"W x 30"D	<b>WEB</b>
<b>281527</b>	LOB7100-FX	72"W x 42"D	<b>WEB</b>



### Toro Table

**WB Mfg** Fully welded table withstands abuse in specialized classrooms or industrial work applications. 14 ga. steel legs welded to a 16 ga. fully-welded steel frame and apron. High pressure laminate top is bonded to 1-1/8" thick MDF core. Edge material is Lotz Armor Edge™,

a polyurea, which is extremely strong and durable. Edge will not separate from the MDF core material. Nylon adjustment glides. Assembly required.

**Please specify top color: Grey Nebula, Banister Oak or Black. Grey Nebula will be shipped if not specified.**

#### Adjustable Leg Table

Stk.	Mfr.	Overall Size D x L x H	Price
<b>281560</b>	TOR7071-ADJ	24" x 60" x 23-1/2" to 37-1/2"	<b>WEB</b>
<b>281561</b>	TOR7082-ADJ	30" x 60" x 23-1/2" to 37-1/2"	<b>WEB</b>
<b>281562</b>	TOR7083-ADJ	30" x 72" x 23-1/2" to 37-1/2"	<b>WEB</b>
<b>281563</b>	TOR7100-ADJ	42" x 72" x 23-1/2" to 37-1/2"	<b>WEB</b>

#### Fixed Leg Table

Stk.	Mfr.	Overall Size D x L x H	Price
<b>281564</b>	TOR7071-FX	24" x 60" x 29-1/2"	<b>WEB</b>
<b>281565</b>	TOR7082-FX	30" x 60" x 29-1/2"	<b>WEB</b>
<b>281566</b>	TOR7083-FX	30" x 72" x 29-1/2"	<b>WEB</b>
<b>281567</b>	TOR7100-FX	42" x 72" x 29-1/2"	<b>WEB</b>



### Round Activity Table with Adjustable Legs

**MooreCo** Table offers quick and easy assembly and height adjustability from 22" to 29". HPL top and black edgebanding. Adjustable powder-coated black steel legs feature swivel glides. Tops are made in the USA. Mfr.'s limited lifetime warranty.

Black frame with Fusion Maple laminate top.

Stk.	Mfr.	Overall Size	Price
<b>544984</b>	90527-N-7909	36"W x 36"D x 22"H to 29"H	<b>WEB</b>
<b>544985</b>	90527-P-7909	42"W x 42"D x 22"H to 29"H	<b>WEB</b>
<b>544986</b>	90527-Q-7909	48"W x 48"D x 22"H to 29"H	<b>WEB</b>



### Rectangular Activity Table with Adjustable Legs

**MooreCo** Table offers quick and easy assembly and height adjustability from 22" to 29". HPL top and black edgebanding. Adjustable powder-coated black steel legs feature swivel glides. Tops are made in the USA.

Black frame with fusion maple laminate top.

Stk.	Mfr.	Overall Size	Price
<b>544980</b>	90527-B-7909	48"W x 24"D x 22" to 29"H	<b>WEB</b>
<b>544981</b>	90527-C-7909	60"W x 24"D x 22" to 29"H	<b>WEB</b>
<b>544982</b>	90527-D-7909	48"W x 30"D x 22" to 29"H	<b>WEB</b>
<b>544983</b>	90527-E-7909	60"W x 30"D x 22" to 29"H	<b>WEB</b>



### 2-Student Science Table

**Diversified Woodcrafts** Aprons are constructed of solid maple and are 13/16"D x 4-1/2"H with heavy-duty 13 ga. steel corner braces. Solid 2-1/4" maple legs with 5/16" hanger bolt installed, and are attached to the table with nuts and washers (supplied).

Equipped with non-skid adjustable glides for precise leveling and rubber leg boots. Earth-friendly, UV finish. Light-assembly.

#### Epoxy Resin Top Chemical and heat resistant.

Stk.	Mfr.	Overall Size	Price
<b>155680</b>	P7106M30N	48"W x 24"D x 30"H	<b>WEB</b>
<b>155684</b>	P7206M30N	54"W x 24"D x 30"H	<b>WEB</b>
<b>155688</b>	P7606M30N	60"W x 24"D x 30"H	<b>WEB</b>

#### ChemGuard Top Chemical and acid resistant.

Stk.	Mfr.	Overall Size	Price
<b>155681</b>	P7102M30N	48"W x 24"D x 30"H	<b>WEB</b>
<b>155685</b>	P7202M30N	54"W x 24"D x 30"H	<b>WEB</b>
<b>155689</b>	P7602M30N	60"W x 24"D x 30"H	<b>WEB</b>

#### Laminate Top Durable and easy-to-clean.

Stk.	Mfr.	Overall Size	Price
<b>155682</b>	P7101M30N	48"W x 24"D x 30"H	<b>WEB</b>
<b>155686</b>	P7201M30N	54"W x 24"D x 30"H	<b>WEB</b>
<b>155690</b>	P7601M30N	60"W x 24"D x 30"H	<b>WEB</b>



### Science Tables

**Hann** Table provides work space for two or more students. Legs and apron constructed of solid hard maple. Apron measures 13/16" x 5". Legs are 2-1/4" square and include black vinyl boots. Finish consists of multiple coats of natural chemically resistant catalyzed varnish. Maple

top is manufactured of the finest grade northern grown maple. The lumber is seasoned and then kiln dried to a moisture content of six to eight percent. Strips of lumber are then electronically laminated with a special tight bonding glue to create a smooth surface. Some assembly required.

Stk.	Mfr.	Overall Size	Price
<b>439390</b>	STPM-2460M	60"W x 24"D x 30"H	<b>WEB</b>
<b>439391</b>	STPM-4848M	48"W x 48"D x 30"H	<b>WEB</b>
<b>439392</b>	STPM-4260M	60"W x 42"D x 30"H	<b>WEB</b>



### Stainless Steel Table

**Diversified Woodcrafts** 18 ga. stainless steel top has 2 sound deadened integrally welded 5" C-channels to reinforce and maintain level working surface. Galvanized legs are 1-5/8" dia. and have adjustable high impact corrosion resistant feet. Under-shelf is adjustable and has two pins per corner

providing extra strength and stability. National Safety Foundation Certified.

Stk.	Mfr.	Overall Size	Price
<b>155084</b>	XS3630	36"W x 30"D x 35"H	<b>WEB</b>
<b>155085</b>	XS4830	48"W x 30"D x 35"H	<b>WEB</b>
<b>155086</b>	XS6030	60"W x 30"D x 35"H	<b>WEB</b>
<b>155087</b>	XS7230	72"W x 30"D x 35"H	<b>WEB</b>

## DESKS



### Multi-purpose Planning Desk

**Hann** Constructed of heavy maple and hardwood paneling with mortise and tenon construction for durability with natural finish. The 'maple grain' pattern HPL top measures 1-1/4"T and has 3 mm PVC edgebanding. The

desk includes 4 general storage drawers and 1 file drawer fitted with master-keyed cylinder locks and 4 paper storage drawers.

Stk.	Mfr.	Overall Size	Price
<b>439285</b>	D-631	72"W x 30"D x 36-3/4"H	<b>WEB</b>



### Planning and Layout Bench

**Diversified Woodcrafts** Store layouts, paper, pens and more in this versatile planning bench. It has a fully finished back and is built of maple-veneered plywood with the solid maple apron and legs. Includes 9 locking

drawers with dovetail construction and pulls. 1 file drawer (15-3/12"W x 19-3/4"D x 10-1/4"H), 4 paper drawers (32-5/12"W x 25-3/4"D x 2"H) and 4 storage drawers (15-3/12"W x 19-3/4"D x 4-1/2"H). Earth-friendly, UV finish with a 1-1/4" almond colored plastic laminate top.

Stk.	Mfr.	Overall Size	Price
<b>155806</b>	PLB-201	72"W x 30"D x 37"H	<b>WEB</b>





### Standing Foreman's Desk

**Tennsco** Standing desk provides a convenient yet sturdy, sloping writing surface with the added capability of storing a variety of supplies in a lockable drawer. Heavy steel construction and 14 ga. corner posts. Medium gray.

**Includes** 2 keys.

**Shown with supplies, not included.**

Stk.	Mfr.	Overall Size	Price
<b>892670</b>	SR-57	34-1/2"W x 29"D x 53"H	<b>WEB</b>

## SEATING



### Industrial Masonite Seat Stool

**Krueger** All-purpose industrial stool is an affordable and durable seating solution for classrooms, libraries, cafeterias, shops, labs and more. 18-ga., 7/8" O.D. seam-welded tubular steel legs are crossed and welded together. 18-ga., 5/8" O.D. welded foot ring for comfort and support. 20-ga. die-formed steel seat with fully curled edges for

strength and safety. Durable, tempered hardboard Masonite insert is riveted into seat recess. Baked-on, electrostatically applied epoxy powder coat finish.

**Please specify color: gray metallic, beige, black, brown or sand enamel finish. Gray will be shipped if not specified.**

**Fixed-Height Includes** replaceable polyethylene feet.

Stk.	Mfr.	Seat Height	Price
<b>I43000</b>	618	18"	<b>WEB</b>
<b>I43268</b>	624	24"	<b>WEB</b>
<b>I43536</b>	630	30"	<b>WEB</b>

**Adjustable-Height** Adjusts in 1" increments. **Includes** self leveling glides.

Stk.	Mfr.	Seat Height	Price
<b>I43067</b>	618A	19" to 27"	<b>WEB</b>
<b>I43335</b>	624A	25" to 33"	<b>WEB</b>
<b>I43603</b>	630A	31" to 39"	<b>WEB</b>



### Industrial Masonite Seat Stool with Backrest

**Krueger** All-purpose industrial stool is an affordable and durable seating solution for classrooms, libraries, cafeterias, shops, labs and more. 18-ga., 7/8" O.D. seam-welded tubular steel legs are crossed and welded together. 18-ga., 5/8" O.D. welded foot ring for comfort and support. 20-ga. die-formed steel seat with fully curled edges for strength and safety. Du-

rable, tempered hardboard Masonite insert is riveted into seat recess. Steel backrest can be adjusted up/down and forward/back. Baked-on, electrostatically applied epoxy powder coat finish.

**Please specify color: gray metallic, beige, black, brown or sand enamel finish. Gray will be shipped if not specified.**

**Adjustable-Height** Adjusts in 1" increments. **Includes** self leveling glides.

Stk.	Mfr.	Seat Height	Price
<b>I43201</b>	618BA	19" to 27"	<b>WEB</b>
<b>I43469</b>	624BA	25" to 33"	<b>WEB</b>
<b>I43737</b>	630BA	31" to 39"	<b>WEB</b>

**Fixed-Height Includes** replaceable polyethylene feet.

Stk.	Mfr.	Seat Height	Price
<b>I43134</b>	618B	18"	<b>WEB</b>
<b>I43402</b>	624B	24"	<b>WEB</b>
<b>I43670</b>	630B	30"	<b>WEB</b>



### Metal Stool

**Flash Furniture** Stackable all-weather fixed-height stool suitable for indoor and outdoor use. A cross brace under the seat adds stability and plastic caps prevent the finish from scratching when stacked. Protective rubber feet. Seat 12"W x 12"D.

Stk.	Mfr.	Seat Height	Color	Price
<b>411750</b>	CH-31320-24-BK-GG	24"	Black	<b>WEB</b>
<b>411751</b>	CH-31320-24-SIL-GG	24"	Silver	<b>WEB</b>
<b>411752</b>	CH-31320-24-BL-GG	24"	Blue	<b>WEB</b>
<b>411753</b>	CH-31320-24-RED-GG	24"	Red	<b>WEB</b>
<b>411754</b>	CH-31320-30-BK-GG	30"	Black	<b>WEB</b>
<b>411755</b>	CH-31320-30-SIL-GG	30"	Silver	<b>WEB</b>
<b>411756</b>	CH-31320-30-BL-GG	30"	Blue	<b>WEB</b>
<b>411757</b>	CH-31320-30-RED-GG	30"	Red	<b>WEB</b>



### Maple Seat Stool

**Krueger** This all-purpose industrial stool is an affordable and durable seating solution for classrooms, libraries, cafeterias, shops, labs and more. 18-ga., 7/8" O.D. seam-welded tubular steel legs are crossed and welded together. 18-ga., 5/8" O.D. welded foot ring for comfort and support. Baked-on, electrostatically applied epoxy powder coat finish. 14" dia., 1-1/4" T hardwood seat with clear lacquer finish. Seat is attached to legs with screws.

**Please specify color: gray metallic, beige, sand, black or brown. Gray metallic will be shipped if not specified.**

**Fixed-Height Includes** replaceable polyethylene feet.

Stk.	Mfr.	Seat Height	Price
<b>I43220</b>	618W	18"	<b>WEB</b>
<b>I43475</b>	624W	24"	<b>WEB</b>
<b>I43750</b>	630W	30"	<b>WEB</b>

**Adjustable-Height** Adjusts in 1" increments. **Includes** self leveling glides.

Stk.	Mfr.	Seat Height	Price
<b>I43224</b>	618WA	19" to 27"	<b>WEB</b>
<b>I43479</b>	624WA	25" to 33"	<b>WEB</b>
<b>I43754</b>	630WA	31" to 39"	<b>WEB</b>



### Hardwood Stool

**Hann** Ideal for seating in the classroom or lab. Heavy duty seats with rounded edge are 1-1/4" thick and 13" dia. 1-1/2" dia. rounded legs are tenoned into the bottom of the seat and secured with screws. Legs are rounded at the end. Draw-tight stretchers are glued and pinned at stress points.

### Maple

Stk.	Mfr.	Seat Height	Price
<b>439331</b>	S-18-M	18"	<b>WEB</b>
<b>439333</b>	S-24-M	24"	<b>WEB</b>
<b>439335</b>	S-30-M	30"	<b>WEB</b>

### Oak

Stk.	Mfr.	Seat Height	Price
<b>439330</b>	S-18-O	18"	<b>WEB</b>
<b>439332</b>	S-24-O	24"	<b>WEB</b>
<b>439334</b>	S-30-O	30"	<b>WEB</b>



### 5-Legged Square Tube Stool

**WB Mfg** Fully-welded stool for demanding environments. 5-legged design improves stability, discourages attempts to balance on two legs. Black, 16 gauge powder-coated steel with non-marring glides. 1/2" solid steel foot ring. 14" dia. x 1-1/4" T seat. Assembly required.

#### Adjustable-Height

Stk.	Mfr.	Seat Height	Seat	Price
<b>281542</b>	STL9186-AR-HW	18" to 28"	Hardwood	<b>WEB</b>
<b>281543</b>	STL9186-AP-HW	22" to 32"	Hardwood	<b>WEB</b>

#### Fixed-Height

Stk.	Mfr.	Seat Height	Seat	Price
<b>281540</b>	STL9186-AH-HW	18"	Hardwood	<b>WEB</b>
<b>281541</b>	STL9186-AL-HW	24"	Hardwood	<b>WEB</b>



### Angle Steel Stools

**Montisa Learning** Angle steel leg stools with 14" round metal or wood seats. Legs are constructed of 7/8" square angle steel with 1 row of stretchers. Stools that are 26"H or higher have 2 rows of stretchers. Ball feet are an integral part of the leg. Glides sold separately.

**Please specify color: gray, forest green or western (dark) tan. Gray will be shipped if not specified.**

#### Steel Seat

Stk.	Mfr.	Seat Height	Price
<b>206692</b>	21-A-20	20"	<b>WEB</b>
<b>206694</b>	21-A-24	24"	<b>WEB</b>
<b>206696</b>	21-A-26	26"	<b>WEB</b>
<b>207000</b>	21-A-30	30"	<b>WEB</b>

#### Wood Seat

Stk.	Mfr.	Seat Height	Price
<b>207004</b>	21-B-20	20"	<b>WEB</b>
<b>207006</b>	21-B-24	24"	<b>WEB</b>
<b>207008</b>	21-B-26	26"	<b>WEB</b>
<b>207012</b>	21-B-30	30"	<b>WEB</b>

### Angle Steel Stool Glides

**Montisa Learning** Fits Montisa Learning angle steel stools. 7/8" diameter nylon glides. 4/set.

Stk.	Mfr.	Price
<b>206014</b>	GL01	<b>WEB</b>



### Intellect Wave Task Stool

**Krueger** Stool delivers comfort, product durability and clean design. 17.5"W swivel seat pneumatically adjusts from 20-1/4" - 30-3/4"H. The flexing back provides exceptional comfort. Durable, polypropylene seat is easy-to-clean and resists scratching, fading and denting.

Overall size: 26"W x 26"D x 34.25"-44.75"H.

Stk.	Mfr.	Color	Price
<b>143810</b>	IWS-PCY-G	Cayenne Red	<b>WEB</b>
<b>143811</b>	IWS-PCG-G	Cool Grey	<b>WEB</b>
<b>143812</b>	IWS-PBL-G	Black	<b>WEB</b>



### Gel Seat Stool with Height Adjustment

**Safco** Sitstar™ stool features an oversized, tractor style seat of PVC-coated gel molded on a metal frame. Soft, polyurethane black seat has a polished chrome base with raised adjustable foot ring and 5 dual carpet casters. Swivels 360°. Black padded backrest for good posture (sold separately). Light assembly required.

Stk.	Mfr.	Seat Height	Price
<b>770890</b>	6660BL	23" to 33"	<b>WEB</b>



### Gel Seat Stool Backrest

**Safco** Sitstar™ Backrest for Safco Sitstar Steel Stool Mfg. 6660BL.

Stk.	Mfr.	Price
<b>770891</b>	6661BL	<b>WEB</b>



### Lincoln Fabric ESD Tall Chair

**BenchPro** Adjustable height seat with 2.5"T quadruple density urethane foam. The top layer is memory foam, followed by soft, medium and extra firm foam on the bottom. Five-leg chrome base with 5 casters. Blue fabric seat and back.

Seat 12" x 16". Back 13.5"H. Capacity 450 lbs.

**Meets and exceeds ANSI/BIFMA standards.**

Stk.	Mfr.	Seat Height	Price
<b>235272</b>	LCT-DFA-3L	22" to 30"	<b>WEB</b>
<b>235273</b>	LCT-DFB-3L	26" to 36"	<b>WEB</b>



### Urethane Tall Chair with Foot Ring

**BenchPro** This adjustable height chair wears very well, is puncture and tear resistant, takes no maintenance and rarely needs cleaning. Sub-assembly is completed, just push the parts together. Five-leg chrome base with 5 casters. Black seat and back.

Seat 12" x 16". Back 18" x 18.5". Capacity 450 lbs.

**Meets and exceeds ANSI/BIFMA standards.**

Stk.	Mfr.	Seat Height	Price
<b>235270</b>	LCT-UA-1L	19" to 27"	<b>WEB</b>
<b>235271</b>	LCT-UB-1L	23" to 33"	<b>WEB</b>



### Maestro Stack Chairs

**Krueger** Chairs are built to withstand vigorous use and still provide years of convenient, versatile seating. Injection-molded polypropylene seat and back. Back features a contoured handle for easy lifting and stacking. Chair frame features 7/16" solid steel rod in bright nickel-chrome plated. Chairs stack 10 high.

Overall size 19-1/4"W x 21-1/4"D x 31-1/2"H.

Stk.	Mfr.	Color	Price
<b>143870</b>	MSP/NG/CH/PBL/NF	Black	<b>WEB</b>
<b>143871</b>	MSP/NG/CH/PSA/NFR	Sand	<b>WEB</b>



### Hercules Stack Chair

**Flash Furniture** Stackable classroom chair with an air-vented back and waterfall seat edge. They are built to last with a dual-braced frame. Heavy-duty black plastic.

Stk.	Mfr.	Seat Height	Seat	Price
<b>411800</b>	RUT-16-PDR-BLACK-GG	16"	13.25" x 15.25"	<b>WEB</b>
<b>411801</b>	RUT-18-BK-CHR-GG	18"	15.75" x 17"	<b>WEB</b>

## STORAGE CABINETS



### 8-Section Storage Cabinet

**Flash Furniture** Wooden storage cabinet provides ample space for blocks, books, toys or anything else that needs to be put away at the end of the day. Durable birch plywood with a natural finish. Self-leveling floor glides. Assembly required.

Stk.	Mfr.	Overall Size	Price
<b>411780</b>	MK-STRG002-GG	48"W x 15"D x 36"H	<b>WEB</b>



### Wood Cubby Unit

**Diversified Woodcrafts** A great way to store classroom materials. Constructed of maple veneer. Sections are divided with 3/4" veneered plywood and finished with a hard, UV finish. Back is designed to be anchored to a wall for stability. Black rubber base molding gives the cubby unit a finished look. Cubby size 10.5"W x 14"D x 10.5"H.

Shown with supplies, not included.

Stk.	Mfr.	Sections	Overall Size	Price
<b>I55061</b>	CC-1215-51M	1	12"W x 15"D x 51"H	<b>WEB</b>
<b>I55062</b>	CC-2415-51M	2	24"W x 15"D x 51"H	<b>WEB</b>
<b>I55063</b>	CC-3615-51M	3	36"W x 15"D x 51"H	<b>WEB</b>
<b>I55064</b>	CC-4815-51M	4	48"W x 15"D x 51"H	<b>WEB</b>



### Backpack Locker

**Diversified Woodcrafts** Store backpacks, coats and totes in this sturdy wood locker. Locker section has a double hook mounted for hanging jackets and backpacks. Sections are divided with 3/4" veneered plywood and finished with a hard, UV finish. Back is designed to be anchored to a wall for stability. Black

rubber base molding gives the locker unit a finished look.

Small cubbies 10.5"W x 14"D x 10.5"H.

Large cubby 10.5"W x 14"D x 26"H.

4-Section Locker shown with supplies, not included.

Stk.	Mfr.	Sections	Overall Size	Price
<b>I55056</b>	BP-1215-51M	1	12"W x 15"D x 51"H	<b>WEB</b>
<b>I55057</b>	BP-2415-51M	2	24"W x 15"D x 51"H	<b>WEB</b>
<b>I55058</b>	BP-3615-51M	3	36"W x 15"D x 51"H	<b>WEB</b>
<b>I55059</b>	BP-4815-51M	4	48"W x 15"D x 51"H	<b>WEB</b>

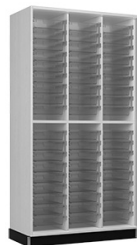


### 36"W 80-Bin Storage Cabinet

**Diversified Woodcrafts** Constructed of maple veneers & banded with solid maple (3/4" back). 3-point locking cabinet has 5-knuckle hinges, 3 adjustable shelves and area for 80 hanging high-impact plastic bins. Earth-friendly UV finish. Shipped set up.

**Includes** 80 hanging bins.

Stk.	Mfr.	Overall Size	Bins	Price
<b>I55628</b>	PSC-80	36"W x 18"D x 84"H	80	<b>WEB</b>



### Tall Open Tote Storage

**Diversified Woodcrafts** Get organized with this tall, clear-tote storage unit. It includes 54 clear single-depth Certwood totes. Constructed of solid maple veneers with a chemical resistant, earth-friendly UV finish. Rubber base molding. Made in the USA.

Overall size 43"W x 22"D x 84"H.

Stk.	Mfr.	Trays	Tray Size	Price
<b>I55000</b>	390-4322M	54	12-1/4"W x 16-3/4"D x 3"H.	<b>WEB</b>



### 48"W 24-Tote Tray Storage Cabinet

**Hann** Cabinet constructed of hard maple face framing and birch panels. All members are glued and stapled to one another forming a strong, interconnected cabinet. 3 adjustable shelves made of 3/4" veneercore plywood. Natural finish. Master-keyed locking doors. High-impact polystyrene tote trays with label holders. Shipped set up.

Overall size 48"W x 22"D x 84"H.

**Cabinet should be secured to the wall for safety. Mounting hardware not included.**

Stk.	Mfr.	Trays	Tray Size	Price
<b>439475</b>	TT-4	24	19" x 13-1/4" x 3-1/2"	<b>WEB</b>



### 48"W 48-Tote Tray Cabinet

**Diversified Woodcrafts** Cabinet is constructed of solid maple and maple veneers. A great place for students to store their art, sewing or individual projects. Tote tray storage case has hinged maple doors with 3-point locking handles. Earth-friendly, UV finish.

Overall size 48"W x 22"D x 84"H.

**Cabinet should be secured to the wall for safety. Mounting hardware not included.**

Stk.	Mfr.	Trays	Tray Size	Price
<b>I55528</b>	TTC-48	48	14-1/4" x 19" x 3-1/2"	<b>WEB</b>



### 48"W General Storage Cabinet w/Drawers

**Hann** Constructed of hard maple face framing and birch panels. All members are glued and stapled forming a strong, interconnected cabinet. Master-keyed locking doors and drawers (21"D). 4 full width adjustable shelves made of 3/4" veneercore plywood. Natural finish. Shipped set up.

Overall size 48"W x 22"D x 84"H.

**Cabinet should be secured to the wall for safety. Mounting hardware not included.**

Stk.	Mfr.	Price
<b>439417</b>	TS-2	<b>WEB</b>



### 60"W Tool Cabinet Storage

**Diversified Woodcrafts** Cabinet is constructed of solid maple and maple veneers. Upper cabinet doors, side and rear panels are lined with 1/4" pegboard. Lower cabinet features 1 fixed and 2 adjustable 1" plywood shelves. Upper and lower locking maple veneer doors. Earth-friendly UV finish. Shipped set up.

Overall size 60"W x 22"D x 84"H.

**Includes** assorted pegboard hooks.

Stk.	Mfr.	Item	Price
<b>155352</b>	TC-4	Cabinet Only	<b>WEB</b>



### 60"W Tool Storage Cabinet w/Pegboard

**Hann** Heavy-duty build with 1-1/2" thick mortise and tenon frames, doors mounted on continuous hinges and 3/4" thick plywood backs. Lower cabinet consists of 2 adjustable shelves made of 3/4" veneercore plywood. Upper storage compartment lined with 1/4" perforated

pegboard. Master-keyed locking doors. Natural finish. Shipped set up.

**Includes** tool hangers, 10 bins & 14 totes.

Stk.	Mfr.	Overall Size	Price
<b>439418</b>	TS-4	60"W x 22"D x 84"H	<b>WEB</b>



### 96"W White Board Wall Cabinet

**Diversified Woodcrafts** Provides large presentation boards and ample storage for classroom activities. Full-width map rail above marker board. Two 4' porcelain magnetic marker boards. Behind the sliding marker boards are 3 adjustable shelves.

Lower storage cabinets contain 1 adjustable

shelf and both units lock. Cabinet constructed of maple or oak veneers.

**Cabinet should be secured to the wall for safety.**

**Mounting hardware is not included.**

Stk.	Mfr.	Item	Overall Size	Price
<b>155051</b>	LW-8K	Oak	96"W x 24"D x 84.25"H	<b>WEB</b>
<b>155052</b>	LW-8M	Maple	96"W x 24"D x 84.25"H	<b>WEB</b>



### Project Storage Cabinet

**Hann** Cabinet is constructed of a thick solid hard maple face frame and hard maple panels. The extra cabinet depth allows tubs and other containers up to 24" deep stored. Heavy-duty shelves are supported on the sides and at the rear. Includes a center fixed shelf and 4 adjustable shelves. Front edge is reinforced by a solid hard nosing. Locking doors are mounted on institutional hinges.

Overall size: 48"W x 26"D x 84"H

Stk.	Mfr.	Price
<b>439382</b>	SSC-21-26D-4S	<b>WEB</b>



### Project Storage Cabinet with Garage

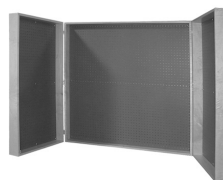
**Hann** Cabinet is constructed of a thick solid hard maple face frame and hard maple panels. The extra cabinet depth allows tubs and other containers up to 24" deep to be stored. Heavy-duty shelves are supported on the sides and at the rear. Includes a center fixed shelf and 3 adjustable shelves in the upper section. The lower section is a garage (40"W x 23"D x 31"H) intended to

house a project support cart (sold separately) Front edge is reinforced by a solid hard maple nosing. Locking doors are mounted on institutional hinges.

Overall size: 48"W x 26"D x 84"H

**Show with project cart, sold separately.**

Stk.	Mfr.	Price
<b>439383</b>	SSCG-21-26D-3S	<b>WEB</b>

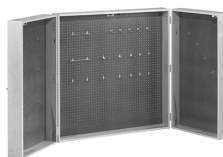


### Wall Mounted Tool Storage Cabinet

**Hann** Provides a full 96" of tool mounting area when the unit is open. Constructed of heavy hardwood panels with natural finish. Fitted with masonite pegboard, lock, strap hinges and provision for wall mounting. Side panels are 24"W x 4"D x 48"H and center panel is 48"W x 4"D x 48"H. Shipped set-up.

**Includes** assortment of tool hangers.

Stk.	Mfr.	Overall Size	Price
<b>439415</b>	TC-5	48"W x 8"D x 48"H	<b>WEB</b>



### Wall-mounted Tool Storage Cabinet

**Diversified Woodcrafts** Made of 3 sections, with the middle section mounted to the wall and the hinged outside sections can be closed and locked. Plywood cabinet is lined with a pegboard interior to allow flexible arrange-

ments of tools. When open, it provides 96"W of continuous tool mounting area. Earth-friendly, UV finish.

**Includes** hasp and assorted pegboard hooks.

Stk.	Mfr.	Overall Size	Price
<b>155469</b>	MC-1	48"W x 12"D x 48"H (closed)	<b>WEB</b>

## METAL STORAGE CABINETS



### 36"W Modular Storage Cabinet

**Sandusky Lee** Durable all-welded steel construction with radius front corners and powder-coated finish. Easy-to-grab door pulls and full length piano hinges. Cam lock with 3-point locking system. Heavy-duty rounded legs with leveling guides. 200 lb. capacity shelves. Cut-out cord access holes in the back. 1 fixed and 2 adjustable shelves. Black frame, granite-colored doors.

Stk.	Mfr.	Overall Size	Price
<b>770005</b>	AA3F361872-MG09	36"W x 18"D x 72"H	<b>WEB</b>





### 36"W Deluxe Metal Counter Height Cabinet

**Tennsco** Cabinet fabricated of cold rolled carbon steel, free of rust and fully pickled. Exposed edges, corners and surface are free of sharp edges. Two shelves adjust in 2" increments without tools. Louvered back panel, 16 ga. welded frame, 2 adjustable levelers and 3-point keyed lock. Electrostatically-applied Medium Gray gloss paint finish. Assembly required.

**Includes** 2 keys.

**Shown with supplies, sold separately.**

Stk.	Mfr.	Overall Size	Price
<b>892568</b>	1842-MGY	36"W x 18"D x 42"H	<b>WEB</b>
<b>892573</b>	2442-MGY	36"W x 24"D x 42"H	<b>WEB</b>

### 36"W Standard Metal Storage Cabinet



**Tennsco** Heavy-duty cabinet has reinforced doors with extra wide reinforcement for added rigidity. Enclosed, raised base keeps contents from contact with floor moisture. Built-in shelf tabs for easy adjustments. Chrome handle activates 3-point locking feature on both doors. Heavy-duty leaf hinges door maintain door alignment. Medium gray finish. Assembly required.

**Includes** 4 adjustable shelves.

**Shown w/supplies, sold separately.**

Stk.	Mfr.	Overall Size	Price
<b>892600</b>	1470-MGY	36"W x 18"D x 72"H	<b>WEB</b>
<b>892605</b>	1480-MGY	36"W x 24"D x 72"H	<b>WEB</b>



### 36"W Deluxe Metal Storage Cabinet

**Tennsco** Cabinet fabricated of cold rolled carbon steel, free of rust and fully pickled. Exposed edges, corners and surface are free of sharp edges. Four shelves adjust in 2" increments without tools. Louvered back panel, 16 ga. welded frame, 2 adjustable levelers and 3-point keyed lock. Electrostatically-applied Medium Gray gloss paint finish. Assembly required.

**Includes** 2 keys.

Stk.	Mfr.	Overall Size	Price
<b>892570</b>	1870-MGY	36"W x 18"D x 78"H	<b>WEB</b>
<b>892574</b>	2470-MGY	36"W x 24"D x 78"H	<b>WEB</b>



### 36"W Standard Metal Wardrobe Cabinet

**Tennsco** Heavy-duty cabinet has reinforced doors with extra wide reinforcement for added rigidity. Enclosed, raised base keeps contents from contact with floor moisture. Built-in shelf tabs for easy adjustments. Chrome handle activates 3-point locking feature on both doors. Heavy-duty leaf hinges door maintain door alignment. Medium gray finish. Assembly required.

**Includes** hang bar, 1 full-width & 4 adjustable shelves.

Stk.	Mfr.	Overall Size	Price
<b>892602</b>	1472-MGY	36"W x 18"D x 72"H	<b>WEB</b>



### 36"W Deluxe Metal Wardrobe Cabinet

**Tennsco** Cabinet provides secure storage with a hanging rod, plus shelves for general storage. Cabinet fabricated of cold rolled carbon steel, free of rust and fully pickled. Exposed edges, corners and surface are free of sharp edges. One fixed shelf and 4 shelves adjust in 2" increments without tools. Louvered back panel, 16 ga. welded frame, 2 adjustable levelers and 3-point keyed lock. Electrostatically-applied Medium Gray gloss paint finish. Assembly required.

**Includes** 2 keys.

**Shown with supplies, sold separately.**

Stk.	Mfr.	Overall Size	Price
<b>892571</b>	1872-MGY	36"W x 18"D x 78"H	<b>WEB</b>
<b>892575</b>	2472-MGY	36"W x 24"D x 78"H	<b>WEB</b>



### 30"W Space Saver Storage Cabinet

**Shure** Space-saving steel cabinet with 4 adjustable shelves. Sebring Gray finish.

**Includes** 4 adjustable shelves and levelers.

Stk.	Mfr.	Item	Size	Price
<b>795160</b>	310180-RH	Right Hinge	30"W x 21"D x 80-17/32"H	<b>WEB</b>
<b>795161</b>	310180-LH	Left Hinge	30"W x 21"D x 80-17/32"H	<b>WEB</b>



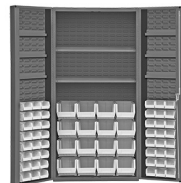
### 48"W Standard Metal Cabinet

**Tennsco** Heavy-duty cabinet has reinforced doors with extra wide reinforcement for added rigidity. Enclosed, raised base keeps contents from contact with floor moisture. Built-in shelf tabs for easy adjustments. Chrome handle activates 3-point locking feature on both doors. Heavy-duty leaf hinges door maintain door alignment. Medium gray finish. Assembly required.

**Includes** 4 adjustable shelves.

**Shown w/supplies, sold separately.**

Stk.	Mfr.	Overall Size	Price
<b>892620</b>	J1878A-N-MGY	48"W x 18"D x 78"H	<b>WEB</b>
<b>892622</b>	J2478A-N-MGY	48"W x 24"D x 78"H	<b>WEB</b>



### Heavy-Duty Bin Cabinet, 64 Bins

**Durham** Heavy-duty all welded 14 ga. steel construction with gray powder coat finish, 4"D box doors with welded piano hinges. Welded louvered back and door panels hold Hook-On Bins® and shelves. Two center shelves and 6 door shelves are adjustable, with no tools required. 3-point keyed locking handle with 5/16" dia. lock rods.

**Includes** 64 yellow bins, (48) 4" x 7" x 3", (16) 8" x 15" x 7".

Stk.	Mfr.	Overall Size	Price
<b>345135</b>	DC36-642S6DS-95	36"W x 24"D x 72"H	<b>WEB</b>



### Heavy-Duty Bin Cabinet, 96 Bins

**Durham** Heavy-duty welded 14 ga. steel construction and 4"D box doors with fully welded piano hinges. 3-point keyed locking handle with 5/16" dia. lock rods. Welded louvered back and door panels hold Hook-On Bins® and shelves that adjust on 4" centers with no tools required. Durable gray powder coat finish.

**Includes** 96 yellow bins, 4" x 5" x 3".

Stk.	Mfr.	Overall Size	Price
<b>345136</b>	DC-DLP-96-4S-95	36"W x 24"D x 72"H	<b>WEB</b>



### Heavy-Duty Bin Cabinet, 132 Bins

**Durham** Full height welded piano hinges for increased strength and rigidity of doors. 3-point locking system with chrome keyed handle and 5/16" diameter lock rods. Double doors open at 180° for full access. Main cabinet is 20"D, box style 4"D doors make full cabinet depth 24". Welded

louvered panels reinforce door and hold Hook-On Bins®. Bins hook into place easily with no tools. Durable gray, textured powder coat finish.

**Includes** 132 yellow bins, (48) 4" x 5" x 3", (48) 4" x 7" x 3", (18) 6" x 11" x 5", (12) 8" x 15" x 7", (6) 16" x 15" x 7".

Stk.	Mfr.	Overall Size	Price
<b>345137</b>	DC-BDLP-132-95	36"W x 24"D x 72"H	<b>WEB</b>

## STORAGE



### Vertical File Cabinet

**Sandusky Lee** Drawers operate quietly with a telescoping, steel ball bearing system, which allows complete extension. Inner lock prevents more than 1 drawer from opening. Single lock secures all drawers. Recessed, full width drawer handle with clear, plastic label holders. Full height sides accept hanging folders

without file frames. Powder-coated finish, 4 leveling glides and closed base. Medium Gray.

#### 2-Drawer 28"D x 26-15/16"H

Stk.	Mfr.	Item	Size	Price
<b>892680</b>	V282-MF-MGY	Letter	14-15/16"W	<b>WEB</b>
<b>892681</b>	V282C-MF-MGY	Legal	17-15/16"W	<b>WEB</b>

#### 3-Drawer 28"D x 38-3/4"H

Stk.	Mfr.	Item	Size	Price
<b>892682</b>	V283-MF-MGY	Letter	14-15/16"W	<b>WEB</b>
<b>892683</b>	V283C-MF-MGY	Legal	17-15/16"W	<b>WEB</b>

#### 4-Drawer 28"D x 50-9/16"H

Stk.	Mfr.	Item	Size	Price
<b>892684</b>	V284-MF-MGY	Letter	14-15/16"W	<b>WEB</b>
<b>892685</b>	V284C-MF-MGY	Legal	17-15/16"W	<b>WEB</b>

#### 5-Drawer 28"D x 62-3/8"H

Stk.	Mfr.	Item	Size	Price
<b>892686</b>	V285-MF-MGY	Letter	14-15/16"W	<b>WEB</b>
<b>892687</b>	V285C-MF-MGY	Legal	17-15/16"W	<b>WEB</b>



### Literature Rack

**Durham** Sturdy 20-pocket all steel rack is designed to keep literature upright and eliminate paper curl. Each pocket holds 150 sheets of literature (8-1/2" x 11" ea.) the top 2-1/2" exposed for easy identification. Keyhole slots for easy wall mounting. Gray color.

Overall size 9-3/4"W x 4"D x 58-1/2"H.

Stk.	Mfr.	Pockets	Weight	Price
<b>345050</b>	400-95	20	30 lbs.	<b>WEB</b>

## MOBILE STORAGE



### LC Series 30 Tablet Laptop Charging Cart

**CEF** Charging cart with 30 slots and 36 outlets, ideal for Chromebooks up to 15", laptops up to 15", MacBooks, tablets and iPad / iPad-mini. Industrial grade core with double faced Melamine Gray Tenino laminate. Four 5" heavy-duty ball bearing swivel casters. Made in USA.

Overall size 24"W x 27"D x 40"H.

Stk.	Mfr.	Bays	Bay Size	Price
<b>131675</b>	LC1-30	30	1.375"W x 16"D x 11.5"H	<b>WEB</b>



### AC Adapter Brick Storage Tray

**CEF** Keep bulky power adapters neatly organized and safely tucked away with the AC Adapter Brick Storage Tray for the 30-Tablet Laptop Charging Cart Stk. **131675**.

**Shown with cart, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>131620</b>	BT	2 trays	<b>WEB</b>



### 30-Tablet Mobile Charging Cart

**Spectrum** Rugged and reliable cart stores and charges up to 30 devices of varying sizes (iPads, Chromebooks or Notebooks). Ventilated door and side panels keep devices and chargers cool, preventing overheating. Four 5" inboard locking casters, Warm Gray powder-coated finish. USA made.

Overall size 26"W x 24"D x 37.1"H.

**Shown with side handle, sold separately.**

Stk.	Mfr.	Bays	Bay Size	Price
<b>512490</b>	55473-CBR	30	1.35"W x 15.67"D x 10.91"H	<b>WEB</b>



### Mobile Shop Cart

**Hann** Portable unit is ideal for a variety of shop applications, such as woodworking, tech ed and arts and crafts. Constructed of maple framing and birch paneling with natural finish. 1-3/4"T maple top can support vises (sold separately). Right end is fitted with 1/4" pegboard and hooks for tool mounting. Supplied with

4" casters and brakes. 2 locking drawers and double locking doors with 1 adjustable shelf.

Stk.	Mfr.	Overall Size	Price
<b>439535</b>	WRB-2	36"W x 22"D x 34"H	<b>WEB</b>



### Callero Plus Treble Cart with 24 Trays

**Gratnells** Cart has ample storage space and 3" casters for added stability. Ideal for transporting your class supplies from place to place. Durable, rigid silver frame for heavy-duty use. StopSafe runner system ensures tray contents remain safe and trays cannot be accidentally pulled out.

Overall size 41-1/2"H x 40"W x 17"D.

**Includes** 24 grass green trays.

Stk.	Mfr.	Trays	Tray Size	Price
<b>430920</b>	SSET0344101010	24	3"H x 12-1/4"W x 16-3/4"D	<b>WEB</b>



### Makerspace Mobile Cart with Trays

**Gratnells** This mobile makerspace cart provides a hands-on way to encourage students to collaborate, invent, design and build their STEM or STEAM activities. Steel frame with heavy duty lockable casters for reliable service. Side and back panels have holes and slots for a wide range of accessories. Tool hangers can be moved and changed to suit many objects.

Overall size 40.4"W x 16.9"D x 62.4"H.

**Includes** 3 deep trays (12.3"W x 16.8"D x 5.9"H), 12 shallow trays (12.3"W x 16.8"D x 2.9"H), 12 green mini bins, roll holder, 5 single hooks and 5 double hooks.

Stk.	Mfr.	Price
<b>430900</b>	MST01440202	<b>WEB</b>



### MakerHub Resource Cart

**Gratnells** Multifunctional resource cart promotes collaborative working in STEAM activities. Mobile cart comes complete with 4 Jolly Lime deep trays and 2 magnetic white boards.

Overall size 27"W x 17"D x 56"H.

Stk.	Mfr.	Price
<b>430910</b>	MST054410	<b>WEB</b>



### Stewart Storage Cart

**CEF** A great addition to your Makerspace, classroom, art class or any other area where you need mobile storage. Dual-sided 10-bin storage. 5" heavy duty, locking swiveling casters. Black.

Overall size 19"W x 25.5"D x 31"H.

**Includes** 10 bins (3"H x 9.25"W x 14.875"L), 24" x 24" peg board and 10-piece hook set.

**Shown with tools and supplies, sold separately.**

Stk.	Mfr.	Price
<b>131700</b>	SSC-10	<b>WEB</b>



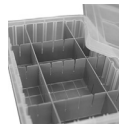
### Stewart Storage Cart Pegboard

**CEF** Keep parts, equipment, materials, and tools neatly organized on your Stewart Storage Cart.

Overall size 24" x 24".

**Shown with tools and supplies, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>131690</b>	PEG	1	<b>WEB</b>



### Stewart Storage Cart Bin Lid

**CEF** Keep parts, equipment, materials, and tools neatly organized in your Stewart Storage Cart Bin.

**Shown with bin and dividers, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>131680</b>	LID	1 lid	<b>WEB</b>



### Open Tote Mobile Cabinet

**Diversified Woodcrafts** Organize daily essentials with clear tote storage that includes 12 small (12-1/4"W x 16-3/4"D x 3"H) and 3 large (12-1/4"W x 16-3/4"D x 6"H) totes. Clear glide and tilt tote tray runners prevent totes from falling out. The wooden pullout drawer (39"W x 20"D x 4"H)

stores larger items. Constructed of solid hardwoods with a chemical resistant, earth-friendly UV finish, rolling on heavy-duty, 4" locking casters. Black plastic laminate top. USA Made.

Overall size 44"W x 24"D x 40"H.

**Includes** 15 totes.

Stk.	Mfr.	Item	Price
<b>154998</b>	4801KI	Oak	<b>WEB</b>
<b>154999</b>	4801MI	Maple	<b>WEB</b>



### Mobile 24-Tote Tray Cabinets

**Diversified Woodcrafts** Organize materials or assign separate storage with this mobile tote tray cabinet with a durable 1" bottom. Cabinet constructed of solid maple and maple veneers. Holds up to 24 totes. 4" locking swivel casters allow the cabinet to be moved easily or just set aside when not needed. Earth-friendly, UV finish.

Overall size 47"W x 22"D x 51"H.

#### Open Cabinet

Stk.	Mfr.	Trays	Tray Size	Price
<b>155942</b>	MTTC-4824M	24	14-1/2" x 19" x 3-1/2"	<b>WEB</b>

#### Cabinet with Locking Doors

Stk.	Mfr.	Trays	Tray Size	Price
<b>155985</b>	MTTC-4824WDM	24	14-1/2" x 19" x 3-1/2"	<b>WEB</b>



### Mobile 24-Tote Tray Storage Cabinet

**Hann** Ideal cabinet for arts and crafts rooms or labs. Constructed of maple framing and panels with 5" locking swivel casters. Natural finish. Hand built 1 at a time. Shipped set-up.

Overall size 48"W x 22"D x 47"H.

#### Open Cabinet

Stk.	Mfr.	Trays	Tray Size	Price
<b>439370</b>	SC-4824	24	13-1/4"W x 19"D x 3-1/2"H	<b>WEB</b>

#### Cabinet w/Locking Doors

Stk.	Mfr.	Trays	Tray Size	Price
<b>439371</b>	SC-4824WD	24	13-1/4"W x 19"D x 3-1/2"H	<b>WEB</b>





### Mobile 12-Tote Tray Cart

**Hann** Sturdy cart features fully welded front and rear steel frames w/caters. Tote tray runners allow trays to be partially opened and accessed without falling out. Cart's lipped top is perfect for transporting additional tote trays and supplies.

Overall size 41"W x 17"D x 29"H.

Stk.	Mfr.	Trays	Tray Size	Price
<b>439325</b>	MSTT-212W	12	16"W x 16"D x 3"H	<b>WEB</b>



### Mobile Robotic Work Bench

**Diversified Woodcrafts** Maple plywood workbench provides 3 separate robot storage compartments each outfitted to accept a combination lock (sold separately). Each compartment has a roll out shelf which holds up to an 18"

square robot and an upper drawer with a customizable foam insert (included) to store tools (not included). The top is ShopTop™, which sandwiches a medium-density fiberboard between 2 layers of 1/2" high density particleboard, creating a non-conductive and splinter proof top 1-1/2" thick. Top extends 8" by raising and locking it in place. Lowering the extension allows the unit to fit through standard doorways. 4 heavy-duty locking casters with weight capacity of 350 lbs. each.

Overall size 72"W x 28"D (36"D extended) x 37"H.

**Shown with supplies, not included.**

**with VEX Logo**

Stk.	Mfr.	Price
<b>155371</b>	VXR-7228M	<b>WEB</b>

**without VEX Logo**

Stk.	Mfr.	Price
<b>155372</b>	XR-7228M	<b>WEB</b>



### Mobile Robotics Storage Cabinet

**Diversified Woodcrafts** Mobile storage cabinet designed to work perfectly to store robots and parts. Cabinet is made of maple plywood and has swinging doors outfitted to accept a combination lock (sold separately). The interior has 2 sections. The left hand section has 2 pull out drawers with full extension glides for storing fully or partially

built robots and 1 adjustable shelf for storing parts. The right hand section has 1 fixed and 4 adjustable shelves. 4 heavy-duty locking casters with weight capacity of 350 lbs. each.

Overall size 50"W x 24"D x 53"H.

**Includes** 10 totes (5 ea. 13-1/2"W x 19"D x 4-1/4"H and 5 ea. 9"W x 19"D x 4-1/4"H).

**Shown with supplies, not included.**

Stk.	Mfr.	Price
<b>155370</b>	VXP-5024M	<b>WEB</b>



### Mobile Project Support Cart

**Hann** Cart provides large storage capacity, mobility and durability for STEM and Maker-space environments. Constructed of a thick solid hard maple face frame and hard maple panels. HPL top (maple grain pattern) with 3mm PVC edge banding. Features 2 locking

drawers (12-3/4"W x 19"D x 3-1/4"H). Lower section includes 2 adjustable shelves. Moves on 4" locking casters.

Overall size: 36"W x 23"D x 30"H

**Includes** 6 tote trays.

Stk.	Mfr.	Item	Price
<b>439380</b>	SPSC-2D2S6T	Cart without Doors	<b>WEB</b>
<b>439381</b>	SPSC-2D2S6T-WD	Cart with Doors	<b>WEB</b>



### Hann Mobile Storage Cabinet

**Hann** Mobile, locking cabinet is ideal for securing classroom supplies. Ruggedly built with front and rear frames that move easily on 4" casters. Constructed of hard maple solids and panels with a natural finish. Cabinet features 3 adjustable shelves. Shipped set-up.

Stk.	Mfr.	Overall Size	Price
<b>439350</b>	SC-200M	48"W x 22"D x 66"H	<b>WEB</b>



### Hann Mobile Storage Cabinet with 8 Tote Trays & Pegboard

**Hann** This mobile cabinet is built to last with front and rear frames that move easily on 4" casters. Constructed of hard maple solids and panels with a natural finish. Includes locking doors. Cabinet features pegboard lining the back of the cabinet, 2 adjustable shelves, 5 medium tote trays, 3 large tote trays and locking doors. Shipped set-up.

**Includes** tote trays and 4" locking casters.

Stk.	Mfr.	Overall Size	Price
<b>439440</b>	TS-200M	48"W x 22"D x 66"H	<b>WEB</b>



### Hann Mobile Storage Cabinet with 24 Tote Trays

**Hann** Heavy-duty build with front and rear frames that move easily on 4" casters. Constructed of hard maple solids and panels with a natural finish. Includes locking doors. Cabinet includes one full-width shelf and 24 tote trays. Shipped set-up.

**Includes** tote trays and 4" locking casters.

Stk.	Mfr.	Overall Size	Price
<b>439352</b>	SC-230TTM	48"W x 22"D x 66"H	<b>WEB</b>





### Extra Large Mobile Cabinet

**Diversified Woodcrafts** Need to move a lot of items at once? This sturdy storage cabinet with 1" bottom can help. Constructed of solid maple and maple veneers. It has 2 fixed and 2 adjustable shelves, concealed behind 2 locking doors with 3-point handle. Unit moves easily on 4" locking, swivel casters. Earth-friendly, UV finish. Shipped set-up.

**Shown with items, not included.**

Stk.	Mfr.	Overall Size	Price
<b>I55875</b>	MSSC-200M	48"W x 22"D x 66"H	<b>WEB</b>



### 2-Shelf, 4-Drawer Storage Cart

**Costway** Unique patented interlocking rail and drawer system prevents shifting off the rails. Molded drawer stops prevent drawer from pushing through back of the cart. 4 multi-colored tapered drawers (13-3/4"L x 9-3/4"W x 5"H) each hold up to 3 lbs. 6 casters (2 locking).

Stk.	Mfr.	Overall Size	Price
<b>I96096</b>	HW54070	15-1/2"D x 25-1/2"W x 32"H	<b>WEB</b>



### 10-Drawer Storage Cart

**Advantus** With wheels that lock, this plastic storage drawer cart is easily portable and can be moved and stationed as needed. Metallic silver frame with plastic drawers (14.5"W x 2.75"D x 10.5"H) in red, orange, green, blue and violet. Four swivel casters (2 locking).

Stk.	Mfr.	Overall Size	Price
<b>I47700</b>	34004	15.25"W x 13"D x 37.63"H	<b>WEB</b>



### Metal Service Cart

**Tennsco** Portable service cart with top and bottom trays to house an assortment of tools and parts. 360° turning with 2 fixed and 2 locking 5" swivel casters. 240 lb. capacity. Assembly required.

Stk.	Mfr.	Overall Size	Price
<b>892660</b>	SC-1630	16"W x 30"D x 32"H	<b>WEB</b>
<b>892661</b>	SC-2436	24"W x 36"D x 32"H	<b>WEB</b>



### Resin Service Carts

**JET** Heavy-duty resin construction resists dents, chips and rust. Handle has built-in storage bins. Rounded corners protect walls and furniture from nicks. 5" quiet, non-marking casters. 550 lb. capacity.

Stk.	Mfr.	Overall Size	Price
<b>485990</b>	PUC-3117	39-3/4"W x 17-1/8"D x 33-1/2"H	<b>WEB</b>
<b>485991</b>	PUC-3725	46"W x 25-5/8"D x 33-1/2"H	<b>WEB</b>

## LOCKERS



### Box Lockers

**Tennsco** Box Lockers are ideal for securely storing small items and athletic gear. Electrostatically-applied Medium Gray gloss paint finish. Heavy-duty welded frame and door, constructed of 16 ga. steel. Steel door reinforcements add rigidity and dampen noise. Rugged padlock hasps, flush louvers and 5-knuckle hinge with secured pin. Assembly required.

**Includes** legs.

**Padlocks sold separately. For user safety, lockers must be secured to the wall and/or floor.**

**12" x 12" x 12" Locker Openings** Overall size 36"W x 12"D.

Stk.	Mfr.	Lockers	Tiers	Sections	Size	Price
<b>892606</b>	BK5-121212-3-MGY	15	5	3	66"H	<b>WEB</b>
<b>892608</b>	BK6-121212-3-MGY	18	6	3	78"H	<b>WEB</b>

**12" x 15" x 12" Locker Openings** Overall size 36"W x 15"D.

Stk.	Mfr.	Lockers	Tiers	Sections	Size	Price
<b>892607</b>	BK5-121512-3-MGY	15	5	3	66"H	<b>WEB</b>
<b>892609</b>	BK6-121512-3-MGY	18	6	3	78"H	<b>WEB</b>



### Built-In Combination Locker Lock

**Master Lock** Designed for lift handle, turn handle and single point latch/box horizontal latch locker doors with hinges on right. Manual deadbolt locking. Secure, easy to dial 3-digit combination. Longer useful life with 5 different pre-set combinations; easily changed to maintain security. Locks are shipped directly from factory.

**Please specify series number if maintaining control with present master key.**

Stk.	Mfr.	Price
<b>I45335</b>	1670	<b>WEB</b>



### Built-In Combination Locker Lock Control Key

**Master Lock** Control Key for Built-In Combination Locker Lock Stk. **I45335**.

Stk.	Mfr.	Qty.	Price
<b>I45402</b>	k1630	1	<b>WEB</b>



### Combination Locks

**Master Lock** BlockGuard® Anti-Shim Technology withstands attempts to violate the latch mechanism. Includes combination chart to facilitate lock system administration. Double-reinforced stainless steel body withstands abuse. Hardened steel shackle for extra cut resistance. 3-number dialing with automatic scrambling feature to prevent re-opening of lock.

**For security reasons, all Master combination locks are shipped direct from factory.**

### Non-Keyed Lock

Stk.	Mfr.	Body	Shackle	Price
<b>I45067</b>	I502	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	<b>WEB</b>

**Keyed Lock** For supervisory access. Keyed Lock does not include Control Key. Please specify series number if trying to maintain control by present master key.

Stk.	Mfr.	Body	Shackle	Price
<b>I45134</b>	I525	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	<b>WEB</b>

### Control Key

Stk.	Mfr.	Body	Shackle	Price
<b>I45000</b>	I525K			<b>WEB</b>



### Keyed Alike Laminated Padlock

**Master Lock** Commercial grade padlocks feature superior protection from drilling and prying. Laminated steel body for superior strength. Hardened steel shackle for superior cut resistant. Dual locking levers provide extra pry resistance. Non-rekeyable cylinder helps prevent picking.

Please specify Series No. if maintaining control w/present master key, may be priced slightly higher.

Stk.	Mfr.	Item	Series No.	Body	Price
<b>144987</b>	7KA	No. 7	P605	1-1/8"W	<b>WEB</b>
<b>144981</b>	3KA	No. 3	3769	1-9/16"W	<b>WEB</b>
<b>144951</b>	1KA	No. 1	2510	1-3/4"W	<b>WEB</b>

## BIN STORAGE SYSTEMS



### Clear-View Ultra Stack and Hang Bin

**Quantum** Injection molded tri-clear polypropylene bin. Front, back and side grips for easy handling. Built-in rear hanger allows bins to hang from louvered panels or rails. Wide stacking ledge and anti-slide lock keep bins steady and prevent shifting. Large molded front label slots for ID labels. Autoclavable up to 250°F. Resistant to extreme cold.

Stk.	Mfr.	Overall Size	Capacity	Price
<b>684660</b>	QUS210CL	5-3/8" x 4-1/8" x 3"	10 lbs.	<b>WEB</b>
<b>684661</b>	QUS220CL	7-3/8" x 4-1/8" x 3"	10 lbs.	<b>WEB</b>
<b>684662</b>	QUS224CL	10-7/8" x 4-1/8" x 4"	30 lbs.	<b>WEB</b>
<b>684663</b>	QUS230CL	10-7/8" x 5-1/2" x 5"	30 lbs.	<b>WEB</b>



### Stack and Hang Bins

**Quantum** Organize inventory with strong injection molded blue polypropylene bins. Front, back and side grips for easy handling. Built-in rear hanger allows bins to hang from louvered panels or rails. Wide stacking ledge and anti-slide lock keep stack

bins steady and prevent shifting. Large molded front label slots for ID labels. Autoclavable up to 250°F and resistant to extreme cold.

Stk.	Mfr.	Overall Size	Price
<b>684650</b>	QUS210	5-3/8" x 4-1/8" x 3"	<b>WEB</b>
<b>684651</b>	QUS220	7-3/8" x 4-1/8" x 3"	<b>WEB</b>
<b>684652</b>	QUS230	10-7/8" x 5-1/2" x 5"	<b>WEB</b>
<b>684653</b>	QUS235	10-7/8" x 11" x 5"	<b>WEB</b>
<b>684654</b>	QUS239	10-3/4" x 8-1/4" x 7"	<b>WEB</b>
<b>684655</b>	QUS240	14-3/4" x 8-1/4" x 7"	<b>WEB</b>
<b>684656</b>	QUS250	14-3/4" x 16-1/2" x 7"	<b>WEB</b>



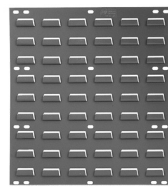
### Ultra Bin Steel Rail

**Quantum** Steel rail mounts to any surface or work bench. Accepts 13 sizes of Ultra Bins and up to 11 bins per rail. Gray.

Size: 48"L x 3"H. Capacity: 125 lbs.

Shown with bins, sold separately.

Stk.	Mfr.	Price
<b>684600</b>	QRU-1W	<b>WEB</b>



### Louvered Panel

**Quantum** Louvered panel will hold all sizes of ultra bins (sold separately). Formed from heavy-duty 16 ga. cold rolled steel with a baked-enamel finish, the system ensures durability and years of heavy-duty use. Gray.

Stk.	Mfr.	Size	Price
<b>684570</b>	QLP-1819	18"L x 19"H	<b>WEB</b>
<b>684571</b>	QLP-3619	36"L x 19"H	<b>WEB</b>



### Louvered Bench Rack

**Quantum** Louvered bench rack holds all sizes of ultra bins (sold separately). Formed from heavy-duty 16 ga. cold rolled steel with a baked-enamel finish, the system ensures durability and years of heavy-duty use. Gray.

Stk.	Mfr.	Price
<b>684550</b>	QBR-2721	<b>WEB</b>



### 3-Shelf Bench Rack with Bins

**Quantum** Pick rack provides an easy access, slope shelving system. Open hopper front bins with label area provides fast access to stored items. Formed from heavy-duty 16 ga. cold rolled steel with a baked-enamel finish. Easy to clean and will not rust or corrode. Gray.

Size: 12.5"W x 36"L x 23"H

Includes 12 yellow bins (11-5/8"L x 8-3/8"W x 4"H).

Stk.	Mfr.	Price
<b>684580</b>	QPRHA-107	<b>WEB</b>



### 7-Shelf Steel Shelving System with Bins

**Quantum** Steel shelving with high density bin storage system includes heavy-duty yellow stack bins with open hopper fronts for easy access. Heavy-duty gray shelving with 400 lb. capacity per shelf. Bins are resistant to extreme cold, autoclavable up to 250°F and include molded ID label slot.

Overall size: 36"L x 12"W x 39"H

Includes bins.

Stk.	Mfr.	Bins	Bin Size	Price
<b>684700</b>	1239-101	48	11-5/8" x 4-1/8" x 4"	<b>WEB</b>
<b>684701</b>	1239-107	24	11-5/8" x 8-3/8" x 4"	<b>WEB</b>



### 13-Shelf Steel Shelving System with Bins

**Quantum** Steel shelving with high density bin storage system includes heavy-duty yellow stack bins with open hopper fronts for easy access. Heavy-duty gray shelving with 400 lb. capacity per shelf. Bins are resistant to extreme cold, autoclavable up to 250°F and include molded ID label slot.

Overall size: 36"L x 12"W x 75"H

Includes bins.

Stk.	Mfr.	Bins	Bin Size	Price
<b>684705</b>	1275-101	96	11-5/8" x 4-1/8" x 4"	<b>WEB</b>
<b>684706</b>	1275-102	60	11-5/8" x 6-5/8" x 4"	<b>WEB</b>



### Mobile Double Sided Louvered Rack

**Quantum** This mobile double-sided unit houses 2 types of ultra-bins. Formed from heavy-duty 16 ga. cold-rolled steel with a gray baked-enamel finish, the system ensures durability and years of heavy use. Yellow bins are resistant to extreme cold, autoclavable up to 250°F and include molded ID label slot. Load capacity 1,200 lbs. Four 5" heavy-duty casters (2 swivel and 2 rigid).

Overall size: 36"L x 25"W x 72"H

Bins: 96 (72 ea. 10-7/8"L x 5-1/2"W x 5"H, 24 ea. 14-3/4"L x 8-1/4"W x 7"L)

**Includes** bins.

Stk.	Mfr.	Bins	Price
<b>684575</b>	QMD-36H-230240	96	<b>WEB</b>

## SMALL PARTS STORAGE



### Portable Organizer

**Stanley** High impact, break resistant crystal clear lid. Unique lid design keeps storage cups locked in place. Removable cup compartments in 3 different sizes. Extra wide handle designed for gloved hands.

Stk.	Mfr.	Size	Bins	Price
<b>841015</b>	014725R	16-1/4"L x 13-1/2"W x 2-1/8"H	25	<b>WEB</b>



### Deep Pro Organizer

**DEWALT** Comes with removable cups to organize various part and tool sizes, and includes a anti-rust metal latch for security. Integrated carry handle, unit is stackable. IP53 Rated water seal.

Stk.	Mfr.	Overall Size	Bins	Price
<b>243434</b>	DWST14825	4-1/2" x 17-1/2" x 14"	10	<b>WEB</b>



### Plastic Drawer Cabinet

**Quantum** Heavy-duty parts storage provides stable stacking and mounting. Durable high impact polypropylene frame with clear polypropylene drawers and bin. Clear drawers come with individual drawer dividers. Drawer stops prevent spills. Textured drawer pulls.

Stk.	Mfr.	Overall Size	Drawers	Price
<b>684525</b>	PDC-12BK	6-1/4" x 10-1/2" x 10-1/4"	12	<b>WEB</b>
<b>684526</b>	PDC-12BK	6-1/4" x 15" x 18-3/4"	18	<b>WEB</b>
<b>684527</b>	PDC-22BK	6-1/4" x 19-1/2" x 10"	22	<b>WEB</b>
<b>684528</b>	PDC-39BK	6-1/4" x 15" x 18-3/4"	39	<b>WEB</b>
<b>684529</b>	PDC-60BK	6-1/4" x 15" x 18-3/4"	60	<b>WEB</b>



### Steel Drawer Storage Unit

**Durham** Prime cold rolled steel construction. Drawers feature interlocking design for superior strength with full width handles and easy glide runners. Each drawer includes 2 easy-to-label dividers. Durable gray powder coat finish. Ships fully assembled.

Stk.	Mfr.	Overall Size (WxDxH)	Drawers	Price
<b>344950</b>	006-95	17-1/4" x 11-11/16" x 21-1/4"	18	<b>WEB</b>
<b>344951</b>	007-95	33-13/16" x 11-11/16" x 14-5/16"	24	<b>WEB</b>



### Steel Parts Cabinet

**Durham** Heavy-duty steel cabinet provides dust-free storage for small parts. Clear, scoop-bottom plastic drawers slide in and out easily and will not crack or break with normal use. Contents can be seen without opening drawers. Keyhole slots allow cabinet to be wall-hung. Constructed of welded cold rolled steel to eliminate twisting or sagging.

Stk.	Mfr.	Overall Size	Drawers	Price
<b>344955</b>	016-95	16-3/4"W x 6-3/8"D x 12"H	20	<b>WEB</b>
<b>344980</b>	317-95	25-7/8"W x 6-3/8"D x 21-3/8"H	64	<b>WEB</b>



### Bin Storage Unit

**Durham** All welded, prime cold rolled steel. Fully hemmed 1-1/8" bin fronts to hold labels and retain parts. Roll-formed sides for increased strength and stability. Sloped shelves for easy removal of contents. Mounting holes are located in both the top and bottom. Durable gray powder coat finish. Ships fully assembled.

Stk.	Mfr.	Overall Size	Openings	Price
<b>345002</b>	349-95	33-7/8"W x 8-1/2"D x 22-1/4"H	40	<b>WEB</b>
<b>345010</b>	363-95	33-7/8"W x 12"D x 42"H	72	<b>WEB</b>

## STORAGE RACKS & SHELVING



### Grip Clip Organizers

**Lehigh** For hanging lawn and garden tools, brooms and mops. Spring steel clips keep original shape.

**Includes** wood screws.

Stk.	Mfr.	Holds	Capacity	Qty.	Price
<b>943185</b>	13200	3/8" to 5/8" dia.	10 lbs.	5	<b>WEB</b>
<b>943184</b>	13201	3/4" to 1-1/8" dia.	25 lbs.	4	<b>WEB</b>



### Wire Spool Rack

**Durham** Prime cold-rolled steel rack with rust and acid-resistant gray baked enamel finish. Polished steel 5/8" dia. rod(s). Keyhole slots for wall mounting. The 4 rods hold up to 10" dia. spools.

Stk.	Mfr.	Overall Size	Price
<b>345013</b>	368-95	26-1/8"W x 5-7/8"D x 36-1/2"H	<b>WEB</b>



### Clamp Rack

**Steelex** Wall-mountable heavy gauge steel racks with durable powdercoat finish. Mounting holes are 16" on-center to fit standard stud spacing. 1/2" mounting slots at 21-3/4" on-center.

**Mounting screws & clamps, sold separately.**

**Pipe Clamps** Fits 1/2" & 3/4" pipe clamps. Holds 9 clamps.

Stk.	Mfr.	Size	Qty.	Price
<b>785776</b>	D4345	24-5/8"L x 4-3/16"D x 3-1/2"H	3	<b>WEB</b>

**Parallel Clamps** Fits most parallel clamps. Holds 12 clamps.

Stk.	Mfr.	Size	Qty.	Price
<b>785777</b>	D4346	24-5/8"L x 3"D x 3-5/16"H	3	<b>WEB</b>

**F-Clamp Racks** Fits most F-clamps. Holds 15 clamps.

Stk.	Mfr.	Size	Qty.	Price
<b>785778</b>	D4347	24-5/8"L x 2-5/8"D x 3-1/4"H	3	<b>WEB</b>





### Mobile Clamp Storage Rack

**Steelex** Clamp Buddy™ can hold over 200 clamps (sold separately) and has the ability to easily store K-bodies, bar clamps and many other types of clamps. It comes with adjustable cross bars that make it useful for any size clamp. Locking swivel casters.

Overall size: 19"W x 51"H (front), 19"W x 42"H (back), legs 25" front to back

Stk.	Mfr.	Price
<b>785722</b>	D3605	<b>WEB</b>



### Lumber Storage Rack System

**Bora** This heavy-duty storage solution is easy to install and is customizable to whatever you need to store. Powder-coated 1" steel tube construction for heavy-duty support. Weight capacity of 110 lbs. per level. Max. mounting between rails is 72".

Stk.	Mfr.	Item	Size	Price
<b>193640</b>	PBR-001	6-Level	41"H x 72"W x 12.5"D	<b>WEB</b>
<b>193641</b>	PBR-004	4-Level	24.5"H x 72"W x 12.5"D	<b>WEB</b>



### Vertical Storage Rack

**Greene** Vertical compartments hold up to 14' length of stock. Bottom rail keeps stock from shifting. 3 vertical shelves 16"W, 3 horizontal shelves 12", 18", 24"D. Shelf capacity is 300 lbs. (weight distributed evenly). Constructed of heavy gauge steel with 11 gauge formed angle supports. Shipped knocked down. Gray.

**Includes** assembly hardware.

**Racks should be anchored to the floor for safety.**

Stk.	Mfr.	Overall Size	Price
<b>433712</b>	EL-277	48"W x 30"D x 95-1/4"H	<b>WEB</b>

Also includes 24" sheet storage compartment.

Stk.	Mfr.	Overall Size	Price
<b>433708</b>	EL-200	48"W x 54-1/2"D x 99"H	<b>WEB</b>



### Lumber/Plywood Storage Rack

**Diversified Woodcrafts** Create your own custom rack to store lumber and plywood. With a minimum of 2 solid maple uprights you begin building the perfect storage solution for your needs. Each upright is 84"H and has five 20" long, 1-1/4" dia. iron pipe arms. As you add uprights, you add storage. Each upright is designed for mounting directly to the wall, but with the optional steel wall spacer brackets (anchored at top and bottom), the rack places the upright 16" from the wall, offering alternate plywood storage.

Overall size 3"W x 20"D x 84"H.

**Shown with Wall Spacer, sold separately.**

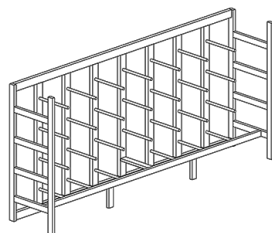
Stk.	Mfr.	Qty.	Price
<b>155012</b>	LR-1WM	1	<b>WEB</b>

### 16" Wall Spacer

**Diversified Woodcrafts** For Lumber/Plywood Storage Rack Mfr. LR-1WM. Steel wall spacer brackets (anchored at top and bottom) hold rack 16" from the wall for plywood storage. Mounting hardware not included.

Overall size 10"W x 16"D x 2"H.

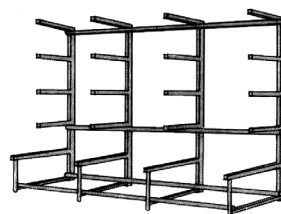
Stk.	Mfr.	Qty.	Price
<b>155013</b>	LR-9SB	2	<b>WEB</b>



### Lumber Storage Rack

**Hann** Solid hard maple frame features sturdy mortise and tenon joints with bolt reinforcement. The unit is self-supporting. Rear uprights are 2" x 4" and each holds four 1" pipe support arms.

Stk.	Mfr.	Overall Size	Price
<b>439315</b>	L-2	156"W x 32"D x 72"H	<b>WEB</b>



### Steel Framed Horizontal Lumber Storage Rack

**Greene** Upright frames feature continuous welded construction of 1-1/4" square tube steel and 4 anti-sway bars 12'L. Four 20"D shelves, one 38"D shelf have a maximum capacity of 400 lbs. (weight evenly distributed). Gray. Assembly required.

**Unit should be secured to the wall for safety.**

Stk.	Mfr.	Overall Size	Price
<b>433618</b>	EL-2	12"W x 41"D x 94"H	<b>WEB</b>



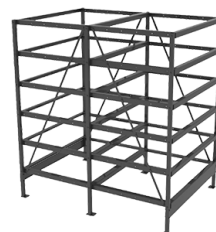
### Side-loading Flat Material Storage Rack

**Greene** Six all-welded, 11 gauge frame shelves have center supports for decking material. Vertical posts are constructed of 11 gauge steel U channel support braces with 3/16" x 2" cross support braces. Shipped knocked down. Gray. 700 lb. maximum capacity per shelf (weight evenly distributed).

**Includes** assembly hardware & floor anchor pads.

**Decking material not included.**

Stk.	Mfr.	Overall Size	Price
<b>433734</b>	EL-664	102"W x 52"D x 72"H	<b>WEB</b>



### End-loading Flat Material Storage Rack

**Greene** Six all-welded frame shelves are designed for storage of plywood and other flat material. Vertical posts are constructed of 1-1/4" square tube steel with 11 gauge u-channel cross support braces. Shipped knocked down. Gray. 500 lb. maximum capacity per shelf.

**Includes** hardware & floor anchor pads.

Stk.	Mfr.	Overall Size	Price
<b>433730</b>	EL-644	72"W x 54-1/2"D x 72"H	<b>WEB</b>





### ESP Shelving

**Tennsco** Lightweight, durable shelving fabricated of cold rolled carbon steel. Exposed edges, corners and surface are free of sharp edges. 22 ga. steel shelves adjust in 1" increments, 16 ga. steel uprights, braces and clips. Load capacity 250 lbs./shelf. Electrostatically-applied Medium Gray gloss paint finish. Assembly required.

Stk.	Mfr.	Overall Size	Price
<b>892625</b>	ESP-1236	36"W x 12"D x 75"H	<b>WEB</b>
<b>892626</b>	ESP-1836	36"W x 18"D x 75"H	<b>WEB</b>
<b>892627</b>	ESP-2436	36"W x 24"D x 75"H	<b>WEB</b>



### Heavy-duty Shelving

**Durham** 12 ga. galvanized steel corner posts with 14 ga. steel shelves with stiffeners welded to bottoms. Each shelf fastens to corner posts (fasteners provided) and adjust on 1" centers. 3,000 lb. capacity per shelf (evenly distributed). Durable textured gray powder coat finish.

**Includes** 5 shelves.

Stk.	Mfr.	Overall Size	Price
<b>345142</b>	HDS-246072-95	60"W x 24"D x 72"H	<b>WEB</b>
<b>345145</b>	HDS-246096-95	60"W x 24"D x 96"H	<b>WEB</b>

## EQUIPMENT



### Ultralight Drawing Board

**Alvin** Ultralight board, unfinished wood veneer surfaces, aluminum side edges, hollow honeycomb interior. Solid wood edges and center cross frame for strength and rigidity. CARB Compliant.

Stk.	Mfr.	Size	Price
<b>196249</b>	LB114	18" x 24"	<b>WEB</b>
<b>196251</b>	LB116	20" x 26"	<b>WEB</b>
<b>196254</b>	LB118	24" x 36"	<b>WEB</b>



### DB-Series Drawing Board

**Pacific Arc** Solid core drawing board features a smooth melamine surface with black band edge. Rounded edges.

Stk.	Mfr.	Size	Price
<b>641112</b>	DB-1218	12" x 18"	<b>WEB</b>
<b>641113</b>	DB-1621	16" x 21"	<b>WEB</b>
<b>641114</b>	DB-1824	18" x 24"	<b>WEB</b>
<b>641115</b>	DB-2026	20" x 26"	<b>WEB</b>



### STP-Series Portable Drawing Board

**Pacific Arc** Solid core drawing board (5/8"T) with a smooth melamine surface. Full comfort handle, fold-out legs and rubber grips to allow close proximity when placed at the very edge of any flat surface. Shipped assembled.

Stk.	Mfr.	Size	Price
<b>641305</b>	STP-1824	18" x 24"	<b>WEB</b>
<b>641306</b>	STP-2026	20" x 26"	<b>WEB</b>



### STB-Series Drawing Board with Parallel Bar

**Pacific Arc** Drawing board features a quality parallel bar mounted to a 5/8" solid core board with a smooth melamine surface. Folding legs and a comfort handle are mounted on the back, allowing for easy transport and use on any level surface. Shipped assembled.

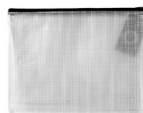
Stk.	Mfr.	Size	Price
<b>641300</b>	STB-1621	16" x 21"	<b>WEB</b>
<b>641301</b>	STB-1824	18" x 24"	<b>WEB</b>
<b>641302</b>	STB-2026	20" x 26"	<b>WEB</b>



### Portable Sketch Board

**Alvin** Made of extra rigid 4mm tempered Masonite with cutout handle, smooth edges and firm spring clips. Rubber band is included with each to hold paper and/or pads securely in place.

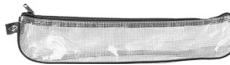
Stk.	Mfr.	Size	Price
<b>196471</b>	SB1516	15-1/2" x 16-1/2"	<b>WEB</b>
<b>196474</b>	SB1819	18" x 19"	<b>WEB</b>



### Vinyl Mesh Bag

**Pacific Arc** Bag is great for everyday use and convenient to hold supplies or artwork for presentation. It's made from heavy-duty vinyl with reinforced mesh with top zipper.

Stk.	Mfr.	Size	Price
<b>641145</b>	FB-1013	10" x 13"	<b>WEB</b>
<b>641146</b>	FB-1216	12" x 16"	<b>WEB</b>
<b>641147</b>	FB-1419	14" x 19"	<b>WEB</b>
<b>641148</b>	FB-1621	16" x 21"	<b>WEB</b>
<b>641150</b>	FB-2026	20" x 26"	<b>WEB</b>



### Vinyl Mesh Tool Case

**Alvin** Durable see-through vinyl case with mesh webbing is perfect for storing pens, pencils and other supplies. 2"W gusset with nylon zipper.

Stk.	Mfr.	Size	Price
<b>196318</b>	NBC8	8"L	<b>WEB</b>
<b>196317</b>	NBC14	14"L	<b>WEB</b>



### Expanding File Folder

**Mead** Durable, 1-pocket folder is ideal for storing loose papers, books, etc. Expands up to 2", top flap and bungee closure keep pages securely in place. Earth Red.

Stk.	Mfr.	Size	Qty.	Price
<b>528780</b>	35240	10" x 15"	1	<b>WEB</b>

## INSTRUMENTS



### 15-Piece Architectural Drafting Set

**Westcott** Quality 15-piece drafting set.

**Includes** mechanical pencil, safety compass, divider, french curve, erasing shield, manual pencil sharpener, single eraser, mini dusting brush, 200 drafting dots, 6" 30°/60° triangle, 4" 45°/90° triangle, 4-3/4" protractor, 6" ruler, 12" architect scale and carrying pouch.

Stk.	Mfr.	Price
<b>189010</b>	16367	<b>WEB</b>



### Student Drafting Kit

**Midwest** Quality beginner drafting kit stored in a durable zippered bag.

**Includes** 12" x 16" mesh bag, 500 drafting dots, 8" 45°/90° orange triangle, 8" 30°/60°/90° orange triangle, dusting brush, 12" architects scale, sandpaper pointer and 6" bow compass.

Stk.	Mfr.	Price
<b>558110</b>	MW-SDK	<b>WEB</b>



### Beginner Drafting Kit

**Pacific Arc** Quality beginner drafting and drawing kit in a durable zippered bag.

**Includes** 12" architect scale, eraser, spring bow compass with leads, erasing shield, pointer pencil with handle, 3 drawing pencils, mesh bag, 10" 30°/60°/90° triangle and 10" 45°/90° triangle.

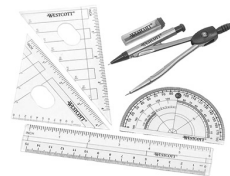
Stk.	Mfr.	Price
<b>641085</b>	KBD-02	<b>WEB</b>



### 5-Piece Geometry Set

**Westcott Includes** 6" ruler, protractor, 45° triangle, 30°/60°/90° triangle and storage pouch.

Stk.	Mfr.	Price
<b>189135</b>	14550	<b>WEB</b>



### 6-Piece Geometry Set

**Westcott**

**Includes** compass, lead refills, 6" ruler, 180° protractor, 45°/90°/45° triangle, 30°/60°/90° triangle & plastic pouch.

Stk.	Mfr.	Price
<b>189128</b>	14564	<b>WEB</b>



### 8-Piece Math Tool Set

**Westcott** Complete plastic tool set for all your math needs.

**Includes** compass, graphite refills, eraser, protractor, ruler, technical pen, 60° triangle and 30° triangle.

Stk.	Mfr.	Price
<b>189136</b>	15890	<b>WEB</b>



### 10-Piece Math Set

**Westcott** Perfect for use in the classroom or at home.

**Includes** metal compass with pencil, metal compass with graphite point, graphite pack, 6" ruler, 45° triangle, 30°/60°/90° triangle, protractor, sharpener, eraser and case.

Stk.	Mfr.	Price
<b>189064</b>	15420	<b>WEB</b>



### 4-1/2" Spring Bow Compass

**Pacific Arc** Single break leg compass features a true steel hoop for longevity and reliability.

Stk.	Mfr.	Price
<b>641190</b>	PA-405C	<b>WEB</b>



### 6" Introductory Bow Compass

**Alvin** Features smooth center wheel adjustment, matte silver zinc legs and durable fiberglass head and leg parts.

**Includes** extra needle point, 2 extra leads and case.

Stk.	Mfr.	Price
<b>196632</b>	201	<b>WEB</b>



### 6" Spring Bow Compass

**Pacific Arc** Traditional spring bow compass features a true steel hoop for longevity and reliability. Center wheel for fine adjustments. Fixed legs for simple, accurate performance.

Stk.	Mfr.	Price
<b>641192</b>	PA-605L	<b>WEB</b>



### 6" Spring Bow Compass Set

**Pacific Arc** Traditional spring bow compass features a true steel hoop for longevity and reliability. Center wheel for fine adjustments.

**Includes** 6" break leg compass, universal adaptor, 6" divider, extension bar and spare parts kit.

Stk.	Mfr.	Price
<b>641193</b>	PA-6050CEX	<b>WEB</b>



### 6" Speed Bow Compass

**Westcott** The must-have tool for your drafting and drawing needs. Made of satin finish metal. Center wheel for fine adjustment.

**Includes** spare leads.

Stk.	Mfr.	Price
<b>189042</b>	DI-890	<b>WEB</b>



### 6" Rapid Bow Compass with Extension Bar

**Pacific Arc** Rapid bow compass with double break legs can be quickly adjusted by simply pulling on the legs or finely adjusted by using the center wheel.

**Includes** 6" compass, universal adapter, spare parts kit, extension bar and ruling pen.

Stk.	Mfr.	Price
<b>641200</b>	PQA-60CEX	<b>WEB</b>



### Traditional 6" Master Bow Compass

**Alvin** Creates 1/8" to 11-1/2" circles. Smooth, center wheel adjustment and matte nickel finish. Capped spindle prevents over-extension.

**Includes** extra needle & leads.

Stk.	Mfr.	Price
<b>196041</b>	604	<b>WEB</b>



### 7-Piece Designer Compass Set

**Westcott** The must have tools for your drafting and drawing needs.

**Includes** compass with leads, compass point, lead sharpener, eraser, mechanical pencil with leads and case.

Stk.	Mfr.	Price
<b>189040</b>	DCS-10	<b>WEB</b>



### 2mm Compass Leads

**Alvin** Convenient refills for standard drawing instruments with presharpended chisel points. 2mm dia. x 3/4"L.

Stk.	Mfr.	Hardness	Qty.	Price
<b>196313</b>	5112-HB	HB	12	<b>WEB</b>
<b>196319</b>	5144-HB	HB	144	<b>WEB</b>
<b>196314</b>	5112-2H	2H	12	<b>WEB</b>
<b>196320</b>	5144-2H	2H	144	<b>WEB</b>



### 6" Friction Divider

**Pacific Arc** Traditional friction divider with self-centering gear-head design. Replaceable needle points.

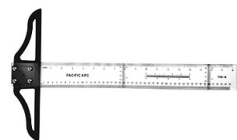
Stk.	Mfr.	Price
<b>641191</b>	PA-6D	<b>WEB</b>



### Wooden T-Square

**Pacific Arc** Solid maple blade with acrylic edges and inking lift, affixed with 5 screws to full-sized wood head. Transparent acrylic edges permits better visibility to surface underneath.

Stk.	Mfr.	Size	Qty.	Price
<b>641400</b>	TSQ-18	18"	1	<b>WEB</b>
<b>641401</b>	TSQ-24	24"	1	<b>WEB</b>
<b>641402</b>	TSQ-30	30"	1	<b>WEB</b>
<b>641403</b>	TSQ-36	36"	1	<b>WEB</b>



### Clear Acrylic T-Square

**Pacific Arc** Constructed from heavy clear acrylic with a graduated blade (inch/metric) and detachable head. The blade can be used separately as a straight edge and ruler.

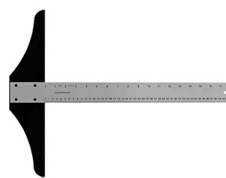
Stk.	Mfr.	Size	Qty.	Price
<b>641390</b>	TCE-18	18"	1	<b>WEB</b>
<b>641391</b>	TCE-24	24"	1	<b>WEB</b>
<b>641392</b>	TCE-30	30"	1	<b>WEB</b>
<b>641393</b>	TCE-36	36"	1	<b>WEB</b>



### Stainless Steel Graduated T-Square

**Alvin** Spring-tempered 1-1/2" wide stainless steel blade. Top edge graduations in inches with 1/32" divisions. Lower edge graduations in metric.

Stk.	Mfr.	Size	Price
<b>195980</b>	AST18	18"	<b>WEB</b>
<b>195981</b>	AST24	24"	<b>WEB</b>
<b>195982</b>	AST30	30"	<b>WEB</b>
<b>195983</b>	AST36	36"	<b>WEB</b>



### Aluminum T-Square

**Pacific Arc** Aircraft-grade aluminum blade T-square with 12" wide high-impact plastic head.

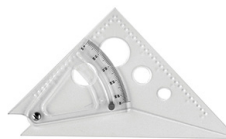
Stk.	Mfr.	Size	Qty.	Price
<b>641060</b>	ATQ018	18"	1	<b>WEB</b>
<b>641061</b>	ATQ024	24"	1	<b>WEB</b>
<b>641062</b>	ATQ030	30"	1	<b>WEB</b>
<b>641063</b>	ATQ036	36"	1	<b>WEB</b>



### Stainless Steel T-Square

**Pacific Arc** High quality stainless steel with a solid metal head and hanging hole.

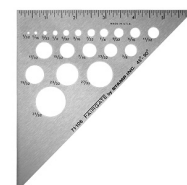
Stk.	Mfr.	Size	Qty.	Price
<b>641290</b>	SSTQ-18	18"	1	<b>WEB</b>
<b>641291</b>	SSTQ-24	24"	1	<b>WEB</b>
<b>641292</b>	SSTQ-30	30"	1	<b>WEB</b>
<b>641293</b>	SSTQ-36	36"	1	<b>WEB</b>



### 8" Adjustable Triangle

**Westcott** Transparent triangle permits tracing of angles from zero to 90°. Inner graduations on arc give degrees of one angle while the outer row of figures gives the degrees of the complimentary angle.

Stk.	Mfr.	Size	Angle	Qty.	Price
<b>189580</b>	AT-8	8"	45°/90°	1	<b>WEB</b>



### Aluminum Triangle

**Alvin** Durable lightweight, satin-finish triangle resists stains, tarnishing. 90° angle (1/16" graduations). Use as circle template (1/16" to 1-3/8").

Stk.	Mfr.	Price
<b>196026</b>	AT245-6	<b>WEB</b>



### C-Series Clear Triangles

**Pacific Arc** Transparent triangle is created from pure acrylic. The edges will not break down or feather like inferior polystyrene triangles, making it an even greater value. Plain edge.

Stk.	Mfr.	Size	Angle	Qty.	Price
<b>640942</b>	2030C-6	6"	30°/60°	1	<b>WEB</b>
<b>640943</b>	2030C-8	8"	30°/60°	1	<b>WEB</b>
<b>640940</b>	2030C-10	10"	30°/60°	1	<b>WEB</b>
<b>640941</b>	2030C-12	12"	30°/60°	1	<b>WEB</b>
<b>640947</b>	2045C-6	6"	45°/90°	1	<b>WEB</b>
<b>640948</b>	2045C-8	8"	45°/90°	1	<b>WEB</b>
<b>640945</b>	2045C-10	10"	45°/90°	1	<b>WEB</b>
<b>640946</b>	2045C-12	12"	45°/90°	1	<b>WEB</b>





### 8" Acrylic Triangle Set

**Pacific Arc** Scholastic triangles with protractor and french curve cut-out. Inch and metric graduations.

Stk.	Mfr.	Size	Price
<b>641395</b>	TR-8W	8" 30°/60°, 8" 45°/90°	<b>WEB</b>
<b>641396</b>	TR-10W	10" 30°/60°, 10" 45°/90°	<b>WEB</b>
<b>641397</b>	TR-12W	12" 30°/60°, 12" 45°/90°	<b>WEB</b>



### Transparent Triangle Set

**Alvin** Economical drafting tool features professional-quality, molded 0.08" polystyrene and built-in finger lifts to make handling easier. Supplied in poly bag with hanging hole.

Stk.	Mfr.	Size	Price
<b>196004</b>	AS1012	6" 45°/60°, 8" 30°/60°	<b>WEB</b>
<b>196013</b>	AS680	8" 45°/60°, 10" 30°/60°	<b>WEB</b>
<b>196014</b>	AS810	10" 45°/60°, 12" 30°/60°	<b>WEB</b>



### Smoke Tint Triangle

**Pacific Arc** Made of pure acrylic, the edges will not break down or feather. Subtle topaz tint, finger lifts in cut-out, inking edge.

Stk.	Mfr.	Size	Angle	Qty.	Price
<b>640935</b>	2030TG-8	8"	30°/60°	1	<b>WEB</b>
<b>640936</b>	2030TG-10	10"	30°/60°	1	<b>WEB</b>
<b>640937</b>	2045TG-8	8"	45°/90°	1	<b>WEB</b>
<b>640938</b>	2045TG-10	10"	45°/90°	1	<b>WEB</b>



### Fluorescent Orange Triangle

**Pacific Arc** Made from thick pure acrylic, the edges will not break down or feather like inferior polystyrene triangles, making them an even greater value. Fluorescent orange for easy locating on any surface. Plain edge.

Stk.	Mfr.	Size	Angle	Qty.	Price
<b>640930</b>	2030F-8	8"	30°/60°	1	<b>WEB</b>
<b>640931</b>	2030F-10	10"	30°/60°	1	<b>WEB</b>
<b>640932</b>	2045F-8	8"	45°/90°	1	<b>WEB</b>
<b>640933</b>	2045F-10	10"	45°/90°	1	<b>WEB</b>



### Mini Semicircular Protractor

**Westcott** Translucent plastic with cutout center. Clearly stamped 1° graduations.

Stk.	Mfr.	Size	Qty.	Price
<b>189060</b>	3751	3-1/2"	1	<b>WEB</b>



### Clear Semicircular Protractor

**Westcott** Clear vinyl with cut-out center and clearly divided graduations. 5° graduation.

Stk.	Mfr.	Size	Qty.	Price
<b>189150</b>	11200	6"	1	<b>WEB</b>



### 6" Semi-Circular Protractor

**Pacific Arc** 180° protractor is made from pure clear acrylic to ensure long life and value. Graduations are etched onto the surface to prevent wearing off.

Stk.	Mfr.	Size	Qty.	Price
<b>641212</b>	P-6S	6"	1	<b>WEB</b>



### 6" Solid Center Semi-Circle Protractor

**Westcott** Calibrated in 1/2" scale with centimeter scale along the lower edge. Translucent protractor is laminated for durability.

Stk.	Mfr.	Size	Qty.	Price
<b>189062</b>	376-M	6"	1	<b>WEB</b>



### Circular Protractor

**Pacific Arc** Professional 360° protractor is made from pure clear acrylic to ensure long life. Graduations are etched onto the surface to prevent wearing off.

Stk.	Mfr.	Size	Qty.	Price
<b>641210</b>	P-4F	4"	1	<b>WEB</b>
<b>641211</b>	P-6F	6"	1	<b>WEB</b>



### 8-1/2" French Curve

**Westcott** Heavy weight clear plastic with smooth double-beveled inking edges.

Stk.	Mfr.	Price
<b>189600</b>	FC-342	<b>WEB</b>



### 3-Piece French Curve Set

**Westcott** Heavy weight clear plastic with smooth double-beveled inking edges.

**Includes** 5-1/2", 6-1/2" and 12-1/2".

Stk.	Mfr.	Price
<b>189620</b>	KT-8	<b>WEB</b>



### 8-Piece French Curve Set

**Westcott** 8 of the most popular full size french curves. Heavy weight clear plastic with smooth double-beveled inking edges.

Stk.	Mfr.	Price
<b>189603</b>	FC-8	<b>WEB</b>

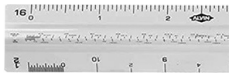
## RULING & MEASURING



### 12" Economy Triangular Scale

**Pacific Arc** Triangular scale made of high quality plastic promises strength and demonstrates long-lasting calibers.

Stk.	Mfr.	Item	Color	Length	Price
<b>641000</b>	91120	Architect	White	12"	<b>WEB</b>
<b>641001</b>	91121	Engineer	White	12"	<b>WEB</b>
<b>641015</b>	91300-B	Inch/Metric	White	12"	<b>WEB</b>
<b>641004</b>	91125	Mechanical	White	12"	<b>WEB</b>



### Architect Triangular Scale

**Alvin** Made from durable, premium plastic material, this white scale has a soft, satin finish and tapered edges for comfort and ease of use. The sharp, easy-to-read graduations are wear-resistant and include English and metric measurements up to 12". Provides accurate and reliable measurements for students learning architecture, engineering and mechanical drafting.

Type: Architect. Color: White. Graduations: 3/32", 3/16", 1/8", 1/4", 1/2", 1", 3/8", 3/4", 1.5", 3" to the foot; one edge to 16ths.

Stk.	Mfr.	Color	Length	Qty.	Price
<b>196400</b>	110P	White	12"	1	<b>WEB</b>



### Professional Architect Triangular Scale

**Pacific Arc** Slender core triangular scales feature precise etched graduations. Graduations: Open divided: 3/32"-1", 1H, and 3" to the foot. Fully divided: 16 parts to the inch.

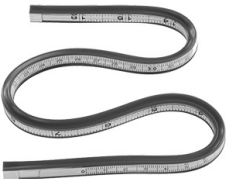
Stk.	Mfr.	Color	Length	Qty.	Price
<b>641017</b>	92122	Yellow	12"	1	<b>WEB</b>



### Color-coded Architect Triangular Scale

**Pacific Arc** Triangular scale provides precise graduations etched on premium white color-coded plastic for exact performance. Graduations: Open divided: 3/32, 3/16, 1/8, 1/4, 3/8, 1/2, 3/4, 1, 1H, and 3 inch to the foot, Fully divided: 16 parts to the inch.

Stk.	Mfr.	Color	Length	Qty.	Price
<b>641030</b>	95120	White	12"	1	<b>WEB</b>

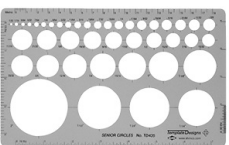


### Flexible Inking Edge Curve

**Pacific Arc** Shatterproof ruler constructed of soft plastic can be folded to save space. Multi-use ruler can be used to measure straight-line distances and arcs. Durable high quality material, the ruler's texture is soft and cannot be easily broken.

Stk.	Mfr.	Length	Price
<b>641140</b>	FXCG-12	12"	<b>WEB</b>
<b>641141</b>	FXCG-24	24"	<b>WEB</b>

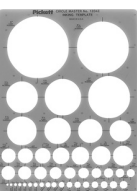
## TEMPLATES



### Circles Template

**Alvin**

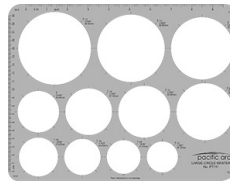
Stk.	Mfr.	Circles	Size Range	Size	Price
<b>196300</b>	TD435	42	1/32" - 2"	5" x 8" x .030"	<b>WEB</b>
<b>196612</b>	TD1200	39	1/16" - 1-3/8"	4" x 7-1/4" x .030"	<b>WEB</b>



### Circle Master 1204i Template

**Pickett** Template includes 44 circles ranging in size from 1/16" to 3" in diameter.

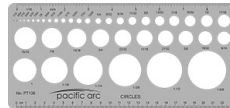
Stk.	Mfr.	Circles	Size Range	Size	Price
<b>196226</b>	1204i	44	1/16" - 3"	7" x 9-1/4"	<b>WEB</b>



### Large Circle Master Template

**Pacific Arc** Circle guide template with 11 circles from 1-1/2" to 3-1/2".

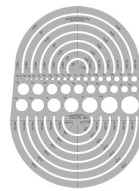
Stk.	Mfr.	Circles	Size Range	Price
<b>641215</b>	PT111	11	1-1/2" - 3-1/2"	<b>WEB</b>



### Small Circle Master Template

**Pacific Arc** 40 small circles from 1/32" to 1-5/8".

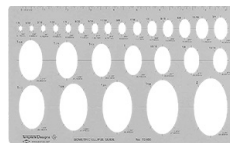
Stk.	Mfr.	Circles	Size Range	Price
<b>641216</b>	PT138	40	1/32" - 1-5/8"	<b>WEB</b>



### Circle Radius Master Template

**Pacific Arc** Contains 48 circle and radii cutouts to draw circles from 3/64" to 7-1/2".

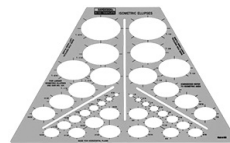
Stk.	Mfr.	Circles	Size Range	Price
<b>641218</b>	PT154	48	3/64" - 7-1/2"	<b>WEB</b>



### 27 Isometric Ellipses Template

**Alvin**

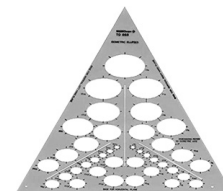
Stk.	Mfr.	Ellipses	Size Range	Size	Price
<b>196621</b>	TD400	27	1/8" to 2"	6-1/8" x 10" x .030"	<b>WEB</b>



### 38 Isometric Ellipses Template

**Rapidesign** Contains 38 ellipses of 35°, 16 from 1/8" to 1-9/16".

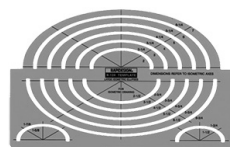
Stk.	Mfr.	Size Range	Size	Price
<b>196628</b>	R123	1/8" to 1-9/16"	6-5/8" x 11-1/4" x .030"	<b>WEB</b>



### 39 Isometric Ellipses Template

**Alvin**

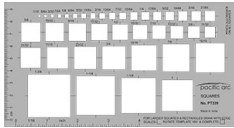
Stk.	Mfr.	Size Range	Size	Price
<b>196156</b>	TD868	1/8" to 1-3/4"	11-3/8" x 11-3/8" x .025"	<b>WEB</b>



### 25 Large Isometric Ellipses Template

**Rapidesign** Contains 12 isometric ellipses with axes from 1-1/2" to 2" in increments of 1/8" and from 2" to 7" increments of 1/4".

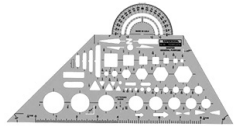
Stk.	Mfr.	Size Range	Size	Price
<b>196629</b>	R124	1-1/2" to 7"	6-1/16" x 9-7/8" x .030"	<b>WEB</b>



### 39 Squares Template

**Pacific Arc**

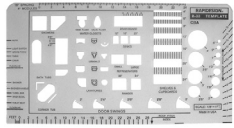
Stk.	Mfr.	Size Range	Size	Price
<b>641225</b>	PT339	1/16" to 1-3/8"	4" x 7-1/2"	<b>WEB</b>



### Master General Purpose Template

**Rapidesign** Circles, squares, hexagons, triangles, arrows, rectangles, and brackets. Edge scales in 10ths and 16ths, lettering guide, 3" protractor, and 30°, 60°, 90°, and 35° angles.

Stk.	Mfr.	Size Range	Size	Price
<b>196118</b>	R18	1/16" to 1"	5-1/2" x 10-1/4" x .030"	<b>WEB</b>



### CBA Architectural

**Rapidesign** Edge scale, circles, door swings, kitchen and lavatory fixtures, shelves, cupboards and roof pitch index.

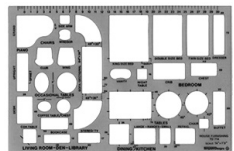
Stk.	Mfr.	Scale	Size	Price
<b>196135</b>	R33	1/8" = 1'	3-3/4" x 6-1/4" x .030"	<b>WEB</b>



### House Furnishings Template

**Pacific Arc** Template contains dimensional furniture for kitchen, dining room, bedroom and living room.

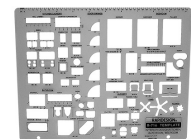
Stk.	Mfr.	Scale	Price
<b>641220</b>	PT251	1/4" = 1'	<b>WEB</b>



### Furniture Template

**Alvin** Furniture pieces for living and dining rooms, den, library, bedroom and kitchen.

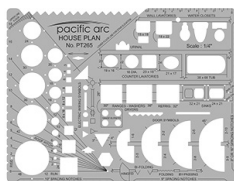
Stk.	Mfr.	Scale	Size	Price
<b>196144</b>	TD714	1/4" = 1"	5-5/8" x 8-5/8" x .030"	<b>WEB</b>



### Interior Design Kitchen, Bathroom and Bedroom Template

**Rapidesign** For planning interior design of kitchen, laundry, bathroom and bedroom.

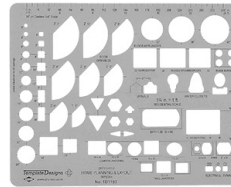
Stk.	Mfr.	Scale	Size	Price
<b>196639</b>	R716	1/4" = 1 foot	11" x 8-1/2" x .020"	<b>WEB</b>



### House Plan Template

**Pacific Arc** Contains plumbing fixtures, kitchen appliances, door and electric symbols and roof pitch gauge.

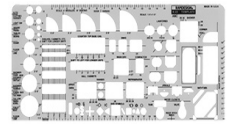
Stk.	Mfr.	Scale	Price
<b>641221</b>	PT265	1/4" = 1'	<b>WEB</b>



### Home Planning & Layout Template

**Alvin** Contains lavatory and kitchen fixtures, and door swings.

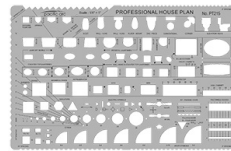
Stk.	Mfr.	Scale	Size	Price
<b>196608</b>	TD1150	1/4" = 1"	5-1/2" x 7" x .030"	<b>WEB</b>



### House Plan Fixtures Template

**Rapidesign** Door swings, kitchen and lavatory fixtures, ANSI symbols, circles, floor elevation indicator and roof pitch index.

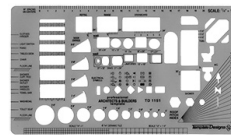
Stk.	Mfr.	Scale	Size	Price
<b>196062</b>	R22	1/4" = 1 foot	4-3/8" x 9-1/2" x .030"	<b>WEB</b>



### Pacific Arc Professional House Plan Template

**Pacific Arc** Contains door swings, kitchen and lavatory fixtures, ANSI symbols, circles, floor elevation indicator, and roof pitch index.

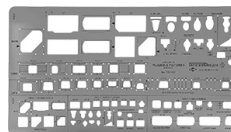
Stk.	Mfr.	Scale	Price
<b>641219</b>	PT215	1/4" = 1'	<b>WEB</b>



### Architects & Builders Template

**Alvin** Contains circles, rectangles, lavatory and kitchen fixtures, roof pitch index, tile layout gauge, door swings, floor elevation indicator, and electrical symbols.

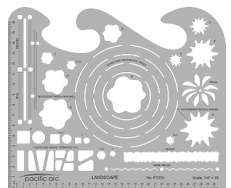
Stk.	Mfr.	Scale	Size	Price
<b>196609</b>	TD1151	1/4" = 1"	5-1/8" x 9-1/4" x .030"	<b>WEB</b>



### Plumbing Fixtures Template

**Alvin**

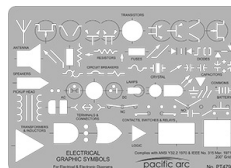
Stk.	Mfr.	Scale	Size	Price
<b>196615</b>	TD1190	1/8", 1/4"	5-1/8" x 9-3/4" x 3/100"	<b>WEB</b>



### Landscape Template

**Pacific Arc** Contains various symbols for landscape design.

Stk.	Mfr.	Scale	Price
<b>641222</b>	PT270	1/4" = 1" foot	<b>WEB</b>



### Electrical Graphic Symbols Template

**Pacific Arc** For electrical and electronic diagrams. Contains electronic tubes, capacitors, circuit breakers, resistors, relays, switches, logic symbols, etc. Complies with ANSI Y32.2 1970 and IEEE No. 315 Mar. 1971. Designed for .200" grid.

Stk.	Mfr.	Price
<b>641223</b>	PT479	<b>WEB</b>



#### 4-Piece Lettering Stencil Templates

**Alvin** Four lettering stencils in various sizes offering different characters and includes additional lowercase letters and other standard symbols such as punctuation marks and basic mathematical symbols.

Sizes: 1/4", 3/8", 3/4", 1-1/8"

Stk.	Mfr.	Price
<b>196122</b>	LS44	<b>WEB</b>



#### 4-Piece Letter Stenciling Guides

**Westcott** Smooth die-cut edges provide a sharp outline for tracing. The non-glare plastic stencil guides make letter alignment a snap.

**Includes** 4 templates of uppercase letter/numbers with assorted fonts (1/4", 1/2", 3/8", 7/8").

Stk.	Mfr.	Price
<b>188950</b>	02145	<b>WEB</b>



#### Modern Bold Lettering Template

**Pacific Arc** Contains upper case letters and numerals.

Stk.	Mfr.	Scale	Price
<b>641224</b>	PT726	1/8", 3/16", 1/4"	<b>WEB</b>



#### Ames Universal Lettering Guide

**Pacific Arc** A uniquely designed instrument combining a rotating disk with an indexed rim for adjusting letter height or establishing cross-hatch marks. English and metric line spacing.

Stk.	Mfr.	Price
<b>196165</b>	100-0410	<b>WEB</b>

## PENCILS & MARKERS



#### Collegiate 2mm Lead Holder

**Pacific Arc** With the Click-Advance feature, lead advances one click at a time instead of simply falling out. Features a lead degree indicator, a pointer inside the cap and a pocket clip.

Stk.	Mfr.	Color	Size	Qty.	Price
<b>641165</b>	H-1301BLK	Black	2 mm	1	<b>WEB</b>
<b>641166</b>	H-1301AQU	Aqua Blue	2 mm	1	<b>WEB</b>



#### Tech Pro 2mm Lead Holder

**Pacific Arc** Precise and smooth retractable lead with built-in adjuster lead indicator helps you attain your ideal point and grade. Features knurled metal grip, hexagonal barrel, degree indicator, pocket clip and lead pointer in the cap.

**Includes** 2mm lead.

Stk.	Mfr.	Color	Size	Qty.	Price
<b>641159</b>	H-1305BLU	Blue	2mm	1	<b>WEB</b>



#### 2mm Premium Graphite Refill Leads

**Pacific Arc** Made of dense, smooth graphite of the highest quality, making them ideal for architectural rendering, sketching and drawing. 2mm leads.

Stk.	Mfr.	Hardness	Qty.	Price
<b>641230</b>	R-25-2H	2H	12	<b>WEB</b>
<b>641231</b>	R-25-4H	4H	12	<b>WEB</b>
<b>641232</b>	R-25-6H	6H	12	<b>WEB</b>
<b>641233</b>	R-25-H	H	12	<b>WEB</b>
<b>641234</b>	R-25-HB	HB	12	<b>WEB</b>



#### Draft-Matic Mechanical Pencil

**Alvin** Knurled stainless steel finger grips for very low or high grip preferences, rotating lead degree windows, and cushion point to make writing control comfortable and beautifully balanced.

**Includes** lead and storage pouch.

Stk.	Mfr.	Size	Color	Qty.	Price
<b>196152</b>	DM03	0.3 mm	Yellow	1	<b>WEB</b>
<b>196153</b>	DM05	0.5 mm	Black	1	<b>WEB</b>
<b>196154</b>	DM07	0.7 mm	Green	1	<b>WEB</b>
<b>196155</b>	DM09	0.9 mm	Brown	1	<b>WEB</b>



#### Traditional Mechanical Pencil

**Pacific Arc** Pencil features classic knurled plastic grip, pocket clip and eraser under cap. High quality graphite included.

Stk.	Mfr.	Size	Color	Qty.	Price
<b>641116</b>	DP-05	0.5 mm	Black	1	<b>WEB</b>
<b>641117</b>	DP-07	0.7 mm	Blue	1	<b>WEB</b>
<b>641118</b>	DP-09	0.9 mm	Yellow	1	<b>WEB</b>



#### Champ® Mechanical Pencil

**Pentel** Features a soft, latex-free Comfort Zone™ grip for nonstop writing comfort and control. Large eraser with pocket clip, 0.5mm lead produces crisp, fine lines of consistent density.

Stk.	Mfr.	Color	Size	Qty.	Price
<b>337000</b>	AL15A	Black	0.5 mm	1	<b>WEB</b>



#### Hi-Polymer Resin Refill Leads

**Pacific Arc** Composed of dense, smooth graphite of the highest quality, making them ideal for all graphite applications from rendering to sketching and drawing. Hi-Polymer resin-refill leads engineered for maximum strength and performance.

Stk.	Mfr.	Size	Hardness	Qty.	Price
<b>641170</b>	ML05-2H	0.5 mm	2H	24	<b>WEB</b>
<b>641171</b>	ML05-4H	0.5 mm	4H	24	<b>WEB</b>
<b>641172</b>	ML05-6H	0.5 mm	6H	24	<b>WEB</b>
<b>641173</b>	ML05-H	0.5 mm	H	24	<b>WEB</b>
<b>641174</b>	ML05-HB	0.5 mm	HB	24	<b>WEB</b>
<b>641175</b>	ML07-2H	0.7 mm	2H	24	<b>WEB</b>
<b>641176</b>	ML074H	0.7 mm	4H	24	<b>WEB</b>
<b>641177</b>	ML07-H	0.7 mm	H	24	<b>WEB</b>
<b>641178</b>	ML07-HB	0.7 mm	HB	24	<b>WEB</b>
<b>641179</b>	ML09-2H	0.9 mm	2H	18	<b>WEB</b>
<b>641180</b>	ML09-H	0.9 mm	H	18	<b>WEB</b>
<b>641181</b>	ML09-HB	0.9 mm	HB	18	<b>WEB</b>



## Graphite Pencils



**Pacific Arc** Exceptionally smooth, creamy leads made of premium graphite. Quad barrel design for a secure, comfortable grip.

Stk.	Mfr.	Hardness	Qty.	Price
<b>641126</b>	ART12-6B	6B	12	<b>WEB</b>
<b>641125</b>	ART12-HB	HB	12	<b>WEB</b>
<b>641123</b>	ART12-F	F	12	<b>WEB</b>
<b>641124</b>	ART12-H	H	12	<b>WEB</b>
<b>641120</b>	ART12-2H	2H	12	<b>WEB</b>
<b>641121</b>	ART12-4H	4H	12	<b>WEB</b>
<b>641122</b>	ART12-6H	6H	12	<b>WEB</b>



## Premier® Graphite Drawing Set

**Prismacolor** This set of high-quality graphite pencils includes turquoise pencils for drawing and shading, woodless pencils for broad coverage, and water-soluble pencils for flowing textures.

**Includes** 7 turquoise pencils (6H, 4H, 2H, B, 2B, 6B, 8B), 4 woodless pencils (2B, 4B, 6B, 8B) 3 water-soluble pencils (HB, 4B, 8B), vinyl eraser, kneaded rubber eraser, steel sharpener and sanding board.

Stk.	Mfr.	Price
<b>452750</b>	24261	<b>WEB</b>



## Charcoal Pencils

**Pacific Arc** Smooth, grit-free charcoal leads produce very black, creamy, intense shades. Quad barrel design offers a secure, comfortable grip. Premium graphite pencils made with non-toxic materials are versatile and easy to erase.

Stk.	Mfr.	Hardness	Qty.	Price
<b>641090</b>	CHP-12S	Soft	12	<b>WEB</b>
<b>641091</b>	CHP-12M	Medium	12	<b>WEB</b>
<b>641092</b>	CHP-12H	Hard	12	<b>WEB</b>
<b>641093</b>	CHP-12	Soft, Medium, Hard	12	<b>WEB</b>
<b>641094</b>	CHP-6	Soft, Medium, Hard	6	<b>WEB</b>



## EverStrong No. 2 Pencils

**Paper Mate** These woodcase pencils feature reinforced, break-resistant lead when writing, so they need less sharpening and last longer. 100% latex-free erasers.

Stk.	Mfr.	Qty.	Price
<b>196545</b>	2065456	12	<b>WEB</b>



## No. 2 Pencils with Eraser

**Dixon** A high-quality woodcase #2 yellow pencil at an economical price. 100% real wood and quality graphite core, latex-free eraser and PMA certified non-toxic.

Stk.	Mfr.	Qty.	Price
<b>620700</b>	14412	144	<b>WEB</b>



## 12-Pack Colored Pencils

**Crayola** Brilliant color selection with smooth, non-scratch color. Thicker leads ensure more break-free drawing. Pre-sharpened points stay sharp longer and sharpen easier. Assorted colors. AP Certified non-toxic.

**Includes** red, red-orange, orange, yellow, yellow-green, green, sky blue, blue, violet, light brown, brown and black.

Stk.	Mfr.	Price
<b>337020</b>	68-4012	<b>WEB</b>



## 24-Pack Colored Pencils

**Crayola** Brilliant color selection with smooth, non-scratch color. Thicker leads ensure more break-free drawing. Pre-sharpened points stay sharp longer and sharpen easier. Assorted colors. AP Certified non-toxic.

**Includes** mahogany, red, red orange, orange, yellow orange, golden yellow, yellow, yellow green, jade green, green, aqua green, sky blue, light blue, blue, violet, magenta, pink, peach, tan, light brown, brown, black, gray and white.

Stk.	Mfr.	Price
<b>337021</b>	68-4024	<b>WEB</b>



## Prismacolor® Premier 12-Color Pencil Set

**Prismacolor** Thick, soft leads made with permanent pigments are smooth, slow wearing, blend-able, water-resistant and light-fast.

**Includes** canary yellow, orange, crimson red, violet, violet blue, true blue, apple green, grass green, sienna brown, dark brown, black, white and tin case.

Stk.	Mfr.	Price
<b>196000</b>	3696THT	<b>WEB</b>



## Prismacolor® Premier 24-Color Pencil Set

**Prismacolor** Thick, soft leads made with permanent pigments are smooth, slow wearing, blend-able, water-resistant and light-fast.

**Includes** canary yellow, Spanish orange, goldenrod, orange, poppy red, crimson red, mulberry, pink, peach, parma violet, violet, violet blue, true blue, light cerulean blue, indigo blue, apple green, true green, grass green, dark green, sienna brown, Tuscan red, dark brown, black, white and tin case.

Stk.	Mfr.	Price
<b>196001</b>	3597THT	<b>WEB</b>

## SHARPENERS



## iPoint® AURA Battery Pencil Sharpener

**Westcott** Perfect for medium duty use in the office or classroom. Proprietary Titanium Bonded Blade technology keeps blades sharper longer. EZ-view shavings reservoir allows you to see when the iPoint® needs emptying. Assorted colors.

**Requires 4 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>189061</b>	17319	<b>WEB</b>



## XLR Electric Pencil Sharpener

**X-Acto** Break-resistant electric pencil sharpener with Pencil Saver feature prevents oversharpener. SafeStart motor stops shaving when bin is removed. Works great on colored pencils.

Stk.	Mfr.	Price
<b>477501</b>	1818X	<b>WEB</b>



## School Pro® Sharpener

**X-Acto** Sharpener produces a safe, rounded pencil point. Adjustable 6-position guide. Automatic stop prevents over-sharpening. Heavy-duty, quiet-running motor. Easy-to-empty XL shaving bin.

Stk.	Mfr.	Price
<b>477400</b>	1670	<b>WEB</b>



### KS™ Manual Pencil Sharpener

**X-Acto** Positive-lock pencil guide for 8 different sizes. Die-cast metal base with steel shavings receptacle. Includes screws for mounting on desktop or wall.

Stk.	Mfr.	Price
<b>477000</b>	I031	<b>WEB</b>



### Ranger 55® Pencil Sharpener

**X-Acto** Heavy-duty unit has dual hardened helical cutters. Adjustable pencil guide for 8 different sizes. Beige metal stand. Mounts on desktop or on wall. Mounting screws included.

Stk.	Mfr.	Price
<b>476980</b>	I001	<b>WEB</b>



### Model L Pencil Sharpener

**X-Acto** Heavy-duty, traditional Model L pencil sharpener mounts easily onto any horizontal surface. Single entry slot accommodates most standard-size pencils. Large chrome receptacle for shavings. Black handle and base.

Stk.	Mfr.	Price
<b>477050</b>	I041	<b>WEB</b>



### Pencil/Crayon Sharpener

**Acme** Kleencut® pencil/crayon sharpener. Dual-hole metal sharpener with plastic container for shavings.

Stk.	Mfr.	Price
<b>I89220</b>	I2202	<b>WEB</b>



### Rotary Lead Pointer

**Pacific Arc** Compact unit features steel cutting blades, lead taper guides on top along with a cleaning pad.

**Includes** extra cleaning pads.

Stk.	Mfr.	Price
<b>640905</b>	I110	<b>WEB</b>



### Sandpaper Lead Pointer

**Pacific Arc** Makes any 2mm lead or drawing pencil the sharpest point possible. Allows for custom tapers, shapes and points. 12 sandpaper sheets per pad.

Stk.	Mfr.	Qty.	Price
<b>641280</b>	SDP-10	I	<b>WEB</b>



### Sandpaper Lead Pointers

**Alvin** Ideal for pointing pencils, leads, charcoal and crayons by hand. Twelve sheets of sandpaper mounted on a wooden handle.

Stk.	Mfr.	Qty.	Price
<b>I96596</b>	3435	12	<b>WEB</b>

## ERASERS & SUPPLIES



### Art Gum® Erasers

**Prismacolor** Eraser is great for getting rid of any unwanted smudges or smears. Its block-shape whittles away to leave a fine powder that dry cleans the surface by picking up graphite and dirt.

Stk.	Mfr.	Qty.	Price
<b>I96599</b>	73030	12	<b>WEB</b>



### Red Cap Erasers

**Paper Mate** Traditional chisel-shape eraser is designed to fit all standard-sized pencils.

Stk.	Mfr.	Qty.	Price
<b>I96595</b>	73015	144	<b>WEB</b>



### Eraser Pencil Toppers

**Westcott** Smudge free and latex free eraser pencil toppers in assorted colors.

Stk.	Mfr.	Qty.	Price
<b>I89129</b>	I4891	12	<b>WEB</b>



### Magic Rub Drafting Erasers

**Sanford** Specially designed for removing marks from drafting film and tracing paper. White vinyl will not mark, smudge drafting surface.

Stk.	Mfr.	Qty.	Price
<b>I96553</b>	73201	12	<b>WEB</b>



### Pink Pearl Erasers

**Sanford** Soft, pliable for smudge-free erasing on most surfaces. Beveled at both ends.

Stk.	Mfr.	Size	Qty.	Price
<b>I96547</b>	70520	2-1/2" x 3/4"	24	<b>WEB</b>
<b>I96548</b>	70521	2-1/2" x 1"	12	<b>WEB</b>



### Soft White Plastic Erasers

**Pacific Arc** The soft white plastic eraser will not mar or tear even the finest engineering vellum. Soft plastic material allows for strength and effectiveness.

Stk.	Mfr.	Qty.	Price
<b>640900</b>	E-103D	20	<b>WEB</b>



### White Latex Free Erasers

**Westcott** 100% latex free for smudge free, clean corrections.

Stk.	Mfr.	Qty.	Price
<b>189133</b>	14610	2	<b>WEB</b>



### White Vinyl Pencil Erasers

**Alvin** Non-abrasive, self-cleaning, phthalate- and latex-free eraser removes graphite from paper, vellum and film without ghosting.

Stk.	Mfr.	Qty.	Price
<b>196228</b>	1410AE	20	<b>WEB</b>



### Pen-style Clic Eraser

**Pentel** Nonabrasive white vinyl eraser in pen-style holder can be advanced easily as it wears.

Stk.	Mfr.	Price
<b>196597</b>	ZE21BP	<b>WEB</b>

### Pen-style Clic Eraser Refills

**Pentel** Refill Erasers for Pentel Click Eraser Mfr. ZE21BP.

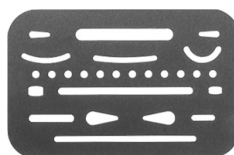
Stk.	Mfr.	Qty.	Price
<b>196598</b>	ZER2BP	2	<b>WEB</b>



### Dry Cleaning Pad

**Pacific Arc** The pad holds pulverized gum eraser granules that are released upon squeezing. Won't leave a smudge; perfect for complicated layering.

Stk.	Mfr.	Size	Qty.	Price
<b>641100</b>	CL-10	Small	1	<b>WEB</b>
<b>641110</b>	CL-30	Large	1	<b>WEB</b>



### Erasing Shield

**Pacific Arc** Made of high quality .005" flexible stainless steel with 26 precision tooled apertures. For precise and controlled erasing. Polished finish resists tarnishing.

Stk.	Mfr.	Price
<b>641135</b>	ER-26	<b>WEB</b>



### Horsehair Dusting Brush

**Pacific Arc** Made from horsehair, this brush is the perfect cleaning tool for any work space. Long-lasting bristles can be easily cleaned.

Stk.	Mfr.	Length	Price
<b>641128</b>	BR-210	10"	<b>WEB</b>
<b>641129</b>	BR-214	14"	<b>WEB</b>

## ADHESIVES & TAPE



### Magic Scotch Tape

**3M Scotch** Magic transparent tape with plastic dispenser. The original matte finish invisible tape. Write on it with pen, pencil or marker.

Stk.	Mfr.	Width	Length	Price
<b>943163</b>	119	1/2"	800"	<b>WEB</b>
<b>943164</b>	104	1/2"	450"	<b>WEB</b>



### Double-Sided Tape

**Pacific Arc** Tape features an extremely thin roll of double-stick tape with peel-off liner. Strong adhesive, ideal for adhering vinyl board cover to all surfaces.

Stk.	Mfr.	Size	Price
<b>640849</b>	075-3603W	3/4" x 36 yd.	<b>WEB</b>
<b>640854</b>	100-2501W	1" x 25'	<b>WEB</b>
<b>640853</b>	100-3603W	1" x 36 yd.	<b>WEB</b>



### Low Tack Drafting Tape

**Pacific Arc** Drafting tape recommended for use on all paper and vellum. This pH neutral tape features a specially formulated adhesive, strong enough to securely hold paper and vellum to the drawing surface and gentle enough to be easily removed without damaging the surface.

Stk.	Mfr.	Size	Price
<b>640850</b>	075-10	3/4" x 10 yd.	<b>WEB</b>
<b>640851</b>	075-60	3/4" x 60 yd.	<b>WEB</b>
<b>640852</b>	100-60	1" x 60 yd.	<b>WEB</b>



### 1/2" Drafting Tape

**Alvin** Premium drafting tape features a smooth, low tack surface that allows T-squares and triangles to glide over drawings without hanging up. These drafting tapes will leave no stain, sticky residue, or abraded surface when removed.

Stk.	Mfr.	Size	Price
<b>196276</b>	2300-A	1/2" x 60 yd.	<b>WEB</b>



### Drafting Dots

**Pacific Arc** Drafting Dots are circular adhesives that have reduced tack for easy lifting off delicate vellum and paper to reduce damage to the surface. Low tack dots will not leave any residue on any surface.

Stk.	Mfr.	Qty.	Price
<b>641131</b>	DOT500	500	<b>WEB</b>

## STAPLER



### Impulse Drive™ Electric Stapler

**Bostitch** Classic black, 25 sheet capacity stapler with No-Jam™ technology eliminates frustrating staple jams. Refill alert light indicates when to reload staples. FastLoad™ push-button staple refill system. 210 staple capacity.

Uses standard staples. Mfr.'s 7-yr. limited warranty. UL Listed.

Stk.	Mfr.	Price
<b>838505</b>	02210	<b>WEB</b>



### 1/4" Standard Staples

**Bostitch** These chisel point staples work well in any standard stapler and can hold up to 28 sheets together. Comes in full strips of 210 staples.

Stk.	Mfr.	Size	Qty.	Price
<b>437005</b>	1901	1/4"	5,000	<b>WEB</b>

## PAPER



### Guillotine Paper Trimmers

**X-Acto** Slice through pages quickly by using this commercial grade square guillotine paper trimmer. It features a self-sharpening blade and is designed for high-volume use. Cut perfect lines through up to 20 pages safely and easily by using this trimmer, which features a grid with

metric and Imperial measurements and a blade guard for safe storage.

Stk.	Mfr.	Size	Price
<b>476970</b>	26615	15" x 15"	<b>WEB</b>
<b>476971</b>	26618	18" x 18"	<b>WEB</b>
<b>476972</b>	26624	24" x 24"	<b>WEB</b>
<b>476973</b>	26630	30" x 30"	<b>WEB</b>



### Banner Paper Roll

**Elmer's** Banner paper for murals, collages, finger painting, table covers and craft projects. Schools can use it to create homecoming banners and event posters to display your school's pride. Acid Free.

Stk.	Mfr.	Color	Size	Price
<b>258120</b>	W321128	White	24" x 75'	<b>WEB</b>



### Sketch Pad

**Pacon** White sketch pad ideal for use with dry media. Tape bound with a sturdy chipboard back. Acid free and recyclable.

Stk.	Mfr.	Size	Qty.	Price
<b>620540</b>	P2348	9" x 12"	100 sheets	<b>WEB</b>



### Card Stock

**Pacon** Acid and lignin free card stock is made from heavyweight 65 lb. recyclable, buffered paper. Create greeting cards, postcards, report covers, memory books, flyers, announcements, rubber stamping and more.

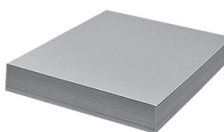
Stk.	Mfr.	Color	Size	Qty.	Price
<b>620469</b>	P101188	Classic White	8-1/2" x 11"	100	<b>WEB</b>
<b>620470</b>	P101189	Assorted	8-1/2" x 11"	100	<b>WEB</b>



### Heavyweight White Drawing Paper

**Pacon** Excellent quality heavyweight paper with medium tooth is perfect for all types of dry media. Acid free and recyclable.

Stk.	Mfr.	Color	Size	Qty.	Price
<b>620570</b>	P4809	White	9" x 12"	500	<b>WEB</b>
<b>620573</b>	P4812	White	12" x 18"	500	<b>WEB</b>
<b>620578</b>	P4818	White	18" x 24"	500	<b>WEB</b>



### Heavyweight Gray Drawing Paper

**Pacon** Excellent quality heavyweight paper with medium tooth texture is perfect for all types of dry media. Acid free and recyclable.

Stk.	Mfr.	Color	Size	Qty.	Price
<b>620500</b>	P104090	Gray Bogus	12" x 18"	250	<b>WEB</b>
<b>620501</b>	P104091	Gray Bogus	18" x 24"	250	<b>WEB</b>



### Cross Section Drawing Paper

**Pacific Arc** 20 lb. basis, acid-free, versatile layout bond, printed with a non-reproducible blue grid on one side with inch squares accentuated. Smooth, opaque surface suitable for pencil or ink.

Stk.	Mfr.	Item	Size	Qty.	Price
<b>196252</b>	I422-04	8x8 Grid	8-1/2" x 11"	50	<b>WEB</b>
<b>196654</b>	I420-04	8x8 Grid	8-1/2" x 11"	100	<b>WEB</b>
<b>196403</b>	I422-09	8x8 Grid	11" x 17"	50	<b>WEB</b>
<b>196656</b>	I420-09	8x8 Grid	11" x 17"	100	<b>WEB</b>
<b>196406</b>	I422-14	8x8 Grid	17" x 22"	50	<b>WEB</b>
<b>196250</b>	I422-02	4x4 Grid	8-1/2" x 11"	50	<b>WEB</b>
<b>196653</b>	I420-02	4x4 Grid	8-1/2" x 11"	100	<b>WEB</b>
<b>196402</b>	I422-07	4x4 Grid	11" x 17"	50	<b>WEB</b>
<b>196655</b>	I420-07	4x4 Grid	11" x 17"	100	<b>WEB</b>
<b>196405</b>	I422-12	4x4 Grid	17" x 22"	50	<b>WEB</b>
<b>196657</b>	I420-12	4x4 Grid	17" x 22"	100	<b>WEB</b>



### Graphing Paper

**Pacon**

Stk.	Mfr.	Size	Qty.	Price
<b>620630</b>	PMMK09273	8" x 10-1/2"	80	<b>WEB</b>





### Isometric Sketching Paper

**Alvin** 20 lb. basis, acid-free, versatile layout bond, printed with a non-reproducible blue grid on one side. Isometric grid of evenly spaced lines at 30°, 90°, and 120°, for drawing 3-dimensional objects rotated at 45°.

Stk.	Mfr.	Size	Qty.	Price
<b>196342</b>	1242-1	8-1/2" x 11"	30	<b>WEB</b>
<b>196332</b>	1242-5	8-1/2" x 11"	100	<b>WEB</b>
<b>196343</b>	1242-2	11" x 17"	30	<b>WEB</b>
<b>196333</b>	1242-6	11" x 17"	100	<b>WEB</b>



### Ruled Composition Paper

**Pacon** Smooth white bond paper has 1/2" quadrille rules on both sides and can be recycled when finished.

Stk.	Mfr.	Size	Qty.	Price
<b>620631</b>	PRWC851155Q	8-1/2" x 11"	500	<b>WEB</b>



### Isometric Fade-Out Design and Sketch Vellum

**Clearprint** 100% cotton paper boasts acid-free archival quality, strength and erasability without ghosting. Use with pencil, ink, fine art materials and traditional drafting products; also printable in laser and ink jet printers. 30° isometric faint blue grid is non-reproducible when scanned or photocopied.

Stk.	Mfr.	Size	Qty.	Price
<b>292100</b>	10005410	8-1/2" x 11"	50	<b>WEB</b>
<b>292110</b>	10205710	8-1/2" x 11"	500	<b>WEB</b>
<b>292102</b>	10005416	11" x 17"	50	<b>WEB</b>
<b>292112</b>	10205716	11" x 17"	500	<b>WEB</b>



### 100% Cotton Plain Rag Vellum

**Pacific Arc** Industry standard 16 lb. weight for maximum strength and transparency. Made from 100% new cotton rag, stands up to repeated erasures, will not ghost.

Stk.	Mfr.	Size	Qty.	Price
<b>640920</b>	116V-8511C	8-1/2" x 11"	100	<b>WEB</b>
<b>640921</b>	116V-0912C	9" x 12"	100	<b>WEB</b>
<b>640922</b>	116V-1117C	11" x 17"	100	<b>WEB</b>



### Tracing Paper Pad

**Pacon** Standard grade translucent tracing paper in pad format. Recyclable.

Stk.	Mfr.	Size	Qty.	Price
<b>620490</b>	P103914	9" x 12"	40 sheets	<b>WEB</b>



### Chipboard

**Borden & Riley** This single-ply pH-neutral sheet is often used as a mounting board for handmade book covers and art projects.

Stk.	Mfr.	Size	Qty.	Price
<b>292050</b>	CHIK851150	8-1/2" x 11"	50	<b>WEB</b>
<b>292051</b>	CHIK091250	9" x 12"	50	<b>WEB</b>
<b>292052</b>	CHIK111450	11" x 14"	50	<b>WEB</b>
<b>292053</b>	CHIK141750	14" x 17"	50	<b>WEB</b>



### White Tracing Paper Roll

**Pacific Arc** Semi-transparent tracing paper is ideal for making copies or transferring drawings from one surface to another. 8 lb. Acid free.

Stk.	Mfr.	Size	Price
<b>196392</b>	55W-C	18" x 20 yd.	<b>WEB</b>
<b>196393</b>	55W-D	24" x 20 yd.	<b>WEB</b>
<b>196394</b>	55W-E	30" x 20 yd.	<b>WEB</b>



### Bright White Opaque Bond Plotter Paper

**Clearprint** Creates a high-contrast background for reading. Economical for quick check plots. Use for HP, Encad, NovaJet and CalComp plotters (black only). 20 lb.

Stk.	Mfr.	Size	Price
<b>196337</b>	33101131	24" x 50 yd.	<b>WEB</b>
<b>196341</b>	33101152	36" x 50 yd.	<b>WEB</b>



### Clearprint 20# Opaque Bond Plotter Paper

**Clearprint** For short run projects that do not require the superior handling characteristics of vellum. Provides a bright, high contrast white media for reprographic check plots and spot color applications. Recommended for HP, Encad, NovaJet and CalComp plotters (black only).

Stk.	Mfr.	Size	Qty.	Price
<b>292149</b>	33201522	18" x 24"	100	<b>WEB</b>
<b>292150</b>	33201528	24" x 36"	100	<b>WEB</b>



### 24 lb. Inkjet Bond Paper

**HP** See the ColorPRO difference with this FSC®-certified bond paper. Enjoy striking colors, crisper text and graphics, and higher-contrast blacks for professional quality results at production speed. Ideal for CAD, AEC, GIS

segments, PSPs printing posters and presentations, and POP and retail displays.

Stk.	Mfr.	Size	Price
<b>833600</b>	CI860A	24" x 150'	<b>WEB</b>
<b>833601</b>	CI861A	36" x 150'	<b>WEB</b>

## FIRST AID



### 129-Piece Unitized First Aid Kit

**First Aid Only** With enough materials to serve 50 people, this first aid kit has a carrying handle and can be wall mounted.

**Includes** CPR face shield, scissors, first aid tape, first aid guide, hand sanitizer packets, adhesive fabric bandages, fingertip bandages, knuckle fabric bandages, antibiotic ointment packets, infection control wipes, antiseptic towelettes, first aid/burn cream packets, burn dressing, hydrocortisone anti-itch packets, sting relief wipes, cold pack, nitrile exam gloves, sterile gauze pads, triangular bandage, eyewash, trauma pad and conforming gauze rolls.

Stk.	Mfr.	Persons	Pieces	Price
<b>189148</b>	90600	50	129	<b>WEB</b>

### First Aid Kit

**First Aid Only** Kit contains economic bulk supplies that can be readily accessed when needed. Ideal for manufacturing settings where a wide variety of first aid items are required. Metal case. ANSI/ISEA Z308.1-2015 Class A Kit compliant.

Stk.	Mfr.	Persons	Pieces	Price
<b>189145</b>	90561	25	141	<b>WEB</b>
<b>189146</b>	90564	50	183	<b>WEB</b>



### Bulk First Aid Kit

**First Aid Only** Kit contains economic bulk supplies that can be readily accessed when needed. Ideal for manufacturing settings where a wide variety of first aid items are required. Metal case. Weather proof. ANSI/ISEA Z308.1-2015 compliant.

Stk.	Mfr.	Persons	Pieces	Price
<b>189145</b>	90561	25	141	<b>WEB</b>
<b>189146</b>	90564	50	183	<b>WEB</b>



### 113-Piece First Aid Kit

**Acme** Stores a variety of supplies to treat cuts, scrapes, bruises, minor eye irritations and minor burns. Dust and moisture resistant molded case. Built-in handle. Wall mountable.

**Includes** 50 alcohol pads, 50 adhesive bandages, (3/4" x 3"), 1 instant cold pack, 2 antibiotic packets, 2 burn cream packets, 1 conforming gauze roll (2"), 1 first aid tape roll, 1 pair latex gloves, scissors, plastic tweezers & first aid guide.

Stk.	Mfr.	Persons	Pieces	Price
<b>189261</b>	25001	25	113	<b>WEB</b>



### 494-Piece First Aid Kit

**First Aid Only** This first aid kit includes pre-packaged unitized boxes of first aid supplies and a storage case made of steel. The storage case has 3 shelves to hold supplies, a handle for transportation, and mount slots for mounting the case on a wall or other flat vertical surface.

**Includes** antiseptic towelettes, extra-strength non-aspirin tablets, triple cut adhesive tape roll, first aid guide, burn spray, antiseptic spray, scissors, tweezers, heavy woven knuckle fabric bandages, hema-seal trauma pad, nitrile exam gloves, nitrile exam gloves, cotton tipped applicators, sterile gauze pads, triangular bandage, sterile gauze bandage, elastic bandage wrap, eyewash, sterile eye cup, eye pads and strips, heavy woven fabric bandages, first aid/burn cream packets, triple antibiotic ointment packets, alcohol wipes and cold pack.

Stk.	Mfr.	Persons	Pieces	Price
<b>189287</b>	6155	100	494	<b>WEB</b>



### 694-Piece First Aid Kit

**Physicians Care** Contains a variety of high quality products to care for the following: cuts and scrapes, eye irritations, personal discomfort, minor burns, sprains, strains and bruises. Compliant with ANSI standard Z308.1. Meets or exceeds Federal OSHA Regulation 1910.151b.

Stk.	Mfr.	Persons	Pieces	Price
<b>189273</b>	50000-001	50	694	<b>WEB</b>



### Bloodborne Pathogen and Bodily Fluid Spill Kit

**First Aid Only** This bodily fluid spill kit is designed for bio-hazard clean-up and is intended for schools, offices and work sites that require this kind of protection. Includes a complete head-to-toe defense package for fluid pick-up necessities and against bio-hazardous contaminants.

**Includes** bio-hazard bags and scoop, bodily fluid pick-up guide, antiseptic towelettes, clear plastic bags, disposable clean-up towels, disposable gown, disposable shoe covers, eye and face shield, fluid control solidifier pack, germicidal wipes, nitrile exam gloves and twist ties.

Stk.	Mfr.	Pieces	Price
<b>189293</b>	214-U/FAO	24	<b>WEB</b>



### Latex-Free Plastic Bandages

**First Aid Only** Ideal for minor cuts, abrasions, and puncture wounds. Made with a pliable vinyl, each bandage is ventilated to aid in natural healing. Size 3/4" x 3".

Stk.	Mfr.	Qty.	Price
<b>189050</b>	G155	100	<b>WEB</b>



### Fire/First Aid Blanket

**Steiner** Durable gray wool blanket can be used to smother flames and cover injured victims. Blanket stores in a bright red Fyr-Glo™, weather-resistant nylon pouch. Heavy duty carrying handle is attached to tote pouch.

**Meets 16 CFR Part 1610 standard for flame retardant use.**

Stk.	Mfr.	Size	Price
<b>884885</b>	BTPCO	5' 2" x 6' 8"	<b>WEB</b>



### Fire Blanket with Cabinet

**Sellstrom** White fiberglass, heat-resistant blanket to cover the fire, or to wrap around a person whose clothes are on fire. Protects for excursion temperatures to 1000°F. Chemical resistant red steel cabinet is wall-mountable (15"H x 15"W x 2"D) and designed to protect blanket from common exposure.

Stk.	Mfr.	Size	Price
<b>772740</b>	S97457	5' x 6'	<b>WEB</b>



### Back Support Belt

**Bucket Boss** Easy sliding adjustable clips, elastic outer panels are easily adjustable for even more lower back support.

Stk.	Mfr.	Size	Price
<b>683322</b>	56002	Medium 32" to 38"	<b>WEB</b>
<b>683320</b>	56000	Large 38" to 47"	<b>WEB</b>

## PROTECTIVE CLOTHING



### Long Sleeve Coats

**Red Kap** Durable 80% polyester/20% cotton 5-button coat endures industrial laundering wash after wash. Left exterior chest pocket with backtacked pencil stall and 2 lower exterior pockets. Side vent openings allow access to clothing. Navy Blue.

**Not fireproof.**

Stk.	Mfr.	Size	Price
<b>578100</b>	KPI4-NV-36	36	<b>WEB</b>
<b>578101</b>	KPI4-NV-38	38	<b>WEB</b>
<b>578102</b>	KPI4-NV-40	40	<b>WEB</b>
<b>578103</b>	KPI4-NV-42	42	<b>WEB</b>
<b>578104</b>	KPI4-NV-44	44	<b>WEB</b>
<b>578105</b>	KPI4-NV-46	46	<b>WEB</b>
<b>578106</b>	KPI4-NV-48	48	<b>WEB</b>
<b>578107</b>	KPI4-NV-50	50	<b>WEB</b>
<b>578108</b>	KPI4-NV-52	52	<b>WEB</b>



### Cotton Aprons

**Steiner** 2-pocket, 9 oz. cotton denim bib style apron. Floating pencil pocket on chest will not spill contents when wearer bends at waist. Includes neck and waist ties.

**Not fireproof.**

Stk.	Mfr.	Size	Qty.	Price
<b>885098</b>	02935	28" x 35"	1	<b>WEB</b>
<b>885099</b>	02940	29" x 40"	1	<b>WEB</b>



### Vinyl Lab Apron

**River City** Made from high quality 8 mil. virgin vinyl. Resistant to fats, oils, chemicals & abrasions. Sewn edge. Adjustable ties. Blue.

**Not fireproof.**

Stk.	Mfr.	Size	Qty.	Price
<b>618715</b>	073S4	35" x 45"	1	<b>WEB</b>



### Canvas Loop-Neck Bib Apron

**CLC** Traditional 36" blue cotton canvas work apron with 3 pockets helps keep you clean and organized.

Stk.	Mfr.	Size	Price
<b>943423</b>	BS60	29" to 46"	<b>WEB</b>

## HAND SANITIZER & DISPENSER



### Disinfecting Wipes

**Clorox** Disinfecting wipes that kill 99.9% of viruses and bacteria, including E. coli, Salmonella, SARS-CoV-2 (the virus that causes COVID-19), Staph, Strep, and more. Count on these powerful disinfecting wipes for daily classroom cleanup to keep your students safe. EPA-registered. Prevents bacteria growth for up to 24 hours.

Stk.	Mfr.	Size	Price
<b>943573</b>	01628	75 ct.	<b>WEB</b>



### Hand Sanitizer Pump Spray

**Blaster Chemical** Blaster Hand Sanitizer is an alcohol antiseptic 80% non-sterile, topical solution. It is recommended for use to help reduce bacteria that can potentially cause disease.

Stk.	Mfr.	Size	Price
<b>249000</b>	8-HS-SPRY	8.5 fl. oz.	<b>WEB</b>



### Instant Hand Sanitizer

**Purell** Kills 99.9% of germs on hands, including Staphylococcus aureus, Escherichia coli and Staphylococcus epidermis. Fragrance-free, dye-free gel formulation.

Stk.	Mfr.	Size	Price
<b>968073</b>	9652-12	8 oz.	<b>WEB</b>



### Motion-Activated Hand Sanitizer with Stand

**Diversified** Essential for today's public spaces, this motion-activated hand sanitizer unit includes the stand and dispenser. The stand is suitable for indoor and outdoor use, with a durable powder-coated base and mounting plate to withstand the elements. Easy to assemble and move, the dispenser mounts on the stand with a universal mounting plate that fits most dispensers, and can be mounted either with theft resistant screws, or by 2-sided tape (not included).

Size 15-3/4"W x 11-3/4"D x 49-1/2"H. Weight 24 lbs.

**Includes** 1000ml refillable plastic bottle and hardware.

**Hand sanitizer is not included.**

**Requires 4 C batteries, sold separately.**

Stk.	Mfr.	Price
<b>154988</b>	260000	<b>WEB</b>

## GLOVES

### Cotton/Poly Jersey Work Gloves

**Forney** Cotton/polyester jersey glove, slip-on cuff, 1-piece palm with no seam at the base of the finger.



Stk.	Mfr.	Size	Price
<b>409920</b>	53297	Small/Medium	<b>WEB</b>
<b>409921</b>	53299	Large/X-Large	<b>WEB</b>

### Hi-Viz Knit Dip Gloves

**Radians** 15-ga. high visibility nylon shell. Elastic cuff for comfortable, slip-on fit. Micro-foam dipped latex palm provides durability and slip-free grip.



Stk.	Mfr.	Size	Price
<b>687841</b>	RWG10M	Medium	<b>WEB</b>
<b>687842</b>	RWG10L	Large	<b>WEB</b>

### Synthetic Leather Work Gloves

**DEWALT** All purpose synthetic leather glove with a reinforced padded palm to provide superior toughness and comfort. Reinforced ToughGrip™ thumb saddle provides greater protection and toughness. Streamlined elastic cuff combined with hook and loop closure ensures a secure fit. Breathable spandex back hand stretches for maximum comfort, fit and ventilation.



Stk.	Mfr.	Size	Price
<b>687830</b>	DPG20M	Medium	<b>WEB</b>
<b>687831</b>	DPG20L	Large	<b>WEB</b>
<b>687832</b>	DPG20XL	X-Large	<b>WEB</b>

### Cowhide Leather Work Gloves

**Forney** Split cowhide leather palm, index finger, thumb and finger tips. Cotton canvas back. Reinforced knuckle strap gives added protection. Full leather heel adds protection for the wrist, and longevity to the rubberized cuff.



Stk.	Mfr.	Size	Qty.	Price
<b>409915</b>	53203	Large	6	<b>WEB</b>

### Leather Palm Work Gloves

**Adenna** Shoulder-split leather on palm, thumb, index finger, fingertips and knuckle strap with soft palm lining. Safety cuff style features gunn cut pattern with wing thumb, pull tab and rubberized cuffs.



Stk.	Mfr.	Size	Price
<b>885000</b>	GWLPEGI	Large	<b>WEB</b>

### Premium AB Grade Leather Gloves

**DEWALT** Split leather palm patch provides added durability. Elastic wrist for a secure, comfortable fit. ToughThread™ Double Stitching provides extra durability. Keystone Thumb provides a comfortable fit.



Stk.	Mfr.	Size	Price
<b>687803</b>	DPG32L	Large	<b>WEB</b>

### Select Shoulder Cowhide Leather Palm Gloves

**DEWALT** Reinforced fingertips, double leather palm and thumb provides superior toughness. Wing thumb for comfortable fit. 2-1/2" rubberized safety cuff. Split cowhide leather knuckle strap and ToughThread™ double stitching.



Stk.	Mfr.	Size	Price
<b>687822</b>	DPG41L	Large	<b>WEB</b>

### ProWorks® Latex-free Powder-free Clear Vinyl Gloves

**Adenna** An excellent alternative for those with latex allergies, these gloves are designed as a single-use, general protection glove with a beaded cuff.



Stk.	Mfr.	Size	Qty.	Price
<b>120280</b>	GL-VI03FS	Small	100	<b>WEB</b>
<b>120281</b>	GL-VI03FM	Medium	100	<b>WEB</b>
<b>120282</b>	GL-VI03FL	Large	100	<b>WEB</b>
<b>120283</b>	GL-VI03FX	X-Large	100	<b>WEB</b>

### ProWorks® Latex-free Powder-free Blue Nitrile Gloves

**Adenna** These gloves are made from synthetic rubber or butadiene. The beaded cuff combined with textured fingers and palm provide excellent comfort and feel. Ideal for any general purpose or industrial application.



Stk.	Mfr.	Size	Qty.	Price
<b>120240</b>	GL-NBI07FM	Medium	100	<b>WEB</b>
<b>120241</b>	GL-NBI07FL	Large	100	<b>WEB</b>
<b>120242</b>	GL-NBI07FX	X-Large	100	<b>WEB</b>

### ProWorks® Latex-Free Lightly Powdered Clear Vinyl Gloves

**Adenna** These Adenna ProWorks® Clear Vinyl Industrial Lightly Powdered Disposable Gloves provide an excellent alternative for people with latex allergies. This general protection glove also has a beaded cuff.



Stk.	Mfr.	Size	Qty.	Price
<b>120290</b>	GL-VI03PS	Small	100	<b>WEB</b>
<b>120291</b>	GL-VI03PM	Medium	100	<b>WEB</b>
<b>120292</b>	GL-VI03PL	Large	100	<b>WEB</b>
<b>120293</b>	GL-VI03PX	X-Large	100	<b>WEB</b>





### ProWorks® Powder-free Natural Latex Gloves

**Adenna** These disposable gloves come in a natural white color and are 9-1/2" in length and 5 mil thickness. They provide excellent protection in non-medical environments and a comfortable fit.

**Caution: Natural latex may cause allergic reactions in some individuals.**

Stk.	Mfr.	Size	Qty.	Price
<b>I20220</b>	GL-L105FS	Small	100	<b>WEB</b>
<b>I20221</b>	GL-L105FM	Medium	100	<b>WEB</b>
<b>I20222</b>	GL-L105FL	Large	100	<b>WEB</b>
<b>I20223</b>	GL-L105FX	X-Large	100	<b>WEB</b>



### ProWorks® Black Nitrile Powder-Free Gloves

**Adenna** Standard length heavy-weight gloves have micro-textured palm and fingers and beaded cuff. Latex free and non-sterile. Use for medium- to heavy-duty applications. ASTM D6319 and FDA compliant.

Stk.	Mfr.	Size	Qty.	Price
<b>I20230</b>	GL-N107FM	Medium	100	<b>WEB</b>
<b>I20231</b>	GL-N107FL	Large	100	<b>WEB</b>
<b>I20232</b>	GL-N107FX	X-Large	100	<b>WEB</b>



### ProWorks® Latex-free Cast Poly Gloves

**Adenna** These 100% synthetic polyethylene gloves are more durable than standard polyethylene gloves and are latex free, powder free and DEHP free. The textured surface is comfortable and provides better grip and ease of use. The looser fit was designed for easy, fast

on-and-off which is great for users who are frequently changing gloves. This makes them a cost effective alternative to vinyl gloves.

Stk.	Mfr.	Size	Qty.	Price
<b>I20200</b>	GL-CP100S	Small	100	<b>WEB</b>
<b>I20201</b>	GL-CP100M	Medium	100	<b>WEB</b>
<b>I20202</b>	GL-CP100L	Large	100	<b>WEB</b>



### Magnetic Glove Dispenser

**Lisle** Dispenser attaches to tool box or any ferrous metal surface. 2 large magnets hold unit in place, or mount to wall using screw slots provided. 3 adjusting springs accommodate all common sizes of disposable gloves, both 50 & 100 pkgs. Made of powder-coated steel.

Stk.	Mfr.	Price
<b>503830</b>	20130	<b>WEB</b>

## WELDING GLOVES



### Triple Layer Wool Lined Premium Stick Welding Gloves

**Steiner** Heat Resistor triple layer consists of premium side split brown cowhide outer layer, aluminized Mylar inner layer and wool insulated bottom layer. Flame resistant Kevlar® thread for added strength.

Stk.	Mfr.	Size	Price
<b>885040</b>	02120-L	Large	<b>WEB</b>



### Premium Cowhide Stick Welding Gloves

**Steiner** Premium red side split cowhide. ThermoCore™ insulation with full cotton lining. Straight thumb with reinforced thumb and palm. Kevlar® sewn. 14"L.

Stk.	Mfr.	Size	Price
<b>885090</b>	02719	Large	<b>WEB</b>



### Foam-lined Welding Gloves

**Steiner** Premium brown side split cowhide. ThermoCore™ insulation with full cotton lining. Double reinforced wing thumb, saddle, and palm. Kevlar® sewn.

Stk.	Mfr.	Size	Price
<b>885220</b>	2119B	Large	<b>WEB</b>



### Economy Welding Gloves

**Steiner** Gray shoulder split cowhide gloves with full cotton lining. Fully welted.

Stk.	Mfr.	Size	Price
<b>885050</b>	02209	Large	<b>WEB</b>



### Triple Layer Lined Stick Welding Gloves

**Steiner** Unique Natural Thumb™ design reduces fatigue, while Heat Resistor™ triple layer lining increases heat protection. ThermoCore™ foam insulated with full cotton lining for added comfort. Double reinforced thumb, saddle and palm. Flame resistant Kevlar® thread. Gold cowhide.

Stk.	Mfr.	Size	Price
<b>885015</b>	021NT-L	L-XL	<b>WEB</b>



### Premium-grain Pigskin MIG Gloves

**Steiner** Premium reverse grain pigskin MIG welding gloves with unlined palm, ThermoCore™ foam back and 5" split pigskin cuff.

Stk.	Mfr.	Size	Price
<b>885010</b>	P750M	Medium	<b>WEB</b>
<b>885011</b>	P750L	Large	<b>WEB</b>
<b>885012</b>	P750XL	X-large	<b>WEB</b>



### MIG Welding Gloves

**Miller** Select-grade leather with unprecedented comfort and performance. Lined gloves with dual padded palm for added comfort. Fleece insulated palm, foam insulated back. Original wrap-around keystone thumb design for exceptional dexterity and comfort.

Stk.	Mfr.	Size	Price
<b>566263</b>	263-333	Large	<b>WEB</b>



### Premium TIG Welding Gloves

**Miller** Premium goat grain leather. Completely unlined for superior flexibility and dexterity. Triple padded palm for added comfort. Sewn w/100% flame-resistant Kevlar® thread for maximum seam strength.

Stk.	Mfr.	Size	Price
<b>566264</b>	263-348	Large	<b>WEB</b>



### Split Deerskin TIG Gloves

**Steiner** Unlined split deerskin gloves with straight thumb and 2" cuff. Kevlar® stitched.

Stk.	Mfr.	Size	Price
<b>885025</b>	0221L	Large	<b>WEB</b>



### TIG Welding Gloves

**Steiner** Unlined, Kevlar®-stitched sheepskin gloves. Sensi-TIG™ seamless index finger and straight thumb. 4" gray cuff.

Stk.	Mfr.	Size	Price
<b>885027</b>	0223M	Medium	<b>WEB</b>
<b>885028</b>	0223L	Large	<b>WEB</b>
<b>885029</b>	0223XL	X-large	<b>WEB</b>



### Z-Flex Plus™ Treated Fiberglass High Heat Mittens

**Steiner** 35 oz. highly texturized silica yarn treated to withstand temperatures up to 2000°F. Moderate abrasion resistance with full 11 oz. wool insulated lining.

Stk.	Mfr.	Size	Price
<b>885110</b>	07115	14"L	<b>WEB</b>



### Aramid/Fiberglass High Heat Gloves

**Steiner** 22 oz. Aramid (Kevlar) fibers and fiberglass blend to create gloves that withstand exposure up to 600°F. Full 11 oz. wool-insulated lining. Superior abrasion and cut resistance.

Stk.	Mfr.	Size	Price
<b>885115</b>	08314	14"L	<b>WEB</b>



### Z-Flex Plus™ Treated Fiberglass High Heat Gloves

**Steiner** 35 oz. highly texturized silica yarn treated to withstand temperatures up to 2000°F. Moderate abrasion resistance with full 11 oz. wool insulated lining.

Stk.	Mfr.	Size	Price
<b>885109</b>	07114	14"L	<b>WEB</b>

## WELDING CLOTHING



### Weldmite™ Cotton Bib Apron

**Steiner** A protective clothing option that is lighter and more comfortable than leather for applications not requiring leather. Made from 12 oz. permanently flame retardant fabric, the 100% cotton will retain its flame retardant properties even after repeat washings. These bucktan garments are sewn from full-cut patterns and offer adjustable neck and waist straps.

Stk.	Mfr.	Size	Price
<b>885125</b>	10125	24" x 36"	<b>WEB</b>



### Weldlite™ Flame Retardant Jacket

**Steiner** 9 oz. cotton clothing is permanently flame retardant without taking away from its natural qualities. It's cooler and lighter than leather. Ideal for indoor or warm weather use. Stress points are bar tacked for greater strength. 30"L jacket has inside chest pocket and non-reflective snap closure and snaps at wrist. Green color.

Stk.	Mfr.	Size	Price
<b>885132</b>	1030-M	Medium	<b>WEB</b>
<b>885133</b>	1030-L	Large	<b>WEB</b>
<b>885134</b>	1030-X	X-large	<b>WEB</b>
<b>885131</b>	1030-2X	2X-large	<b>WEB</b>



### Weldlite™ Flame Retardant Cape Sleeves

**Steiner** Designed for protection of shoulders, upper chest, and arms, while open back maximizes ventilation. Leather reinforced, black anodized non-reflective snaps at collar and wrist snaps. Cool, comfortable, and washable, offering protection for light welding and sparks. 9 oz. flame retardant 100% cotton fabric; meets ASTM

D6413-10. Detachable bib for added protection, sold separately. Green color.

Stk.	Mfr.	Size	Price
<b>885136</b>	1032-M	Medium	<b>WEB</b>
<b>885137</b>	1032-L	Large	<b>WEB</b>
<b>885138</b>	1032-X	X-Large	<b>WEB</b>
<b>885144</b>	1032-2X	2X-Large	<b>WEB</b>



### Weldlite™ Flame Retardant Bib

**Steiner** Easy replacement of snap-on bib when worn, torn, or dirty without replacing the cape sleeves entirely. Cool, comfortable, and washable, offering protection for light welding and sparks. 9 oz. flame retardant 100% cotton fabric; meets ASTM D6413-10. Cape sleeves sold separately. Green color.

Stk.	Mfr.	Size	Price
<b>885135</b>	10315	19"L	<b>WEB</b>



### Weldlite™ Flame Retardant Split Leg Apron

**Steiner** Protection with freedom of movement with adjustable leg straps. Cool, comfortable, and washable, offering protection for light welding and sparks. 9 oz. flame retardant 100% cotton fabric; meets ASTM D6413-10. Green color.

Stk.	Mfr.	Size	Price
<b>885139</b>	10336	24"W x 40"L	<b>WEB</b>



### Leather Leggings with Spats

**Steiner** Protect your lower legs and shoes with 12" leather leggings featuring a hook and loop fastener to hold leggings in place and 9" leather shoe protector.

Stk.	Mfr.	Price
<b>885195</b>	12186	<b>WEB</b>



### Leather Spats

**Steiner** Full protection for foot and ankle. 5"H spats fasten by 3 adjustable straps on the ankle and 1 on the instep.

Stk.	Mfr.	Price
<b>885194</b>	12185	<b>WEB</b>



### Weld-Rite™ Leather Jackets

**Steiner** Weld-Cool™ side split cowhide jackets feature underarm ventilation and riveted open seam upper back to increase air circulation and provide cool comfort in warm environments. Strong, flexible leather resists cuts, sparks and slag. Reinforced, non-reflective snaps and Kevlar® stitched seams.

Satin lined shoulders and upper arm. Stand-up/roll down leather collar snaps securely in place to protect neck. Adjustable waist cinch straps for comfortable tapered fit. Soap stone holder on each upper arm.

#### 26"L

Stk.	Mfr.	Size	Price
<b>885400</b>	9214-M	Medium	<b>WEB</b>
<b>885401</b>	9214-L	Large	<b>WEB</b>
<b>885402</b>	9214-X	X-large	<b>WEB</b>
<b>885403</b>	9214-2X	2X-large	<b>WEB</b>

#### 30"L

Stk.	Mfr.	Size	Price
<b>885405</b>	9215-M	Medium	<b>WEB</b>
<b>885406</b>	9215-L	Large	<b>WEB</b>
<b>885407</b>	9215-X	X-large	<b>WEB</b>
<b>885408</b>	9215-2X	2X-Large	<b>WEB</b>



### Weld-Rite™ Leather Cape Sleeves

**Steiner** Protect shoulders, arms, neck, and upper body, while the back is left open to maximize ventilation and movement. Snap front closure, wrist, collar and bib attachment. Sewn with Kevlar® thread. Weltd shoulder and arm seams with rivet reinforced stress points.

Stk.	Mfr.	Size	Price
<b>885370</b>	9210-M	Medium	<b>WEB</b>
<b>885371</b>	9210-L	Large	<b>WEB</b>
<b>885372</b>	9210-X	X-Large	<b>WEB</b>
<b>885373</b>	9210-2X	2X-Large	<b>WEB</b>



### Weld-Rite™ Leather Bib

**Steiner** Easy replacement of snap-on bib when worn, torn, or dirty without replacing the cape sleeves entirely. Premium side split brown cowhide. Sewn with Kevlar® thread. Cape Sleeves sold separately.

Stk.	Mfr.	Size	Price
<b>885378</b>	92115	19"L	<b>WEB</b>



### Weld-Rite™ Leather Waist Apron

**Steiner** Quality crafted from premium side split brown cowhide with Kevlar® stitched seams, rivet reinforced stress points and adjustable waist strap with quick-release buckle.

Stk.	Mfr.	Size	Price
<b>885410</b>	92160	24"W x 24"L	<b>WEB</b>



### Weld-Rite™ Leather Bib Apron

**Steiner** Quality crafted from premium side split brown cowhide with Kevlar® stitched seams, rivet reinforced stress points and adjustable nylon straps with quick-release buckle. 2-compartment chest pocket.

Stk.	Mfr.	Size	Price
<b>885412</b>	92165	24"W x 36"L	<b>WEB</b>
<b>885413</b>	92166	24"W x 42"L	<b>WEB</b>



### Weld-Rite™ Leather Split-leg Apron

**Steiner** Quality crafted from premium side split brown cowhide with Kevlar® stitched seams, rivet reinforced stress points and adjustable nylon straps with quick-release buckle. 2-compartment chest pocket and adjustable leg straps.

Stk.	Mfr.	Size	Price
<b>885415</b>	92171	24"W x 42"L	<b>WEB</b>
<b>885416</b>	92172	24"W x 48"L	<b>WEB</b>



### Weld-Rite™ 18" Leather Sleeves

**Steiner** Premium side split cowhide sleeves fit easily into welding glove cuffs to protect upper arms. Kevlar® stitching, adjustable leather strap on bicep and rivet reinforced seams and stress points. Snaps at wrist.

Stk.	Mfr.	Size	Qty.	Price
<b>885419</b>	92180	18"L	2	<b>WEB</b>



### Weld-Rite™ 23" Leather Sleeves

**Steiner** Premium side split cowhide sleeves fit easily into welding glove cuffs to protect upper arms. Kevlar® stitching, adjustable leather neck strap and rivet reinforced seams and stress points. Snaps at wrist.

Stk.	Mfr.	Size	Qty.	Price
<b>885420</b>	92181	23"L	2	<b>WEB</b>

## SAFETY GLASSES



### Talon Bifocal

**Crossfire** Sporty and lightweight design for a great fit and ease of use in diverse environments. Reader safety glasses allows maximum light transmission without changing or distorting sight or colors. Suitable for indoor or low light conditions.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Bifocal Reader	Price
<b>687871</b>	12415	Matte Black	Clear	1.5	<b>WEB</b>
<b>687872</b>	12420	Matte Black	Clear	2.0	<b>WEB</b>
<b>687873</b>	12425	Matte Black	Clear	2.5	<b>WEB</b>



### Crossfire Infinity Safety Glasses

**Crossfire** Pink safety glasses feature 100% visually correct de-centered lenses.

**Meets ANSI Z87.1+ standards. Provides 99.9% UVA/UVB protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687852</b>	2254	Pearl Pink	Clear	1	<b>WEB</b>



### Crossfire ES5 Premium Safety Glasses

**Radians** Designed for all environments, the Crossfire ES5 features an adjustable nosepiece, ultralight frame, and 100% visually correct lenses.

**Meets ANSI Z87.1 standards. Provides 99.9% UVA/UVB protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687879</b>	2964	Gray	Clear	1	<b>WEB</b>
<b>687880</b>	29117	Brown	Brown Mirror	1	<b>WEB</b>



### Optima™ Safety Glasses

**Radians** Lightweight frame with dual mold temples. Adjustable rubber nose piece provides a comfortable, customized no-slip fit. Polycarbonate lens is impact resistant.

**Meets ANSI Z87.1 standards. Provides 99.9% UVA/UVB protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687854</b>	OP6710ID	Pink	Clear	1	<b>WEB</b>
<b>687855</b>	OP6790ID	Pink	Smoke	1	<b>WEB</b>



### IQUITY™ Anti-Fog Safety Glasses

**Radians** Environmentally friendly, non-toxic and non-flammable semi-permanent anti-fog and anti-scratch hydrophilic coating that lasts

longer than hydrophobic coatings. Water washable up to 20 times more than hydrophobic anti-fog glasses. Lightweight frame with dual mold temples. Adjustable rubber nose piece provides a comfortable, customized no-slip fit. Polycarbonate lens is impact resistant.

**Meets ANSI Z87.1 standards. Provides 99.9% UVA/UVB Protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687877</b>	OP1013ID	Black	Clear	1	<b>WEB</b>



### Sebring® 400 Junior

**sellstrom** Fashionable protection for small faces, these glasses offer wide single-piece lenses for incredible clarity and side protection. Adjustable temples.

**Meets ANSI Z87.1 standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772620</b>	S73801	Black	Clear	1	<b>WEB</b>



### Sebring® 400

**sellstrom** Lightweight protective eyewear has adjustable temples with high-fashion styling and strong safety features. The hardcoated integral polycarbonate lenses provide side shield protection.

**Meets ANSI Z87.1 standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772689</b>	S76301	Black	Clear	1	<b>WEB</b>
<b>772677</b>	S76701	Red/White/Blue	Clear	1	<b>WEB</b>



### Rad-Atac Small™

**Radians** Frame fits students with smaller faces. Rubber-tipped temples provide a non-slip, comfortable fit. Polycarbonate lens provides impact resistance.

**Meets ANSI Z87.1+ standards. Provides 99.9% UV protection**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687802</b>	ATS-10	Clear	Clear	1	<b>WEB</b>



### Guest-Gard®

**sellstrom** Lightweight protection for visitors. Wraparound design, universal fit nose bridge, fixed side shields and frosted brim. Can be worn over eyeglasses.

**Meets ANSI Z87.1 standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772622</b>	S79103	Clear	Clear	1	<b>WEB</b>



### Maxview™

**sellstrom** Designed to fit over prescription eyewear. Ideal as a visitor spec or for everyday use. Extra-wide ventilated temples for increased side protection.

**Meets ANSI Z87.1 standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772693</b>	S79301	Clear	Clear	1	<b>WEB</b>



### OTG Safety Glasses

**Radians** Safety glasses are designed to fit over eye glasses. Close fitting design with integrally molded brow guard and deep side shields provides all around protection.

**Meets ANSI Z87.1+ standards. 99.9% UVA/UVB Protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687878</b>	360-C	Clear	Clear	1	<b>WEB</b>



### XM340 Safety Glasses

**sellstrom** Rubberized temple relieves pressure from temples and ears while keeping eyewear secure. Anti-scratch polycarbonate lens provides outstanding impact strength and

optical clarity. Ventilation space minimizes fogging.

**Meets ANSI Z87.1 standards and MILPRF-31013.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772656</b>	S74201	Smoke	Clear	1	<b>WEB</b>



### Radians T-71 Safety Glasses

**Radians** A lightweight design with soft rubber brow guard and non-slip temples for comfort and protection. Nosepiece is easily adjustable and polycarbonate lens provides impact resistance.

**Meets ANSI Z87.1 Standards and provides 99.9% UVA/UVB Protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687890</b>	T71-10D	Silver	Clear	1	<b>WEB</b>
<b>687891</b>	T71-20D	Silver	Smoke	1	<b>WEB</b>
<b>687892</b>	T71-90D	Silver	Indoor/Outdoor	1	<b>WEB</b>





### X300™

**Sellstrom** Anti-scratch UV absorbing polycarbonate lens provides outstanding impact strength and optical clarity for industrial protection. Straight tips relieve temple and back-of-ear pressure. Comfortable, secure wrap-around fit slide-free nose bridge.

**Meets ANSI Z87.1 standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772490</b>	S70701	Clear	Clear	1	<b>WEB</b>
<b>772491</b>	S70711	Amber	Amber	1	<b>WEB</b>
<b>772492</b>	S70721	Smoke	Smoke	1	<b>WEB</b>



### Balsamo® Safety Glasses

**Radians** Lightweight frame provides a comfortable fit. Polycarbonate lens provides impact resistance.

**Meets ANSI Z87.1+ standards. Provides 99.9% UVA/UVB protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687875</b>	BALI-10	Clear	Clear	1	<b>WEB</b>
<b>687876</b>	BALI-20	Smoke	Smoke	1	<b>WEB</b>



### Firebirds™

**Sellstrom** Anti-scratch, 99.9% UV absorbing polycarbonate lens provides outstanding impact strength and optical clarity for rugged industrial protection. Wraparound style with rubberized temple tips provides a secure, comfortable fit. Smoke lens offers contrast for inside or outside work.

**Provides 99.9% UV & ANSI + High Impact standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772501</b>	S73401	Clear	Clear	1	<b>WEB</b>
<b>772502</b>	S73471	Smoke	Smoke	1	<b>WEB</b>



### Journey™

**Radians** Safety glasses provide excellent optics and coverage. 4-position telescoping temples, 9.75 base lens and rubber nose piece. Lens is hard coated for scratch resistance.

**Meets ANSI Z87.1+ standards. Provides 99.9% UVA/UVB protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687869</b>	JR0110ID	Black	Clear	1	<b>WEB</b>
<b>687870</b>	JR0120ID	Black	Smoke	1	<b>WEB</b>



### Rock™

**Radians** Sleek, lightweight design with rubber tipped temples. Adjustable rubber nose-piece. Wrap around single lens provides an unobstructed field of vision. Polycarbonate anti-fog lens provides impact resistance.

**Meets ANSI Z87.1 + standards. Provides 99.9% UVA protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687865</b>	RK6-11	Silver	Clear	1	<b>WEB</b>
<b>687866</b>	RK6-21	Silver	Smoke	1	<b>WEB</b>



### XM310 Safety Glasses

**Sellstrom** Optically correct wrap style lens offers superior coverage. Black/orange co-molded temples and soft nose piece offers all day comfort. Temples curve inwards to ensure slip-resistant fit. Lenses feature an anti-scratch hard coating.

**Provides 99.9% UV protection & ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772651</b>	S71200	Black/Orange	Clear	1	<b>WEB</b>



### XM300 Safety Glasses

**Sellstrom** High impact optically correct wrap-style lens offers superior coverage. Black/green co-molded temples and soft nose piece offers all day comfort. Temples are curved inwards to ensure slip-resistant fit.

**Provides 99.9% UV protection and ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772483</b>	S71100	Black/Green	Clear	1	<b>WEB</b>



### Protector™

**DEWALT** Rubber-tipped temples provide secure, comfortable fit. Sleek, lightweight, polycarbonate lens is impact resistant and distortion-free.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687804</b>	DPG54-1D	Yellow	Clear	1	<b>WEB</b>



### Virtua™

**3M** Wraparound coverage, polycarbonate construction and a clear hard coat lens with a comfortable fit.

**Provides 99.9% UV & ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>590254</b>	11819-00000-20	Clear	Clear	1	<b>WEB</b>
<b>590255</b>	11815-00000-20	Gray	Gray	1	<b>WEB</b>



### Galaxy™

**Radians** Impact resistant, lightweight one piece lens design offers integral side shields with adjustable temples and extended brow guard. Fits over most prescription glasses.

**Provides 99.9% UV & ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687828</b>	GX0110ID	Black	Clear	1	<b>WEB</b>
<b>687829</b>	GX0510ID	Red/White/Blue	Clear	1	<b>WEB</b>



### Dual Comfort™

**DEWALT** Ratcheting, telescoping temples adjust for a comfortable fit. Snug, rubber-tipped temples. Protective cushioned brow. Polycarbonate, impact resistant wraparound lens.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687805</b>	DPG55-1D	Black/Yellow	Clear	1	<b>WEB</b>



### Reinforcer™

**DEWALT** Soft, rubber nosepiece is ergonomically shaped for a secure grip. Cushioned rubber, non-slip temple pads add comfort and grip. Lightweight, polycarbonate lens is impact resistant and distortion-free. Handgrip pattern on temple.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>687806</b>	DPG58-1D	Black/Yellow	Clear	1	<b>WEB</b>



### SG Camo Safety Glasses

**Jackson Safety** Specially formulated ultra-strong and ultra-flexible material provide unmatched durability. Soft touch temples and flexible nose piece are slip resistant and provide comfort for hours of continued use.

**Includes** neck cord.

**Meets or exceeds ANSI Z87.1+, CSA Z94.3 and CE 166.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772450</b>	50012	Camo	Clear	1	<b>WEB</b>
<b>772451</b>	50015	Camo	Smoke	1	<b>WEB</b>



### Falcon Safety Glasses

**UVEX** Falcon offers ultimate peripheral protection in a uni-lens, ultra-lightweight (22 grams) design. Polycarbonate lens with Uvextreme® anti-fog and Ultra-dura hard coatings.

Ratchet, adjustable temples, molded-in nose bridge.

**Meets ANSI Z87.1+ and CSA Z94.3 standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>475150</b>	S4500	Black	Clear	1	<b>WEB</b>



### X35™ Series

**sellstrom** Uniquely designed flip-up lens glasses for soldering, brazing and cutting operations. Features adjustable temples. Anti-scratch UV absorbing polycarbonate lens provides outstanding impact strength and optical clarity for rugged industrial protection.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772741</b>	S72903	Black	3	1	<b>WEB</b>
<b>772742</b>	S72905	Black	5	1	<b>WEB</b>



### B5™

**sellstrom** High-impact, adjustable frame. Clear anti-scratch UV-absorbing polycarbonate lens provide optical clarity for industrial work. For indoor/outdoor work in low light. Shade 5 IR for welding, medium to heavy torch soldering, brazing and cutting operations.

**Meets ANSI Z87.1 and Can/CSA Z94.3 standards. CE certified. Provides 99.9% UV protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772498</b>	S74701	Black	Clear	1	<b>WEB</b>
<b>772499</b>	S74751	Black	Shade 5 IR	1	<b>WEB</b>



### Universal Flex Sideshield

**Radians** VisionAid™ sideshields are a quick and inexpensive way of supplying additional protection to those wearing personal prescription eyewear. Easy-on, easy-off, weaves through the temple. Blocks 100% of UV rays. Molded of soft, bendable vinyl.

**Meets ANSI Z87.1 standards.**

Stk.	Mfr.	Qty.	Price
<b>687843</b>	99705	1 pair	<b>WEB</b>



### Safeguards® Eyewear Micro-fiber Bag

**Sellstrom** Black bag w/drawstring closure stores & protects 1 pair of safety glasses.

Stk.	Mfr.	Price
<b>772489</b>	S79904	<b>WEB</b>

## SAFETY GOGGLES



### Centurion™ Safety Splash Goggle

**3M** Wraparound frame for peripheral vision and large lens opening accommodates prescription and safety eyewear. Wide nasal flare for added comfort indirect venting to minimize fogging.

**Meets ANSI Z87.1 standards. Provides 99.9% UV protection.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>590240</b>	40305	Indirect	Fog-Free	1	<b>WEB</b>



### Odyssey® II Chemical Splash Goggles

**sellstrom** Industrial goggle with indirect vents on top and bottom to protect against chemical splash and dust while permitting ventilation. Blue PVC body with easy-adjust black cloth flame-retardant strap. Lens has extra-wide

peripheral vision, fits over personal glasses, UV absorbing polycarbonate, sealed, dual scratch-resistant.

**Meets ANSI Z87+ high impact standards, CSA certified.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>772728</b>	S80200	Indirect	Fog-Free	1	<b>WEB</b>



### Concealer™ Safety Goggles

**DEWALT** ToughCoat™ impact-resistant clear lens protects against scratches. Low-profile design with full-field vision. Soft, rubber lining conforms to face, blocks dust and debris. Ventilation channels and XtraClear™ coating prevent fogging. Adjustable elastic head strap.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>687809</b>	DPG82-11	Indirect	Fog-Free	1	<b>WEB</b>



### Perforated Safety Goggles

**Radians** Green-tinted flexible body provides excellent ventilation and protects against dust and debris. Adjustable elastic strap. Fits over most prescription eyewear.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>687836</b>	GGP11UID	Direct	Regular	1	<b>WEB</b>
<b>687837</b>	GGP11UID	Direct	Fog-Free	1	<b>WEB</b>



### Chemical Goggles

**Radians** Indirect vent goggle provides protection against chemical splashes. Adjustable neoprene strap. Fits over most prescription eyewear.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>687838</b>	GG01 IUID	Indirect	Regular	1	<b>WEB</b>
<b>687839</b>	GG01 IUID	Indirect	Fog-Free	1	<b>WEB</b>



### Mini Economy Goggles

**sellstrom** Specially designed for small faces, goggles offer unbeatable comfort and protection. Green tinted flexible PVC body with .060" clear lenses. Adjustable elastic headbands.

**Meets CSA Z94.3-2015.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>772525</b>	S83000	Direct	Regular	1	<b>WEB</b>
<b>772526</b>	S83200	Indirect	Regular	1	<b>WEB</b>



### Fog-Free Goggles

**sellstrom** Green-tinted flexible PVC body with clear lens. 18" adjustable elastic headband.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>772635</b>	S88010	Direct	Fog-Free	1	<b>WEB</b>



### Fog-Free Chemistry Lab Goggles

**sellstrom** Molded indirect venting protects against hazardous liquids and dust. Green-tinted flexible PVC body with clear lens. 18" adjustable elastic headband.

**Meets ANSI Z87.1 standards.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>772645</b>	S88210	Indirect	Fog-Free	1	<b>WEB</b>



### Impact Goggles

**sellstrom** Direct vent impact goggle for protection during grinding, chipping and cutting. Soft vinyl conforms comfortably to facial contours. Fits over personal glasses. Clear acetate lens.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>772636</b>	S88000	Direct	Regular	1	<b>WEB</b>



### Chemical Impact Goggles

**sellstrom** Indirect vent impact chemical splash goggle protects against hazardous liquids and dust. Made of soft, comfortable vinyl. Fits over personal glasses. Clear acetate lens.

**Meets ANSI Z87.1 standards.**

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>772642</b>	S88200	Indirect	Regular	1	<b>WEB</b>



### Elastic Goggle Replacement Head Bands

**sellstrom** 18" elastic strap.

Stk.	Mfr.	Qty.	Price
<b>772625</b>	S22449	12	<b>WEB</b>

## FACESHIELDS



### 301 Series Advantage™ Single Crown Ratcheting Headgear with Face Shield

**sellstrom** Durable aluminum-bound clear polycarbonate face shield with universal mount windows. Comfortable, ratchet headgear with ABS crown.

**Meets ANSI Z87.1 and CSA Z94.3 standards.**

Stk.	Mfr.	Window	Size	Price
<b>772730</b>	S30110	Clear	8-1/2" x 15-1/2" x .040"	<b>WEB</b>



### Universal Faceshield Replacement Window

**sellstrom** Acetate window is chemical and scratch resistant, eliminating additional hard coat treatments. Universal hole mounting patterns are designed to fit on Sellstrom's 301 Series crowns as well as many other common brands.

**Meets ANSI Z87.1+ and CSA Z94.3 standards.**

Stk.	Mfr.	Window	Size	Price
<b>772731</b>	S37600	Clear, Aluminum-Bound	8" x 15-1/2" x .040"	<b>WEB</b>
<b>772495</b>	S37050	IR Shade 5	8" x 16" x .060"	<b>WEB</b>



### 380 Series Premium Dual Crown Face Shield with Chin Guard

**sellstrom** "Crown and chin" combination offers an exclusive extra-wide side window, as well as oversized crown and chin guards. Curved shield provides protection from splash, chemical splash, particles and flying debris. Acetate windows are chemical and scratch resistant. Windows attach using exclusive Sellstrom patterned pin mount design. Adjustable ratchet headgear suspension for a custom fit at the turn of the knob.

**Meets ANSI Z87.1 and CSA Z94.3 standards.**

Stk.	Mfr.	Window	Size	Price
<b>772595</b>	S38110	Clear	6-1/2" x 19-1/2" x 0.040"	<b>WEB</b>



### 380 Series Replacement Window

**sellstrom** Premium acetate window is chemical and scratch resistant. Fits 380 Series Single Crown Headgear with Chin Guard.

**Meets ANSI Z87.1 and CSA Z94.3 standards.**

Stk.	Mfr.	Window	Size	Price
<b>772593</b>	S36000	Clear	6-1/2" x 19-1/2" x 0.040"	<b>WEB</b>



### 390 Series Premium Single Crown Ratcheting Headgear

**Sellstrom** Extra-large high impact crown provides excellent above-the-head coverage. Window (sold separately) attaches using exclusive Sellstrom patterned pin mount design. Adjustable ratchet headgear suspension for a custom fit at the turn of the knob.

Stk.	Mfr.	Price
<b>772596</b>	S39100	<b>WEB</b>



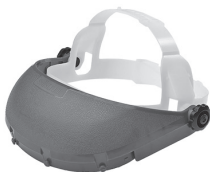
### 390 Series Premium Single Crown Ratcheting Headgear with Face Shield

**sellstrom** Extra-large high impact crown provides excellent above-the-head coverage. Curved shield provides protection from splash, chemical splash, particles and flying debris. Acetate windows are chemical and scratch resistant. Windows attach using exclusive

Sellstrom patterned pin mount design. Adjustable ratchet headgear suspension for a custom fit at the turn of the knob.

**Meets ANSI Z87.1 and CSA Z94.3 standards.**

Stk.	Mfr.	Window	Size	Price
<b>772575</b>	S39140	Sta-Clear™ Anti-Fog	8" x 12"	<b>WEB</b>
<b>772576</b>	S39150	Shade 5 IR	8" x 12"	<b>WEB</b>
<b>772598</b>	S39110	Clear	8" x 12"	<b>WEB</b>



### 390 Series Premium Single Crown Pin-Lock Headgear

**sellstrom** Extra-large high impact crown provides excellent above-the-head coverage. Window (sold separately) attaches using exclusive Sellstrom patterned pin mount design.

Stk.	Mfr.	Price
<b>772644</b>	S39000	<b>WEB</b>



### 390 Series Premium Single Crown Pin-Lock Headgear with Face Shield

**sellstrom** Extra-large high impact crown provides excellent above-the-head coverage. Curved shield provides protection from splash, chemical splash, particles and flying debris. Acetate windows are chemical and scratch resistant. Windows attach using exclusive Sellstrom patterned pin mount design.

**Meets ANSI Z87.1 and CSA Z94.3 standards.**

Stk.	Mfr.	Window	Size	Price
<b>772641</b>	S39010	Clear	8" x 12"	<b>WEB</b>



### 390 Series Replacement Window

**sellstrom** Premium acetate window is chemical and scratch resistant. Windows attach using exclusive Sellstrom patterned pin mount design. Fits 390 Series Single Crown Headgear.

**Meets ANSI Z87.1 and CSA Z94.3 standards.**

Stk.	Mfr.	Window	Size	Price
<b>772590</b>	S35000	Clear	8" x 12" x .040"	<b>WEB</b>
<b>772591</b>	S35040	Sta-Clear Anti-Fog	8" x 12" x .040"	<b>WEB</b>
<b>772592</b>	S35020	Dark Green	8" x 12" x .040"	<b>WEB</b>
<b>772594</b>	S35050	Shade 5 IR	8" x 12" x .060"	<b>WEB</b>

**772592** | Not for use as IR protection.



### DP4 Face Shield with Flip-up IR Window

**sellstrom** Face shield features a spring mounted flip-up/flip-down IR window (4.375" x 9.25" x .070") for uninterrupted face protection during cutting and grinding operations. Molded polycarbonate anti-fog window (9" x 12.125" x 0.060") meets high impact standards and is chemical resistant. Ratcheting headgear for comfort and convenience.

**Meets ANSI Z87.1 and CSA Z94.3 standards.**

Stk.	Mfr.	Price
<b>772643</b>	S32151	<b>WEB</b>



### Bionic® Full Faceshield

**UVEX** Tough, lightweight and balanced for all-day comfort. Highly adjustable, easily replaceable visor. Provides built-in chin protection and extended top-of-head coverage against chemical splash, welding, infrared radiation and airborne debris. Breathable, removable, washable headband. No metal parts. Clear uncoated visor.

**Meets ANSI Z87.1+ and CSA Z94.3 standards.**

Stk.	Mfr.	Price
<b>475120</b>	S8500	<b>WEB</b>

## LENS CLEANING STATIONS



### Sta-Clear® Lens Cleaning Station

**Sellstrom** Maintain protective eyewear and worker safety. Refillable, durable metal unit includes lock and key. Station can be fastened to wall or sanitizing monitor cabinet. Size 8-5/8" x 6-1/2" x 5-3/8".

**Includes** lock & key, box of 1,000 Sta-Clear lens tissues (refills, sold separately), spray pump bottle & tissue disposal area.

**Tissues should not be used on Fog Free Lenses.**

#### Metal Station

Stk.	Mfr.	Qty.	Price
<b>772556</b>	S23470		<b>WEB</b>

**Lens Cleaning Tissues** 1,000 silica-free tissues will not scratch polycarbonate lenses. Tissues should not be used on Fog Free Lenses.

Stk.	Mfr.	Qty.	Price
<b>772560</b>	S23480	1,000	<b>WEB</b>



### Disposable Station

**Radians** Sturdy, economical station provides instant access for cleaning safety glasses, goggles, faceshields and full face respirators. Specially-developed formula cleans greasy, oily lenses while providing an anti-fog/anti-static coating. Low lint, silicone-free tissues are non-abrasive, and leave lenses clear and streak free.

**Includes** box of 1,200 tissues & 16 oz. spray pump bottle.

Stk.	Mfr.	Price
<b>687819</b>	LCS161200	<b>WEB</b>



### Towelettes

**Radians** Anti-fog, anti-static towelettes are easy to use and disposable. Silicone-free foil-wrapped towelettes clean glass, plastic and polycarbonate.

Stk.	Mfr.	Qty.	Price
<b>687818</b>	LCD100	100	<b>WEB</b>



## EYEWEAR SANITIZING CABINETS



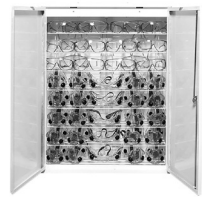
### Monitor Germicidal Cabinet

**Sellstrom** Sanitize students' eyewear between wearing by storing safety glasses and goggles in this white enameled steel cabinet. Timer controlled, built-in germicidal lamp. Holds up to 48 glasses, 40 goggles, or 36 glasses and 10 goggles. Interlock door has tamper-resistant latches. Wall or shelf mountable with 7' grounded electrical cord.

Size: 24-1/2"W x 32"H x 9-1/2"D

**Glasses and goggles not included, sold separately.**

Stk.	Mfr.	Qty.	Price
<b>772671</b>	S90494	1	<b>WEB</b>



### Monitor Germicidal Cabinet with Protective Eyewear

**Sellstrom** Sanitize students' eyewear between wearing by storing safety glasses and goggles in this white enameled steel cabinet. Timer controlled, built-in germicidal lamp. Holds up to 48 glasses, 40 goggles, or 36 glasses and 10 goggles. Interlock door has tamper-resistant latches. Wall or shelf mountable with 7' grounded electrical cord.

Size: 24-1/2"W x 32"H x 9-1/2"D

**36 Glasses & 10 Goggles Includes** 36 pair safety glasses (76301) and 10 pair fog free safety goggles (88000).

Stk.	Mfr.	Price
<b>772780</b>	S350101	<b>WEB</b>

**36 Goggles Includes** 36 pair safety goggles (88000).

Stk.	Mfr.	Price
<b>772781</b>	S350102	<b>WEB</b>



### Monitor Germicidal Cabinet 30" Lamp

**Sellstrom** 30"L replacement lamp for Sellstrom's 90490, 90492 (Series 2000) & 90494 cabinets.

Stk.	Mfr.	Qty.	Price
<b>772670</b>	S90482	1	<b>WEB</b>



### Monitor Germicidal Cabinet Replacement Keys

**Sellstrom** Replacement keys for Sellstrom's 90494 cabinet.

Stk.	Mfr.	Qty.	Price
<b>772497</b>	S90479	2	<b>WEB</b>



### Cabinet for 30 Glasses

**Kerkau** Lab-tested sterilization cabinet for glasses and goggles. 15-minute timer controls sterilization, key lock, 2 safety door switches, long-life ultraviolet bulbs and heavy neoprene 8', 18/3 grounded power cord. Holds up to 30 goggles or safety glasses.

Size 24-1/2"W x 28"H x 9-1/4"D.

**Safety glasses and goggles sold separately.**

Stk.	Mfr.	Price
<b>217090</b>	K-50	<b>WEB</b>



### Cabinet for 40 Glasses

**Germicon** Cabinet holds 40 goggles or glasses in individual compartments for student or instructor identification. There's even room to accommodate sterilization of hard hats. Aluminum reflectors ensure irradiation of cabinet. Features convenient timer and heavy-gauge doors with key lock.

Size 30"W x 30"H x 12"D.

**Safety glasses and goggles sold separately.**

Stk.	Mfr.	Price
<b>218000</b>	100-F	<b>WEB</b>

### 17" Replacement Lamp

**Kerkau** For Germicon Mfr. 100F and Kerkau Mfr. K50 cabinets.

Stk.	Mfr.	Price
<b>772660</b>	810122	<b>WEB</b>

## EMERGENCY EYE WASH STATIONS



### Gravit-Eye™ Portable Eye Wash Unit

**Sellstrom** 16 Gal. portable, self-contained, gravity-operated eye wash station. Made of a high density green and yellow FDA polyethylene. Designed to set on a flat surface or to be wall mounted.

Size: 20-1/2"H x 21"W x 18-1/2"D

**Includes** wall mounting bracket, drain hose, bacteriostatic additive & test log card.

**Meets ANSI Z358.1 standard.**

Stk.	Mfr.	Price
<b>772579</b>	S90320	<b>WEB</b>

**Dust Cover** Clear vinyl allows directions & log card to be read when station is covered. Single pulling down motion on dust cover flap initiates eye wash flow. Easy to install & clean.

Stk.	Mfr.	Price
<b>772696</b>	S90335	<b>WEB</b>

**Redi-Sep™ Bacteriostatic Additive** Water preservative for use in any gravity flow eye wash unit. Tamper-evident sealed. Date coded for easy inspection. In service life of 6 months. 8 oz. bottle.

Stk.	Mfr.	Price
<b>772509</b>	S90322	<b>WEB</b>

## DUST MASKS & RESPIRATORS



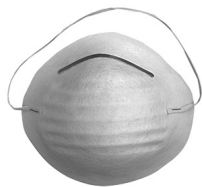
### ProWorks® Nuisance Dust Masks

**Adenna** Designed for general wear, this dust mask provides basic protection against any non-toxic dust and irritants in the air. Ideal for sanding wood and cleaning.

Size: Medium/Large.

**For comfort only. Not a respirator, does not provide lung protection.**

Stk.	Mfr.	Qty.	Price
<b>120188</b>	BP-N1000	50	<b>WEB</b>



### Non-Toxic Dust Masks

**TruGuard** These non-toxic dust masks have a flexible metal noseband to reduce fogging in glasses. Made from latex-free and hypoallergenic material for those with sensitive skin. A heavy-duty elastic strap keeps the mask secure during use.

**Not NIOSH-Approved.**

Stk.	Mfr.	Qty.	Price
<b>943516</b>	TRU10028549	5	<b>WEB</b>



### N95

**3M** Provides reliable protection against certain non-oil based particles. Features advanced electrostatic media, adjustable nose clip and nose foam for a custom fit and secure seal. Use for handling and working with grinding, sanding, sweeping, bagging, drywall materials and dusty operations.

**For comfort only. Not a respirator, does not provide lung protection.**

Stk.	Mfr.	Qty.	Price
<b>590406</b>	8200	20	<b>WEB</b>



### Safe-T-Fit Plus Respirators

**Sperian** Molded cup N95 particulate disposable respirators offer protection and comfort.

**NIOSH 42 CFR 84 approval. 95% efficiency against solid particulates & non-petroleum based liquid aerosols. Time use restrictions may apply. For comfort only. Not a respirator, does not provide lung protection.**

Stk.	Mfr.	Size	Qty.	Price
<b>475131</b>	14110388	Medium/Large	20	<b>WEB</b>



### Twin Cartridge Respirators

**Binks** Finest quality silicone face piece for outstanding comfort, easy cleanup and long life. Will not deteriorate after repeated washing and exposure to paints and solvents. Combination cradle/neckstrap for a non-slip comfortable fit. Equipped with heavy-duty oil resistant filters for extra loading capacity.

**Includes 2 filters & storage bag.**

**Meets NIOSH 42 CFR Part 84 standard.**

Stk.	Mfr.	Size	Qty.	Price
<b>240407</b>	40-128	Medium	1	<b>WEB</b>
<b>240408</b>	40-143	Large	1	<b>WEB</b>

**Respirator Cartridges** Offers protection against certain organic vapors, lacquers & enamels. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
<b>240570</b>	40-1921		2	<b>WEB</b>

**Respirator Filters** Specially engineered heavy-duty oil resistant filters for increased respiratory protection. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
<b>240574</b>	40-1924-10		10	<b>WEB</b>



### Half-mask Respirators

**3M** Economical, lightweight respirators can be disassembled, cleaned and reused. Features soft thermoplastic elastomer facepiece, good visibility and easy-adjust head straps. Use to protect students from a variety of gases, vapors and particulate hazards (including petrochemical,

chemical manufacturing, construction, transportation & electronics). When properly fitted, helps provide respiratory protection from certain organic vapors at concentrations up to 10x the Permissible Exposure Limit (PEL).

**Meets NIOSH standard. 2 filters required for each mask, sold separately.**

Stk.	Mfr.	Size	Qty.	Price
<b>942682</b>	6200	Medium	1	<b>WEB</b>
<b>942683</b>	6300	Large	1	<b>WEB</b>



### Organic Vapor Cartridges

**3M** NIOSH approved for environments containing certain organic vapors. Use with 3M™ Half and Full Facepieces 6000, 7000 and FF400 Series with bayonet filter holders. 2 filters required for each mask.

Stk.	Mfr.	Qty.	Price
<b>590265</b>	6001	2	<b>WEB</b>



### P100 Particulate Filter 2091

**3M** Made with electrostatic media to enhance the capture of airborne particles and reduce breathing resistance. Compatible with 3M™ Series 6000, 6500/6500QL, 7500, FF-400, 7800 and Scott™ AV-3000 SureSeal Facepieces with bayonet adapter. NIOSH approved.

Stk.	Mfr.	Qty.	Price
<b>590258</b>	2091	2	<b>WEB</b>



### sel-kleen™ Pre-Moistened Equipment Cleaning Packets

**Sellstrom** Anti-static, anti-fog cleaning solution impregnated in tissues. Contains no silica; scratch free. Alcohol-free pads feature the active ingredient benzalkonium chloride and will not harm even the most sensitive rubber facepieces. Convenient and easy to use single packets measure 5" x 8". Self-dispensing box may be wall mounted or rest on table.

Stk.	Mfr.	Qty.	Price
<b>772529</b>	S22185	110	<b>WEB</b>

## HEARING PROTECTION



### Snug Plugs with Cord

**Radians** Super soft plugs are washable and reusable. FDA approved, nontoxic materials. High NRR rating for reusable ear plugs.

Stk.	Mfr.	NRR	Qty.	Price
<b>687816</b>	JP3150ID	28 dBA	1	<b>WEB</b>
<b>687817</b>	JP3165ID	28 dBA	1	<b>WEB</b>

**687817** Includes storage case.



### Banded Ear Plugs

**Sellstrom** Banded ear plugs are ideal for regular applications. Designed to wear around the neck when not in use. Hi-Viz green band.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	NRR	Qty.	Price
<b>772784</b>	S23430	25 dBA	1	<b>WEB</b>



### Banded Ear Plug Replacement Plugs

**Sellstrom** Replacement plugs for banded ear plugs Stk. 772784. Comfortable blue ear plugs/pods are easily replaced when dirty.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	NRR	Qty.	Price
<b>772785</b>	S23431	25 dBA	1 Pair	<b>WEB</b>



### Resistor™ 32 Foam Ear Plugs

**Radians** Tapered comfortable fit. Extremely soft to seal without pressure. Smooth surface repels dirt.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	Item	NRR	Qty.	Price
<b>687812</b>	FP70	Uncorded	32 dBA	1 Pair	<b>WEB</b>
<b>687813</b>	FP71	Corded	32 dBA	1 Pair	<b>WEB</b>



### Resistor™ 32 Foam Ear Plugs with Dispenser

**Radians** Disposable earplug dispenser provides quick and easy access to earplugs, increasing worker compliance and decreasing waste by dispensing one plug at a time. The base is easily separated for refilling. Earplugs have a tapered shape and offer the most natural fit and seal for the ear canal. Smooth surface repels dirt. Low pressure, self-adjusting foam. Orange.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	NRR	Qty.	Price
<b>687882</b>	FPD-500L70	32 dBA	500 Pairs	<b>WEB</b>



### Resistor™ 32 Foam Ear Plug Refill

**Radians** Earplugs have a tapered shape and offer the most natural fit and seal for the ear canal. Smooth surface repels dirt. Low pressure, self-adjusting foam. Not individually packaged. Orange.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	NRR	Qty.	Price
<b>687883</b>	FP70-B250	32 dBA	250 Pairs	<b>WEB</b>
<b>687884</b>	FP70-B500	32 dBA	500 Pairs	<b>WEB</b>



### Detour™ 32 Foam Ear Plugs with Dispenser

**Radians** Earplug dispenser provides quick and easy access to earplugs, increasing worker compliance and decreasing waste by dispensing one plug at a time. The base is easily separated for refilling. Disposable foam earplugs feature soft, slow-recovery foam for extreme comfort and outstanding noise reduction. They expand slowly for a low-pressure fit in virtually any size ear canal. Green.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	NRR	Qty.	Price
<b>687881</b>	FPD-500L30	32 dBA	500 Pairs	<b>WEB</b>



### Detour™ 32 Foam Ear Plug Refill

**Radians** Disposable foam earplugs feature soft, slow-recovery foam for extreme comfort and outstanding noise reduction. They expand slowly for a low-pressure fit in virtually any size ear canal. Green.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	NRR	Qty.	Price
<b>687885</b>	FP30-B250	32 dBA	250 Pairs	<b>WEB</b>
<b>687886</b>	FP30-B500	32 dBA	500 Pairs	<b>WEB</b>



### Over-the-Head Earmuffs

**3M** Twin wire headband design helps reduce heat buildup with good fit and balance. Earcups tilt to ensure a customized fit and comfort for individual users. Replaceable ear cushions and foam liners. Black/Green.

Stk.	Mfr.	NRR	Qty.	Price
<b>590451</b>	X1A	22	1	<b>WEB</b>



### Terminator™ 29

**Radians** Lightweight earmuff offers maximum protection, comfort and fit. Soft, extra-long adjustable headband padding. Foam-filled ear cushions provide comfort, even over safety glasses.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	NRR	Qty.	Price
<b>687825</b>	TR0160CS	29 dBA	1	<b>WEB</b>



### Silencer™ 26

**Radians** Lightweight dielectric earmuff offers padded, adjustable headband. Foam-padded earcups provide a comfortable fit even over safety glasses. Rugged and durable in a wide range of environments.

**Meets ANSI S3.19 standard.**

Stk.	Mfr.	NRR	Qty.	Price
<b>687820</b>	SL0130ID	26 dBA	1	<b>WEB</b>



### Lowset 21 Folding

**Radians** Comfortable, lightweight, low profile design folds compactly for storage and earcup protection. Headband adjusts with side wire guides for optimum fit. Coolmax® headband wicks away moisture and cools user. Foam-filled ear cushions fit comfortably even with safety glasses.

Stk.	Mfr.	NRR	Qty.	Price
<b>687815</b>	LS0100CS	21 dBA	1	<b>WEB</b>



### VeriShield™ 100 Series Passive Earmuffs

**Howard Leight** Superior hearing protection in a lightweight design, comfortably fits a wide range of head sizes. Optimum comfort over long periods of use makes them solutions users will want to wear.

Stk.	Mfr.	NRR	Qty.	Price
<b>475146</b>	I035100-VS	24 dBA	1	<b>WEB</b>



### Interceptor™

**DEWALT** Lightweight earmuff with maximum protection, comfort and fit. Low profile design folds compactly for storage and earcup protection. Headband adjusts with side wire guides for optimum fit. CoolMax™ adjustable headband wicks away moisture and cools user. Padded ear cushions fit comfortably.

Stk.	Mfr.	NRR	Qty.	Price
<b>687808</b>	DPG62-C	29 dBA	1	<b>WEB</b>



### Advantage Series H225 Ear Muff

**Sellstrom** Dielectric ear muffs protect against electric shocks and have cup pads which are soft, comfortable and ideal for extended use. Tough, long lasting tension bands are easily adjustable.

Stk.	Mfr.	NRR	Qty.	Price
<b>772601</b>	S23401	26 dBA	1	<b>WEB</b>

## HEAD PROTECTION



### Granite Hard Hat

**Radians** 6-point ratchet nylon suspension is easy to adjust and allows wearer to modify the fit while wearing. Lightweight polyethylene with impact-absorbing ridges. Vertical adjustments for proper crown height positioning. Universal accessory slots. Pillowed brow band.

Meets ANSI Z89.1-2009 standard, Type I, Class G & E.

Stk.	Mfr.	Color	Price
<b>687801</b>	GHR6-WHITE	White	<b>WEB</b>
<b>687800</b>	GHR6-ORANGE	Orange	<b>WEB</b>



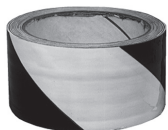
### Starter Safety Kit

**Radians** Kit provides convenience and helps with compliance.

Includes foam earplugs, corded with case, Mirage safety eyewear with clear frame/lens, cap style hard hat with 6-point ratchet suspension and large foam nitrile palm gloves.

Stk.	Mfr.	Item	Price
<b>687823</b>	RN HK1	Safety Kit	<b>WEB</b>
<b>687824</b>	RN HK5	Safety Kit with Bag	<b>WEB</b>

## SAFETY TAPE & PAINT



### Safety Stripe Warning Tape

**Incom** Tape has bright, durable warning stripes protected by clear laminated film to provide a bold, long lasting warning tape. Self-sticking tape adheres easier, faster and outlasts painted stripes.

Stk.	Mfr.	Width	Length	Color	Price
<b>590346</b>	VHT210	2"	18 yd.	black/yellow	<b>WEB</b>
<b>590364</b>	VHT211	2"	18 yd.	red/white	<b>WEB</b>
<b>590347</b>	WT2110	2"	36 yd.	black/yellow	<b>WEB</b>
<b>590365</b>	WT2200	2"	36 yd.	red/white	<b>WEB</b>



478700



478698



478710

### Contractor-grade Nonskid Tape

**Incom** High-traction tape with durable 46-grit aluminum oxide compound provides longevity for general purpose indoors/outdoors. Good water and chemical resistance.

#### Black

Stk.	Mfr.	Width	Length	Price
<b>478700</b>	SG7002CB	2"	60'	<b>WEB</b>
<b>478701</b>	SG7004CB	4"	60'	<b>WEB</b>
<b>478702</b>	SG7006CB	6"	60'	<b>WEB</b>

#### Yellow/Black Striped

Stk.	Mfr.	Width	Length	Price
<b>478698</b>	SG3902YB	2"	60'	<b>WEB</b>

#### Yellow/Black "Caution Watch Your Step"

Stk.	Mfr.	Width	Length	Price
<b>478710</b>	SG8903PT	3"	60'	<b>WEB</b>



### AntiSlip Spray

**Rust-Oleum** AntiSlip coating creates a non-skid surface on concrete, metal and wood. The fast drying formula dries clear and can be applied for indoor and outdoor use.

Stk.	Mfr.	Color	Size	Price
<b>963053</b>	271455	Clear	12 oz.	<b>WEB</b>

## SAFETY SIGNS



### Multilingual Closed Floor Sign

**Rubbermaid** Two-sided, with multilingual "Closed" imprint. Molded, light weight, folds. ANSI- and OSHA-compliant color/graphics.

English, Spanish, German and French.

Stk.	Mfr.	Size	Price
<b>532815</b>	FG611278YEL	11"W x 26"H	<b>WEB</b>



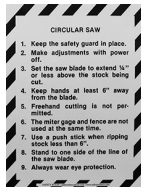
### Orange Traffic & Safety Cone

**MSA** Durable 1-piece, PVC cone stays flexible in all weather conditions. High-visibility fluorescent orange is ultraviolet stabilized for fade resistance. Stable high-density base.

Meets MUTCD specifications.

Stk.	Mfr.	Size	Price
<b>943029</b>	10073409	11"L x 11"W x 18"H	<b>WEB</b>





## Machine Safety Rules

**Safety Rules** Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

Stk.	Mfr.	Item	Size	Price
<a href="#">770385</a>	1	Circular Saw	8" x 11"	<b>WEB</b>
<a href="#">770386</a>	2	Jointer	8" x 11"	<b>WEB</b>
<a href="#">770387</a>	3	Jig Saw	8" x 11"	<b>WEB</b>
<a href="#">770388</a>	4	Band Saw	8" x 11"	<b>WEB</b>
<a href="#">770389</a>	5	Wood Lathe	8" x 11"	<b>WEB</b>
<a href="#">770390</a>	6	Radial Arm Saw	8" x 11"	<b>WEB</b>
<a href="#">770391</a>	7	Disc/Belt Sander	8" x 11"	<b>WEB</b>
<a href="#">770392</a>	8	Surfacer	8" x 11"	<b>WEB</b>
<a href="#">770393</a>	10	Wood Shaper	8" x 11"	<b>WEB</b>
<a href="#">770394</a>	11	Drill Press	8" x 11"	<b>WEB</b>
<a href="#">770395</a>	12	Grinder	8" x 11"	<b>WEB</b>
<a href="#">770396</a>	13	Gas Welding	8" x 11"	<b>WEB</b>
<a href="#">770397</a>	14	Electric Welding	8" x 11"	<b>WEB</b>
<a href="#">770398</a>	15	Metal Lathe	8" x 11"	<b>WEB</b>
<a href="#">770399</a>	16	Milling Machine	8" x 11"	<b>WEB</b>
<a href="#">770400</a>	17	Vertical Band Saw	8" x 11"	<b>WEB</b>
<a href="#">770401</a>	20	Horizontal Band Saw	8" x 11"	<b>WEB</b>



## General Shop Safety Signs

**Safety Rules** Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

### Eye Protection Required

Stk.	Mfr.	Size	Price
<a href="#">770370</a>	A	8" x 11"	<b>WEB</b>

### Keep Guard in Place

Stk.	Mfr.	Size	Price
<a href="#">770371</a>	B	8" x 11"	<b>WEB</b>

### Think! Accidents are Avoidable!

Stk.	Mfr.	Size	Price
<a href="#">770372</a>	C	8" x 11"	<b>WEB</b>

### Keep Fingers Away From Moving Parts

Stk.	Mfr.	Size	Price
<a href="#">770373</a>	F	8" x 11"	<b>WEB</b>

### Keep the Shop Clean and Orderly

Stk.	Mfr.	Size	Price
<a href="#">770374</a>	G	8" x 11"	<b>WEB</b>

### No Running or "Horseplay" in the Shop

Stk.	Mfr.	Size	Price
<a href="#">770375</a>	H	8" x 11"	<b>WEB</b>

### Do Not Bother Machine Operators

Stk.	Mfr.	Size	Price
<a href="#">770376</a>	J	8" x 11"	<b>WEB</b>

### Put Tools Back in Their Proper Place

Stk.	Mfr.	Size	Price
<a href="#">770377</a>	K	8" x 11"	<b>WEB</b>

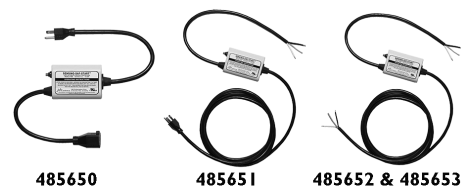
### Machines Have No Brains. Use Yours!

Stk.	Mfr.	Size	Price
<a href="#">770378</a>	L	8" x 11"	<b>WEB</b>

### Safety Instruction Required Before You Operate Machines

Stk.	Mfr.	Size	Price
<a href="#">770379</a>	M	8" x 11"	<b>WEB</b>

## POWER SAFETY CONTROLS



### Restart Safety Plugs

**JDS Products** The easy-to-install, inexpensive solution to anti-automatic restart safety, without the high cost of magnetic motor starters. The Sensing-Saf-Start® Plug prevents equipment restart following a power interruption, and will not allow a reset until the equipment switch has been turned off.

- Upgrades small machines to meet latest safety requirements
- Plugs into machine power cord & plug (Model 1996)
- Replaces old, frayed, ungrounded power cords (Models 1997, 98, 99)
- Complies w/latest OSHA & NFPA safety standards
- Offers electrical disconnect compliance by unplugging
- Installs in minutes on: drill presses, belt sanders, band saws, power hack-saws, cut-off machines, table saws, small lathes, small milling machines, scroll saws & tool grinders

**You must install any matching plugs on the power cord.**

**Model 1996** For 120V machines w/a good power cord & plug (when cord is not frayed & plug has a ground pin). **Includes** short extension-cord style, 14" cord on male plug end, 12" cord on female receptacle end.

Stk.	Mfr.	Volts	Amps	Price
<a href="#">485650</a>	1996	120	15	<b>WEB</b>

**Model 1997** For all 120V machines w/an old cord &/or you want the reset button closer to the machine for easy access, but still plugged into a duplex-type outlet. Plug is on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord w/molded plug on power end.

Stk.	Mfr.	Volts	Amps	Price
<a href="#">485651</a>	1997	120	15	<b>WEB</b>

**Model 1998** For 120V machines w/an old cord &/or you want to connect to a disconnect box, or install either a 20 amp or twisting lock-type plug on the cord. Sensing-Saf-Start housing is located close to the machine w/out a plug on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
<a href="#">485652</a>	1998	120	18	<b>WEB</b>

**Model 1999** For 200-240V, single phase machines (3-wire). You must install any matching plugs on the power cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
<a href="#">485653</a>	1999	200-240	15	<b>WEB</b>



### iVac Switch Box

**BCTINT** Used for tools and dust collectors operating on 115 Vac @ 15 Amps maximum. Automatically turns on your dust collector (up to 1 HP) or shop vacuum when you turn on a power tool plugged into the unit. The dust collector will continue to run for 6 seconds after the tool has been turned off in order to clear any dust and debris in the hoses.

**TUV safety approval and conforms to UL STD 244A and certified to CSA STDC22.2 #14.**

Stk.	Mfr.	Price
<b>529500</b>	SB-NA	<b>WEB</b>

## SAFETY CANS



### Funnel

**Eagle** Funnel may be used with safety cans. Fits snugly as a spout or can be detached and used as a funnel. Self-venting.

Stk.	Mfr.	Size	Price
<b>378469</b>	F-15	9"L	<b>WEB</b>



### Type I Safety Can w/Funnel

**Eagle** Safety spring on spout closes cap tightly. Double-walled brass flame arrestor absorbs and dissipates hot air to keep vapor temperature below ignition point. Attach self-venting 9" funnel for use as a spout.

**Meets OSHA requirements.**

Stk.	Mfr.	Capacity	Height	Price
<b>378134</b>	UI-10-FS	1 gal.	10"	<b>WEB</b>
<b>378140</b>	UI-20-FS	2 gal.	9-1/2"	<b>WEB</b>
<b>378201</b>	UI-50-FS	5 gal.	13-1/2"	<b>WEB</b>



### Steel Oily Waste Can

**Justrite** Combustion-safe can helps dispose of solvent and oily waste, rags and other material subject to spontaneous combustion. Self-closing, hands-free cover snaps shut, stays shut when pedal is released. Lead-free galvanized steel body with reinforcing ribs. Round, raised can with flow-through base. Powder-coated bright red finish with trilingual safety label. 10-yr. mfr.'s warranty.

**Meets OSHA requirements. FM & UL approved.**

Stk.	Mfr.	Capacity	Height	Price
<b>492200</b>	09100	6 gal.	15-7/8"H	<b>WEB</b>
<b>492205</b>	09300	10 gal.	18-1/4"H	<b>WEB</b>

## SAFETY STORAGE CABINETS



### Bench-top Flammable Safety Cabinet

**Durham** All welded, double wall 16 ga. steel construction. Electric ground on each cabinet to aid in the elimination of electrostatic discharge. Recessed lockable paddle latch and 3-point locking system. Fully assembled and ready for use. Safety Yellow, powder coated finish.

**Includes** leveling feet.

**FM approved, NFPA 30, OSHA.**

Stk.	Mfr.	Capacity	Size	Price
<b>345107</b>	1012MH-50	12 gal.	43"W x 18"D x 17-5/16"H	<b>WEB</b>



### 1-Door Flammable Safety Cabinet

**Durham** All welded, double wall 16 ga. steel construction. Electric ground on each cabinet to aid in the elimination of electrostatic discharge. Recessed lockable paddle latch and 3-point locking system. Fully assembled and ready for use. Safety Yellow, powder coated finish.

**Includes** leveling feet.

**FM approved, NFPA 30, OSHA.**

Stk.	Mfr.	Capacity	Size	Price
<b>345101</b>	1016M-50	16 gal.	23"W x 18"D x 44"H	<b>WEB</b>



### 2-Door Flammable Safety Cabinet

**Durham** All welded, double wall 16 ga. steel construction. Electric ground on each cabinet to aid in the elimination of electrostatic discharge. Recessed lockable paddle latch and 3-point locking system. Fully assembled and ready for use. Safety Yellow, powder coated finish.

**Includes** leveling feet.

**FM approved, NFPA 30, OSHA.**

Stk.	Mfr.	Capacity	Size	Price
<b>345102</b>	1030M-50	30 gal.	43"W x 18"D x 44"H	<b>WEB</b>
<b>345103</b>	1045M-50	45 gal.	43"W x 18"D x 65"H	<b>WEB</b>
<b>345104</b>	1060M-50	60 gal.	34"W x 34"D x 65"H	<b>WEB</b>



### Paint and Ink Flammable Safety Cabinet

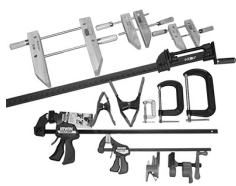
**Durham** All welded, double wall 16 ga. steel construction. Electric ground on each cabinet to aid in the elimination of electrostatic discharge. Recessed lockable paddle latch and 3-point locking system. Fully assembled and ready for use. Safety Yellow, powder coated finish.

**Includes** leveling feet.

**FM approved, NFPA 30, OSHA.**

Stk.	Mfr.	Capacity	Size	Price
<b>345105</b>	1030MPI-50	30 gal.	43"W x 12"D x 65"H	<b>WEB</b>
<b>345106</b>	1060MPI-50	60 gal.	43"W x 18"D x 65"H	<b>WEB</b>

## CLAMPS



### 24-Piece Clamp Starter Set

**Midwest**

**Includes** 6 Bessey Handscrew Clamps (2 ea. 6", 8", 12"), 6 Bessey C-Clamps (2 ea. 2", 4", 6" max. opening), 2 Wilton Bar Clamps 4", 2 Bessey Pipe Clamps 3/4", 4 Bessey Spring Clamps (2 ea. 2", 3") and 4 Quick-Grip Bar Clamps (2 ea. 12", 24").

Stk.	Mfr.	Price
<b>544847</b>	MW-CLAMP	<b>WEB</b>



### 22-Piece Clamp Set

**Midwest**

**Includes** 6 expandable bar clamps (2 ea. 6", 12", 24"), 12 medium-duty bar clamps (4 ea. 6", 12" and 2 ea. 24", 36") and 4 heavy-duty bar clamps (2 ea. 24", 36").

Stk.	Mfr.	Price
<b>544846</b>	MW-7340	<b>WEB</b>



### Clutch Style Bar Clamp

**Bessey** Regular duty clutch style bar clamp is easy-to-use and suitable for "close quarters" clamping. Powder coated, ductile cast iron jaws with nickel plated, serrated rail. 2-piece slip clutch plates hold jaw firmly in place. Non-marring pads on the top and bottom jaws. Ergonomically shaped, standard wood handle.

#### 2-1/2" Throat. 600 lbs. Load Limit.

Stk.	Mfr.	Max. Opening	Price
<b>236785</b>	GSCC2.506	6"	<b>WEB</b>
<b>236786</b>	GSCC2.512	12"	<b>WEB</b>
<b>236787</b>	GSCC2.518	18"	<b>WEB</b>
<b>236788</b>	GSCC2.524	24"	<b>WEB</b>
<b>236789</b>	GSCC2.530	30"	<b>WEB</b>
<b>236790</b>	GSCC2.536	36"	<b>WEB</b>

#### 3-1/2" Throat. 1,100 lbs

Stk.	Mfr.	Max. Opening	Price
<b>236805</b>	GSCC3.506+2K	6"	<b>WEB</b>
<b>236806</b>	GSCC3.512+2K	12"	<b>WEB</b>
<b>236807</b>	GSCC3.518+2K	18"	<b>WEB</b>
<b>236808</b>	GSCC3.524+2K	24"	<b>WEB</b>
<b>236809</b>	GSCC3.536+2K	36"	<b>WEB</b>



### I-Bar Clamps

**Wilton** Rapid-acting powerful clamp constructed for hard, everyday production work.

Patented quick-action, no-slip clutches are 3/4" apart and formed in the web for greater bar strength. High-strength ductile slide cannot slip or bind, and is easily released. Steel handle with comfortable wood crank handle for fast clamping.

Bar 7/16" x 1-1/2". Throat 1-13/16". Capacity 6,000 lbs.

Stk.	Mfr.	Max. Opening	Price
<b>961211</b>	21801	24"	<b>WEB</b>
<b>961278</b>	21803	36"	<b>WEB</b>
<b>961345</b>	21804	48"	<b>WEB</b>
<b>961412</b>	21805	60"	<b>WEB</b>
<b>961479</b>	21806	72"	<b>WEB</b>



### K Body® Revo™ Jr. Parallel Bar Clamp

**Bessey** With up to 900 lbs. of clamping force, the REVO™ can handle almost any precision clamping task. 90° jaws make cabinet work, frame ups, drawers and any other right-angle glue-up a much easier task. Lighter weight means less exertion, and less user fatigue. Large

clamp surface and wood grip handle. Removable pressure caps for cleaning.

Stk.	Mfr.	Max. Opening	Throat	Price
<b>236830</b>	KRJR-12	12"	3.25"	<b>WEB</b>
<b>236831</b>	KRJR-24	24"	3.25"	<b>WEB</b>
<b>236832</b>	KRJR-36	36"	3.25"	<b>WEB</b>
<b>236833</b>	KRJR-50	50"	3.25"	<b>WEB</b>



### Auto-Adjust Bar Clamp

**Kreg** Highly durable, all-metal construction. Extra-large clamp faces spread clamping pressure evenly. Auto-adjust technology automatically adjusts to material thickness. Easy-to-regulate clamping force using a simple thumbscrew. Ergonomic padded grips prevent hand fatigue.

Stk.	Mfr.	Max. Opening	Throat	Price
<b>793945</b>	KSC8	8"	1-1/2"	<b>WEB</b>
<b>793946</b>	KSC16	16"	1-1/2"	<b>WEB</b>
<b>793947</b>	KSC24	24"	1-1/2"	<b>WEB</b>



### One-handed Micro Bar Clamp

**Quick-Grip** Ideal for most clamping and holding needs on small craft projects. Made of strong, high-tech resin. With reversible pads, it easily converts into a spreader.

Spread capacity: 3-1/8" x 8"

Stk.	Mfr.	Max. Opening	Throat	Qty.	Price
<b>619030</b>	1964746	4-1/4"	1-3/16"	1	<b>WEB</b>
<b>619031</b>	1964747	4-1/4"	1-3/16"	2	<b>WEB</b>



### Mini One-Handed Bar Clamp

**Quick-Grip** Quick-Release™ trigger clamp is ideal for clamping/gluing and holding work pieces. Non-marring full-faced pads grip firmly and protect work.

Bar 3/8". Clamping pressure 140 lbs.

Stk.	Mfr.	Max. Opening	Throat	Price
<b>619026</b>	1964742	6"	2-7/16"	<b>WEB</b>
<b>619028</b>	1964744	12"	2-7/16"	<b>WEB</b>



### Medium-duty One-handed Bar Clamp/Spreaders

**Quick-Grip** Quick-Release™ clamp evenly distributes up to 300 lbs. of sustained clamping pressure. I-beam bar reduces flexing and bowing.

Throat: 3-3/16"

Stk.	Mfr.	Max. Opening	Spread Capacity	Price
<b>619021</b>	1964717	6"	7-7/8" - 13-3/8"	<b>WEB</b>
<b>619022</b>	1964718	12"	7-7/8" - 19-3/8"	<b>WEB</b>
<b>619023</b>	1964719	18"	7-7/8" - 25-3/8"	<b>WEB</b>
<b>619024</b>	1964720	24"	7-7/8" - 31-3/8"	<b>WEB</b>
<b>619025</b>	1964741	36"	7-7/8" - 43-3/8"	<b>WEB</b>



### Heavy-duty One-handed Bar Clamp/Spreaders

**Quick-Grip** Quick-Release™ clamp evenly distributes up to 600 lbs. of sustained clamping pressure. Dual removable swivel jaws and non-marring, full-faced pads distribute clamping force. Pads can be removed to combat flexing at

extreme pressure and to conform to irregular shapes.

Throat: 3-5/8"

Stk.	Mfr.	Max. Opening	Spread Capacity	Price
<b>619010</b>	1964711	6"	9-1/4" - 14-7/8"	<b>WEB</b>
<b>619011</b>	1964712	12"	9-1/4" - 20-7/8"	<b>WEB</b>
<b>619012</b>	1964713	18"	9-1/4" - 26-7/8"	<b>WEB</b>
<b>619013</b>	1964714	24"	9-1/4" - 32-7/8"	<b>WEB</b>
<b>619014</b>	1964715	36"	9-1/4" - 44-7/8"	<b>WEB</b>
<b>619015</b>	1964716	50"	9-1/4" - 58-7/8"	<b>WEB</b>

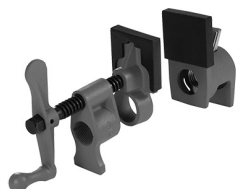


### One-handed EZS Clamp

**Bessey** I-handed clamping and spreading of work pieces with up to 445 lbs. clamping force. Upper section quickly converts from clamping to spreading. Ergonomic plastic handle with pump lever behind the rail enables a powerful grip. Soft pressure caps optimize material protection and

secure clamping. Throat depth extends to the outside edge of the pads.

Stk.	Mfr.	Max. Opening	Throat	Price
<b>236765</b>	EZS15-8	6"	3-1/2"	<b>WEB</b>
<b>236766</b>	EZS30-8	12"	3-1/2"	<b>WEB</b>
<b>236767</b>	EZS45-8	18"	3-1/2"	<b>WEB</b>
<b>236768</b>	EZS60-8	24"	3-1/2"	<b>WEB</b>
<b>236769</b>	EZS90-8	36"	3-1/2"	<b>WEB</b>



### Traditional Pipe Clamp

**Bessey** Commonly used in woodworking applications for edge gluing of multiple pieces. The versatility of the reach comes from the ability to use a variety of lengths of pipe to suit your needs. Foot assembly stabilizes clamp, extra high base provides finger-saving clearance from

the work surface. Cast jaws for durability, hex head on spindle facilitates clamping (not to augment clamping force). Pads included on fixture.

**Pipe not included.**

Stk.	Mfr.	I.D. Pipe	Price
<b>236850</b>	PC12-2	1/2"	<b>WEB</b>
<b>236851</b>	PC34-2	3/4"	<b>WEB</b>



### Pipe Clamps

**Quick-Grip** Clutch system eliminates need for threaded pipe. Large feet offer stability and clearance between handle

and work top. Large ergo handle for clamping with reduced hand fatigue. Large clutch plates allow easy release and increased durability and dependability.

**Black pipe not included.**

Stk.	Mfr.	Clamp Face	I.D. Pipe	Price
<b>619208</b>	224134	1-7/8"	3/4"	<b>WEB</b>
<b>619209</b>	224212	1-1/2"	1/2"	<b>WEB</b>



### Handi Clamps

**Quick-Grip** With just one-hand you'll squeeze to adjust and lock, click to release this lightweight portable clamp. It holds even odd-shaped objects for screwing, gluing and all kinds of jobs where you need to hold things in place or out of your way. This durable resin-constructed tool with non-marring swivel pads secures tightly or lightly.

Stk.	Mfr.	Max. Opening	Price
<b>619237</b>	59200CD	2"	<b>WEB</b>
<b>619241</b>	59400CD	4"	<b>WEB</b>



### Light Duty C-Clamp

**Bessey** Drop forged C-Clamp designed specifically for general purpose and light duty applications. Swivel pad moves freely to adapt to various surfaces. Crimped to screw for long-life. Smoothly rolled threads and steel sliding pin for use in tight spaces.

### Galvanized

Stk.	Mfr.	Max. Opening	Throat	Price
<b>236750</b>	CM10	1"	1"	<b>WEB</b>
<b>236751</b>	CM15	1-1/2"	1-1/2"	<b>WEB</b>
<b>236752</b>	CM20	1-7/8"	1-1/2"	<b>WEB</b>
<b>236753</b>	CM22	2-1/2"	1-3/8"	<b>WEB</b>
<b>236754</b>	CM30	2-7/8"	1-3/4"	<b>WEB</b>

### Powder Coated

Stk.	Mfr.	Max. Opening	Throat	Price
<b>236755</b>	CM40	4"	3"	<b>WEB</b>
<b>236756</b>	CM50	5"	3"	<b>WEB</b>
<b>236757</b>	CM60	6"	3"	<b>WEB</b>
<b>236758</b>	CM80	8-1/4"	4"	<b>WEB</b>



### 540A Series C-Clamp

**Wilton** Ideal for woodworking and repair applications. Black oxide coating, oscillating head and sliding cross pin handle. Frames made from high strength ductile iron castings. Mfr.'s lifetime warranty.

Stk.	Mfr.	Max. Opening	Throat	Price
<b>958950</b>	22001	2-1/2"	1-3/4"	<b>WEB</b>
<b>958951</b>	22002	3"	1-7/8"	<b>WEB</b>
<b>958952</b>	22003	4"	2-1/16"	<b>WEB</b>
<b>958953</b>	22004	5"	2-1/2"	<b>WEB</b>
<b>958954</b>	22005	6"	2-3/4"	<b>WEB</b>
<b>958955</b>	22006	8"	3-1/4"	<b>WEB</b>
<b>958956</b>	22007	10"	3-5/8"	<b>WEB</b>
<b>958957</b>	22008	12"	3-5/8"	<b>WEB</b>



### Metal Spring Clamps

**Quick-Grip** Metal spring clamp with soft-grip pads for easy grip and comfort. For light-duty clamping.

Stk.	Mfr.	Max. Opening	Price
<b>619522</b>	222601	1"	<b>WEB</b>
<b>619523</b>	222702	2"	<b>WEB</b>
<b>619524</b>	222803	3"	<b>WEB</b>





### Steel Spring Clamp with Vinyl Pads

**Bessey** Heavy-duty spring for a tight fit. Nickel plating to prevent corrosion. Made with vinyl tips to prevent marring and vinyl handles for a non-slip grip.

Stk.	Mfr.	Max. Opening	Throat	Price
<a href="#">236993</a>	XM3	1"	1-1/4"	<b>WEB</b>
<a href="#">236994</a>	XM5	2"	2-1/4"	<b>WEB</b>
<a href="#">236995</a>	XM7	3"	3-5/16"	<b>WEB</b>
<a href="#">236996</a>	XM10	4"	5"	<b>WEB</b>



### High-tech Resin Spring Clamps

**Quick-Grip** One-hand use. Soft pliable pads protect fine finishes. Constructed from the same strong, lightweight and rust-resistant resin material as Quick-Grip bar clamps. Perfect for indoor and outdoor use. Contoured jaw holds round/

odd-shaped objects. Removable pads Comfort hand-span handles. Ergonomic non-slip handles.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<a href="#">619551</a>	58100	4"	1"	1"	<b>WEB</b>
<a href="#">619552</a>	58200	6-1/2"	2"	2"	<b>WEB</b>
<a href="#">619253</a>	58300	9"	3"	3"	<b>WEB</b>



### Mini Spring Clamps

**Bora** Give yourself an extra hand with these tough polymer mini spring clamps. Compact and perfect for smaller clamping needs or tight spaces. Pivoting clamp edges ensure a solid grip.

Stk.	Mfr.	Max. Opening	Qty.	Price
<a href="#">193618</a>	540520	1"	20	<b>WEB</b>



### Handscrew Clamp

**Bessey** Durable, oiled hardwood jaws will not mar the workpiece and easily adjust for use with irregular shapes. Cold-drawn, carbon-steel spindles and swivel nuts. Acme thread for quick clamping. Large handles for comfort and torque. Metal parts are treated to resist rust.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<a href="#">236780</a>	HS-6	6"	3"	3"	<b>WEB</b>
<a href="#">236781</a>	HS-8	8"	5"	4"	<b>WEB</b>
<a href="#">236782</a>	LHS10	10"	7"	6"	<b>WEB</b>
<a href="#">236783</a>	HS-12	12"	9-1/4"	6"	<b>WEB</b>



### NGX Clamp Edge Saw Guide

**Bora** It's never been easier to rip, cut, and break down material than with the all-new NGX Clamp Edge™ System. No more fumbling with adjustable clamp ends on opposite

sides of the straight edge. The adjustable clamp is connected to the handle. Simply hook the Clamp Edge across your board, line it up with your cut, and clamp it down.

Stk.	Mfr.	Length	Price
<a href="#">193635</a>	544024	24"	<b>WEB</b>
<a href="#">193636</a>	544036	36"	<b>WEB</b>
<a href="#">193637</a>	544050	50"	<b>WEB</b>



### 3-Way Edge Clamp

**Bessey** Simple in design, lightweight and perfect for basic edging jobs. Adjustable 3 ways to align center jaw in the right place to apply pressure. Clamping force 300 lbs.

Stk.	Mfr.	Max. Opening	Throat	Price
<a href="#">236730</a>	B-EC3	2-1/2"	2-1/2"	<b>WEB</b>



### GTR Track/Table Clamp

**Bessey** For secure fastening of guide rails from Festool, Pro-tool, Metabo, Makita, Hitachi, etc. and for clamping in profiles as well as work tables. Ergonomically shaped wooden handle with forged fixed arm for 12 x 8 mm grooves.

Stk.	Mfr.	Throat	Capacity	Price
<a href="#">236800</a>	GTR16B6	2-5/16"	6-5/16"	<b>WEB</b>



### Hold Down Clamp

**Shop Fox** Mount this clamp anywhere on your bench for convenient clamping.

Stk.	Mfr.	Max. Opening	Throat	Price
<a href="#">785731</a>	D4097	3-1/4"	1-1/2"	<b>WEB</b>



### Corner Clamp

**Bessey** Economical, light duty alternative for fixed 90° angle for miter or butt joints. Use mounting holes to fix work piece to work surface. Adjusts to various sized work pieces with 2 spindles. Clamping capacity up to 2-3/4" per side.

Stk.	Mfr.	Price
<a href="#">236968</a>	WS-1	<b>WEB</b>



### Double Corner Clamp

**Shop Fox** Secure 90° T and corner joints quickly and securely with this precision-cast, twin-screw miter clamp. Clamp features a push-button system that allows you to adjust the clamp heads without time-consuming screwing or unscrewing. Dependable acme screw movement.

Stk.	Mfr.	Jaw Capacity	Price
<a href="#">785751</a>	D4145	2-3/8"	<b>WEB</b>



### Toggle Clamps

**Shop Fox** Quick-action clamps are extremely useful for bench-mounted jigs and special jigs for machinery. Steel toggle clamps affix to the work surface. Red rubber-grip handle.

### Clamp Down

Stk.	Mfr.	Size	Holding Force	Locked Handle	Price
<a href="#">785800</a>	D4134	3" x 3"	200 lbs.	Up	<b>WEB</b>
<a href="#">785805</a>	D4152	7" x 2"	500 lbs.	Down	<b>WEB</b>
<a href="#">785803</a>	D4142	6" x 8.5"	792 lbs.	Up	<b>WEB</b>

### Push Down

Stk.	Mfr.	Size	Holding Force	Locked Handle	Price
<a href="#">785802</a>	D4136	3" x 2.5"	100 lbs.	Up	<b>WEB</b>
<a href="#">785801</a>	D4135	7" x 5"	300 lbs.	Up	<b>WEB</b>
<a href="#">785804</a>	D4149	6.5" x 4"	500 lbs.	Up	<b>WEB</b>



### Angle Clamp

**Irwin** Designed to hold, fix and align material at a 90° angle. Clamp at maximum opening will accommodate 3" thick material.

Stk.	Mfr.	Price
<b>619212</b>	226410	<b>WEB</b>



### Band Clamp

**Irwin** Band clamp designed to clamp large, irregular shaped items. Nylon band with metal mechanical parts.

Stk.	Mfr.	Capacity	Size	Price
<b>619211</b>	226100	350 lbs.	1"W x 15'L	<b>WEB</b>



### Variable Angle Strap Clamp

**Bessey** High quality strap clamp applies positive, even pressure on all joints. Perfect for clamping square, round, rectangular or irregular shapes. Integrated rewind mechanism is operated with a crank handle which eliminates tangling and damage to the strap. Vario clip corners with twin-tilting pressure pads auto-adjust from 60° to 180° for easy assembly of most multi-angle projects. Woven polyester band provides high resistance tearing. Steel wire loop opens quickly and simply to adjust or release glue-up.

**Includes** 4 pivoting Vario corner clips.

Stk.	Mfr.	Capacity	Price
<b>236936</b>	VAS-23+2K	23'	<b>WEB</b>

### Variable Angle Strap Clamp Corner Clips

**Bessey** Vario corner clips with twin-tilting pressure pads are a great accessory to the Variable Angle Strap Clamp Mfr. VAS-23+2K. Corner clips auto-adjust to pressure with a range of angle of 60° to 180°.

Stk.	Mfr.	Qty.	Price
<b>236930</b>	VAC-6	6	<b>WEB</b>



### The Original™ Locking C-Clamps

**Vise-Grip** Powerful locking mechanism. Jaws open wide. Guarded release helps keep work fast and safe. Adjusting screw gives exacting pressure. Locks work with the squeeze of 1 hand. Tough high-grade, heat-treated alloy steel.

#### Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>619070</b>	6R	6"	2-1/8"	1-1/2"	<b>WEB</b>
<b>619402</b>	11R	11"	4"	2-5/8"	<b>WEB</b>
<b>619455</b>	18R	18"	8"	9-1/2"	<b>WEB</b>
<b>619492</b>	18DR	18"	7-1/2"	9-1/2"	<b>WEB</b>

#### Swivel Pads

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>618996</b>	4SP	4"	1-5/8"	1-1/4"	<b>WEB</b>
<b>619075</b>	6SP	6"	2-1/8"	1-1/2"	<b>WEB</b>
<b>619408</b>	11SP	11"	4"	2-5/8"	<b>WEB</b>
<b>619460</b>	18SP	18"	8"	9-1/2"	<b>WEB</b>



### Locking C-Clamps

**Crescent** Rust-resistant, nickel-plated finish. Maximum jaw

opening meets ASME standards. Precisely machined ferrule for fine jaw adjustment. Powerful, non-slip compound locking grip allows easy positioning of workpiece.

#### Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>310632</b>	C6CCVN	6"	2"	1-5/8"	<b>WEB</b>
<b>310634</b>	C11CCVN	11"	4"	3-1/16"	<b>WEB</b>

#### Swivel Pads

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>310633</b>	C6CCSVN	6"	2-1/8"	1-1/2"	<b>WEB</b>
<b>310635</b>	C11CCSVN	11"	4"	2-3/4"	<b>WEB</b>

#### Welding Clamp w/Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>310637</b>	C9WN	9"	1-1/2"	2-5/16"	<b>WEB</b>



### Locking Panel Clamp

**Vise-Grip** Designed to move in a straight-line motion to allow more access to work area for quick clamping and alignment of auto body panels. Ideally suited for automotive and welding applications.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>619495</b>	9AC	7"	3/8"	7/32"	<b>WEB</b>



### The Original™ Locking Welding Clamp

**Vise-Grip** U-shaped for visibility & working space. Holds work in proper alignment.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>619268</b>	9R	9"	1-5/8"	2-3/4"	<b>WEB</b>



### Locking Chain Clamp

**Vise-Grip** Holds and locks around any shape, any size. 18" chain length, 9" tool length.

Stk.	Mfr.	Price
<b>619469</b>	20R	<b>WEB</b>

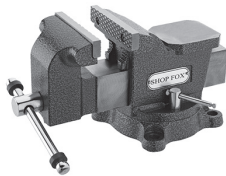
## VICES



### Utility Bench Vise with Swivel Base

**Wilton** Utility vise with a 30,000 psi gray cast iron body and movable jaw with a 60,000 psi iron base. Large anvil, built-in pipe jaws and a 360° locking swivel base. Dual lock-downs and 4 mounting posts ensure maximum stability while in use.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Pipe Jaw Capacity	Price
<b>979410</b>	28818	4-1/2"	4"	2-3/4"	1/8" to 1-1/2"	<b>WEB</b>
<b>979411</b>	28819	5-1/2"	5"	3-1/4"	1/4" to 2"	<b>WEB</b>



### Bench Vice with Swivel Base

**Shop Fox** Precision made bench vise features heavy castings, 360° swivel range with 2 locking levers, pipe jaws and a perfectly flat anvil face. Milled square center slide ensures jaws stay aligned as the vise is tightened.

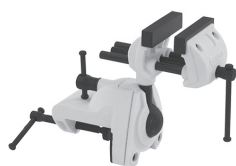
Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
<b>785701</b>	D3248	4"	3-3/4"	2-1/4"	<b>WEB</b>
<b>785702</b>	D3249	5"	5-1/2"	2-3/4"	<b>WEB</b>
<b>785703</b>	D3250	6"	6-1/4"	3"	<b>WEB</b>



### Light Duty Bench Vice w/Clamp-On Base

**Columbian** Small, portable lightweight vise for light shop work. Cast iron body with built-in pipe jaws. Double steel guide bars keep jaws aligned.

Stk.	Mfr.	Item	Jaw Width	Jaw Capacity	Throat	Price
<b>962525</b>	33150	Stationary Base	3"	2"	2-5/8"	<b>WEB</b>
<b>962526</b>	33153	Swivel Base	3"	2"	2-5/8"	<b>WEB</b>



### Multi-Angle Base Vise

**Stanley** For arts and crafts, model building and electronics. Infinite and lockable positioning with swivel-ball design. Easily attaches to most work surfaces with integral screw clamp. Durable cast-aluminum, steel construction and removable jaw pads.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
<b>864648</b>	83-069M	2-7/8"	4"	2-1/4"	<b>WEB</b>

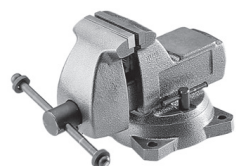


### Tradesman Round Channel Vise

**Wilton** Round channel vise designed to handle the most demanding clamping applications. Vise nut is anchored at the rear providing straight line pull and even pressure. Enclosed

spindle and nut assembly keeps debris out and lubrication in for a lifetime of smooth operation.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Pipe Jaw Capacity	Price
<b>979403</b>	28805	4-1/2"	3-1/2"	3-1/4"	1/4" to 2-1/2"	<b>WEB</b>
<b>979404</b>	28806	5-1/2"	5"	3-3/4"	1/4" to 3"	<b>WEB</b>
<b>979405</b>	28807	6-1/2"	6"	4"	1/4" to 3-1/2"	<b>WEB</b>
<b>979406</b>	28808	8"	6-3/4"	4-3/4"	1/8" to 3-1/2"	<b>WEB</b>



### Mechanics Vises w/Swivel Base

**Wilton** Professional, heavy-duty mechanic's vise with 30,000 psi castings for strength and long life. Large anvil work surface. Swivel base rotates 360° and has maximum stability double lockdowns. Durable, scratch-resistant, powder coated paint. Replaceable hardened steel top and pipe jaws. Lifetime mfr.'s warranty.

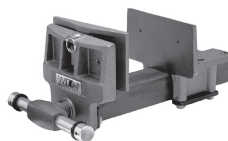
Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
<b>958971</b>	21400	5"	5-1/4"	3-3/4"	<b>WEB</b>
<b>958972</b>	21500	6"	5-3/4"	4-1/8"	<b>WEB</b>
<b>958973</b>	21800	8"	8-1/4"	4-3/4"	<b>WEB</b>



### Machinist Round Channel Vise with Swivel Base

**Wilton** Massive cast iron vise body is virtually indestructible. Sealed construction keeps lubrication in and contaminants out for a lifetime of smooth operation. Precision slide bar eliminates movement in the front jaw regardless of opened distance. Longer spindle nut ensures smooth movement and a stronger straight-line pull.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Throat	Price
<b>979804</b>	300S	3"	4-3/4"	2-5/8"	<b>WEB</b>
<b>980072</b>	400S	4"	6-1/2"	3-1/2"	<b>WEB</b>
<b>980340</b>	500S	5"	8"	4-1/4"	<b>WEB</b>



### Pivot Jaw Woodworkers Vise

**Wilton** Spindle is fully enclosed to protect threads from dust and glue. Front jaw pivots 10° for clamping irregular shapes. USA made. Front jaw moves up 9/16" for full-length dog action. Pivot jaw can be removed for wider clamping needs. Includes mounting instructions.

### Rapid Acting

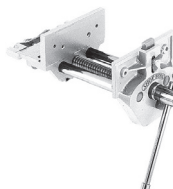
Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
<b>979475</b>	78A	7"	10"	<b>WEB</b>
<b>979480</b>	79A	10"	13"	<b>WEB</b>

**Maple Jaw Inserts** Prevents marring of workpiece. Inserts slide on & off. Strong magnet holds inserts in place.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
<b>979476</b>	78B	7"		<b>WEB</b>
<b>979481</b>	79B	10"		<b>WEB</b>

**Mounting Hardware** For mounting vises to 2-1/4" bench top.

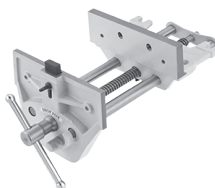
Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
<b>543470</b>	7879MP			<b>WEB</b>



### Quick Release Heavy Duty Wood Vise

**Shop Fox** Quick-release lever disengages screw for fast, efficient operation. Sliding dogs secure long workpieces to the bench and disappear out of the way when not in use. Heavy cast iron vises with polished guide rods.

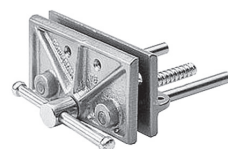
Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
<b>785770</b>	D4327	7"	8"	<b>WEB</b>



### 9" Quick Release Wood Vise

**Shop Fox** This heavy, cast-iron wood vise with polished guide rods features a quick release lever for fast and efficient material engagement. It features sliding dogs for securing long workpieces to the bench, which conveniently retract out of the way when not in use.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
<b>785771</b>	D4328	9"	10"	<b>WEB</b>



### Woodcraft Vise

**Columbian** Lightweight, economy woodcraft vise with high-tensile iron jaws, cold rolled steel guide bars and chrome plated screw. Jaws are drilled for easy wood face attachment.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
<b>962532</b>	33176	6-1/2"	4-1/2"	<b>WEB</b>

### Parrot Vise®



**Shop Fox** Versatile vise swivels 360° and locks in place when the jaw is tightened. Also mount sideways. Precision casting and machining. Holes in jaws allow mounting of custom wooden faces.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
<b>785660</b>	D3125	3-1/2"	4-3/4"	<b>WEB</b>

### Swivel Vacuum Base Vise



**Bessey** Lightweight, portable vise with vacuum base seals to any non-porous surface. Cast aluminum body with 360° swivel head. Offers non-slip rubber jaw faces.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Price
<b>235735</b>	BV-VB	2-3/4"	2-3/4"	<b>WEB</b>

### Soft Jaws Bench Vise Pads



**Foredom** Cushioned pads attach to any 3" to 4" vise with magnetic strips. Made of resilient ethylene vinyl acetate that grip odd shapes and prevent marring of polished or painted surfaces and threaded parts.

**Do not use to hold glass bottles or beakers.**

Stk.	Mfr.	Qty.	Price
<b>613748</b>	A-SJ35	2	<b>WEB</b>



### Bench Stop

**Le Claire** Aluminum bench stop. For insertion in drilled holes of bench top. 2-1/2" length, 3/4" shank & 1/4" thick at the top.

Stk.	Mfr.	Size	Price
<b>533268</b>	MWI	2-1/2"L	<b>WEB</b>

## WORK STANDS



### Centipede® Workstand

**Bora** This workstand is the most flexible solution for your job site or workshop. It sets up a workstation in mere seconds, with no assembly required, so the worksite is ready in minutes.

It's versatile enough to easily set up indoors or outdoors to meet your needs for any project or installation.

Stk.	Mfr.	Size	Price
<b>193626</b>	CK6S	24"W x 48"L x 30"H	<b>WEB</b>
<b>193627</b>	CK9S	48"W x 48"L x 30"H	<b>WEB</b>
<b>193628</b>	CK15S	48"W x 96"L x 30"H	<b>WEB</b>

### Sawhorse Brackets



**Fulton** Make your own sawhorse using 2x4 lumber (w/out miter cuts). 20 ga. steel brackets connect legs and top. Extra long for strength with flared nail holes for quick assembly. Baked enamel corrosion-resistant finish. Easy storage.

Stk.	Mfr.	Size	Qty.	Price
<b>942842</b>	300SHB	4"L x 3-3/4"W x 5-3/4"H	2	<b>WEB</b>

### Folding Steel Sawhorse



**Fulton** Lightweight, rust-resistant galvanized steel. Pre-drilled for wood top (not included). 1,000 lb. capacity per pair (sold singly). Folds to 6" x 8" x 32-1/2". USA made.

Stk.	Mfr.	Size	Qty.	Price
<b>482729</b>	TS-11	32-1/2"L x 29-1/4"H	1	<b>WEB</b>

### Metal Folding Sawhorse



**DEWALT** Metal sawhorse designed to provide versatility with trigger clamps, 2 x 4 and v-groove. Quick, compact folding for portability and easy storage. Rubber pads on top and legs provide high friction and stability. 2,000 lb. capacity per pair (sold singly).

Stk.	Mfr.	Size	Qty.	Price
<b>243433</b>	DWST11155	32"L x 32.25"H	1	<b>WEB</b>

### Portamate Speedhorse™



**Bora** Designed for flexibility in a wide variety of environments, this sawhorse is built tough to withstand heavy projects ranging from construction and carpentry to furniture builds. And when the job is finished, simply pull the levers and fold the legs up. 1,500 lb. capacity.

Stk.	Mfr.	Size	Qty.	Price
<b>476498</b>	PM4500	45"L x 3.25"W x 31.5"H	1	<b>WEB</b>



### JawHorse™ Material Support & Workstation

**Rockwell** The strong and versatile JawHorse replaces your workbenches, sawhorses, clamps and bench vises. All steel construction provides strength and rigidity. Foot pedal lever (1" per step) provides up to 1 metric ton of clamping force, with a clamping range of 0" - 37".

Sets up in seconds with auto-locking leg, and features a built-in roller for easy transport. Folds to 29" x 14" x 13". Max. load 600 lbs.

Stk.	Mfr.	Size	Weight	Price
<b>693887</b>	RK9003	39.5"L x 39"W x 34"H	42.9 lbs.	<b>WEB</b>

## HAMMERS



### Ball Pein Hammers

**Great Neck** Genuine hickory handle. Ball pein end used for riveting, shaping and straightening unhardened metals. Drop forged steel head for strength and durability.

Stk.	Mfr.	Weight	Length	Price
<b>281025</b>	BP8	8 oz.	11.5"	<b>WEB</b>
<b>281026</b>	BP16	16 oz.	14.2"	<b>WEB</b>
<b>281027</b>	BP24	24 oz.	14.8"	<b>WEB</b>
<b>281028</b>	BP32	32 oz.	15"	<b>WEB</b>



### Brass Hammers

**Proto** Non-marring soft brass head absorbs blow impact to eliminate or reduce work damage. Non-sparking for safety near combustible items.

Stk.	Mfr.	Head	Handle	Weight	Price
<b>907670</b>	J1430G	1-1/2" dia. x 3-1/2"L	12"	1.5 lbs.	<b>WEB</b>
<b>907674</b>	J1432G	1-3/4" dia x 3-1/2"L	12"	2.6 lbs.	<b>WEB</b>





### Hickory Handle Sledge Hammer

**Stanley** Hickory handle for maximum strength and shock resistance. Machine-finished face, forged steel head is hardened and tempered.

Stk.	Mfr.	Head	Handle	Weight	Price
<b>857950</b>	56-808	6-7/16"L	31-7/8"	8 lbs.	<b>WEB</b>
<b>857951</b>	56-810	7-1/8"L	32-3/4"	10 lbs.	<b>WEB</b>
<b>857952</b>	56-812	7-1/2"L	32-3/4"	12 lbs.	<b>WEB</b>



### Cross Pein Sledge Hammer

**Great Neck** Drop forged steel for strength and durability. Fully polished. Fiberglass handle with soft rubber grip for control.

Stk.	Mfr.	Handle	Weight	Price
<b>281029</b>	CP3	14"	3.2 lbs.	<b>WEB</b>



### Anti-Vibe® Drilling Sledge Hammer

**Stanley** This drilling sledge hammer with vibration dampening particulate in the shatterproof fiberglass handle dampens vibrations for better comfort and control than solid core handles.

Stk.	Mfr.	Head	Handle	Weight	Price
<b>864570</b>	FMHT56006	1-3/4"	11"	3 lbs.	<b>WEB</b>



### Compo-Cast® Standard Head Soft Face Hammers

**Stanley** Non-sparking soft face hammer of Uni-Cast™ construction has no exposed metal.

Will not mar surfaces. Dead blow function uses steel shot. Steel reinforced handles provide added strength and safety, resists breaking on overstrike.

Stk.	Mfr.	Handle	Weight	Price
<b>858600</b>	57-531	11-1/4"	18 oz.	<b>WEB</b>
<b>858601</b>	57-532	12-7/8"	21 oz.	<b>WEB</b>



### Soft Face Hammer

**GEARWRENCH** For light assembly applications where condition of workpiece is important.

Stk.	Mfr.	Handle	Weight	Price
<b>433520</b>	82260	13"L	12 oz.	<b>WEB</b>



### Soft Face Hammer w/Hickory Handle

**Stanley** Replaceable tips are made of tough plastic that won't mar finely finished surfaces.

Handles are made of hickory securely locked in steel center body.

Stk.	Mfr.	Handle	Weight	Price
<b>859023</b>	57-594	12"L	8 oz.	<b>WEB</b>



### Riveting Hammers

**CS Osborne** This forged steel, highly-polished riveting hammer head with hardwood handle will provide you with years of superior service.

Stk.	Mfr.	Head	Handle	Weight	Price
<b>614210</b>	57-2	9/16" dia. x 4-1/4"L	9-3/4"L	12 oz.	<b>WEB</b>
<b>614212</b>	57-4	3/4" dia. x 4-3/4"L	9-3/4"L	16 oz.	<b>WEB</b>



### Riveting / Tack Hammer

**CS Osborne** Forged steel head is super-heat treated. Striking portions magnetized. Lacquered white hickory handle.

Stk.	Mfr.	Head	Handle	Weight	Price
<b>614750</b>	222	5-1/2"L	9-1/2"L	7-1/2 oz.	<b>WEB</b>



### Bricklayer's Hammers

**Marshalltown** Forged 1-piece high grade steel. Balanced and perfectly fitted hickory handle. For breaking, trimming and cleaning brick. USA made.

Stk.	Mfr.	Weight	Length	Price
<b>528536</b>	600	16 oz.	11"	<b>WEB</b>
<b>528537</b>	601	24 oz.	11-1/2"	<b>WEB</b>



### Drywall Hammer

**Marshalltown** Drop-forged head, fully polished milled face. Checkered head design to dimple drywall. Wedge-shaped steel blade is notched underneath to double as a nail puller. Fired-hickory handle.

Stk.	Mfr.	Weight	Length	Price
<b>528557</b>	DH764	12 oz.	13-1/4"	<b>WEB</b>



### FatMax® Xtreme AntiVibe Hammers

**Stanley** Patented over-sized strike face. Anti-vibration soft grip reduces vibration & arm fatigue. Precision balanced head.

### Framing Hammer

Stk.	Mfr.	Weight	Length	Type	Price
<b>855633</b>	51-167	22 oz.	16"	Checkered Face	<b>WEB</b>
<b>855634</b>	51-177	22 oz.	16"	Smooth Face	<b>WEB</b>

### Nailing Hammer

Stk.	Mfr.	Weight	Length	Type	Price
<b>855630</b>	51-162	16 oz.	13-1/2"	Curve Claw	<b>WEB</b>
<b>855631</b>	51-163	16 oz.	13-1/2"	Rip Claw	<b>WEB</b>
<b>855632</b>	51-165	20 oz.	13-1/2"	Rip Claw	<b>WEB</b>



### One-Piece Steel Hammer

**DeWalt** Hammer features a balanced design to create a smoother swing. It includes a side nail puller which allows you to quickly and easily remove nails, and is constructed of a single piece of steel for strength on the jobsite.

Stk.	Mfr.	Weight	Length	Price
<b>243398</b>	DWHT51439	16 oz.	Curve Claw	<b>WEB</b>
<b>243399</b>	DWHT51452	22 oz.	Rip Claw	<b>WEB</b>



### Neon Fiberglass Hammer

**Great Neck** High quality Contractor Hi-Visibility™ hammer. Fiberglass handle with neon orange grip.

Stk.	Mfr.	Weight	Length	Type	Price
<b>281177</b>	HG16C	16 oz.	12-3/4"	Curve Claw	<b>WEB</b>
<b>281178</b>	HG16S	16 oz.	13"	Rip Claw	<b>WEB</b>



### Cushion Grip Fiberglass Hammer

**Plumb** Polished head, bell and striking face with round neck and bell. Black molded cushion grip on fiberglass handle. PermaBond process assures tight head-to-handle attachment.

Stk.	Mfr.	Weight	Length	Type	Price
<b>307281</b>	11406	16 oz.	13"	Curve Claw	<b>WEB</b>
<b>307280</b>	11405	20 oz.	13-1/2"	Curve Claw	<b>WEB</b>
<b>307291</b>	11419	16 oz.	13"	Rip Claw	<b>WEB</b>
<b>307290</b>	11418	20 oz.	13-1/2"	Rip Claw	<b>WEB</b>



### Fiberglass Hammer

**Stanley** The fiberglass core adds strength and durability in the handle, reduces vibrations and provides the 'feel of wood'. Rim temper reduces incidences of chipping or spalling. Ergonomic grip with ribbed surface and flared end provides firm grip and reduced slippage. Yellow-colored shaft for visibility, forged high-carbon steel head for durability.

Stk.	Mfr.	Weight	Length	Type	Price
<b>864552</b>	STHT51511	16 oz.	12-3/4"	Rip Claw	<b>WEB</b>
<b>864553</b>	STHT51512	16 oz.	12-3/4"	Curve Claw	<b>WEB</b>



### Jacketed Graphite Hammer

**Stanley** Graphite core provides strength, durability and the feel of wood but with overstrike protection. Rim Tempered™ end, high-carbon, polished steel, precision-balanced head. Ribbed-grip handle cools hand, channels sweat away. Head-to-handle assembly. Flared-grip end prevents hammer slippage.

Stk.	Mfr.	Weight	Length	Type	Price
<b>856490</b>	51-505	16 oz.	13-1/4"	Curve Claw	<b>WEB</b>



### Wood Handled Hammer

**Stanley** Heat-treated high-carbon steel head with polished bell face. Hickory wood handle.

Stk.	Mfr.	Weight	Length	Type	Price
<b>856544</b>	51-613	7 oz.	11-1/2"	Curve Claw	<b>WEB</b>
<b>856567</b>	51-713	13 oz.	13"	Curve Claw	<b>WEB</b>
<b>856546</b>	51-616	16 oz.	13-1/4"	Curve Claw	<b>WEB</b>
<b>856568</b>	51-716	16 oz.	13-1/4"	Rip Claw	<b>WEB</b>



### Hickory Handle Framing Hammer

**Great Neck** Highest quality Contractor Series Super-Pro hammer. Laser notched anti-slip hickory handle.

Stk.	Mfr.	Weight	Length	Type	Price
<b>281176</b>	SP24F	24 oz.	17-1/2"	Rip Claw	<b>WEB</b>



### Rip Claw Framing Hammer

**DEWALT** Lightweight fast-swinging hammer reduces fatigue. Strong hickory axe handle. Grip-enhanced finish reduces slipping.

Stk.	Mfr.	Weight	Length	Type	Price
<b>243419</b>	DWHT5141 IL	17 oz.	17-1/2"	Plain Face	<b>WEB</b>



### Wood Handle Ball Pein Hammer

**Stanley** High-carbon steel drop-forged head, hardened Rim Tempered™ face, minimizes

chipping and assures greater safety. Hickory handles, lacquered and multiple wedged.

Stk.	Mfr.	Weight	Length	Price
<b>856812</b>	54-012	12 oz.	13"	<b>WEB</b>
<b>856879</b>	54-016	16 oz.	14"	<b>WEB</b>
<b>857013</b>	54-024	24 oz.	15"	<b>WEB</b>
<b>857080</b>	54-032	32 oz.	16"	<b>WEB</b>



### Replacement Hammer Handle

**Vaughan** Genuine second growth American

Hickory handle, moisture controlled, machine-gauged to precise dimensions for a perfect fit with weather-resistant clear lacquer finish. USA made.

**Includes** wood and steel wedges.

Stk.	Mfr.	Weight	Length	Type	Price
<b>943479</b>	61203	For 20 oz.	14"	Pro Claw	<b>WEB</b>
<b>943480</b>	60162	For 13-16 oz.	13-1/2"	Octagon	<b>WEB</b>
<b>943481</b>	61162	For 13-16 oz.	13-1/2"	Claw & Scaling	<b>WEB</b>
<b>943482</b>	62085	For 8 oz.	12"	Ball Pein	<b>WEB</b>
<b>943483</b>	62243	For 24 & 24 oz.	15-1/2"	Ball Pein	<b>WEB</b>

## MALLETS



### Rubber Mallets

**CS Osborne** Solid rubber heads and hickory handles.

#### Black

Stk.	Mfr.	Head	Weight	Price
<b>614670</b>	197-2	2" dia. x 3-1/4"L	11 oz.	<b>WEB</b>
<b>614737</b>	197-3	2-1/2" dia x 4-1/2"L	25 oz.	<b>WEB</b>

#### White

Stk.	Mfr.	Head	Weight	Price
<b>614804</b>	396-2	2" dia. x 3-1/4"L	11 oz.	<b>WEB</b>
<b>614871</b>	396-3	2-1/2" dia x 4-1/2"L	25 oz.	<b>WEB</b>



### Hickory Mallets

**CS Osborne** All hickory, second growth, lacquered.

#### Straight Side Head

Stk.	Mfr.	Head	Weight	Price
<b>614268</b>	90	2" dia. x 4"L	7 oz.	<b>WEB</b>

#### Barrel Head

Stk.	Mfr.	Head	Weight	Price
<b>614201</b>	89.5-3-1/2	2" dia. x 5-1/4"L	12 oz.	<b>WEB</b>
<b>614134</b>	89.5-3	2-1/4" dia x 5-1/2"L	12 oz.	<b>WEB</b>
<b>614067</b>	89.5-2-1/2	2-3/8" dia. x 5-1/2"L	16 oz.	<b>WEB</b>



### Rawhide Mallet

**CS Osborne** Head made from solid rawhide, glued and steel riveted.

Stk.	Mfr.	Head	Weight	Price
<b>614402</b>	196-2	1-1/2" dia. x 3-1/4"L	6 oz.	<b>WEB</b>
<b>614536</b>	196-4	2" dia. x 3-1/2"L	10 oz.	<b>WEB</b>

## NAIL SETS



### Bi-Material Nail Set

**DEWALT** Bi-material flared grip helps to protect hand against glancing blows. Solid steel core for direct energy transfer. 3-piece set color coded by tip size.

Stk.	Mfr.	Dia.	Price
<b>243421</b>	DWHT58018	1/32", 2/32", 3/32"	<b>WEB</b>

### Nail Sets



**Stanley** No roll square head. Alloy steel. Cupped, chamfered tip.

Stk.	Mfr.	Dia.	Price
<b>859157</b>	58-111	1/32"	<b>WEB</b>
<b>859224</b>	58-112	2/32"	<b>WEB</b>
<b>859291</b>	58-113	3/32"	<b>WEB</b>

**3-Piece Set Includes** 1/32", 2/32", 3/32"..

Stk.	Mfr.	Dia.	Price
<b>859440</b>	58-230		<b>WEB</b>



### Self-centering Nail Set

**Stanley** Engineered for faster, positive self-center setting of 4d and 6d finishing nails mechanically without marring wood surface. Nickel-plated.

Stk.	Mfr.	Dia.	Length	Price
<b>859136</b>	58-011	9/16"	3-5/32"	<b>WEB</b>



### Cushion Grip Nail Sets

**Stanley** No-slip cushion-grip has shock-absorbing ribs for precision hold. 25% longer to easier set hidden and hard-to-reach nails. Fully-hardened, precision-milled steel. Long beveled tip for easier nail head alignment. Color-coded by tip size.

Stk.	Mfr.	Dia.	Price
<b>859480</b>	58-911	1/32"	<b>WEB</b>
<b>859481</b>	58-912	2/32"	<b>WEB</b>
<b>859482</b>	58-913	3/32"	<b>WEB</b>

**3-Piece Set Includes** 1/32", 2/32", 3/32".

Stk.	Mfr.	Dia.	Price
<b>859485</b>	58-930		<b>WEB</b>



### 3-Piece Nail Set

**DEWALT** Interchangeable nail set features 2 double-end fully hardened, precision-milled steel bits. Long, beveled tips for easy nail-head alignment and versatility. Hexagonal head prevents rolling and can be used as a standard drill chuck. Nail set doubles as drill extension. Knurled locking collar allows easy tip release and reversal.

**Includes** 2 double-end bits with 1/32", 2/32", 3/32" & #2 Phillips tips.

Stk.	Mfr.	Price
<b>243404</b>	DWHT58503	<b>WEB</b>

## PRY BARS, CLAWS & PULLERS



### Wonder Bar® Pry Bar

**Stanley** Provides extra reach and more leverage. The tightly radiused bend angle provides precise positioning and the extra long tongue provides better grip and longer reach for the hard-to-get-at places. The arch in the bar center gives it more swing during nail pulling. Also works as a panel lift.

Stk.	Mfr.	Stock	Length	Price
<b>857825</b>	55-525	3/8" x 1-5/16"	16"	<b>WEB</b>



### Spring Steel Flat Bars

**DEWALT** Strong, durable spring steel bar with extra-wide prying end gives greater leverage. Pointed, beveled end for penetration and nail pulling. Offers flexibility of multiple nail pullers.

Stk.	Mfr.	Length	Price
<b>243405</b>	DWHT55518	13"L	<b>WEB</b>
<b>243406</b>	DWHT55528	21"L	<b>WEB</b>



### Versabar Pry Bar

**Great Neck** Forged in 1 piece. Hardened & tempered for added strength & longer durability.

Stk.	Mfr.	Length	Price
<b>281020</b>	CVB15	15"	<b>WEB</b>



### Hexagonal Ripping Bars

**Stanley** Ideal for basic demolition work. High-carbon steel with 1-1/4"W blade. Slotted claw & beveled ends.

Stk.	Mfr.	Stock	Length	Price
<b>857480</b>	55-118	3/4"	18"	<b>WEB</b>
<b>857481</b>	55-124	3/4"	24"	<b>WEB</b>
<b>857482</b>	55-130	3/4"	30"	<b>WEB</b>
<b>857483</b>	55-136	3/4"	36"	<b>WEB</b>



### Roll Head Pry Bars

**Mayhew** Forged from top quality steel and heat-treated for superior strength. The 90° angle bar provides the greatest leverage for the toughest jobs.

Stk.	Mfr.	Stock	Length	Price
<b>528610</b>	40101	1/2"	16"	<b>WEB</b>
<b>528611</b>	40102	5/8"	18"	<b>WEB</b>



### Beveled Nail Claw

**Stanley** Ideal for general nail pulling & prying. Special cat's paw extracting claw with beveled nail slot. Ergonomic comfort grip helps reduce slipping & helps protect from extreme temperature. Heat-treated for durability.

Stk.	Mfr.	Length	Price
<b>857460</b>	55-033	10-1/4"	<b>WEB</b>



### Long Jaw Nail Puller

**Crescent** Impact handle sides on long jaw for hammer action which drives claw under nail head. Extended short jaw for control and leverage. Box-joint forged tempered jaws. Black enameled finish.

Stk.	Mfr.	Length	Price
<b>308825</b>	56	19"	<b>WEB</b>



### Double End Nail Puller

**Ames** Heat treated medium carbon steel for maximum strength. Beveled nail slots on both ends to grasp any part of the nail including embedded and headless nails with its straight or rolling head claws.

Stk.	Mfr.	Stock	Length	Price
<b>532780</b>	1165300	5/8"	11"	<b>WEB</b>

## MEASURING TOOLS



### Folding Wood Rule

**Lufkin** Bold red and black markings on white background with clear epoxy coating. Brass-plated positive lock joints. Solid brass end caps and strike plates. Marked both edges, both sides. 16" stud centers in red.

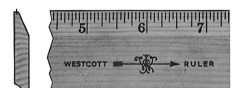
Stk.	Mfr.	Length	Width	Graduations	Price
<b>309613</b>	T066N	6'	5/8"	16ths	<b>WEB</b>



### Folding Rule w/Brass Slide

**Lufkin** Heavy-duty rule with a 6" graduated brass slide fitted into 1' end section. Slide runs under friction and has a stop. Wood sections are 1/3 heavier than regular rules. 16" stud centers in red.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>308608</b>	TX46N	6'	5/8"	16ths	<b>WEB</b>



### Office Rulers

**Westcott** Select hardwood with clear lacquer finish, single level with metal edge.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
<b>189070</b>	05011	12"	1-3/8"	1/4"	16ths	<b>WEB</b>
<b>189071</b>	05018	18"	1-3/8"	1/4"	16ths	<b>WEB</b>



### Wooden School Ruler

**Westcott** Select hardwood ruler with clear, durable lacquer finish. Numerals and graduations are sharply delineated. 1 metal edge.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
<b>189260</b>	10377	12"	1-1/8"	1/8"	16th & mm	<b>WEB</b>

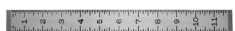


### English/Metric Ruler

**Westcott** English/metric ruler of select hardwood with a multiple-coat clear lacquer finish.

Sharply delineated numerals. 1 metal edge. Ring binder holes.

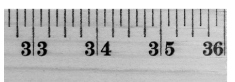
Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
<b>189169</b>	10702	12"	1-1/8"	1/8"	16ths, 30cm	<b>WEB</b>



### School Shop Rulers

**Down East** One-piece select hardwood with tough clear coating, bold embedded markings and brass end caps. Large graduations, inches numbered vertically top to bottom. Marked on both sides, both edges.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
<b>308564</b>	7012	12"	1-1/2"	1/4"	8ths, 16ths	<b>WEB</b>
<b>308560</b>	7024	24"	1-1/2"	1/4"	8ths, 16ths	<b>WEB</b>



### Wooden Yardstick

**Acme** Standard yardstick. Fully numerated graduations and flush length design. Lacquer finish, hanging hole. Scaled on both sides. Plain ends.

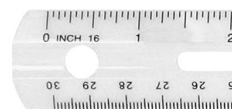
Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
<b>189280</b>	10420	36"	1-1/8"	5/32"	8ths	<b>WEB</b>



### Meter Stick

**Westcott** Millimeters on one side and inches divided into eighths on the other. Made of hardwood with a multiple-coat, clear lacquer finish. Meter stick is scaled in centimeters. Plain ends.

Stk.	Mfr.	Length	Width	Thickness	Graduations	Price
<b>189160</b>	10431	39-1/2"	1"	1/4"	cm	<b>WEB</b>



### Translucent Ruler

**Westcott** Raised, bold standard and metric markings simplify measurement tasks. Beveled edge acts as an excellent drawing and drafting guide. Assorted colors.

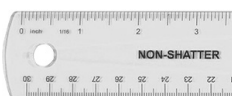
Stk.	Mfr.	Length	Graduations	Price
<b>189065</b>	10526	12"	16ths & cm	<b>WEB</b>



### Shatter-resistant Plastic Ruler

**Westcott** Shatter-resistant ruler. Clear.

Stk.	Mfr.	Length	Width	Thick.	Graduations	Price
<b>189271</b>	13862	12"	1-1/2"	1/16"	10ths, 16ths, mm	<b>WEB</b>



### Shatterproof Transparent Ruler

**Westcott** Total flexibility and clarity of measurement; bend this ruler and it returns to its original shape. Translucent, assorted colors.

Stk.	Mfr.	Length	Graduations	Price
<b>189069</b>	14381	12"	16ths & cm	<b>WEB</b>



### Plastic Ruler

**Westcott** Shatter-resistant ruler. Clear.

Stk.	Mfr.	Length	Width	Thick.	Graduations	Price
<b>189272</b>	45012	12"	1-1/4"	1/8"	16ths & mm	<b>WEB</b>



### Clear Acrylic Ruler

**Alvin** Durable, scratch-resistant, flexible and transparent, it allows easy visibility for convenient use and accurate measurements. Raised edge prevents ink from smearing.

Stk.	Mfr.	Length	Graduations	Price
<b>196602</b>	T40-12	12"L	16th, cm	<b>WEB</b>
<b>196603</b>	T40-18	18"L	16th, cm	<b>WEB</b>



### Ultratest Rigid Steel Rule

**General** Stainless steel rigid rule with satin chrome finish. Ultra fine black graduations.

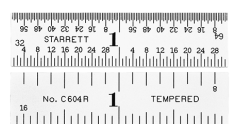
Stk.	Mfr.	Length	Width	Graduations	Price
<b>419886</b>	CF1264	12"	1"	8ths, 16ths, 32nds, 64ths	<b>WEB</b>



### Twist-It Flexible Ruler

**Westcott** Bend and twist this ruler and it returns to its original shape. Numerals and graduations are sharply delineated. Assorted colors.

Stk.	Mfr.	Length	Graduations	Price
<b>189063</b>	16292	12"	16ths & cm	<b>WEB</b>



### Spring Tempered Steel Rule

**Starrett** Satin chrome finish. 8ths, 16ths and quick-reading 32nds, 64ths.

Stk.	Mfr.	Length	Width	Price
<b>875327</b>	C604R-6	6"	3/4"	<b>WEB</b>
<b>875329</b>	C604R-12	1'	1"	<b>WEB</b>

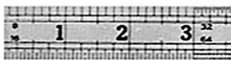




### English Pattern Steel Rules

**Starrett** General utility rule has easy-to-read markings that are heavier than conventional machine-divided rules. Graduated on both edges, both sides. Hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>874630</b>	414-1	1'	1-1/4"	8ths, 16ths	<b>WEB</b>
<b>874632</b>	414-2	2'	1-1/4"	8ths, 16ths	<b>WEB</b>



### Rounded-End Steel Rule

**General** Precision-made stainless steel rule with fine, black etched graduations. Flexible rule has rounded end with hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>419881</b>	1201ME	1'	7/8"	8ths, 16ths, 32nds, 64ths, 1.0mm, .5mm	<b>WEB</b>



### No. 62 & 60 Steel Rules

**Lufkin** Marked on both sides. Hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>308876</b>	6012INN	1'	3/4"	8ths, 16ths	<b>WEB</b>
<b>309144</b>	621FTN	1'	1-1/4"	8ths, 16ths	<b>WEB</b>
<b>309211</b>	622FTN	2'	1-1/4"	8ths, 16ths	<b>WEB</b>
<b>309278</b>	623FTN	3'	1-1/4"	8ths, 16ths	<b>WEB</b>



### Stainless Steel Ruler

**Pacific Arc** Professional grade stainless steel ruler has a variation of graduations. Bold and easy-to-read etchings, cork back provides steady measuring and line drawing.

Stk.	Mfr.	Length	Graduations	Price
<b>641160</b>	M-06	6"	32nds, 64ths & mm	<b>WEB</b>
<b>641161</b>	M-12	12"	32nds, 64ths & mm	<b>WEB</b>
<b>641162</b>	M-18	18"	32nds, 64ths & mm	<b>WEB</b>
<b>641163</b>	M-24	24"	32nds, 64ths & mm	<b>WEB</b>



### Full Flexible Steel Rule

**Starrett** Full-flexible steel rule with inch graduation features a satin chrome finish. Graduations at quick-reading 10ths, aircraft quick-reading 50ths, 32nds and 64ths.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>875338</b>	C305R-6	6"	1/2"	10ths, 50ths, 32nds, 64ths	<b>WEB</b>
<b>875339</b>	C305R-12	12"	1/2"	10ths, 50ths, 32nds, 64ths	<b>WEB</b>



### Ultratest Steel Rule

**General** Ultra fine black graduations against a hard satin chrome finish for easy reading and long life. Plastic case.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>419893</b>	CFI 845	18"	3/4"	32nds, 64ths, 10ths, 100ths	<b>WEB</b>

### 6" Rigid Steel Rule

**General** Stainless steel rule etched with fine black graduations.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>419144</b>	676	6"	3/4"	8ths, 16ths, 32nds, 64ths	<b>WEB</b>



### Inch/Decimal Steel Rule

**General** Flexible rule with depth gauge pocket clip.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>418005</b>	300/1	6"	15/32"	32nds, 64ths, decimals	<b>WEB</b>



### Stainless Steel Pocket Clip Rule

**Johnson Level** Stainless steel blade with etched increments. Conversion tables on back of blade. Pocket clip for convenient storage.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>486928</b>	7203	6"		64ths, mm	<b>WEB</b>

### Flexible Steel Circumference Rule

**Lufkin** Liquid or dry measure dimension table on reverse side for layout work. Can also be used as a bench rule.



Stk.	Mfr.	Length	Width	Graduations	Price
<b>309814</b>	953FTN	3'	1-1/4"	16ths, circumferences	<b>WEB</b>



### Flexible Aluminum Rule

**Lufkin** Sharply defined, easy-to-read markings with straight parallel edges for greater accuracy. Marked one side only. Lightweight and rustproof w/tarnish-free finish. Lies flat, has hang-up hole for storage.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>312050</b>	T1260N	3'	1-1/4"	16ths	<b>WEB</b>



### Aluminum Rules

**Johnson Level** Extruded aluminum with clear anodized finish and screened thermal bonded black graduations.

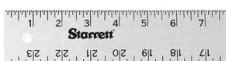
Stk.	Mfr.	Length	Width	Graduations	Price
<b>487015</b>	J112	1'	1-1/8"	8ths & 16ths	<b>WEB</b>
<b>487018</b>	J118	1-1/2'	1-1/8"	8ths & 16ths	<b>WEB</b>
<b>487016</b>	J124	2'	1-1/8"	8ths & 16ths	<b>WEB</b>
<b>487017</b>	J236	3'	1-1/8"	8ths & 16ths	<b>WEB</b>



### Inch/Metric Meter Stick

**Lufkin** Aluminum English/metric meter stick. Front side has measurements, other side shows table of equivalents and conversions.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>312051</b>	1261MEN	1 Meter (3.3')	1"	16ths, dm, cm, mm	<b>WEB</b>



### Aluminum Meter Stick

**Starrett** Parallel, accurate, flexible rule made of anodized aluminum.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>872985</b>	MS-2	1 Meter (3.3')	1-1/8"	1/8th, mm	<b>WEB</b>



### Max Tape Rule

**Stanley** Tape has a 10' stand out and a large, multi-catch hook, a Mylar® coated blade as well as an air lock blade locking system. High-impact ABS case with durable rubber holds up to heavy use. 3-rivet, corrosion-resistant Tru-zero end hook for accurate measurements.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>852801</b>	33-279	25'	1-1/8"	8ths, 16ths	<b>WEB</b>



### Professional's Choice Power Tape

**Johnson Level** Fractionally-marked, Speed-Read™ blade with corrosion/abrasion-resistant finish. Blade lock. Durable, triple-rivet blade hook. Impact-resistant ABS case with steel belt clip.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>487640</b>	1803-0016	16'	3/4"	8ths, 16ths	<b>WEB</b>
<b>487641</b>	1803-0025	25'	1"	8ths, 16ths	<b>WEB</b>



### ExtraMark™ Power Tape Rule

**Great Neck** Positive lock secures blade. Chrome case with belt clip. Fractional black and red markings.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>281173</b>	C125I	12'	5/8"	8ths, 16ths	<b>WEB</b>
<b>281174</b>	C325I	16'	3/4"	8ths, 16ths	<b>WEB</b>
<b>281175</b>	C435I	25'	1"	8ths, 16ths	<b>WEB</b>



### PowerLock® Tape Rule

**Stanley** Tape has all the features you need for accurate inside and outside measurements. A blade locking mechanism holds the tape measure in place so it won't creep. Durable case and Mylar® polyester film on blade for heavy-duty use. 16" and 19.2" stud center markings simplify framing jobs. Corrosion-resistant Tru-zero end hook for accurate measurements.

#### Cast-metal Case

Stk.	Mfr.	Length	Width	Graduations	Price
<b>852792</b>	33-212	12'	1/2"	8ths, 16ths	<b>WEB</b>
<b>852926</b>	33-312	12'	3/4"	8ths, 16ths	<b>WEB</b>

#### Chrome ABS Case

Stk.	Mfr.	Length	Width	Graduations	Price
<b>852457</b>	33-116	16'	3/4"	8ths, 16ths	<b>WEB</b>
<b>853025</b>	33-425	25'	1"	8ths, 16ths	<b>WEB</b>
<b>853030</b>	33-430	30'	1"	8ths, 16ths	<b>WEB</b>

853025, 853030 | 7' Blade Standout



### Hi-Viz® Blue Quickread Power Return Tape

**Lufkin** Tape offers direct reading of feet, inches, fractions and decimals. Bright blue case comfortably fits hand. Quickread yellow clad blade with clear coat protection. Slide-button lock. Reinforced 2-rivet hook end. Removable belt clip.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>310968</b>	QRL625MP	25'	1"	8ths, 16ths	<b>WEB</b>



### Hi-Viz® Orange Power Return Tape

**Lufkin** Tape offers direct reading of feet and inches. Lightweight, high strength, easy-find orange case comfortably fits hand. Yellow clad blade with clear coat protection. Slide-button lock. 2 rivet hook end with reinforcing strip. Removable belt clip.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>310990</b>	L625N	25'	1"	8ths, 16ths, 32nds.	<b>WEB</b>



### Quikread Power Return Tapes

**Lufkin** Hi-visibility orange case with a black co-molded rubber grip. Exclusive pivot lock with 9' standout allows for easy and efficient measuring. Clear coat, A3 blade, vertical numbering, fractional and decimal equivalent, graduated feet and inch to 1/16th top and bottom.

Stk.	Mfr.	Length	Width	Price
<b>310961</b>	PQR1312N	12'	3/4"	<b>WEB</b>
<b>310962</b>	PQR1316N	16'	3/4"	<b>WEB</b>
<b>310963</b>	PQR1425N	25'	1"	<b>WEB</b>



### Hi-Viz® P1000 Tape Rules

**Lufkin** Bright orange, rubber cushioned case. Bright yellow blade with easy-read numerals. Toggle lock, cushioned blade return. Fits most holsters. Removable belt clip.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>311945</b>	PHV1010N	10'	1/2"	8ths, 16ths	<b>WEB</b>
<b>311946</b>	PHV1012N	12'	1/2"	8ths, 16ths	<b>WEB</b>
<b>311947</b>	PHV1312N	12'	3/4"	8ths, 16ths	<b>WEB</b>
<b>311948</b>	PHV1316N	16'	3/4"	8ths, 16ths	<b>WEB</b>
<b>311949</b>	PHV1425N	25'	1"	8ths, 16ths	<b>WEB</b>



### Tape Rule

#### Stanley

7' blade standout and automatic blade lock holds blade securely in position. Write-on label for repeated use w/carpenter pencil. Non-marring frictionless base helps protect work surface. Anti-glare blade with easy-read inside/outside measurements.

Stk.	Mfr.	Length	Width	Price
<b>864540</b>	STHT30825	25'	1"	<b>WEB</b>



### FatMax® Tape Rules

**Stanley** Wide blade is stronger and stiffer with easy-read graphics. Mylar® coating extends blade life up to 10x. Dual material case with small comfort grip (smaller than most 25' tapes). Non-slip, impact-resistant cushion grip. Multi-catch hook grabs on top or bottom for versatility. 3-rivet, corrosion-resistant Tru-zero end hook for accurate measurements. Top-forward blade lock.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>853150</b>	33-716	16'	1-1/4"	8ths, 16ths	<b>WEB</b>
<b>853154</b>	33-725	25'	1-1/4"	8ths, 16ths	<b>WEB</b>
<b>853158</b>	33-730	30'	1-1/4"	8ths, 16ths	<b>WEB</b>



### Tape Measure

**DEWALT** Durable and efficient tape has 10' of standout and a fractional read blade for quick and easy measurements. The rubber slide lock and 5 case screws help this tape remain durable on the job site. Lanyard slot and belt clip for added convenience. Yellow/black case.

Stk.	Mfr.	Length	Width	Price
<b>243423</b>	DWHT36107	25'	1-1/8"	<b>WEB</b>
<b>243422</b>	DWHT36109	30'	1-1/8"	<b>WEB</b>



### Long Tape Rules

**Stanley** Large fold-out knob for smooth rewind. Belt clip for hands free use. Durable, high-impact case. Integrated hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>853050</b>	34-103	50'	3/8"	8ths	<b>WEB</b>
<b>853051</b>	34-106	100'	3/8"	8ths	<b>WEB</b>



### Steel Long Tape

**DEWALT** 5:1 gear ratio rewinds blade 5x faster. Blade release button for easy blade pull-out. Rust-resistant coating on blade. Dirt-removal window removes dust particles inside tool. Spring-loaded carabiner.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>243402</b>	DWHT34036	100'	3/8"	8ths, 16ths	<b>WEB</b>



### FatMax® Steel Long Tape

**Stanley** Durable stainless steel blade. Features fast rewind 3-to-1 gear drive, end hook for inside and outside measurements and high-impact ABS case with rubber, non-slip grip. Steel roller cage protects case from being cut by blade during retraction.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>853053</b>	34-130	100'	3/8"	8ths	<b>WEB</b>



### Pro Series Ny-Clad® Steel Tape

**Lufkin** Durable nylon coating on blade resists wear under extreme conditions. Steel blade will not stretch under normal use, 3-to-1 blade retraction saves time in the field.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>310964</b>	PS1808N	200'	1/2"	8ths	<b>WEB</b>



### Construction Master® Pro Calculator

**Calculated Industries** Advanced feet-inch-fraction construction-math calculator with powerful built-in solutions ideal for completing layouts, plans, bids and estimates. Calculate circles, roofs, stairs and more. Works in and converts between feet-inches-fractions and decimals, including metric. Set custom defined options. Works as a regular math calculator with +, -, +/-, x, ÷, %, π, 1/x, x2, and √. Automatic shut-off saves battery life.

11-digit display. 12-digit internal accuracy. LCD 0.625" x 2.5". Size 5.7" x 3.0" x 0.65". Weight 4.6 oz.

**Includes** Armadillo Gear case, English/Spanish pocket reference and 2 LR44 batteries.

Stk.	Mfr.	Price
<b>282000</b>	4065	<b>WEB</b>



### Trades Math & Conversion Calculator

**Calculated Industries** Designed for teaching in math-oriented trades needing an easy-to-use handheld calculator with applied math functions. Solve dimensional math problems, convert units from U.S. to metric, and solve ratios & proportions. Calculate architectural, proper, improper, and mixed fractions. Use trigonometry and plane geometry to calculate right triangles, circles & arcs, and hexagonal & polygonal shapes.

LCD display (0.73" x 2.56"), 15 digits (8 normal, 7 fractions) with full annunciators. 12 digit internal accuracy.

**Includes** protective slide cover, reference guide and CR2016 battery.

Stk.	Mfr.	Price
<b>282010</b>	4400	<b>WEB</b>



### Project Calculator

**Calculated Industries** Helps students work directly in feet, inches, fractions, decimal fractions, yards and meters (including square & cubic formats) to quickly estimate material amounts and calculate costs for paint, wallpaper, concrete and tile. Converts between all standard math dimensions and solves reverse calculations.

LCD segment display (.75" x 2.25"), 11 digits (7 normal, 4 fractions) and annunciator-legends, 12 digit internal accuracy.

**Includes** CRI620 lithium battery.

Stk.	Mfr.	Price
<b>942636</b>	8510	<b>WEB</b>



### BLAZE™ Laser Measure

**BOSCH** Green-beam technology generates point up to 4X brighter than standard red beams. Backlit color display lights up numbers with sharp resolution for low- or no-light conditions. Has 11 measuring functions, rounding button, and addition/subtraction capability. Haptic feedback vibrates to confirm measurements. Durable rubber overmold.

Range up to 165'. Measuring Accuracy Typ. +/- 1/16". Weight: .2 lbs.

**Includes** belt clip, wrist strap, 2 AA batteries and pouch.

Stk.	Mfr.	Price
<b>258899</b>	GLM165-25G	<b>WEB</b>



### BLAZE™ 65' Laser Measure

**BOSCH** Delivers laser precision technology and real-time measurement mode, taking instant and reliable measurements up to 65'. Backlit display for easy viewing, even in dark areas. Simple to operate, with a single button press to get accurate measurements to within 1/8".

Accuracy 1/8" @ 65'. Size 4" x 1.4" x 0.9". Weight .2 lbs.

**Includes** 2 AAA batteries.

Stk.	Mfr.	Price
<b>258900</b>	GLM20	<b>WEB</b>



### 3/4" Stud Finder

**DEWALT** Center-detect stud finder with a detection depth of 3/4" for wood and metal. AC and live wire detection, auto-calibration, center marking channel, audible alert and directional LED arrows.

**Includes** two AAA batteries.

Stk.	Mfr.	Price
<b>243002</b>	DW0100	<b>WEB</b>



### StudSensor™ EDGE

**Zircon** The easy-read display and patented SpotLite® Pointer System clearly identify the edge of the metal or wood stud. The patented pivot pinch-grip design allows for a comfortable, secure hold in either hand, at any angle.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>943475</b>	69575	<b>WEB</b>



### Wing Divider

**CS Osborne** Forged steel, fully-polished tool features steel wing nuts, turned brass washers, hardened points, precision screw threads and carefully tempered springs made for easy adjustment while holding the legs firmly. Made to U.S. Government specifications.

Stk.	Mfr.	Size	Price
<b>614280</b>	106-6	6"	<b>WEB</b>
<b>614281</b>	106-8	8"	<b>WEB</b>



### Toolmaker's Calipers & Dividers

**Starrett** Fine adjustment and better balance provide a more sensitive feel. Legs are made from round stock. Fulcrum stud is hardened. Bearing surfaces of the legs are sufficiently large to prevent any side deflection.

Stk.	Mfr.	Size	Price
<b>874420</b>	274-6	Inside, 6"	<b>WEB</b>
<b>874430</b>	275-6	Outside, 6"	<b>WEB</b>
<b>874440</b>	277-6	Divider, 6"	<b>WEB</b>



### Lock Joint Hermaphrodite Caliper

**Starrett** Used in layout work for locating and testing centers, laying off distances from an edge, and more. Features an adjustable point, locking joint and fine-adjustment feature for close measurements. Made of finely finished, high-grade steel.

Stk.	Mfr.	Size	Price
<b>873518</b>	42-6	6"L	<b>WEB</b>

## SQUARES



### Steel Rafter/Roofing Square

**Stanley** 1/8" graduations on face and back. 16" x 1-1/2" tongue. Essex board measure and rafter table. Buffed steel finish.

Stk.	Mfr.	Size	Price
<b>854333</b>	45-910	24" x 2"	<b>WEB</b>



### Premium Aluminum Rafter Square

**Stanley** Aluminum with black finish. Deep graduations are filled with yellow paint for ease of readability. 16" x 1-1/2" tongue. 1/16" & 1/8" graduations on face and 1/10", 1/12" & 1/16" graduations on back. Rafter tables, brace measure, octagon scale and board measure.

Stk.	Mfr.	Size	Price
<b>853995</b>	45-011	24" x 2"	<b>WEB</b>



### Steel Rafter Square

**Johnson Level** 16" x 1-1/2" tongue. Stamped 1/8" graduations include rafter square layout with tables and essex board measure. Rust-proof coating.

Stk.	Mfr.	Size	Price
<b>487010</b>	CS2	24" x 2"	<b>WEB</b>



### Aluminum Carpenter's Square

**Stanley** Aluminum square with embossed graduations, tables and information printed on both sides. Features formula for squaring a foundation, volume and area formulas, lumber scale, wood screw gauge table, depth scale, metric and decimal conversion tables. 45°, 60° & 30° angle markings. Tongue 16" x 1-1/2".

Stk.	Mfr.	Size	Price
<b>854145</b>	45-300	24" x 2"	<b>WEB</b>



### Steel Carpenter's Square

**Stanley** 1/16" steel with embossed graduations on face and back. Reverse reading scale allows for efficient measuring. Buffed lacquered finish.

Stk.	Mfr.	Size	Price
<b>854335</b>	45-912	12" x 1-1/2"	<b>WEB</b>



### Stair / Square Gauge Set

**Johnson Level** Used for repeat angle cuts for stairs and rafters. Attaches to all standard framing and carpenter squares. Machined solid brass with flush mounted knurled thumbscrews. Mfr.'s 1-yr. warranty.

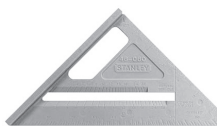
Stk.	Mfr.	Qty.	Price
<b>486962</b>	405	2	<b>WEB</b>



### Aluminum Drywall T-square

**Johnson Level** Tempered anodized 1/8" x 2" aluminum blade with thermal bonded black epoxy ink graduations screened in 8ths with markings at 16" centers. 22" head is securely fastened with 4 stainless steel drive rivets.

Stk.	Mfr.	Length	Price
<b>942754</b>	JTS48	48"	<b>WEB</b>



### Quick Square® Pocket Square

**Stanley** Versatile layout tool works as a rafter square, try square, protractor or power saw guide. Heavy-duty ABS plastic body.

**Includes** detailed instruction book.

Stk.	Mfr.	Size	Price
<b>854490</b>	46-060	6-7/8"	<b>WEB</b>



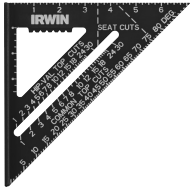
### Structo-Cast Rafter Angle Squares

**Johnson Level** Aluminum alloy die-cast square with permanent molded graduations. Face is polished and all edges are computer machined. Use for rafters, roof, stair layouts and more.

**Includes** manual.

Stk.	Mfr.	Size	Price
<b>487030</b>	RAS-1	7"	<b>WEB</b>
<b>487031</b>	RAS-120	12"	<b>WEB</b>





### Hi-Contrast Aluminum Rafter Square

**Irwin** Durable rust-proof aluminum body Permanent deep markings Can be used as a protractor, saw guide and tri/miter square.

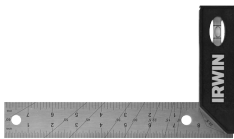
Stk.	Mfr.	Size	Price
<b>619304</b>	1794463	7"	<b>WEB</b>



### Professional Carbonized Bamboo Try Square

**Johnson Level** Carbonized bamboo handle with stainless gauging edges and routed hand grip. Heavy-duty stainless steel blade will not rust or corrode. Graduations are permanently etched.

Stk.	Mfr.	Blade	Graduations	Price
<b>487656</b>	1940-0800	8"	8ths, 16ths	<b>WEB</b>



### Tri Square

**Irwin** Stainless steel blade, black precision etched scales, high impact ABS handle.

Stk.	Mfr.	Blade	Graduations	Price
<b>619306</b>	1794473	8"	8ths & 16ths	<b>WEB</b>



### Plastic Handle Try / Miter Square

**Stanley** Aluminum blade with lightweight plastic handle. Measures 45° and 90° angles.

Stk.	Mfr.	Blade	Graduations	Price
<b>854730</b>	46-502	8"	16ths, metric	<b>WEB</b>



### Structo-Cast Try / Miter Square

**Johnson Level** Stainless steel blade with permanent stamped graduations. High impact plastic handle with hand grip and insert-molded blade. Measures 45° and 90° angles.

Stk.	Mfr.	Blade	Graduations	Price
<b>486970</b>	450	8"	8ths	<b>WEB</b>



### True Blue® Combination Square

**Empire** High visibility chemical etched stainless steel blade, with heavy-duty machined head and scribe pin. BLADE-LOCK™ for fast adjustment and secure hold, DUAL-PITCH™ vial for checking 1° and 2° slope.

Stk.	Mfr.	Blade	Graduations	Price
<b>575101</b>	E250	12"	8ths, 16ths, 32nds	<b>WEB</b>



### Yellow Combination Square

**Stanley** Grooved 12" removable blade. Spring wire and clamping lug in handle keeps blade in place. Cast iron handle has level glass and scratch awl.

Stk.	Mfr.	Blade	Handle	Graduations	Price
<b>854601</b>	46-123	12"	4-1/4"	8ths, 16ths, 32nds	<b>WEB</b>



### Combination Squares

**Stanley** Blade is coated to resist rust. Measure, square and level with this square complete with grooved blade, scratch awl and hand-regulated level vial.

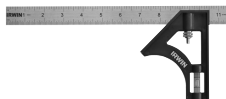
Stk.	Mfr.	Blade	Handle	Graduations	Price
<b>854668</b>	46-222	12"	4-1/8"	8ths, 16ths, 32nds	<b>WEB</b>
<b>854471</b>	46-028	12"	4-1/8"	8ths, 16ths, 32nds, metric	<b>WEB</b>



### Contractor Metal Combination Square

**Johnson Level** Cast zinc head has computer machined gauging edges for greater accuracy. Square also features an acrylic yellow barrel vial and a hardened removable scribe. Steel blade has permanently stamped graduations with rust protective coating.

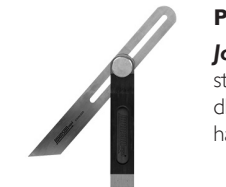
Stk.	Mfr.	Blade	Handle	Graduations	Price
<b>486960</b>	400	12"	4-1/8"	8ths, 16ths, 32nds	<b>WEB</b>



### ABS Handle Combination Square

**Irwin** Black, etched scales with stainless steel blade. Provides accurate 90°/45° readings. Use as depth gauge and for transferring angles.

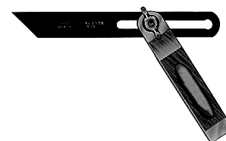
Stk.	Mfr.	Blade	Graduations	Price
<b>619305</b>	1794470	12"	8ths	<b>WEB</b>



### Professional Carbonized Bamboo T-Bevel

**Johnson Level** Heavy-duty adjustable stainless steel blade will not rust. Carbonized bamboo handle with routed hand grip. Stainless steel edging on handle. Durable locking nut holds blade securely.

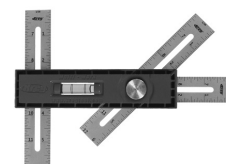
Stk.	Mfr.	Blade	Price
<b>487665</b>	1926-1000	10"	<b>WEB</b>



### Sliding T-Bevel

**Stanley** Durable stainless steel blade. Built-in blade lock in sturdy plastic handle.

Stk.	Mfr.	Blade	Handle	Price
<b>855082</b>	46-825	8"	5-1/2"	<b>WEB</b>



### Multi-Mark™ Marking & Measuring Tool

**Kreg** Multi-purpose marking and measuring tool for a variety of job site applications. Layout wall studs, mitered corners and transfer measurements. Align, square, level and measure work projects, set blade heights and more. Built-in 3/16" reveal gauge and torpedo level. Inch and metric scale.

Stk.	Mfr.	Length	Price
<b>793901</b>	KMA2900	6 - 8-1/2"	<b>WEB</b>



### Digital Angle Finders

**General** Precision stainless steel digital angle finder with standard and Metric measuring rulers also has a built-in reverse angle function for added usability and convenience. Equipped

with large easy-to-read display, an accuracy of 0.3°, and a range of 0° to 360° measures interior and exterior angles quickly and accurately. Lock and reverse-angle modes. Can be zeroed at any point in the swing.

**Includes** CR2032 battery.

Stk.	Mfr.	Length	Price
<b>419537</b>	822	7"	<b>WEB</b>
<b>419538</b>	823	10-7/8"	<b>WEB</b>

## LEVELS



### Bull's-Eye Circular Level

**Johnson Level** Surface level with all-purpose, 360° vial reads in all directions. Sturdy plastic construction, large sight for ease of reading.

Stk.	Mfr.	Dia.	Price
<b>486890</b>	100	1-3/4"	<b>WEB</b>

### Magnetic Aluminum Torpedo Level



**Stanley** Magnetic base, 3 vials (plumb, level and 45° miter), top reading, bottom grooved for use on round stock or pipe.

Stk.	Mfr.	Length	Price
<b>853890</b>	42-465	9"	<b>WEB</b>



### Magnetic Glo-View® Torpedo Level

**Johnson Level** Find plumb, level and 45° quickly with this 9" magnetic torpedo level. Durable aluminum with top-read window, glow-in-the-dark vial surrounds, GripTight™ rare earth magnets and V-groove frame.

Stk.	Mfr.	Length	Price
<b>487610</b>	1435-0900	9"	<b>WEB</b>



### Structo-Cast® Magnetic Torpedo Level

**Johnson Level** Durable high-impact plastic molded frame and covers. 360° reading acrylic yellow barrel vials (plumb, level & 45°). V-grooved top for pipe and conduit work. Full-length magnetic edge.

Stk.	Mfr.	Length	Price
<b>486930</b>	7500M	9"	<b>WEB</b>



### Magnetic Torpedo Level

**Stanley** Durable, shock-resistant ABS plastic won't mar surfaces. 3 vials (plumb, level & 45°). Large top-read window. Grooved top surface for pipe and conduit work. Magnetic base allows hands-free operation.

Stk.	Mfr.	Length	Price
<b>853610</b>	42-264	9"	<b>WEB</b>



### Heavy-duty Aluminum Line Level

**Johnson Level** Hexagonal aluminum extruded body. Durable high-impact plastic reversed line hooks. Acrylic yellow barrel vial.

Stk.	Mfr.	Length	Price
<b>486985</b>	555	3"	<b>WEB</b>



### Aluminum Line Level

**Stanley** Aluminum line level has special hooks which hold onto the line which allows level to slide freely for easy positioning. Bottom is flat for surface leveling. Yellow vial, solid set. Hexagonal case.

Stk.	Mfr.	Length	Price
<b>853670</b>	42-287	3-3/32"	<b>WEB</b>



### High Impact ABS Plastic Levels

**Stanley** High-impact, durable, shock-resistant construction maintains the accuracy of these levels. Includes top-read center vials, measuring scale for multi tasks, non-marring for use on finished surfaces. (2 plumb & 1 level vials).

Stk.	Mfr.	Length	Price
<b>853891</b>	42-466	12"	<b>WEB</b>
<b>853892</b>	42-468	24"	<b>WEB</b>



### Structo-Cast® Levels

**Johnson Level** Tough, non-conductive molded resin frame. 3 impact-resistant acrylic vials (plumb, level & diagonal) with Quik-Change® vial covers.

Stk.	Mfr.	Length	Price
<b>486933</b>	7724-O	24"	<b>WEB</b>
<b>486934</b>	7748-O	48"	<b>WEB</b>



### Machined Top Read Aluminum Levels

**Johnson Level** Highly accurate, extruded aluminum I-beam frame with black anodized finish and computer-machined edges. Shock-protecting end caps. 360° acrylic yellow barrel vials (2 plumb & 1 level) with screw-on high-impact plastic covers and protective lenses. Large magnified top-read window. Strong, full-length magnetic strip.

Stk.	Mfr.	Length	Price
<b>486910</b>	3724	24"	<b>WEB</b>
<b>486912</b>	3748	48"	<b>WEB</b>
<b>486914</b>	3772	72"	<b>WEB</b>

### Magnetic Base

Stk.	Mfr.	Length	Price
<b>486920</b>	3824	24"	<b>WEB</b>
<b>486922</b>	3848	48"	<b>WEB</b>
<b>486923</b>	3872	72"	<b>WEB</b>



### I-Beam Aluminum Level

**Stanley** Heavy-duty aluminum I-beam construction provides rigidity and accuracy. Measuring scale printed on level. 180° rotating vial for a range of situations. 360° vials never need adjustment. Level accuracy of 0.0015".

Stk.	Mfr.	Length	Price
<b>853720</b>	42-324	24"	<b>WEB</b>



### 1000 Series I-Beam Levels

**Irwin** Rigid aluminum I-Beam construction. Rotating angle vial Full length V-grooved strip magnet.

Stk.	Mfr.	Length	Price
<b>619300</b>	1800990	24"	<b>WEB</b>
<b>619301</b>	1801094	48"	<b>WEB</b>



### FATMAX® Box Beam Level

**Stanley** Made from a single piece of wear-resistant aluminum, the box-beam structure of this level provides durability and accuracy. Block vials are accurate up to 0.5mm/m. The MaxEdge™ bridged center vial allows for uninterrupted surface marking.

Stk.	Mfr.	Length	Price
<b>853900</b>	43-524	24"	<b>WEB</b>
<b>853910</b>	43-548	48"	<b>WEB</b>

### Magnetic

Stk.	Mfr.	Length	Price
<b>853901</b>	43-525	24"	<b>WEB</b>
<b>853911</b>	43-549	48"	<b>WEB</b>



### Eco-Tech® Bamboo Level

**Johnson Level** Bamboo level resists mortar adhesion, making it easy to clean. Aluminum gauging edges assure durability. Unbreakable vial windows.

Stk.	Mfr.	Length	Price
<b>487624</b>	1610-2400	24"	<b>WEB</b>
<b>487625</b>	1610-4800	48"	<b>WEB</b>



### Magnetic Torpedo Laser Level

**Johnson Level** Durable, 7" molded plastic housing is impact resistant, lightweight (5 oz.) and works from 14°F to 113°F. Fits where standard-size levels won't. Three manual vials (plumb, level & accuracy cross-check). Built-in, rotating head swivels between dot, horizontal and vertical lines. Lasts for 70+ hours of continuous use.

**Includes** 2 AAA batteries.

Stk.	Mfr.	Price
<b>486926</b>	40-0915	<b>WEB</b>



### Hot Shot® LaserMouse™ Handheld Laser Level

**Johnson Level** Class II laser projects laser line up to 30'. Reusable SuperStik adhesion system adheres to any surface without leaving marks or holes. Integrated horizontal and vertical vials. Ideal for laying tile and flooring, installing cabinets and shelves and more.

**Includes** adhesive strip, 2 AA batteries, instructions & carrying pouch.

Stk.	Mfr.	Price
<b>486940</b>	9250	<b>WEB</b>



### Automatic Optical Level

**BOSCH** Large aperture 32x-power lens allows more light for a sharper image and excellent magnification. Self-leveling compensator with transport lock protects pendulum against damage and loss of calibration. Both horizontal/vertical Crosshairs and Stadia lines measures level, alignment and estimates distance. Screws provides stability in all weather for precision leveling. Top mount quick sight for quick sighting of leveling rod. Circular bubble vial with 90° prism for easy, fast set-up.

Magnification 35x. Accuracy up to ±1/16" @ 100'. Range up to 330'.

**Includes** automatic optical level, plumb bob, carrying case, tool kit, construction tripod & 8' leveling rod.

Stk.	Mfr.	Tripod Thread	Head	Price
<b>258902</b>	GOL26CK	5/8" x 11	Flat	<b>WEB</b>



### Self-Leveling Rotary Laser System

**CST/berger** Rotary laser can be used for leveling, setting foundations and footings, concrete pours, align and plumb walls and many more applications. Self-levels in the horizontal plane. Manual-leveling in the vertical plane with 90° split beam. Laser rotates at 200, 400, 600 RPM. Mfr.'s 3-year warranty.

Range: interior up to 200' dia., exterior up to 800' dia.

Accuracy +/-1/8"/50'. Beam type visible red laser.

Self-leveling range +/- 3°. Weight 3.3 lbs.

**Includes** laser, 4 AA batteries, wall-ceiling mount, 8' grade rod, detector with 2 AAA batteries and clamp, tinted glasses, magnetic target, elevating tripod and molded case.

Stk.	Mfr.	Tripod Thread	Price
<b>487605</b>	40-6517	5/8"-11	<b>WEB</b>



### Self-Leveling Rotary Laser Kit

**Johnson Level** Indoor and outdoor laser level can be used for setting foundations and footings, concrete pours, acoustical ceiling and drywall, metal stud and wood framers, level deck floors, establish diagonals and footings. Self-leveling in the horizontal plane. Vertical

manual-leveling with 90° split beam. Mfr.'s 3-year warranty.

Range: Interior up to 200' dia., Exterior up to 2,000' dia.

Accuracy +/-1/8"/100'. Beam type visible red laser.

Self-Leveling Range +/- 3.5°. Weight 4.40 lbs.

**Includes** laser, NiMH rechargeable battery pack, 6.4V battery adapter, battery compartment, detector with clamp and 9V battery, remote control and 9V battery, tinted glasses and molded case.

**Requires 4 C batteries, sold separately.**

Stk.	Mfr.	Tripod Thread	Head	Price
<b>487240</b>	40-6532	5/8" x 11"	Flat or Dome	<b>WEB</b>



### REVOLVE2000 Self-Leveling Horizontal/Vertical Rotary Laser Kit

**BOSCH** The Manual Dual Slope allows the user to adjust the slope angle on the laser on both the X- and Y-axes. Features a horizontal/vertical self-leveling laser, suitable for leveling and aligning applications. The laser's electronic

self-leveling system has a disturbance monitor, which indicates to the user if tool position changes, ensuring consistent leveling accuracy on the jobsite. The laser has a red metal cage for durability.

Range up to 2,000'. Accuracy up to +/- 1/16" at 100'.

Laser Diode Class 3R <5mW at 630-670nm. Weight 3.9 lbs.

**Includes** laser receiver, tripod, grade rod, remote control, laser glasses, target plate, wall mount, batteries and molded case.

Stk.	Mfr.	Tripod Thread	Head	Price
<b>258920</b>	GRL2000-40HVK	5/8"-11	Flat	<b>WEB</b>



### REVOLVE2000 Self-Leveling Horizontal Rotary Laser Kit

**BOSCH** Kit delivers a comprehensive solution for precise outdoor and indoor leveling. Manual Dual Slope allows the user to adjust the slope angle on the laser on both the X- and Y-axes. Features a horizontal self-leveling laser,

suitable for leveling, and aligning applications. The laser's electronic self-leveling system has a disturbance monitor, which indicates to the user if tool position changes, ensuring consistent leveling accuracy on the jobsite. The laser has a red metal cage for durability.

Range with detector up to 2,000'. Accuracy up to  $\pm 1/16"$  at 100'. Laser Diode Class 3R <5mW at 630-670nm. Self-leveling up to 5°. Weight 3.9 lbs.

**Includes** laser receiver with bracket, aluminum contractor tripod, 13' grade rod, red laser glasses, red target plate, batteries and molded case.

Stk.	Mfr.	Tripod Thread	Head	Price
<b>258921</b>	GRL2000-40HK	5/8"-11	Flat	<b>WEB</b>



### 3-Plane Leveling and Alignment-Line Laser

**BOSCH** This all-in-one level and alignment solution is ideal for 1-person job setup. The leveling laser generates 3 green-beam laser chalk lines in 360° laser planes – 1 horizontal and 2 vertical. With Bluetooth®, the user can control laser setup remotely with a smart

phone and the Bosch Leveling Remote App. Runs on the 12V Max Li-ion battery, or with 4 AA alkaline batteries. VisiMax™ Technology assures maximum line visibility.

Range Up to 200' dia. Accuracy Up to  $\pm 3/32$ -in @ 30'. Self-leveling up to 4°. Weight 2 lbs.

**Includes** 12V Max battery and charger, positioning device, laser target plate, AA alkaline battery adapter, heavy-duty pouch and case.

Stk.	Mfr.	Tripod Thread	Price
<b>258904</b>	GLL3-330CG	1/4"-20, 5/8"-11	<b>WEB</b>



### BT150 Compact Tripod

**BOSCH** Tripod with adjustable aluminum legs allows the user to work at precise heights ranging from 22" to 61". The adjustment crank allows for quick setup with the benchmark. The 1/4" mounting thread makes it compatible with Bosch line lasers, point lasers and laser measures. Weight 2.9 lbs.

Stk.	Mfr.	Tripod Thread	Price
<b>258908</b>	BT-150	1/4"-20	<b>WEB</b>



### Contractors' Rotary Laser Tripod

**BOSCH** Aluminum tripod designed for exterior use with a rotary laser on the job site. It features a universal flat head, string hook for a plumb bob and is lightweight for easy transport. Painted casting for a durable and long lasting finish.

Length 38" closed, 63" open. Weight 19.84 lbs.

Stk.	Mfr.	Tripod Thread	Head	Price
<b>258909</b>	BT-160	5/8"-11	Flat	<b>WEB</b>

## SCRATCH AWLS



### 6-1/16" Scratch Awl

**Stanley** Hardwood handle. Heat-treated alloy steel blade is plated for corrosion resistance. Chrome-plated steel ferrule for strength.

Stk.	Mfr.	Bar Length	Bar Diameter	Price
<b>864455</b>	69-122	3-3/8"	3/16"	<b>WEB</b>



### Hardwood Handle Scratch Awl

**General** Alloy steel blade runs through the fluted hardwood handle, and is attached to plated steel ferrule.

Stk.	Mfr.	Bar Length	Bar Diameter	Price
<b>419475</b>	818	3-3/4"	3/16"	<b>WEB</b>



### 4" Scratch Awl

**Stanley** Blade, shank and bolster forged from 1 piece of steel anchored in plastic handle.

Stk.	Mfr.	Bar Length	Bar Diameter	Price
<b>864316</b>	69-006A	3-1/2"	1/4"	<b>WEB</b>



### Plastic Handle Scratch Awl

**Great Neck** Drop-forged steel blade goes through the shock-resistant plastic handle.

Stk.	Mfr.	Bar Length	Price
<b>281182</b>	SC3C	3"	<b>WEB</b>

## MARKING & LAYOUT



### Carpenter Pencils

**Johnson Level** American wood from renewable forests with medium graphite lead. Flat design will not roll.

Stk.	Mfr.	Qty.	Price
<b>487007</b>	CPB-12	12	<b>WEB</b>



### 3:1 Single Chalk Reel

**DEWALT** A 3:1 gear ratio allows for smooth and quick retractions of line. Handle folds flush to the body. Integrated clutch reduces line jams and can be activated with a closed or open handle. Over-molded soft grip. 1mm line for tight, clean marks.

**Chalk sold separately.**

Stk.	Mfr.	Length	Price
<b>243429</b>	DWHT47372	100'	<b>WEB</b>



### Strait-Line® Speedline™ Chalk Reel

**Irwin** Large fill door design for quick and easy chalk fill. Abrasion-resistant poly line provides 5-6 strikes per pull. 3:1 gear ratio rewinds line faster than traditional chalk reels. Steel handle and large ergonomic clutch for increased durability, strength, and torque. Lightweight ABS housing withstands wear and tear.

**Chalk sold separately.**

Stk.	Mfr.	Length	Price
<b>456101</b>	1932874	100'	<b>WEB</b>





### Strait-Line® Aluminum Chalk Reel

**Irwin** Wide door for quick and easy chalk fill. Abrasion-resistant poly line provides 5-6 strikes per pull. 1:1 Gear ratio rewinds line. Robust steel handle and large center hub with durable aluminum housing.

**Chalk sold separately.**

Stk.	Mfr.	Length	Price
<b>456100</b>	1932872	100'	<b>WEB</b>



### Chalk Reel w/Yellow Case

**Stanley** Felt gasket hugs line, distributes uniform chalk coating. Universal hook attaches to any projection or slot. Die-cast aluminum safety yellow case. Can be used as plumb bob. Foldable handle.

**Chalk sold separately.**

Stk.	Mfr.	Length	Price
<b>855472</b>	47-099	100'	<b>WEB</b>



### FatMax® Chalk Reel

**Stanley** Strong polymer braided line provides 2x the line strength than traditional chalk line reels. Water resistant case features a non-slip rubber grip and a push button for string locking mechanism. Spare hook included. Holds up to a full 4 oz. bottle of chalk.

**Chalk sold separately.**

Stk.	Mfr.	Length	Price
<b>855480</b>	47-140L	100'	<b>WEB</b>



### Standard Marking Chalk

**Irwin** Strait-Line® interior or exterior use chalk makes temporary marks and provides great visibility.

Stk.	Mfr.	Color	Size	Price
<b>456380</b>	64901	Blue	8 oz.	<b>WEB</b>



### Permanent Marking Chalk

**Irwin** Strait-Line® chalk for exterior use. Visible after weeks of weather exposure and jobsite wear.

Stk.	Mfr.	Color	Size	Price
<b>456381</b>	64902	Red	8 oz.	<b>WEB</b>



### Hi-Visibility Marking Chalk

**Irwin** Hi-visibility exterior use marking chalk to show layout changes and corrections. Ideal for low light conditions and on dark surfaces.

Stk.	Mfr.	Color	Size	Price
<b>456384</b>	64905ZR	Orange	8 oz.	<b>WEB</b>



### Brass Plumb Bobs

**Johnson Level** Machined brass with lacquer finish and replaceable hardened steel tip. Removable cap for easy, centered string installation.

Stk.	Mfr.	Size	Price
<b>486900</b>	108	8 oz.	<b>WEB</b>
<b>486901</b>	112	12 oz.	<b>WEB</b>
<b>486903</b>	116	16 oz.	<b>WEB</b>



### 8" Pencil Compass

**General** Precision, carpentry compass, made of die-cast, rust-resistant metal. Spring tension adjustment for marking up to 8" dia. and has a scribe guide for edge marking. Use with pencil or slim ballpoint pen.

**Includes** pencil.

Stk.	Mfr.	Dia.	Price
<b>419630</b>	842	8"	<b>WEB</b>



### 8" Pencil Compass & Scriber

**General** Brass-plated steel with a full-length hardened steel pin in a metal frame. Positive wing nut adjustment.

Stk.	Mfr.	Dia.	Price
<b>419631</b>	843/1	8"	<b>WEB</b>



### 13" Pencil Compass

**Westcott** Ball bearing, all-metal nickel-plated compass. Easy grip top for firm control. Scaled in inches and metric on arm. Easily adjusts.

**Includes** pencil.

Stk.	Mfr.	Dia.	Price
<b>189155</b>	12201	13"	<b>WEB</b>



### FatMax® Chisel Compass

**Stanley** Used for marking precise hole locations. Designed to hold the pivot scribe in place and move pencil holder around it to create perfect circles up to 31" dia. 16" solid fiberglass rod for stability. Mfr.'s limited lifetime warranty.

Stk.	Mfr.	Dia.	Price
<b>864560</b>	FMHT16579	31"	<b>WEB</b>



### ANGLE-IZER® Digital Protractor

**General** Takes guesswork out of measuring, marking, reading and transferring angles. Easy-read display may be inverted.

Range: 0° to 180°. Accuracy: ±0.1°. Resolution: 0.05°.

**Includes** 3V battery.

Stk.	Mfr.	Length	Price
<b>419891</b>	1702	6"	<b>WEB</b>



### ProSite® Steel Protractor

**Starrett** Replaces the error prone calculation process for perfect miter cuts. The easy-to-use tool has 2 scales. 1 shows the miter joint angle, the second provides the angle to fit a single workpiece to an angle. To use, measure the angle, set the saw to the angle that the arrow points to on the scale, then cut the pieces.

Stk.	Mfr.	Length	Price
<b>875300</b>	505A-12	12"	<b>WEB</b>



### Pocket Scriber

**Starrett** Steel tubing handle, knurled and nickel-plated. The scriber point is held firmly on the handle by a knurled chuck and locked inside handle when not in use.

#### Steel

Stk.	Mfr.	Point	Stock	Price
<b>873670</b>	70A	2-3/8"L	1/4" dia.	<b>WEB</b>
<b>873680</b>	70B	2-7/8"L	3/8" dia.	<b>WEB</b>

#### Carbide

Stk.	Mfr.	Point	Stock	Price
<b>873676</b>	70AX	2-3/8"L	1/4" dia.	<b>WEB</b>
<b>873688</b>	70BX	2-7/8"L	3/8" dia.	<b>WEB</b>



### 3-Piece Scriber Set

**Starrett** Scriber points screw into the nickel-plated knurled handle and fit either end.

**Includes** 3 points: straight, short bent (9"L) & long bent (12"L).

Stk.	Mfr.	Price
<b>873603</b>	67A	<b>WEB</b>



### Tungsten Carbide Point Scriber

**General** Tungsten carbide tip marks stainless steel, copper, ceramics, glass. Screw chuck for reversing tip when not in use.

Stk.	Mfr.	Length	Price
<b>417660</b>	88	6"	<b>WEB</b>
<b>417662</b>	88CM	6" w/Magnet	<b>WEB</b>



### Pin Vise

**General** Nickel-plated swivel head pin vise for holding drills, taps, wire. 0-1/8" capacity.

**Includes** 2 double end collets.

Stk.	Mfr.	Dia.	Length	Price
<b>417670</b>	92	5/16"	3-11/16"	<b>WEB</b>



### Mortise and Marking Gauge

**Robert Larson** One side is for marking mortises and has a sliding adjustment mechanism. The other side has a single pin which allows the tools to be used as a traditional marking gauge.

Stk.	Mfr.	Length	Price
<b>768861</b>	605-1250	7-3/4"	<b>WEB</b>



### Single Bar Marking Gauge

**General** Easily traces the edge of a flat surface for ripping and cutting. The steel bar features an engraved, graduated ruler for making accurate measurements. The needle point scriber easily marks wood, plastic, hardboard and other materials.

Graduations: 16ths.

Stk.	Mfr.	Length	Price
<b>419535</b>	820	6"	<b>WEB</b>



### ANGLE-IZER® Contour Gauge

**General** Ideal for any job or hobby where contour duplication is essential. Body is painted enamel and brass-plated. Stainless steel pins with overall travel of 5-1/4". Inch graduations.

Stk.	Mfr.	Size	Price
<b>419615</b>	837	6" x 3-1/2"	<b>WEB</b>



### Center Finder

**Robert Larson** Locates the exact center in a piece of wood in seconds without calculations. 8" max. for circle, octagon, square and 5-3/4" max. for hexagon.

Stk.	Mfr.	Size	Price
<b>768875</b>	800-2875	9"L x 6"W x 1/2"H	<b>WEB</b>

## PUNCHES & CHISELS



### Automatic Center Punches

**Starrett** Lightweight aluminum handle, plus 3 diamond knurled bands. No hammer required. Force of blow is regulated by turning knurled cap. All working parts are tool steel, properly hardened. Steel point may be removed for sharpening. Exclusive self-centering sleeve automatically centers holes for screws through butt hinges and other types of hardware items.

Stk.	Mfr.	Item	Price
<b>875365</b>	818		<b>WEB</b>
<b>875368</b>	819	With precision-beveled locating sleeve	<b>WEB</b>



### Ball Bearing Automatic Center Punch

**General** Ball-bearing automatic center punch with replaceable solid steel point. 1-hand, spring-impact operation needs no hammer. Lightweight aluminum-plated body with long wearing alloy steel parts and knurled grip.

Stk.	Mfr.	Dia.	Length	Price
<b>417510</b>	77	5/8"	5"	<b>WEB</b>



### Jiffy Centering Punch

**General** For starting screw holes when attaching hinges, hasps and other countersink items. Nickel-plated steel, knurled body. Bevel tip.

Stk.	Mfr.	Dia.	Length	Price
<b>419412</b>	806	3/8"	2-1/2"	<b>WEB</b>



### Round Shank Center Punches

**Starrett** Round shank, fine tool steel, hardened on both ends. Tempered and proportioned with knurled finger grip. Tips accurately centered and ground at proper angle.

#### Punches

Stk.	Mfr.	Point	Stock	Length	Price
<b>874156</b>	117AA	1/16"	3/16"	3"	<b>WEB</b>
<b>874155</b>	117A	5/64"	9/32"	4"	<b>WEB</b>
<b>874159</b>	117B	3/32"	19/64"	4"	<b>WEB</b>
<b>874164</b>	117C	9/64"	5/16"	4"	<b>WEB</b>
<b>874168</b>	117D	5/32"	3/8"	4"	<b>WEB</b>

**5-Piece Set Includes** points of 1/16", 5/64", 3/32", 9/64" & 5/32", plus plastic pouch.

Stk.	Mfr.	Point	Stock	Length	Price
<b>874175</b>	S117PC				<b>WEB</b>



### Economy Finish Center Punches

**Mayhew** For piercing or marking and starting drills in metal or other materials. Designed for use on metals softer than the cutting edge itself. Forged by hand from the highest quality alloy steels. USA made.

Stk.	Mfr.	Point	Stock	Length	Price
<b>961675</b>	74000	3/32"	1/4"	4"	<b>WEB</b>
<b>961676</b>	74001	5/32"	5/16"	4-1/2"	<b>WEB</b>
<b>960885</b>	74002	3/16"	3/8"	5"	<b>WEB</b>
<b>960887</b>	74003	5/16"	1/2"	6"	<b>WEB</b>



### Full Finish Solid Punches

**Mayhew** Designed to drive out rivets and to loosen frozen or tight pins and keys. For use on metals softer than the cutting edge itself. Forged by hand from the highest quality alloy steels. USA made.

Stk.	Mfr.	Point	Stock	Length	Price
<b>960896</b>	20001	1/8"	3/8"	5"	<b>WEB</b>
<b>960898</b>	20002	3/16"	7/16"	5-1/2"	<b>WEB</b>
<b>960900</b>	20003	1/4"	1/2"	6"	<b>WEB</b>
<b>960902</b>	20105	5/16"	1/2"	6"	<b>WEB</b>
<b>960904</b>	20301	3/8"	5/8"	6-1/2"	<b>WEB</b>



### Economy Finish Pin Punches

**Mayhew** Designed to drive and remove pins and rivets already loosened by a solid punch. For use on metals softer than the cutting edge itself. Forged by hand from the highest quality alloy steels. USA made.

Stk.	Mfr.	Point	Stock	Length	Price
<b>960915</b>	71000	1/16"	1/4"	4"	<b>WEB</b>
<b>960917</b>	71001	3/32"	5/16"	4-1/2"	<b>WEB</b>
<b>960919</b>	71002	1/8"	5/16"	4-3/4"	<b>WEB</b>
<b>960921</b>	71003	5/32"	5/16"	5"	<b>WEB</b>
<b>960923</b>	71004	3/16"	3/8"	5-1/4"	<b>WEB</b>
<b>960927</b>	71005	1/4"	3/8"	5-3/4"	<b>WEB</b>
<b>960929</b>	71503	5/16"	1/2"	6"	<b>WEB</b>
<b>960931</b>	71504	3/8"	1/2"	6-1/2"	<b>WEB</b>



### 7-Piece Center Punch Set

**Starrett** Square knurled grip will not roll when laid down. Tool steel hardened and tempered full length. Special tempering process prevents head from fracturing. Tips accurately centered and ground at proper angle. Lengths 2-7/8" to 5".

**Includes** 1/16", 5/64", 3/32", 1/8", 5/32", 3/16" & 1/4", plus laminated wood holder.

Stk.	Mfr.	Price
<b>874390</b>	S264VVB	<b>WEB</b>



### 5-Piece Drive Pin Punch Set

**Starrett** Bodies are 4-1/2"L, pin section is 3-1/2"L, overall 8"L. Selected tool steel, well-proportioned, hardened with a knurled grip. Designed to withstand hard use.

**Includes** 1/8", 3/16", 1/4", 5/16", 3/8" & plastic pouch.

Stk.	Mfr.	Price
<b>874378</b>	S248PC	<b>WEB</b>



### 5-Piece Long Drive Pin Punch Set

**General** Long-drive punches reach where shorter punches can't. Tool steel, hardened, centerless ground with a knurled grip. 4-1/2"L body with 3-1/2"L pin. Conforms to GGG-P-831E specifications.

**Includes** 1/8", 3/16", 1/4", 5/16", 3/8" & vinyl case.

Stk.	Mfr.	Price
<b>417501</b>	SPC76	<b>WEB</b>



### 8-Piece Drive Pin Punch

**General** Ends are ground square for accurate pin driving. Tool steel, uniformly heat-treated, centerless ground with knurled bodies withstand hard use. 4"L. Conforms to GGG-P-831E specifications.

**Includes** 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & molded case.

Stk.	Mfr.	Price
<b>417500</b>	SPC75	<b>WEB</b>



### 8-Piece Drive Pin Punch Set

**Starrett** Selected tool steel, well-proportioned, hardened, highly polished and knurled finger grip. 4"L.

**Includes** 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & wood holder.

Stk.	Mfr.	Price
<b>875310</b>	S565VVB	<b>WEB</b>



### 8-Piece Knurled Pin Punch Set

**Mayhew** Forged from the highest quality alloy steels. Knurled finger grip. Bodies are 4"L USA made.

**Includes** 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" & 5/16", plus pouch.

Stk.	Mfr.	Price
<b>528690</b>	62060	<b>WEB</b>



### 10-Piece Full Finish Punch Set

**Mayhew** Designed to mark metal, drive and remove pins and rivets and align holes in different sections of metal and other material. For use on metals softer than the cutting edge itself. Forged by hand from the highest quality alloy steels. USA made.

**Includes** 5/32" center punch, 8 pin punches (3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8") & 1/8" solid punch, plastic pouch w/hanging grommet.

Stk.	Mfr.	Price
<b>962494</b>	62005	<b>WEB</b>



### Cold Chisels

**Mayhew** Designed to cut, shape and remove metal softer than the cutting edge itself, such as cast iron, wrought iron, steel, bronze and copper. Forged by hand from the highest quality alloy steels.

Stk.	Mfr.	Cutting Edge	Stock	Length	Price
<b>959469</b>	70200	1/4"	1/4"	5"	<b>WEB</b>
<b>959536</b>	70201	5/16"	1/4"	5"	<b>WEB</b>
<b>959603</b>	70202	3/8"	5/16"	5-1/2"	<b>WEB</b>
<b>959670</b>	70205	1/2"	7/16"	6"	<b>WEB</b>
<b>959737</b>	70209	5/8"	1/2"	6-1/2"	<b>WEB</b>
<b>959804</b>	70212	3/4"	5/8"	7"	<b>WEB</b>
<b>959871</b>	70216	7/8"	3/4"	7-1/2"	<b>WEB</b>
<b>959938</b>	70220	1"	7/8"	8"	<b>WEB</b>

**6-Piece Includes** 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", plus plastic roll.

Stk.	Mfr.	Cutting Edge	Stock	Length	Price
<b>528655</b>	60560				<b>WEB</b>



### 5-Piece Punch & Chisel Set

**GEARWRENCH Includes** 1/8", 5/32" & 3/16" pin punches, 1/2" cold chisel & 3/8" center punch.

Stk.	Mfr.	Price
<b>433530</b>	82304	<b>WEB</b>



### 12-Piece Punch & Chisel Set

**Stanley** 1-piece construction forged for strength. Hardened, quenched & tempered for long life & durability. Powder-coated finish for easy visibility.

Stk.	Mfr.	Price
<b>848438</b>	16-299	<b>WEB</b>



### Punch & Chisel Sets

**Mayhew** USA made.

**6-Piece Set Includes** 1/2" & 5/8" cold chisels, 3/16" center punch, 3/16" pin punch, 3/16" solid punch, plus plastic pouch.

Stk.	Mfr.	Price
<b>528672</b>	61005	<b>WEB</b>

**14-Piece Set Includes** 1/8" line-up punch, 1/8" & 3/16" solid punches, 3/8" center punch, 1/4", 3/8", 1/2", 5/8", 3/4" cold chisels, 3/32", 1/8", 5/32", 3/16" & 1/4" pin punches, plus plastic pouch.

Stk.	Mfr.	Price
<b>528680</b>	61044	<b>WEB</b>

**24-Piece Set Includes** 1/4" cape chisel, 5/16" prick punch, 3/8" & 1/2" center punches, 1/4" diamond point chisel, 1/4" half round nose chisel, 1/4", 5/16", 3/8", 1/2", 5/8" & 3/4" cold chisels, 3/32", 1/8", 5/32", 3/16", 1/4" & 5/16" solid punches, 3/32", 1/8", 5/32", 3/16", 1/4" & 5/16" pin punches, plus plastic pouch.

Stk.	Mfr.	Price
<b>528681</b>	61050	<b>WEB</b>



### Punch & Chisel Holder

**Proto** Reduce risk of injury. This tool holds punches and chisels up to 1" dia., has a nylon insert to absorb shock and a 4-sided handle.

Stk.	Mfr.	Price
<b>909130</b>	J2108	<b>WEB</b>

## AUGER BITS



### Solid Center Auger Bit

**Irwin** For use in electric drills and hand braces. Heat-treated full length for added strength. Coarse screw point for fast boring in all types of wood.

Stk.	Mfr.	Size	Shank	Length	Price
<b>484010</b>	49904	1/4"	3/8"	7-1/2"	<b>WEB</b>
<b>484012</b>	49906	3/8"	3/8"	7-1/2"	<b>WEB</b>
<b>484014</b>	49908	1/2"	3/8"	7-1/2"	<b>WEB</b>
<b>484016</b>	49910	5/8"	3/8"	7-1/2"	<b>WEB</b>
<b>484018</b>	49912	3/4"	3/8"	7-1/2"	<b>WEB</b>
<b>484020</b>	49914	7/8"	3/8"	7-1/2"	<b>WEB</b>
<b>484022</b>	49916	1"	3/8"	7-1/2"	<b>WEB</b>



### Straight Shank Installer Bit

**Irwin** 3-flatted shank prevents slipping in drill chuck and includes hole for easy wire pulling through walls, ceilings and floors.

Stk.	Mfr.	Dia.	Length	Price
<b>619005</b>	1890709	3/8"	18"	<b>WEB</b>

### Adjustable Wood Bit



**Irwin** Adjustable cutting blade cuts 35 standard hole sizes in increments of 1/16".

Stk.	Mfr.	Dia.	Length	Price
<b>483371</b>	44202	7/8" - 3"	6-1/2"	<b>WEB</b>

## WOOD CHISELS

### Basic Carving Tool Set



**Buck** Carving tools are forged from quality tool steel with hand-ground surfaces and sharpened edges. Sturdy plastic handles are designed to fit comfortably in the hand.

**Includes** 1/2" straight gouge, 1/2" firmer chisel, 1/4" straight gouge, 1/4" corner chisel, 1/4" front bent chisel and 1/4" V-parting tool.

Stk.	Mfr.	Blade	Handle	Price
<b>281005</b>	306	3"L	3"L	<b>WEB</b>

### 6-Piece Carving Tool Set



**Stanley** Ideal for woodworking projects that require detail carving. The blades are tempered and ground for detail cutting, and each chisel has a wood handle for a comfortable and stable grip.

**Includes** straight, skewed, straight gouge, V-parting, bent gouge and curved flat.

Stk.	Mfr.	Price
<b>864520</b>	STHT16863	<b>WEB</b>



### 12-Piece Carving Tool Set

**Steelex** Set features beech wood handles with steel ferrules.

**Includes** leather roll-up pouch, plus 6 mm (straight, spoon, beading, right skew, V-groove, round nose and double skew), 8 mm gouge, 10 mm V-tool and gouge, 12 mm straight and 14 mm gouge.

Stk.	Mfr.	Blade	Handle	Price
<b>785621</b>	D2227	3/14"L	3-5/8"L	<b>WEB</b>



### Comfort Grip Wood Chisel

**Buck** High carbon steel blade is 5-1/2" long, precisely honed and sharpened with a precision cut edge for long life. Can be resharpened. Extended handle is made from high-density shatterproof polypropylene and has contoured bi-material non-slip grip for greater control and less strain.

Stk.	Mfr.	Width	Price
<b>281241</b>	74711	1/4"	<b>WEB</b>
<b>281242</b>	74712	3/8"	<b>WEB</b>
<b>281243</b>	74713	1/2"	<b>WEB</b>
<b>281244</b>	74714	5/8"	<b>WEB</b>
<b>281245</b>	74715	3/4"	<b>WEB</b>
<b>281246</b>	74716	1"	<b>WEB</b>

**3-Piece Set Includes** 1/2", 3/4" and 1".

Stk.	Mfr.	Width	Price
<b>281247</b>	74730		<b>WEB</b>





### Wood Chisels

**Stanley** Hardened and tempered chrome carbon steel blade is precision ground and edge honed. Ergonomically designed impact resistant handle made of polypropylene and TPR. Hang tag stores and protects tool.

Stk.	Mfr.	Width	Price
<b>848440</b>	16-304	1/4"	<b>WEB</b>
<b>848441</b>	16-308	1/2"	<b>WEB</b>
<b>848442</b>	16-312	3/4"	<b>WEB</b>
<b>848443</b>	16-316	1"	<b>WEB</b>
<b>848444</b>	16-320	1-1/4"	<b>WEB</b>
<b>848445</b>	16-324	1-1/2"	<b>WEB</b>

**3-Piece Set Includes** 1/2", 3/4", 1".

Stk.	Mfr.	Width	Price
<b>848446</b>	16-300		<b>WEB</b>



### FatMax® Wood Chisels

**Stanley** Hardened and tempered high-chrome carbon alloy steel blade for edge retention. Precision-ground blade accurately sized and etched with blade size. Ergonomic, bi-material grip handle is break resistant. Steel striking cap for use with steel-headed hammer.

Stk.	Mfr.	Width	Price
<b>849202</b>	16-973	1/4"	<b>WEB</b>
<b>849203</b>	16-974	3/8"	<b>WEB</b>
<b>849204</b>	16-975	1/2"	<b>WEB</b>
<b>849205</b>	16-976	5/8"	<b>WEB</b>
<b>849206</b>	16-977	3/4"	<b>WEB</b>
<b>849207</b>	16-978	1"	<b>WEB</b>
<b>849208</b>	16-979	1-1/4"	<b>WEB</b>
<b>849209</b>	16-980	1-1/2"	<b>WEB</b>
<b>849210</b>	16-981	2"	<b>WEB</b>

**3-Piece Set Includes** 1/2", 3/4", 1".

Stk.	Mfr.	Width	Price
<b>849200</b>	16-970		<b>WEB</b>

**6-Piece Set Includes** 1/4", 1/2", 3/4", 1", 1-1/4", 1-1/2".

Stk.	Mfr.	Width	Price
<b>849201</b>	16-971		<b>WEB</b>



### Marples Blue Chip Chisels

**Irwin** High-carbon, solid-forged steel blades provide maximum edge retention. Longer blades and handles for increased leverage. Slightly squared polypropylene handles are designed for hand or mallet work.

Stk.	Mfr.	Width	Price
<b>619606</b>	M444/-1/4N	1/4"	<b>WEB</b>
<b>619607</b>	M444/-3/8N	3/8"	<b>WEB</b>
<b>619608</b>	M444/-1/2N	1/2"	<b>WEB</b>
<b>619609</b>	M444/-5/8N	5/8"	<b>WEB</b>
<b>619610</b>	M444/-3/4N	3/4"	<b>WEB</b>
<b>619611</b>	M444/1N	1"	<b>WEB</b>
<b>619612</b>	M444/1-1/4N	1-1/4"	<b>WEB</b>
<b>619613</b>	M444/1-1/2N	1-1/2"	<b>WEB</b>
<b>619616</b>	M444/2N	2"	<b>WEB</b>

**4-Piece Set Includes** 1/4", 1/2", 3/4", 1".

Stk.	Mfr.	Width	Price
<b>619617</b>	M444/S4N		<b>WEB</b>

**6-Piece Set Includes** 1/4", 3/8", 1/2", 5/8", 3/4", 1", plus case.

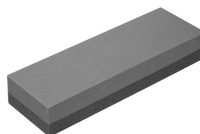
Stk.	Mfr.	Width	Price
<b>619614</b>	M444/SB6N		<b>WEB</b>



### Honing Guide

**Robert Larson** Blade registration system assures the blade is square and bevel is correct. Clamping mechanism registers on the face of both flat and tapered blades. Three-position eccentric roller allows for easily honed microbevel.

Stk.	Mfr.	Price
<b>768930</b>	860-8500	<b>WEB</b>



### India Oil Stones

**NORTON** Aluminum oxide stone for producing sharp edges on chisels, edge tools and plane blades, plus for cleaning, deburring. Coarse/fine combination bench stone.

Stk.	Mfr.	Size	Price
<b>608787</b>	85560	2" x 1" x 6"	<b>WEB</b>
<b>608854</b>	85565	2" x 1" x 8"	<b>WEB</b>



### Sharpening Stone Oil

**NORTON** For use with all sharpening stones to help reduce particle build-up on the stone surface.

Stk.	Mfr.	Size	Price
<b>609457</b>	87760	4-1/2 oz.	<b>WEB</b>

## PLANES



### Bailey® No. 4 Smooth Bench Plane

**Stanley** Gray cast iron base with precision-ground side and bottom. Durable epoxy coating. Hardened, tempered and precision-ground tool steel cutter for cutting edge durability. Fully-machined and polished double iron cutter and lever. Frog seat is machined

for precise mouth adjustment. Precise shaving control provided by exact depth and lateral cutter adjustment. Solid brass cutter adjustment knob. Quick-release cam-lock for easy iron removal. Kidney-shaped hole in lever cap prevents accidental cutter slips. Contoured and polished high-impact polymer handles and knobs.

Stk.	Mfr.	Length	Cutter Width	Price
<b>845489</b>	12-904	9-3/4"	2"	<b>WEB</b>



### Bailey® No. 5 Bench Plane

**Stanley** Gray cast iron base with precision-ground side and bottom. Durable epoxy coating. Hardened, tempered and precision-ground tool steel cutter for cutting edge durability. Fully-machined and polished double

iron cutter and lever. Precisely-machined mouth adjusting frog seat. Precise shaving control provided by exact depth and lateral cutter adjustment. Solid brass cutter adjustment knob. Quick-release cam-lock for easy iron removal. Kidney shaped hole in lever cap prevents accidental slippage of cutter. Contoured and polished high impact polymer handles and knobs.

Stk.	Mfr.	Length	Cutter Width	Price
<b>845556</b>	12-905	14"	2"	<b>WEB</b>



### Block Plane

**Stanley** Gray cast iron base with bottom machined and true. Durable epoxy coating for long lasting protection. Cast-in finger rest at front of plane for comfort. Hardened and tempered tool steel cutter for cutting edge durability. Cutter rests at a 21° angle, ideal for cross grain planing. Cutter is fully adjustable for depth of cut and lateral adjustment.

Stk.	Mfr.	Length	Cutter Width	Cutting Angle	Price
<b>846140</b>	12-220	7"	1-5/8"	21°	<b>WEB</b>



### Bailey® Block Plane

**Stanley** Gray cast iron base with precision ground side and bottom. Durable epoxy coating for long lasting protection. Hardened, tempered and precision ground tool steel cutter for cutting edge durability. Exact depth and lateral cutter adjustment for precise shaving. Quick release cam-lock for easy blade removal. Machined finger grips in sides provide for easy single-handed use. Fully adjustable cutter resting at 21° angle. 13-1/2" low angle cutter ensures that vibration is kept to a minimum for a fine finish. Ideal for planing end grain and plastic materials.

Stk.	Mfr.	Length	Cutter Width	Cutting Angle	Price
<b>845740</b>	12-920	6-3/8"	1-5/8"	21°	<b>WEB</b>

### Low Angle

Stk.	Mfr.	Length	Cutter Width	Cutting Angle	Price
<b>845824</b>	12-960	6-1/4"	1-3/8"	13-1/2°	<b>WEB</b>



### Bullnose Rabbit Plane

**Stanley** One piece cast iron body and handle with accurately machined working surfaces. This plane has 2 cutter positions: the rear position for regular work and the forward position for bull nose work. Rear cutter has precise depth adjustment.

**Includes** spur, removable depth gauge & adjustable fence.

Stk.	Mfr.	Length	Cutter Width	Price
<b>845891</b>	12-978	10"	1-1/2"	<b>WEB</b>



### Small Trimming Plane

**Stanley** Small, light plane for modeling, sculpture, odds and ends of light work. Sides and trimmings are durable nickel finish.

Stk.	Mfr.	Length	Cutter Width	Price
<b>845970</b>	12-101	3-1/2"	1"	<b>WEB</b>

### Block Plane Iron Replacement Cutter

**Stanley** Replacement plane irons are made from hardened and tempered high carbon chrome steel which have excellent edge retention and characteristics and allows a razor sharp edge to be honed. Cutter is ground to give a flat surface that is easier to sharpen. Irons are supplied with an accurate ground edge of 25°.

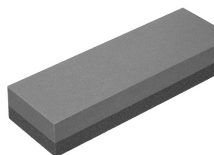
Stk.	Mfr.	Cutter Width	Fits	Price
<b>846564</b>	12-504	1-3/8"	G12-060	<b>WEB</b>
<b>846634</b>	12-508	1-5/8"	12-920, 12-253, 12-247, 12-252, G12-020, G12-220, 9-1/2A, 220A	<b>WEB</b>
<b>846435</b>	12-331	1-5/8"	9-1/2, 9-1/4, 118, 220, 12-019, 12-020, 12-118 & 12-220	<b>WEB</b>
<b>846162</b>	12-313	2"	4, 1204, 5, 1205, 12-005, 12-004, 12-204, 12-205, 12-904, 12-905, G12-204, G12-205, G12-004 & G12-005	<b>WEB</b>



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### India Oil Stones

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Stk.	Mfr.	Size	Price
<b>608787</b>	85560	2" x 1" x 6"	<b>WEB</b>
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### Sharpening Stone Oil

**NORTON** For use with all sharpening stones to help reduce particle build-up on the stone surface.

Stk.	Mfr.	Size	Price
<b>609457</b>	87760	4-1/2 oz.	<b>WEB</b>

## FILES



### Flat Aluminum Type "A" Files

**Nicholson** Special tooth construction eliminates clogging when filing aluminum. Smooth finishes obtained by using shearing cut towards left. Double cut.

Stk.	Mfr.	Length	Price
<b>778737</b>	00047NN	10"	<b>WEB</b>
<b>778804</b>	00070NN	12"	<b>WEB</b>



### Flat File

**Nicholson** Used for rapid removal of metal. Double cut.

Stk.	Mfr.	Length	Price
<b>778938</b>	03566NN	8"	<b>WEB</b>
<b>779005</b>	03665NN	10"	<b>WEB</b>

### Second Cut

Stk.	Mfr.	Length	Price
<b>779206</b>	03599NN	8"	<b>WEB</b>
<b>779273</b>	03698NN	10"	<b>WEB</b>

### Smooth Cut

Stk.	Mfr.	Length	Price
<b>779474</b>	03632NN	8"	<b>WEB</b>
<b>779541</b>	03731NN	10"	<b>WEB</b>

### Half Round File

**Nicholson** Rounded on 1 side, flat on the other. Can be used on concave and convex as well as flat surfaces. Double cut.

#### Bastard Cut

Stk.	Mfr.	Length	Price
<b>780278</b>	04896N	8"	<b>WEB</b>
<b>780345</b>	04995N	10"	<b>WEB</b>

#### Second Cut

Stk.	Mfr.	Length	Price
<b>780546</b>	04927N	8"	<b>WEB</b>
<b>780613</b>	05026N	10"	<b>WEB</b>

#### Smooth Cut

Stk.	Mfr.	Length	Price
<b>780814</b>	04960NN	8"	<b>WEB</b>
<b>780881</b>	05059N	10"	<b>WEB</b>

### Hand Files

**Nicholson** Double cut.

#### Bastard Cut

Stk.	Mfr.	Length	Price
<b>779955</b>	05853N	8"	<b>WEB</b>
<b>779963</b>	05968N	10"	<b>WEB</b>

#### Second Cut

Stk.	Mfr.	Length	Price
<b>779964</b>	06001NN	10"	<b>WEB</b>

#### Smooth Cut

Stk.	Mfr.	Length	Price
<b>779965</b>	06034N	10"	<b>WEB</b>

### Mill File

**Nicholson** For sharpening mill or circular saws. Also for draw-filing and finishing metals. Single cut.

#### Bastard Cut

Stk.	Mfr.	Length	Price
<b>781484</b>	08497NN	8"	<b>WEB</b>
<b>781551</b>	08642NN	10"	<b>WEB</b>

#### Second Cut

Stk.	Mfr.	Length	Price
<b>781752</b>	08529NN	8"	<b>WEB</b>
<b>781819</b>	08673NN	10"	<b>WEB</b>

#### Smooth Cut

Stk.	Mfr.	Length	Price
<b>782020</b>	08560NN	8"	<b>WEB</b>
<b>782087</b>	08704NN	10"	<b>WEB</b>

### Round File

**Nicholson** Used to file circular openings or concave surfaces. Slightly tapered towards the point. Single cut.

#### Bastard Cut

Stk.	Mfr.	Length	Price
<b>782422</b>	11904	8"	<b>WEB</b>
<b>782489</b>	12019	10"	<b>WEB</b>

#### Second Cut

Stk.	Mfr.	Length	Price
<b>782690</b>	11936	8"	<b>WEB</b>
<b>782757</b>	12051	10"	<b>WEB</b>

#### Smooth Cut

Stk.	Mfr.	Length	Price
<b>782958</b>	11969	8"	<b>WEB</b>
<b>783025</b>	12084	10"	<b>WEB</b>

### Square File

**Nicholson** Used for filing slots, keyways and general surface filing. Tapered slightly towards the point. Double cut.

#### Bastard Cut

Stk.	Mfr.	Length	Price
<b>783226</b>	13081	8"	<b>WEB</b>
<b>783293</b>	13196	10"	<b>WEB</b>

#### Smooth Cut

Stk.	Mfr.	Length	Price
<b>783762</b>	13147	8"	<b>WEB</b>
<b>783829</b>	13262	10"	<b>WEB</b>

### Long Angle Lathe File

**Nicholson** For rapid, free cutting of lathe filing. Single cut.

Stk.	Mfr.	Length	Price
<b>782221</b>	07657NN	10"	<b>WEB</b>

### Tungsten Point File

**Nicholson** For cleaning distributor points, spark plugs, contact points of magnetos, switches, electric bells, etc. Made w/chisel tip for entering gaps and slots. Single cut.

Stk.	Mfr.	Length	Price
<b>784231</b>	02373NN	5"	<b>WEB</b>

### Half Round Wood File

**Nicholson** Has coarse teeth for use on wood. Double cut.

Stk.	Mfr.	Length	Price
<b>312829</b>	17505N	10"	<b>WEB</b>

### Hand File

**Nicholson** This file has a single cut on 1 side for sharpening edged tools and smoothing metal surfaces. The other side has a double cut for rapid removal of metal.

Stk.	Mfr.	Length	Price
<b>784234</b>	06602NN	8"	<b>WEB</b>

### Magicut File

**Nicholson** For rapid removal of stock, leaves a smooth finish.

Stk.	Mfr.	Length	Price
<b>781380</b>	07894NN	8"	<b>WEB</b>
<b>781382</b>	07917NN	10"	<b>WEB</b>

### Cabinet Rasp

**Nicholson** Second cut cabinet rasps for cabinetmakers and woodworkers. The curved side of these rasps is similar to that of half round rasps but has a larger radius. Single cut on edges.

Stk.	Mfr.	Length	Price
<b>778451</b>	17615N	8"	<b>WEB</b>
<b>778454</b>	17683N	10"	<b>WEB</b>

### 4-in-Hand File (Shoe Rasp)

**Nicholson** A file section and rasp section on the flat side and a file section and rasp section on the half round side.

Stk.	Mfr.	Length	Price
<b>779960</b>	18924NNN	8"	<b>WEB</b>



### Wood Rasp

**Nicholson** Design and shape makes them particularly effective in the shaping of wood.

#### Flat

Stk.	Mfr.	Length	Price
<b>779943</b>	19136N	10"	<b>WEB</b>

#### Half Round Bastard

Stk.	Mfr.	Length	Price
<b>781216</b>	19394N	8"	<b>WEB</b>
<b>781283</b>	19427N	10"	<b>WEB</b>

#### Round Bastard

Stk.	Mfr.	Length	Price
<b>783117</b>	19875	10"	<b>WEB</b>



### 3-Square File

**Nicholson** Triangular with 60° angles, tapered to a point. Bastard cut.

Stk.	Mfr.	Length	Price
<b>784188</b>	16036NNN	8"	<b>WEB</b>



### 6-Piece Mini File Set

**Nicholson** Miniature files are fine cut for intricate work.

**Includes** vinyl case.

Stk.	Mfr.	Length	Price
<b>784235</b>	42030L	5-1/2"	<b>WEB</b>



### 12-Piece Round Handle Needle File Set

**Nicholson** Standard needle files, #0 cut.

**Includes** vinyl case.

Stk.	Mfr.	Length	Price
<b>785370</b>	37755	6-1/4"	<b>WEB</b>



### 12-Piece Swiss Pattern Needle File Set

**General** Swiss pattern needle file set. Precision designed, made of the finest tool steel, for intricate work. For die makers, instrument makers, jewelers, watchmakers and crafters. #2 cut.

**Includes** snap button plastic case.

Stk.	Mfr.	Length	Price
<b>418785</b>	S475	5-1/2"	<b>WEB</b>



### 8-Piece Machinist File Set

**Nicholson**

**Includes** rugged pouch, plus 10" mill bastard file, 10" half round bastard file, 10" flat bastard file, 10" square bastard file, 10" round bastard file, 10" flat smooth file, 10" file cleaner (card) and 7" slim taper file.

Stk.	Mfr.	Price
<b>312851</b>	22025NNN	<b>WEB</b>



### 9-Piece Maintenance File Set

**Nicholson**

**Includes** rugged pouch, plus 6" slim taper file, 8" four-in-hand file, 8" flat smooth file, 8" half round bastard file, 10" flat bastard file, 10" flat smooth file, 10" mill bastard file, 10" half round bastard file, 10" round bastard file.

Stk.	Mfr.	Price
<b>312852</b>	22030NNN	<b>WEB</b>



### General Purpose File Sets

**Nicholson**

**5-Piece Includes** rugged pouch, plus 10" mill bastard file, 8" mill bastard file, 8" mill smooth file, 10" half md. bstrd. file, 6" slim taper file.

Stk.	Mfr.	Price
<b>312854</b>	22040NNN	<b>WEB</b>

**6-Piece Includes** 8" 3 square bastard file, 10" square bastard file, 10" round bastard file, 10" half round bastard file, 10" flat bastard file and 10" bastard hand file.

Stk.	Mfr.	Price
<b>543840</b>	MWF-I	<b>WEB</b>



### 5-Piece File Set

**Stanley** Ideal for most sharpening and material removal needs. For filing flat, round and less than 90° angles. Interchangeable bi-material handle.

**Includes** 8" mill bastard file, 6" round file, 6" slim taper file, 8" 4-in-1 file and handle.

Stk.	Mfr.	Price
<b>851285</b>	22-314	<b>WEB</b>



### Universal File & Saw Handle

**Crescent** Handle holds files, reamers, hacksaw blades and other tools. A large knob enables you to quickly change tools and swap out files with ease. Adjustable steel jaws are clamped to the entire length of the tang so you'll have a powerful hold even in tough working environments.

Overall Length: 5". Material: Polypropylene.

Stk.	Mfr.	Price
<b>312860</b>	21474U	<b>WEB</b>



### Skroo-Zon® File Handles

**Lutz** Screw-on type handle of white birch with a heavy steel gauge ferrule. The file screws onto a hardened steel insert inside the handle that cuts a thread on the file tang.

Stk.	Mfr.	Type	Length	Dia.	Price
<b>511275</b>	24	T4 (6" files)	4"	1-1/8"	<b>WEB</b>
<b>511276</b>	25	T5 (8" files)	4-1/2"	1-1/4"	<b>WEB</b>
<b>511277</b>	26	T6 (10" files)	4-1/2"	1-1/4"	<b>WEB</b>
<b>511278</b>	27	T7 (12" files)	5"	1-3/8"	<b>WEB</b>





### Short Ferrule File Handle

**Lutz** Hardwood handle with nickel-plated steel ferrule.

Stk.	Mfr.	Type	Length	Dia.	Bore	Depth	Price
<b>511134</b>	03	03 (6" - 8" files)	4-1/4"	1-3/64"	7/32"	2"	<b>WEB</b>
<b>511201</b>	04	04 (8" - 10" files)	4-3/4"	1-1/8"	9/32"	2-1/4"	<b>WEB</b>
<b>511202</b>	05	05 (10" - 14" files)	5"	1-1/4"	3/8"	2-1/2"	<b>WEB</b>



### Metal Ferruled Wooden File Handle

**Nicholson** Seasoned white birch handle with shellac finish and metal ferrule.

Stk.	Mfr.	Type	Length	Price
<b>785575</b>	21476N	0	5-1/4"	<b>WEB</b>
<b>785580</b>	21485N	1	4-7/8"	<b>WEB</b>
<b>785585</b>	21494N	2	4-1/2"	<b>WEB</b>



### No. 20 File Card & Brush

**Lutz** General cleaning file card with brush for finer cut files, drill bits and saws.

Stk.	Mfr.	Price
<b>511268</b>	20	<b>WEB</b>



### No. 10 File Cleaner

**Lutz** Sharp steel bristles dig and quickly remove filings from file grooves. For machinists, mechanics, etc. for cutting, cleaning and roughing.

Stk.	Mfr.	Price
<b>511002</b>	10	<b>WEB</b>



### File & Rasp Cleaner

**Nicholson** General cleaning file card.

Stk.	Mfr.	Price
<b>312850</b>	21458	<b>WEB</b>



### File Card & Brush

**Nicholson** General cleaning file card and brush for finer cut files.

Stk.	Mfr.	Price
<b>312855</b>	21467	<b>WEB</b>

## SHAVERS & SURFORM TOOLS



### Spoke Shave

**Stanley** Spoke shave with adjustable cutter.

Stk.	Mfr.	Length	Width	Price
<b>846092</b>	12-951	10"	2-1/8"	<b>WEB</b>



### Surform Shaver

**Stanley** One-handed tool works on a pull stroke, giving close positive control and will not "chatter". One-piece molded handle.

**Includes** 2 regular clip-on type cutting blades.

Stk.	Mfr.	Length	Width	Price
<b>850620</b>	21-115	7-1/4"	1-5/8"	<b>WEB</b>

### Regular Cut Replacement Blade

Stk.	Mfr.	Length	Width	Price
<b>851270</b>	21-515	2-1/2"	1-5/8"	<b>WEB</b>



### Surform Pocket Plane

**Stanley** A speed cutting and trimming tool. Die-cast zinc alloy body.

**Includes** fine cut flat blade.

Stk.	Mfr.	Length	Width	Price
<b>851251</b>	21-399	5-1/2"	1-5/8"	<b>WEB</b>

### Fine Cut Replacement Blade

Stk.	Mfr.	Length	Width	Price
<b>851184</b>	21-398	5-1/2"	1-5/8"	<b>WEB</b>



### Surform Round File

**Stanley** Fast for enlarging holes, forming and shaping decorative cuts, etc. Yellow molded handle.

**Includes** regular cut round hardened steel blade.

Stk.	Mfr.	Length	Width	Price
<b>850983</b>	21-297	14-1/4"	5/8" dia.	<b>WEB</b>

### Regular Cut Replacement Blade

Stk.	Mfr.	Length	Width	Price
<b>850715</b>	21-291	10"	5/8" dia.	<b>WEB</b>



### Surform File

**Stanley** Metal alloy body with yellow molded handle. High-impact polymer handle holds up to heavy use.

**Includes** regular cut flat blade.

Stk.	Mfr.	Item	Length	Width	Price
<b>850849</b>	21-295	Flat, Regular Cut	17-3/8"	1-5/8"	<b>WEB</b>



### Surform Plane

**Stanley** Metal alloy body with yellow molded handle.

**Includes** regular cut flat blade.

Stk.	Mfr.	Item	Length	Width	Price
<b>850916</b>	21-296	Plane, Regular Cut	12-1/2"	1-5/8"	<b>WEB</b>

### Surform Replacement Blades

**Stanley** Fits Mfr.'s 21-295, 21-296.

Stk.	Mfr.	Item	Length	Width	Price
<b>850782</b>	21-293	Flat, Standard Cut	10"	1-5/8"	<b>WEB</b>
<b>851050</b>	21-299	Half Round, Regular Cut	10"	1-1/2"	<b>WEB</b>

## SAWS



### General Purpose Hacksaw Frame

**Nicholson** Instantly adjusts for 10" or 12" blades and 90° for vertical or horizontal cuts.

Handle has 2 locating pegs for either vertical or horizontal flush cutting.

**Includes** 10" high-carbon steel blade.

Stk.	Mfr.	Blade	Price
<b>314687</b>	80951	10" or 12"L	<b>WEB</b>



### Light-duty Hacksaw

**Lenox** Lightweight aluminum beam achieves tension up to 12,000 PSI. Tensioning mechanism keeps parts in place when changing the blade. Ergonomic handle enables a confident grip. Mount blade at 45° for flush cutting applications.

**Includes** 24 TPI blade.

Stk.	Mfr.	Blade	Price
<b>453050</b>	1884466	12"L	<b>WEB</b>



### 5-in-1 Hacksaw Frame

**DEWALT** Allows 45° & 90° blade angles for standard and flush cuts. Low-profile, high-tension frame secures blade up to 330 lbs. Front handle becomes a jab saw for long reach or cutting in tight spaces. Ergo comfort grip.

**Includes** 2 blades (6" reciprocating & 12" hacksaw).

Stk.	Mfr.	Blade	Price
<b>243410</b>	DWHT20547	6" or 12"L	<b>WEB</b>



### High-tension Low-profile Hacksaw Frame

**Stanley** High-tension, low-profile hacksaw allows cutting in tight, hard-to-reach areas.

**Includes** 12" high-carbon steel blade.

Stk.	Mfr.	Blade	Price
<b>850591</b>	20-001K	12"L	<b>WEB</b>



### High-tension Hacksaw Frame

**Nicholson** Solid front end for firm grip, handy blade storage in frame, 3-position blade mount, flush cutting capability, permanently-mounted pins and closed grip for finger protection with enough room for work gloves.

**Includes** 12" molybdenum alloy steel edge, high-carbon steel backing blade.

Stk.	Mfr.	Blade	Price
<b>307335</b>	80965	12"L	<b>WEB</b>



### Rubber Grip Hacksaw

**Stanley** The full grip, bi-material handle is comfortable and protects knuckles. All-metal compact frame, 225 lbs. of blade tension and large tensioning knob. Can cut at 90° and 180° angles.

**Includes** 12" x 24T carbon steel blade.

Stk.	Mfr.	Blade	Price
<b>864530</b>	STHT20139L	12"	<b>WEB</b>



### Contractor Grade High-tension Hacksaw Frame

**Stanley** Rugged design for heavy-duty use. Fully-adjustable tension holds blade at up to 32,000 psi to provide longer blade life and fast, accurate

cuts. Blade storage in frame. Quick-release blade changing mechanism in handle maintains tension setting. Tension guide on handle lever. Blade extended out nose of frame can be locked into place for tight corners work.

**Includes** 12" bi-metal blade.

Stk.	Mfr.	Blade	Price
<b>846908</b>	15-113	12"L	<b>WEB</b>



### Contractor Grade Mini Hack Utility Hacksaw Frame

**Stanley** Cuts metal in hard-to-reach spots. Durable cast aluminum construction.

**Includes** 10" high-performance bi-metal blade, 24 tooth.

Stk.	Mfr.	Blade	Price
<b>847800</b>	15-809	10"L	<b>WEB</b>



### Multi-purpose Saw

**DEWALT** Cuts metal and wood in hard-to-reach spots. Works with most reciprocating and hacksaw blades. Quick, easy blade changes

**Includes** two 8 tpi blades (6" reciprocating & 12" hacksaw).

Stk.	Mfr.	Blade	Price
<b>243414</b>	DWHT20542	6" or 12"L	<b>WEB</b>



### T2™ Hacksaw Blade

**Lenox** Shatter-resistant bi-metal construction allows blade to bend and flex without breaking. Cuts through black pipe, Unistrut®, copper pipe, hardened steel, threaded rod and rebar.

Stk.	Mfr.	Length	Width	TPI	Qty.	Price
<b>453100</b>	20150S018HE	10"	1/2"	18	1	<b>WEB</b>
<b>453101</b>	20151S024HE	10"	1/2"	24	1	<b>WEB</b>
<b>453102</b>	20152S032HE	10"	1/2"	32	1	<b>WEB</b>
<b>453105</b>	20154S218HE	12"	1/2"	18	1	<b>WEB</b>
<b>453106</b>	20155S224HE	12"	1/2"	24	1	<b>WEB</b>
<b>453107</b>	20156S232HE	12"	1/2"	32	1	<b>WEB</b>



### Carbon Steel Hacksaw Blade

**Stanley** High carbon steel blades cut mild steel, cast-iron, aluminum and copper.

Stk.	Mfr.	Length	Width	Thick.	TPI	Qty.	Price
<b>847810</b>	15-902A	10"	1/2"	.025"	32	2	<b>WEB</b>
<b>847811</b>	15-904A	10"	1/2"	.025"	24	2	<b>WEB</b>
<b>847812</b>	15-908A	10"	1/2"	.025"	18	2	<b>WEB</b>
<b>847813</b>	15-922A	12"	1/2"	.025"	32	2	<b>WEB</b>
<b>847814</b>	15-924A	12"	1/2"	.025"	24	2	<b>WEB</b>
<b>847815</b>	15-928A	12"	1/2"	.025"	18	2	<b>WEB</b>



### Bi-Metal Hacksaw Blade 3-Pack

**DEWALT** This 3-pack set of hacksaw blades are made of bi-metal material that is 0.028" thick. Ideal for cutting metal, each blade is 1/2" wide and 12" long and comes with 18, 24 or 32 teeth per inch.

Stk.	Mfr.	Length	TPI	Qty.	Price
<b>243435</b>	DWHT20558	12"	18, 24, 32	3	<b>WEB</b>



### Bow Saw

**Great Neck** Tubular steel frame with action-blade tightener release. Chrome-alloy, extra-hard steel bow saw blades.

**Includes** chrome-alloy blade.

Stk.	Mfr.	Blade	Price
<b>281161</b>	BB21	21"L	<b>WEB</b>



### Coping Saw

**Stanley** Coping saws with blades of high-carbon steel, hardened and tempered. Walnut stained hardwood handles.

Stk.	Mfr.	Blade	Throat	Price
<b>846892</b>	15-104	6-1/2"L	4-3/4"	<b>WEB</b>
<b>846896</b>	15-106	6-1/2"L	6-1/2"	<b>WEB</b>



### 4-1/2" Coping Saw

**Nicholson** Coping saws with spring steel rounded edge frames and adjustable angle blade. Wood handle.

Stk.	Mfr.	Blade	Throat	Price
<b>308660</b>	80170	6-1/2"L	4-1/2"	<b>WEB</b>



### 6" Coping Saw

**Great Neck** Coping saw with hardwood handle.

Stk.	Mfr.	Blade	Throat	Price
<b>281151</b>	28	6-1/2"L	6"	<b>WEB</b>

### Coping Saw Blades

**Olson** For precise sawing of wood, plastic, copper and other soft metals. Made from the finest hardened and tempered spring or high-carbon steel with precision punched or milled teeth for accurate sawing, smooth finishes and longer life.

#### Fine

Stk.	Mfr.	Length	TPI	Qty.	Price
<b>613761</b>	30300	6-1/2"	20	4	<b>WEB</b>
<b>613752</b>	CP303DZ	6-1/2"	20	12	<b>WEB</b>

#### Medium

Stk.	Mfr.	Length	TPI	Qty.	Price
<b>613762</b>	30400	6-1/2"	15	4	<b>WEB</b>
<b>613753</b>	CP304DZ	6-1/2"	15	12	<b>WEB</b>
<b>613865</b>	CP304GR	6-1/2"	15	144	<b>WEB</b>

#### Coarse

Stk.	Mfr.	Length	TPI	Qty.	Price
<b>613763</b>	30600	6-1/2"	10	4	<b>WEB</b>
<b>613754</b>	CP306DZ	6-1/2"	10	12	<b>WEB</b>
<b>613866</b>	CP306GR	6-1/2"	10	144	<b>WEB</b>

#### Metal-cutting

Stk.	Mfr.	Length	TPI	Qty.	Price
<b>613764</b>	30700	6-1/2"	32	4	<b>WEB</b>
<b>613768</b>	CP307DZ	6-1/2"	32	12	<b>WEB</b>



### Jeweler's Saw Frames

**Olson** Perfect for close and accurate sawing, these traditional style jeweler's saws feature blade-tensioning end-screw and frame adjustment. Saw holds plain-end blades (sold separately).

Stk.	Mfr.	Blade	Throat	Price
<b>613815</b>	SF63523	2-1/2" to 6"L	3"	<b>WEB</b>
<b>613816</b>	SF63525	2-1/2" to 6"L	5"	<b>WEB</b>

### Jeweler's Saw Blades

**Olson** Hardened and tempered steel blades for sawing metal and other hardened materials. Blades have regular teeth. Use with hand-held frames only.

Stk.	Mfr.	Length	Width	Thick.	TPI	Qty.	Price
<b>613790</b>	47500	5"	.019"	.0095"	61	12	<b>WEB</b>
<b>613792</b>	47900	5"	.024"	.012"	48	12	<b>WEB</b>
<b>613794</b>	48100	5"	.030"	.014"	41	12	<b>WEB</b>



### Cushion Grip Contractor Grade Wallboard Saw

**Stanley** This fully hardened, tempered blade is strong and durable with teeth designed to cut fast and won't clog. Sharp tip allows plunge cuts. Ergonomic, curved handle is cushioned for comfort and extended use.

Stk.	Mfr.	Blade	Price
<b>847355</b>	15-556	6"	<b>WEB</b>

### Wallboard Saw



**Stanley** Designed for plasterboard. Self-starting. Sharpened point for plunge cuts.

Stk.	Mfr.	Blade	Price
<b>847200</b>	15-206	6"	<b>WEB</b>



### Jab Saw

**DEWALT**

Aggressive tooth design cuts 50% faster than comparable saws. Induction-hardened teeth stay sharp longer. For cutting drywall, plastic and other building materials.

Stk.	Mfr.	Blade	Price
<b>243413</b>	DWHT20540	6"	<b>WEB</b>



### FatMax® Jab Saw

**Stanley**

Cuts 50% faster than traditional saws. Cuts on both push and pull strokes, tip punches through drywall. Hardened and tempered blade for durability - stays sharp 3-5x longer. Ergonomic non-slip grip handle.

Stk.	Mfr.	Blade	Price
<b>850610</b>	20-556	6-1/4"	<b>WEB</b>



### FatMax® Compass Saw

**Stanley**

Use for fine finish, plywood and hardwoods. Precise cutting for dovetails, miters and tenons. Heavy-duty screws secure blade to durable, 1-piece bi-material contoured handle.

Stk.	Mfr.	Blade	TPI	Price
<b>849230</b>	17-205	12"	11	<b>WEB</b>



### Predator® Compass & Keyhole Saw

**Nicholson**

Hardened and tempered polished steel blade with precision set and hardened teeth for long, exceptional life. Ground tooth edge. Standard HP tooth.

Stk.	Mfr.	Blade	TPI	Price
<b>314000</b>	NSP9	12"	8	<b>WEB</b>



### SharpTooth™ Heavy-duty Handsaws

**Stanley**

Ground-tooth design utilizes 3 cutting surfaces for 50% faster cuts. Induction hardened teeth stay sharper, longer. Hardwood handle with large opening for comfort when wearing gloves. Ideal for cutting plastic, PVC and ABS piping.

Stk.	Mfr.	Blade	TPI	Price
<b>847170</b>	15-087	20"	9	<b>WEB</b>
<b>850605</b>	20-065	26"	12	<b>WEB</b>



### ToughCoat™ Handsaw

**DEWALT**

ToughCoat™ low-friction, long-lasting coating for less drag. Induction-hardened teeth provide 3 cutting surfaces for 50% faster cuts than traditional saws.

Stk.	Mfr.	Blade	TPI	Price
<b>243416</b>	DWHT20544L	15"	8	<b>WEB</b>
<b>243415</b>	DWHT20545L	20"	8	<b>WEB</b>



### ProTouch™ Fine Cut Handsaw

**Irwin**

M2™ tooth geometry and Tri-Ground™ teeth provide fast, efficient cutting. Deep Gullets™ for rapid removal of chips and the Thick-Body™ blade delivers rigidity and control. ProTouch™ handle is comfortable and the Tapered-Pitch™ nose improves clearance.

Stk.	Mfr.	Blade	TPI	Price
<b>619213</b>	2011202	24"	12	<b>WEB</b>



### Professional SharpTooth™ Handsaws

**Stanley** Aggressive tooth design cuts 50% faster than conventional saws. Ideal for cutting plastic, PVC and ABS piping. Resharpenable teeth. Extra-wide select hardwood handle for comfort and control.

Stk.	Mfr.	Blade	TPI	Price
<b>847234</b>	15-334	15"	9	<b>WEB</b>



### SharpTooth™ Mini Utility Saw

**Stanley** Multi-purpose saw cuts plastic pipe, laminate and all wood types. Ergonomic hardwood handle, induction-hardened teeth. Aggressive 3-sided tooth design for faster cuts.

Stk.	Mfr.	Blade	TPI	Price
<b>850608</b>	20-221	10"	12	<b>WEB</b>



### FatMax® Handsaw

**Stanley** 20% thicker blade for straighter cuts and reduced binding. This saw cuts 50% faster and its induction-hardened teeth stay sharp 3-5 times longer than conventional saws. 65% thicker handle for ultimate grip and comfort. Ergonomic non-slip, rubber handle grip for extended use. Ideal for cutting all types of wood and plastic.

Stk.	Mfr.	Blade	TPI	Price
<b>850600</b>	20-045	15"	9	<b>WEB</b>



### ProTouch™ Coarse Cut Saw

**Irwin** The M2™ Tooth Technology advanced tooth geometry and Tri-Ground™ teeth provide a fast, efficient cut. Deep Gullets™ provide rapid removal of chips, Thick-Body™ Blade, Ergonomic ProTouch™ handle and Tapered-Pitch™ nose.

Stk.	Mfr.	Blade	TPI	Price
<b>619216</b>	2011204	15"	9	<b>WEB</b>



### FatMax® Backsaw

**Stanley** Use for fine finish, plywood and hardwoods. Precise cutting for dovetails, miters and tenons. Heavy-duty screws secure blade to durable, 1-piece bi-material contoured handle.

Stk.	Mfr.	Blade	TPI	Price
<b>849228</b>	17-202	14"	13	<b>WEB</b>



### Miter Backsaw

**Great Neck** Made of spring steel with reinforced back and hardwood handle. Ground tooth with beveled edge.

Stk.	Mfr.	Blade	TPI	Price
<b>281162</b>	MM14	14"	12	<b>WEB</b>



### Plastic Handle Backsaw

**Great Neck** Spring steel blade saw with high impact ABS handle. 3" depth under reinforced back.

Stk.	Mfr.	Blade	TPI	Price
<b>281167</b>	PM14	14"	12	<b>WEB</b>



### ProTouch™ Dovetail/ Jamb Saw

**Irwin** 2" Wide-Body™, reversible Flush-Cut™ blade. Spring-loaded pin enables blade to reverse for left or right cutting. Ergonomic ProTouch™ handle.

Stk.	Mfr.	Blade	TPI	Price
<b>619205</b>	2014450	10"	14	<b>WEB</b>



### Flexible Blade Razor Saw

**Zona** Slice through dowels, pegs and plugs that are cut off flush without marring work surface. Flexible blade saw teeth have no set. Cuts on the pull stroke and can be used for cutting through tenons and excess trim in joinery and in hard-to-reach spots.

Stk.	Mfr.	Blade	TPI	Price
<b>613845</b>	35-400	6-1/2"	16	<b>WEB</b>



### Ultra Thin Razor Saws

**Zona** Ultra-thin blade for super fine cuts in wood, soft metals and plastic without splitting or ragged edges. Shorter cutting depth and steel back for blade stability.

Stk.	Mfr.	Blade	TPI	Thickness	Price
<b>613841</b>	35-150	4-1/2"	42	.008"	<b>WEB</b>
<b>613839</b>	35-050	4-1/2"	52	.008"	<b>WEB</b>



### 4-in-1 Razor Saw Set

**Zona** Four interchangeable blade set is great for modelers and craft makers for fine cutting of soft and hard wood, soft metals, plastics, brass and copper without splitting or ragged edges. Saws have shorter cutting depth plus steel backs for greater blade stability.

Razor Saw 5-1/2" blade, 32 TPI, .010"  
Razor Saw 4-1/2" blade, 52 TPI, .008"  
Saber Saw 4-1/2" blade, 24 TPI, .022"  
Keyhole (push) 2-1/4" blade, 24 TPI, .022"

Stk.	Mfr.	Price
<b>613840</b>	35-140	<b>WEB</b>



### Double Edge Pull Saw

**Irwin** Double-edge blade offers both fine 7 TPI and extra fine 17 TPI cut teeth for convenient precision cutting. Pro-Touch grip, flexible micro-thin blade.

Stk.	Mfr.	Blade	TPI	Price
<b>619214</b>	2011330	9-1/2"	7 & 17	<b>WEB</b>



### Razor Saw & Aluminum Miter Box Set

**Zona** Great for model and miniature making. Use for smooth, extra-fine cuts in balsa and other wood, plastic, copper or brass.

Stk.	Mfr.	Item	Price
<b>613842</b>	35-550	Saw 6-1/2"L x .010"T, 42TPI	<b>WEB</b>
<b>613846</b>	37-240	Miter Box	<b>WEB</b>
<b>613843</b>	35-241	Saw & Miter Box	<b>WEB</b>



### Hobby Tool Kit

**Zona** Kit includes mini miter box and ultra-thin kerf 32 TPI razor saw for cutting square ends, perfect splices and mitered corners in materials 1/4"T or less. Also comes with swivel head pin vise, curved point tweezers, retractable knife with 6 hobby blades and 3" x 4" L-square.

Stk.	Mfr.	Price
<b>613869</b>	38-700	<b>WEB</b>





### Miter Box and Saw

**Great Neck** Economy miter saw with plastic handle. Spring steel back saw with 3" depth under reinforced back. 12" miter box with ruler edge and rubber grip anti-slip handle.

Stk.	Mfr.	Blade	TPI	Price
<b>281031</b>	BSB14	14"	12	<b>WEB</b>



### Plastic Miter Box

**Great Neck** Provides 45°, 90°, and 135° cutting angles to ensure an accurate cut. Made of high quality materials for rigidity.

Stk.	Mfr.	Size	Price
<b>281170</b>	PMB12	12"	<b>WEB</b>



### Contractor Grade Clamping Miter Box

**Stanley** Simple angle adjustment allows cuts from any angle in all applications. Quick, simple cam clamp secures work. Ergonomic non-slip grip provides maximum comfort.

Stk.	Mfr.	Item	TPI	Price
<b>850615</b>	20-800			<b>WEB</b>
<b>850616</b>	20-809	Replacement Blade	14	<b>WEB</b>

## CUTTING TOOLS & KNIVES



### Box Cutter

**Canary** Multipurpose box cutter with double-edge, fully-retractable, stainless steel, fine sawtooth blade. Non-stick coating prevents tapes and adhesives from sticking. Rounded chisel edged tip for peeling-off labels, scoring or making shallow cuts and prevents damage to inner contents. ABS plastic handle.

Stk.	Mfr.	Blade	Price
<b>291900</b>	DC-15F-I	1"L	<b>WEB</b>
<b>291902</b>	DC-30F-I	3"L	<b>WEB</b>



### Box Cutter PS2

**Canary** Stainless steel non-stick coated, fine sawtooth edge prevents the 1" blade from snagging. Spring mechanism retracts blade automatically. Double-edge for cutting upwards or downwards. Ideal for cardboard, peeling-off labels, scoring or making shallow cuts. 5.5"L fully-extended.

Stk.	Mfr.	Blade	Price
<b>291903</b>	DC-20F-I	1"	<b>WEB</b>



### Box Cutter Replacement Blades

**Canary** Stainless steel replacement blade with non-stick coating. For Canary Box Cutters DC-15F-I, DC-15F-BP, DC-20F-I.

Stk.	Mfr.	Blade	Qty.	Price
<b>291904</b>	DC-15-BF2	1"	2	<b>WEB</b>



### Box Cutter Pro

**Canary** Multipurpose box cutter with double edge fully-retractable and adjustable stainless steel sawtooth blade. Easy Lock allows adjusting with one hand. Non-stick coating prevents tapes and adhesives from sticking. ABS plastic handle. Fine sawtooth edge prevents blade from getting caught. Rounded chisel edged tip for peeling-off labels, scoring or making shallow cuts and prevents damage to inner contents.

Stk.	Mfr.	Blade	Price
<b>291901</b>	DC-25F-I	3"L	<b>WEB</b>



### Box Cutter Pro Replacement Blades

**Canary** Stainless steel replacement blade with non-stick coating. For Canary Box Cutters DC-25F-I, DC-25F-BP, DC-30F-I, DC-30F-BP.

Stk.	Mfr.	Blade	Qty.	Price
<b>291905</b>	DC-25-BF2	3"	2	<b>WEB</b>



### Box Cutter with Anti-Slip Handle

**Canary** Rounded chisel-edged tip is ideal for peeling labels, making shallow cuts, or for scoring cardboard. Fine sawtooth edge prevents blade from getting caught, anti-slip handle with cross-guard for secure grip and safer handling.

Stk.	Mfr.	Blade	Price
<b>291906</b>	DC-190F-I	3"	<b>WEB</b>



### Fixed Blade Utility Knife

**Stanley** Lightweight, fixed-back aluminum handle is in 2 sections and provides blade storage.

**Includes** 3 regular-duty blades.

Stk.	Mfr.	Handle	Price
<b>845154</b>	10-299	5-1/2"L	<b>WEB</b>



### Folding Utility Knife

**Irwin** Unique knife features a pivot point for safely folding the blade into the handle, quick-change button, extended thumb ledge, wire stripper notch and anchored belt clip.

**Includes** bi-metal blade.

Stk.	Mfr.	Handle	Price
<b>619486</b>	2089100	3-1/2"L	<b>WEB</b>



### No. 82 Retractable Utility Knives

**Lutz** Highly-visible, industrial-quality utility knives house specially built die-cast zinc retractor for smoother operation in all 3 cutting positions. Nose overlap on top and bottom for safety. Safe, reliable, comfortable grip. In-handle blade storage.

**Includes** 3 heavy-duty .025 blades.

Stk.	Mfr.	Handle	Color	Price
<b>511301</b>	30082	6"L	Black	<b>WEB</b>
<b>511302</b>	30182	6"L	Orange	<b>WEB</b>
<b>511315</b>	30282	6"L	Yellow	<b>WEB</b>
<b>511317</b>	30482	6"L	Green	<b>WEB</b>
<b>511319</b>	30582	6"L	Red	<b>WEB</b>
<b>511321</b>	30682	6"L	Blue	<b>WEB</b>



### Classic 99® Retractable Utility Knife

**Stanley** Button projects and retracts blade to full, 1/2 and 1/4 out. Lightweight aluminum handle is in 2 sections and provides blade storage.

**Includes** 3 heavy-duty blades.

Stk.	Mfr.	Handle	Price
<b>845020</b>	10-099	6"L	<b>WEB</b>



### Zinc Pro Retractable Utility Knife

**Master Mechanic** Heavy-duty knife accepts all utility blades. Zinc body with blade storage. Overlap protective nose. 3 blade positions. Cuts drywall, fiberglass, wood, plastic, cardboard.

**Includes** 2 blades.

Stk.	Mfr.	Handle	Price
<b>943156</b>	704496	6"L	<b>WEB</b>



### Interlock® Retractable Utility Knife

**Stanley** Secures retractable blades between knife halves. Blade-storage handle.

**Includes** 3 heavy-duty blades.

Stk.	Mfr.	Handle	Price
<b>845010</b>	10-079	5-5/8"L	<b>WEB</b>



### Self-retracting Utility Knife

**Stanley** Spring-loaded blade, retracting slide button. Safety orange case. Round point blade reduces accidental cuts and damage. Interlock nose secures blade safely between knife halves. 2 cutting depth adjustments. Contoured, no-slip handle.

**Includes** round point blade.

Stk.	Mfr.	Handle	Price
<b>845075</b>	10-189C	5-5/8"L	<b>WEB</b>



### 357 Quick Change Heavy-duty Utility Knife

**Lutz** No tools needed to change blades. Case is made of tough zinc die-cast.

**Includes** 3 blades & holster.

Stk.	Mfr.	Handle	Color	Price
<b>511325</b>	35701	7"L	Yellow	<b>WEB</b>



### Kurve® Retractable Utility Knife

**Klein** Heavy-duty construction with a wire-stripping notch. Rubber grips on handle for improved control and comfort. Internal blade storage holds 6 blades.

**Includes** 6 blades.

Stk.	Mfr.	Handle	Price
<b>945325</b>	44133	6-7/8"L	<b>WEB</b>



### Instant Change™ Knife

**Stanley** Strong, durable cast metal core with bi-material soft panels for a sure grip. Tool-free, push-button blade changes. Curved handle for comfort, control and balance with padded thumb rest. Easy-access, swing-out blade storage. Integrated string cutter and retractable slide. Large hang hole.

**Includes** 3 blades.

Stk.	Mfr.	Handle	Price
<b>845170</b>	10-788	6-1/2"L	<b>WEB</b>



### Folding Retractable Knife

**DEWALT** Rugged metal knife folds for quick and easy 1-hand open/close. Variable-cut-depth retracting blade. Rapid-load access button speeds blade changes from on-board storage.

**Includes** 3 blades.

Stk.	Mfr.	Handle	Price
<b>243407</b>	DWHT10035L	6-3/8"L	<b>WEB</b>



### ProTouch™ Retractable Utility Knife

**Irwin** Quick change blade mechanism. Trigger grip for cutting on the pull. Hinged blade storage for up to 10 blades.

**Includes** 3 Blue Blade™ bi-metal blades.

Stk.	Mfr.	Handle	Price
<b>619529</b>	1774106	6-3/4"L	<b>WEB</b>



### Retractable Carton Cutter

**Master Mechanic** Box cutter accepts all single-edge blades. All metal design.

**Includes** 5 single-edge blades.

Stk.	Mfr.	Handle	Price
<b>943357</b>	704694	4"	<b>WEB</b>



### SpeedFeed™ Heavy-Duty Snap-off Knife

**Great Neck** For cutting tile, rope, cardboard, linoleum, wire, tape, plastics, nylon and more.

End of blade snaps off easily to provide a new cutting edge each time. Rubberized ergonomic grip.

**Includes** 6 heavy-duty snap-off blades (5 stored in the handle).

Stk.	Mfr.	Item	Handle	Qty.	Price
<b>281250</b>	80026	Knife	6-1/2"L		<b>WEB</b>
<b>281156</b>	5BLBK	Replacement Blades		5	<b>WEB</b>



### K10 Snap-Off Knife

**Excel** Ensure light-duty classroom tasks and projects are handled with ease by using this economical knife. When the blade gets dull, simply snap off the tip to reveal a new sharp blade!

**Includes** snap-off blade.

Stk.	Mfr.	Length	Price
<b>391409</b>	16010	5" handle	<b>WEB</b>



### K10 Snap-Off Blades

**Excel** Snap-off blades make every light-duty classroom task and project easier. When the blade gets dull, simply snap off the tip and you have a new sharp blade! With 13 snap-off points, you'll have a fresh blade ready to go at all times! Blades are coated with a thin layer of oil to provide rust protection.

**Includes** five 13-point blades.

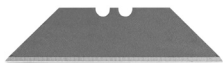
Stk.	Mfr.	Qty.	Price
<b>391491</b>	20003	5	<b>WEB</b>



### Heavy-duty Utility Knife Blades

**DEWALT** Precision-ground geometry & induction-hardening gives a 35% sharper, 75% longer cutting edge. Heat-treated blades are 20% stronger. Fits all .025 knives & window scrapers.

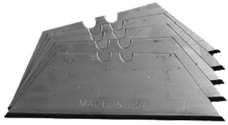
Stk.	Mfr.	Qty.	Price
<b>243408</b>	DWHT11004	75	<b>WEB</b>



### Heavy-duty Utility Knife & Scraper Blades

**Master Mechanic** Fits all .025 Retractable Utility Knives and Window Blade Scrapers.

Stk.	Mfr.	Qty.	Price
<a href="#">942848</a>	704512	5	<b>WEB</b>
<a href="#">942850</a>	704583	100	<b>WEB</b>



### Utility Knife & Scraper Blades

**Lutz** Heavy-duty .025 gauge blade.

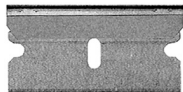
Stk.	Mfr.	Qty.	Price
<a href="#">511312</a>	30092	5	<b>WEB</b>



### Bi-Metal Utility Knife Blades

**Irwin** Strong Blue Blade edges stay sharper 3x longer than carbon blades.

Stk.	Mfr.	Qty.	Price
<a href="#">619531</a>	2084100	5	<b>WEB</b>
<a href="#">619532</a>	2084400	100 w/Dispenser	<b>WEB</b>



### Single Edge Razor Blades

**Master Mechanic** Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

Stk.	Mfr.	Qty.	Price
<a href="#">943279</a>	741330	10	<b>WEB</b>
<a href="#">942846</a>	521013	100	<b>WEB</b>



### Glass Cutter

**General** Cut straight and curved edges in glass. Steel wheel with honed angle of 120° for cutting single and double strength glass. Cuts plate glass from 1/8" to 1/4" thick. Ball end handle for snapping of scored glass. Tooth design to remove rough edges.

Stk.	Mfr.	Length	Price
<a href="#">419820</a>	8501	5"	<b>WEB</b>



### Acrylic Cutter

**Fletcher-Terry** Double-edged cutter with 2 tips for normal or extra-pressure scoring of acrylics. Plastic handle.

Stk.	Mfr.	Length	Price
<a href="#">943250</a>	05-111C	9-1/2"	<b>WEB</b>



### Sloyd Knife

**CS Osborne** For wood carving and general purpose work. Knife has extra sharp high-carbon steel blade with hardwood handle.

Stk.	Mfr.	Blade	Price
<a href="#">614220</a>	6	2-3/4"	<b>WEB</b>

## SCRAPERS & PUTTY KNIVES



### Utility & Window Blade Scraper

**Stanley** Quickly and easily scrape paint from windows, mirrors, tiles, and other flat surfaces with this uniquely designed polypropylene molded scraper.

**Includes** 1 blade.

Stk.	Mfr.	Length	Price
<a href="#">851900</a>	28-593	7"	<b>WEB</b>



### Razor Blade Paint Scraper

**Stanley** Remove paint, glue, putty or adhesives from glass, tile, walls, floors and more. Blade retracts for easy storage. Accepts standard single edge razor blades.

**Includes** 5 blades.

Stk.	Mfr.	Length	Price
<a href="#">851870</a>	28-500	4"	<b>WEB</b>



### Glass Scraper

**Master Painter** Steel safety glass scraper with retractable blade for light-duty scraping jobs.

**Includes** 5 blades.

Stk.	Mfr.	Price
<a href="#">943162</a>	GS	<b>WEB</b>



### Plastic Handle Putty Knife

**Master Painter** High carbon, blade is lacquered to prevent rust and extends through handle. Sturdy solvent resistant handle.

Stk.	Mfr.	Blade	Price
<a href="#">943391</a>	4823TV	1-1/2"W Stiff	<b>WEB</b>
<a href="#">943392</a>	4824TV	1-1/2"W Flexible	<b>WEB</b>



### Chisel Putty Knife

**Hyde** Heavy-duty stiff blade for scraping paint and removing putty in tight areas. High carbon steel blade with chisel edge and durable nylon handle. Full-tang blade.

Stk.	Mfr.	Blade	Price
<a href="#">482272</a>	02200	1-5/16"W Stiff	<b>WEB</b>



### Wood Handle Putty Knives

**Stanley** Steel blade is hardened, tempered and polished. Full tang blade permanently fastened to hardwood handle.

Stk.	Mfr.	Blade	Price
<a href="#">851880</a>	28-540	1-1/4"W Flexible	<b>WEB</b>
<a href="#">851881</a>	28-541	1-1/4"W Stiff	<b>WEB</b>
<a href="#">851883</a>	28-543	3"W Stiff	<b>WEB</b>



### Nylon Handle Steel Blade Putty Knives

**Stanley** Steel blade hardened, tempered and polished. Full tang blade permanently fastened to shatter-proof handle. Available with stiff blade or full flexible taper ground blade.

Stk.	Mfr.	Blade	Price
<a href="#">851519</a>	28-140	1-1/4"W Stiff	<b>WEB</b>
<a href="#">851586</a>	28-240	1-1/4"W Flexible	<b>WEB</b>



### Nylon Handle Putty Knife

**Master Painter** Black nylon, solvent resistant handle designed for maximum safety and dependability. High carbon, precision steel blade is lacquered to prevent rust and extends through handle. Brass plated, solid steel nail setting head.

Stk.	Mfr.	Blade	Price
<b>943393</b>	4201TV	1-1/4"W Stiff	<b>WEB</b>
<b>943394</b>	4202TV	1-1/4"W Flexible	<b>WEB</b>
<b>943395</b>	4209TV	3"W Stiff	<b>WEB</b>
<b>943396</b>	4210TV	3"W Flexible	<b>WEB</b>



### Plastic Blade Putty Knives

**Linzer** White plastic putty knife with beveled edge.

Stk.	Mfr.	Blade	Price
<b>504040</b>	7150	1-1/2"W Flexible	<b>WEB</b>
<b>504041</b>	7200	2"W Flexible	<b>WEB</b>
<b>504042</b>	7300	3"W Flexible	<b>WEB</b>



### Bent Pole Scraper

**Master Painter** High-carbon steel blade is bent to help reach high surfaces. Fits any standard threaded broom handle or extension pole.

Stk.	Mfr.	Blade	Price
<b>943388</b>	3016TV	3"W	<b>WEB</b>



### Scraper Set

**Shop Fox** Remove tool marks and prepare wood surfaces for finishing with this scraper set. 2 of the scrapers have rounded edges to prevent accidental "digging" in your work.

**Includes** 3 rectangular (fine, medium, heavy cutting), concave/convex, gooseneck and beveled edge scraper.

Stk.	Mfr.	Price
<b>785691</b>	D3294	<b>WEB</b>



### Cabinet Scraper

**Kunz** Use for final cleaning and finishing of most hardwoods (especially cross-grained or curly-grained wood). Tough high-carbon steel

blade with a 90° edge angle. Body of fine, gray cast iron, with epoxy coating for durability. Finely ground 3-3/8"W base.

Stk.	Mfr.	Blade	Price
<b>768856</b>	580-2000	2-3/4"W	<b>WEB</b>

### Replacement Blade

Stk.	Mfr.	Blade	Price
<b>768857</b>	580-2005	2-3/4"W	<b>WEB</b>

### 768840 768842 768843 Cabinet Scraper Blades



**Two Cherries** Steel scrapers ideal for refinishers.

Stk.	Mfr.	Size	Price
<b>768840</b>	520-5005	0.6mm Rectangle	<b>WEB</b>
<b>768841</b>	520-5010	0.8mm Rectangle	<b>WEB</b>
<b>768842</b>	520-5060	0.7mm Curved	<b>WEB</b>
<b>768843</b>	520-5070	0.7mm Gooseneck	<b>WEB</b>

**3-Piece Set Includes** 0.8mm rectangle, curved and gooseneck.

Stk.	Mfr.	Size	Price
<b>768844</b>	520-5510		<b>WEB</b>



### Four-Edge Hand Scrapers

**Master Painter** Carbon steel blade. Soft-grip handle.

Stk.	Mfr.	Item	Blade	Qty.	Price
<b>943304</b>	FE2	Scraper	1-1/2"L		<b>WEB</b>
<b>943305</b>	22B	Replacement Blade	1-1/2"L	2/pkg.	<b>WEB</b>
<b>943170</b>	F4	Scraper	2-1/2"L		<b>WEB</b>
<b>943171</b>	42B	Replacement Blade	2-1/2"L	2/pkg.	<b>WEB</b>



### Triangular Scraper

**Marshalltown** High-quality detail scraper for molding contours, carved woodwork, cracks and seams. 9" balanced handle.

Stk.	Mfr.	Blade	Qty.	Price
<b>528345</b>	E1241	2-1/4"W	1	<b>WEB</b>

### Replacement Blade

Stk.	Mfr.	Blade	Qty.	Price
<b>528343</b>	E1242	2-1/4"W	1	<b>WEB</b>



### Glue Scraper

**Robert Larson** Quickly clean up glue joints with this heavy-duty, high-quality steel blade scraper.

Stk.	Mfr.	Blade	Qty.	Price
<b>768859</b>	580-2175	2-3/8"W	1	<b>WEB</b>

### Replacement Blade

Stk.	Mfr.	Blade	Qty.	Price
<b>768860</b>	580-2176	2-3/8"W	1	<b>WEB</b>

## SCREWDRIVERS



### Magnetic Brad and Nail Driver

**Great Neck** Solid wood handle and spring action shaft drives finishing nails up to 1-1/2"L without marring surface. Chrome plated with wood handle.

Stk.	Mfr.	Length	Price
<b>281138</b>	BD1	5-1/4"	<b>WEB</b>



### Screw Hole Starter

**Great Neck** Mark, start and thread the hole for a screw to enter. Tool's point bites fast and clean. Large plastic handle.

Stk.	Mfr.	Dia.	Length	Price
<b>281186</b>	SS3	1/4"	5-3/4"	<b>WEB</b>



### Offset Screwdrivers

**Great Neck** Steel chrome plated with knurled grip.

Stk.	Mfr.	Item	Price
<b>281018</b>	OSR2C	#1 & #2 Phillips	<b>WEB</b>
<b>281019</b>	OS2C	#2 & 1/4" Combination	<b>WEB</b>





### 100 Plus® Phillips Tip Screwdriver

**Stanley** 100% acetate handle stands up to heavy-duty use. Precision cold formed tips provide high torque performance. Black oxide tips provide corrosion resistance and precise fit.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
<b>860363</b>	64-100-A	1/8"	2-3/4"	0	5"	<b>WEB</b>
<b>860430</b>	64-101-A	3/16"	3"	1	6"	<b>WEB</b>
<b>860698</b>	64-105-A	1/4"	1-1/2"	2	3-5/8"	<b>WEB</b>
<b>860497</b>	64-102-A	1/4"	4"	2	7-3/4"	<b>WEB</b>
<b>860564</b>	64-103-A	5/16"	6"	3	10-1/2"	<b>WEB</b>
<b>860631</b>	64-104-A	3/8"	8"	4	13"	<b>WEB</b>

**5-Piece Set Includes** #1 x 3", two #2 (1-1/2" and 4"), #3 x 6", #4 x 8" and pouch.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
<b>862160</b>	66-156-A					<b>WEB</b>



### AA-Series Phillips Screwdriver

**Great Neck** Features a high carbon steel blade for strength and nickel plating to resist rust and the extruded plastic handle provides gripping power. Color coded for easy identification.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Price
<b>281032</b>	RA33C	1/4"	3"	#1	<b>WEB</b>
<b>281033</b>	RA44C	1/4"	4"	#2	<b>WEB</b>



### Magnetized Phillips Screwdriver

**Great Neck** Sand-blasted, precision-machined tip for exact fit, reduced cam out, longer life. Magnetic for more secure hold in one-handed operation or tight spaces. Hard-chrome plating is corrosion-resistant. Fluted, color-coded handle is made from impact-resistant acetate for rigorous use. Multiple gripping points to apply torque at any angle.

Stk.	Mfr.	Blade Length	Tip	Price
<b>281260</b>	73101	2-1/2"	#0	<b>WEB</b>
<b>281265</b>	73119	3"	#1	<b>WEB</b>
<b>281266</b>	73120	1-1/2"	#2	<b>WEB</b>
<b>281267</b>	73122	4"	#2	<b>WEB</b>
<b>281270</b>	73133	6"	#3	<b>WEB</b>



### Vinyl Grip Phillips

**Stanley** Full vinyl grip handle. Chrome-plated alloy-steel blade is corrosion resistant. Precision-machined black oxide tip for a precise fit.

Stk.	Mfr.	Blade Length	Tip	Overall Length	Price
<b>860990</b>	65-901	3"	1	6-3/4"	<b>WEB</b>
<b>860991</b>	65-902	4"	2	6-5/16"	<b>WEB</b>
<b>860992</b>	65-903	6"	3	10-3/16"	<b>WEB</b>



### 5-Piece Phillips Screwdriver Set

**GEARWRENCH** Tri-lobe ergonomic handle for optimal balance of strength and comfort. "Speed Zone" for turning in lower torque applications. Black oxide non-slip tip. Laser etched part number and size.

**Includes** #0 x 2-1/2", #1 x 3", #2 x 4", #2 x 8" and #3 x 6".

Stk.	Mfr.	Price
<b>432970</b>	80052H	<b>WEB</b>



### Slotted Screwdriver

**Stanley** Molded, bi-material handle has 3 grip zones that accommodate precision, torque and speed applications. Featuring a black phosphate rounded tip that is marked on the handle.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Overall Length	Price
<b>864575</b>	STHT60783	1/4"	4"	Slotted	8"	<b>WEB</b>



### 3/16" Cabinet Tip Screwdriver

**Stanley** For cabinet building and other precision woodworking. 100% acetate handle stands up to heavy-duty industrial use. Chrome-plated to resist corrosion.

Stk.	Mfr.	Blade Dia.	Blade L.	Tip	Overall Length	Price
<b>863177</b>	66-183-A	3/16"	3"	3/16"	6-5/8"	<b>WEB</b>
<b>863244</b>	66-186-A	3/16"	6"	3/16"	9-1/2"	<b>WEB</b>
<b>863311</b>	66-188-A	3/16"	8"	3/16"	11-1/2"	<b>WEB</b>



### Magnetized Slotted Screwdriver

**Great Neck** Constructed with corrosion-resistant hard-chrome vanadium steel plated shank and acetate handle for strength and impact resistance. Magnetized tip is precision machined and sand blasted to provide an exact fit, reduced cam out and longer tool life. Fluted handle creates multiple gripping points for secure hold. Color coded for easy identification.

Stk.	Mfr.	Blade Length	Tip	Price
<b>281230</b>	73001	2-1/2"	1/8"	<b>WEB</b>
<b>281231</b>	73013	4"	3/16"	<b>WEB</b>
<b>281233</b>	73022	4"	1/4"	<b>WEB</b>
<b>281235</b>	73033	6"	5/16"	<b>WEB</b>
<b>281240</b>	73044	8"	3/8"	<b>WEB</b>



### Vinyl Grip Round Blade Standard Tip Screwdriver

**Stanley** Full-size vinyl grip handle. Alloy steel blade is chrome-plated for corrosion resistance. Tips fully cross ground for more secure fit.

Stk.	Mfr.	Blade Dia.	Blade Length	Overall Length	Price
<b>863565</b>	66-088	1/4"	1-1/2"	3-5/8"	<b>WEB</b>
<b>863566</b>	66-089	7/32"	3"	6-3/4"	<b>WEB</b>
<b>863567</b>	66-090	1/4"	4"	8-1/4"	<b>WEB</b>
<b>863568</b>	66-091	5/16"	6"	11"	<b>WEB</b>
<b>863569</b>	66-092	3/8"	8"	13-5/8"	<b>WEB</b>



### 100 Plus® Standard Screwdriver

**Stanley** 100% acetate handle stands up to heavy-duty industrial use. Precision cold formed tips provide high torque performance. Black oxide tips provide corrosion resistance and precise fit. Durable alloy steel blade withstands repeated usage.

Stk.	Mfr.	Blade Dia.	Blade Length	Overall Length	Price
<b>862373</b>	66-163-A	3/16"	3"	6-3/4"	<b>WEB</b>
<b>862239</b>	66-161-A	1/4"	1-1/2"	3-1/2"	<b>WEB</b>
<b>862440</b>	66-164-A	1/4"	4"	8-1/4"	<b>WEB</b>
<b>862574</b>	66-166-A	5/16"	6"	11"	<b>WEB</b>
<b>862641</b>	66-168-A	3/8"	8"	13-1/4"	<b>WEB</b>
<b>862172</b>	66-160-A	3/8"	10"	15-1/4"	<b>WEB</b>
<b>862306</b>	66-162-A	3/8"	12"	17-1/4"	<b>WEB</b>

**7-Piece Set Includes** 1/4" x 1-1/2", 3/16" x 3", 1/4" x 4", 5/16" x 6", 3/8" x 8", 3/8" x 10", 3/8" x 12".

Stk.	Mfr.	Blade Dia.	Blade Length	Overall Length	Price
<b>862162</b>	66-157-A				<b>WEB</b>



### Vinyl Grip Combination Screwdriver Set

**Stanley** Maximum comfort, full-size, vinyl grip handles. Long-lasting alloy steel blades are chrome-plated to resist corrosion.

**Includes** 2 slotted (4" and 6"), 2 cabinet (3" and 6") and 2 Phillips (#'s 1 and 2).

Stk.	Mfr.	Price
<b>863530</b>	66-565	<b>WEB</b>



### Combination Screwdriver Set

**Crescent** Chrome plated shafts and blades for increased corrosion resistance. Blade tips are designed to ensure tighter tolerance and fit. Ergonomic color coded acetate handles provide comfort and maximized torque.

**6-Piece Includes** Phillips (#1 x 3", #2 x 4", #2 x 6") and slotted (1/8" x 4", 3/16" x 6", 1/4" x 4").

Stk.	Mfr.	Price
<b>308289</b>	CPS6PCSET	<b>WEB</b>

**12-Piece Includes** Phillips (#0 x 2-1/2", #1 x 1-1/2", #1 x 3", #2 x 4", #2 x 6") and slotted (1/8" x 2", 1/8" x 4", 3/16" x 1-1/2", 3/16" x 4", 3/16" x 6", 3/16" x 9", 1/4" x 6").

Stk.	Mfr.	Price
<b>308288</b>	CPS12PCSET	<b>WEB</b>



### SureGrip® Combination Screwdriver Set

**S-K** Comfortable square handles give you a secure grip even with greasy hands. Vapor blasted tips grip fasteners effectively. Hex bolster on many screwdrivers lets you generate easy turning power with a wrench. Nickel chrome plated for corrosion resistance.

**6-Piece Includes** 1/8" x 3", 3/16" x 4", 1/4" x 4", Phillips #0 x 3", #1 x 4" and #2 x 4".

Stk.	Mfr.	Price
<b>831579</b>	86320	<b>WEB</b>

**9-Piece Includes** 1/4" x 2-1/4", 1/4" x 4", 5/16" x 6", 3/8" x 8", 3/8" x 12", Phillips #0 x 3", #1 x 4", #2 x 2-1/4", #2 x 4" and tray.

Stk.	Mfr.	Price
<b>831562</b>	86006	<b>WEB</b>



### Magnetic Combination Screwdriver Sets

**DEWALT** Magnetic, precision sand-blasted tips provide excellent fit in fasteners. Soft-grip handles for maximum torque and comfort.

**4-Piece Includes** 1/4" x 4" slotted, 3/16" x 4" cabinet tip and 2 Phillips (#1 x 3", #2 x 4").

Stk.	Mfr.	Price
<b>243411</b>	DWHT62512	<b>WEB</b>

**10-Piece Includes** 4 slotted (1/8" x 3", 3/16" x 4", 1/4" x 4" and 1/4" x 1-1/2" stubby), 3/16" x 6" cabinet tip and 5 Phillips (0 x 2-1/4", #1 x 3", #2 x 4", #2 x 6" and #2 x 1-1/2" stubby).

Stk.	Mfr.	Price
<b>243412</b>	DWHT62513	<b>WEB</b>



### 6-Piece Insulated Screwdriver Set

**Klein**

**Includes** two 4" shanks in 1/4" cabinet tip and #2 Phillips. Three 6" shanks in 3/16" cabinet tip, #1 Phillips, #2 square tip and magnetizer.

Stk.	Mfr.	Price
<b>945321</b>	33736INS	<b>WEB</b>



### 100 Plus® Combination Screwdriver 8-Piece Set

**Stanley** 100% acetate handle stands up to heavy-duty use. Precision cold formed tips provide high torque performance. Black oxide tips provide corrosion resistance and precise fit. Durable alloy steel blade withstands repeated usage.

**Includes** standard 1/4" x 1-1/2", 1/4" x 4", 5/16" x 6", 3/8" x 8", Phillips #2 x 1-1/2", #1 x 3", #2 x 4", #3 x 6".

Stk.	Mfr.	Price
<b>862164</b>	66-158-A	<b>WEB</b>



### 10-Piece Combination Screwdriver Set

**Stanley** Each screwdriver has a molded, bi-material handle with 3 grip zones to accommodate precision, torque, and speed applications. The tip type is conveniently identified on the handle.

**Includes** 6 slotted (1/8" x 3", 3/16" x 3", 3/16" x 6", 1/4" x 1.5", 1/4" x 4", 1/4" x 6"), 4 Phillips (#0 x 3", #1 x 4", #2 x 1.5", #2 x 4").

Stk.	Mfr.	Price
<b>864580</b>	STHT60799	<b>WEB</b>



### 18-Piece Screwdriver Set with Rack

**Performance Tool** Soft handle screwdriver and precision screwdriver set with organizing rack.

**Includes** 4 slotted (5/16" x 6", 1/4" x 4", 3/16" x 3", 1/4" x 1-1/2"), 4 Phillips (#3 x 6", #2 x 4", #1 x 3", #2 x 1-1/2"), 10 precision slotted (3/32" x 1-1/2", 1/8" x 1-1/2"), Phillips (#0 x 1-1/2", #00 x 1-1/2"), star (T5, T6, T7, T8, T9, T10 x 1-1/2") and rack.

Stk.	Mfr.	Price
<b>976551</b>	W1710	<b>WEB</b>



### 26-Piece Screwdriver Set with Rack

**Performance Tool** 26-piece screwdriver set comes with the most popular styles and sizes to meet most of your job needs. The storage case keeps all screwdrivers organized. Chrome vanadium blades with satin finish and magnetic tips. Non-slip molded grips.

**Includes** Phillips (#2 x 1-1/2", #00 x 3", #0 x 3", #1 x 4", #2 x 4", #3 x 5", #3 x 8"), slotted (1/4" x 1-1/2", 1/8" x 2", 1/8" x 3", 3/16" x 4", 1/4" x 4", 1/4" x 5", 5/16" x 5", 5/16" x 8"), Pozi (PZ0, PZ1, PZ2, PX3), star (T15, T20, T25, T27, T30, T40) and rack.

Stk.	Mfr.	Price
<b>533400</b>	W1726	<b>WEB</b>



### 39-Piece Screwdriver Set with Rack

**Performance Tool** Organizing rack features built-in bit holders and magnetizer/demagnetizer. Chrome vanadium blades and power bits, comfortable non-slip molded grips. Satin finish with magnetic tips.

**Includes** standard (1/4" x 1.5", 5/32" x 3", 1/4" x 4", 5/16" x 6", 2.0mm x 2", 2.5mm x 2", 3.0mm x 2"), Phillips (#2 x 1.5", #1 x 3", #2 x 4", #2 x 6", #00 x 2", #0 x 2"), star (T6 x 2", T8 x 2", T10 x 2"), 1/4" hex bits (slotted 5/32", 3/16", 1/4", Phillips #0, #1, #2, PZ #1, #2, star T20, T25, T30, hex 2, 3, 4, 5, 6mm), nut driver bits (6, 7, 8, 9, 10mm), magnetic bit driver and storage rack.

Stk.	Mfr.	Price
<b>976554</b>	W1727	<b>WEB</b>



### 100 Plus® Standard Pocket Screwdriver

**Stanley** Practical for light work. Pocket clip keeps tool handy.

Stk.	Mfr.	Blade Dia.	Blade Length	Overall Length	Price
<b>861904</b>	66-101-A	1/8"	2"	4-3/8"	<b>WEB</b>
<b>861905</b>	66-102-A	3/32"	3"	5-3/8"	<b>WEB</b>



### 100 Plus® Phillips Pocket Screwdriver

**Stanley** Practical for light work. Pocket clip keeps tool handy.

Stk.	Mfr.	Blade Dia.	Blade Length	Tip	Price
<b>860755</b>	64-170-A	1/8"	2"	0	<b>WEB</b>



### 6-in-1 Reversible Blade Screwdriver

**Great Neck** Heavy duty, easy grip high-impact handle. Screwdriver bits store in handle.

**Includes** 2 slotted (1/4", 3/16"), 2 Phillips (#1 and #2) and 2 nut drivers (1/4" and 5/16").

Stk.	Mfr.	Price
<b>281154</b>	SD12E	<b>WEB</b>



### 15-in-1 Reversible Blade Ratchet Screwdriver

**Lutz** Chamber allows for easy access and storage of bits.

**Includes** 1/8" slotted x #0 Phillips, 1/4" x 3/16" slotted, 1/4" slotted x #2 Phillips, 5/32" slotted x #3 Phillips, #1 x #2 Phillips, T15 x T20 Torx® and S1 x S2 square.

Stk.	Mfr.	Length	Price
<b>511270</b>	21000	8"	<b>WEB</b>



### 6-in-1 Multi Tool Screwdriver

**Stanley** Ergonomic tri-lobe shaped handle with diamond-textured, rubber grip for extra torque. Chrome-plated bar resists corrosion. High-quality bits.

**Includes** 2 Phillips (#1 & #2), 2 slotted (1/4" & 3/16"), 2 nut drivers (1/4" & 5/16").

Stk.	Mfr.	Length	Price
<b>863700</b>	68-012	7-3/4"	<b>WEB</b>



### 9-in-1 Multi-Tool Screwdriver

**Irwin** Ergonomic ProTouch™ slip-resistant grip provides maximum torque and comfort. Internal storage keeps 6 bits and 3 nut drivers locked in place and close at hand.

**Includes** 2 Phillips (#'s 1 & 2), 2 slotted (1/4" & 3/16"), 2 square drive (#'s 1 & 2), 3 nut drivers (1/4", 3/8" & 5/16").

Stk.	Mfr.	Length	Price
<b>619221</b>	2051100	9-1/2"	<b>WEB</b>



### 10-in-1 Multi-bit Screwdriver

**Stanley** 3-Position switch enables clockwise, counterclockwise and locked ratcheting positions. Magnetic bit holder secures bits fast. Ergo, textured storage handle increases torque. Corrosion-resistance plating.

**Includes** 2 ea. Phillips, Pozidriv & square drive (all #'s 1 & 2), 2 slotted (1/4" & 3/16"), 2 Torx™ (#'s 10 & 15).

Stk.	Mfr.	Length	Price
<b>863698</b>	68-010	10"	<b>WEB</b>



### 11-in-1 Screwdriver Nut Driver with Schrader® Bit

**Klein** This versatile tool is great for HVAC and other industrial applications. Includes unique bit for installation/removal of common TR-4 Schrader® valves and aggressive thread extractor tip for backing out broken cores. Blast finish bit tips provide a firm hold and reduce cam out. Cushion-grip handle for greater torque and comfort.

**Includes** slotted (3/16", 1/4"), Phillips (#1, #2), nut driver (1/4", 5/16", 3/8"), square (#1, #2), core removal/installation and core extractor.

Stk.	Mfr.	Length	Price
<b>945492</b>	32527	7-3/4"	<b>WEB</b>



### Square Recess Screwdriver

**Master Mechanic** Corrosion-resistant, alloy-steel blade is heat-treated for durability and strength. Comfort-grip, 4-flute handle is cellulose acetate for impact and chemical resistance. Dimple on handle provides precise finger tip control.

Stk.	Mfr.	Blade Dia.	Blade L.	Tip	Overall Length	Price
<b>485056</b>	103591	3/16"	3"	1	6-3/4"	<b>WEB</b>
<b>485057</b>	103606	1/4"	4"	2	8-1/4"	<b>WEB</b>



### Torx® Screwdriver

**Master Mechanic** Heat-treated chromoly steel blades with advanced nickel chrome plating. Precision-machined tips for precise fit. Large handles are impact and chemical-resistant.

Stk.	Mfr.	Blade Dia.	Blade L.	Tip	Overall Length	Price
<b>485010</b>	103569	3/16"	3"	T15	6-5/8"	<b>WEB</b>
<b>485011</b>	103580	3/16"	3"	T20	6-5/8"	<b>WEB</b>
<b>485012</b>	103585	3/16"	3"	T25	8"	<b>WEB</b>
<b>485013</b>	103596	1/4"	4"	T27	8"	<b>WEB</b>

**5-Piece Set Includes** T#'s 10, 15, 20, 25 & 30.

<b>485039</b>	167488					<b>WEB</b>
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### Jeweler's Screwdriver English/Metric Set

**Great Neck** English/metric screwdrivers are heat-treated for extra strength. Ideal for hobby and electrical work.

**Includes** 4 slotted (0.8, 1.2, 1.8 & 3mm), 2 Phillips (#'s 0 & 1) & case.

Stk.	Mfr.	Item	Price
<b>281149</b>	GP6C	6-Piece Set	<b>WEB</b>



### Swivel Head Jeweler's Screwdriver Set

**General** Nickel-plated, swivel-head screwdriver has 5 interchangeable blades.

**Includes** .040", .055", .070" & .100" straight blades, plus #0 Phillips & molded plastic case.

Stk.	Mfr.	Item	Price
<b>419077</b>	S605	5-Piece Set	<b>WEB</b>



### Jeweler's Screwdriver Set

**General** Conforms to government specifications GGG-S-1808. 3-7/8"L.

**Includes** .100", .080", .070", .055", .040", .025" & plastic case.

Stk.	Mfr.	Item	Price
<b>419000</b>	SPC600	6-Piece Set	<b>WEB</b>



### Mini Jeweler's Screwdriver Set

**Xcelite** Miniature set for precise, detailed work. Consists of jeweler's screwdriver blades molded in color-coded plastic handles.

Blade length 7/8".

**Includes** #00 Phillips, slotted screwdrivers (sizes .04", .055", .07", .08" and .10"), handle and case.

Stk.	Mfr.	Item	Price
<b>308819</b>	M60N	6-Piece Set	<b>WEB</b>



### 5-Piece Precision Screwdriver Set

**General** Screwdriver set ideal for close, delicate work. Color-coded ring identifies tip type.

**Includes** slotted (3/32", 1/8") and Phillips (PH0, PH00, PH1).

Stk.	Mfr.	Item	Price
<b>419200</b>	700		<b>WEB</b>



### 5-Piece Precision Torx Screwdriver Set

**General** Precision set is ideal for close, delicate work. Driver tip size shown on rotating cap.

**Includes** T6, T7, T8, T9 and T10.

Stk.	Mfr.	Item	Price
<b>419201</b>	711		<b>WEB</b>



### 7-Piece Precision Screwdriver Set

**General** UltraTech™ Precision Screwdrivers in 3 Versa-Grip comfort handle sizes (1" to 2-1/2"). Color-coded rings allow quick blade ID.

**Includes** 3 slotted (1/16", 3/32", 1/8"), 3 Phillips (#s 00, 0, 1) and Torx (T6).

Stk.	Mfr.	Item	Price
<b>419150</b>	67123		<b>WEB</b>



### 18-Piece Precision Screwdriver Set

**General** Precision screwdriver set with 17 interchangeable extended-shaft, heat treated blades for electronic, computer and jewelry repair. Black oxide blade coating prevents rust and corrosion. Locking screw chuck secures blades and allows quick changes. Versa-Grip comfort handle provides precision feel.

**Includes** 4 slotted (3/64", 1/16", 5/64", 3/32"), 2 Phillips (#s 000, 00), 4 Torx (T#s 6, 7, 8, 9), 3 hex (.50, 1/16", 5/64"), 3 nut drivers (3/32", 1/8", 5/32"), awl/scribe and handle, plus vinyl zip case.

Stk.	Mfr.	Item	Price
<b>419151</b>	63518		<b>WEB</b>



### 15-Piece Electronics Screwdriver Set

**Woodstock** Designed for precision electronics assembly work, the 15-piece mini screw and nut driver set features long, slender handles with swivel heads for the ultimate in control.

**Includes** hex keys (1/16", 5/64", 3/32"), sockets (1/8", 9/64", 5/32", 3/16", 7/32"), straight (0.054", 0.070", 0.094", 0.118"), Phillips (#s 00, 0, 1) and case.

Stk.	Mfr.	Item	Price
<b>785761</b>	D4272		<b>WEB</b>



### 3/8" Drive Hand Impact Tool Set

**Lisle** Loosens rusted and frozen nuts, bolts and screws. Unique design delivers over 200 ft./lbs. of shock torque. Reverse process to tighten. Can be used with impact sockets.

**Includes** 3/8" impact tool, 3/8" bit holder, Phillips bit #s 1, 2, 3, 4, plus 3/8" straight slot bit.

Stk.	Mfr.	Item	Price
<b>503850</b>	29200	7-Piece Set	<b>WEB</b>

## NUT DRIVERS



### Nut Driver

**Great Neck** Constructed of chrome vanadium steel hollow shaft and acetate handle. Color coded for easy tip identification.

Stk.	Mfr.	Size	Price
<b>281193</b>	ND5C	1/4"	<b>WEB</b>
<b>281194</b>	ND7C	5/16"	<b>WEB</b>
<b>281195</b>	ND8C	11/32"	<b>WEB</b>
<b>281196</b>	ND9C	3/8"	<b>WEB</b>
<b>281197</b>	ND10C	7/16"	<b>WEB</b>
<b>281198</b>	ND11C	1/2"	<b>WEB</b>
<b>281191</b>	ND72	7-Piece 3/16"-1/2"	<b>WEB</b>
<b>281189</b>	ND71	7-Piece 6-12mm	<b>WEB</b>



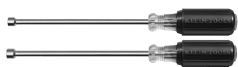
### Color-coded Nut Driver 10-Piece Set

**Xcelite** SAE full hollow shaft nut driver kit.

**Includes** 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16" and case.

Stk.	Mfr.	Item	Price
<b>308811</b>	HS618N		<b>WEB</b>





### Magnetic Nut Driver 2-Piece Set

**Klein** Full-hollow shaft design with magnetic tip facilitates work on bolt applications. Color-coded handle cap for easy identification. Internal flanges provide solid, twist-resistant shank anchor. Cushion-grip handle allows for greater torque.

**Includes** 1/4" (red) and 5/16" (yellow).

Stk.	Mfr.	Price
<b>945085</b>	646M	<b>WEB</b>



### Hollow Shaft Nut Driver Sets

**CHANNEL LOCK** High-torque, 3-sided Code Blue® grips. Steel blade is attached to the steel cap on the back of handle.

**7-Piece Standard Includes** 1 1/32", 1/2", 1/4", 3/16", 3/8", 5/16" and 7/16".

Stk.	Mfr.	Price
<b>301360</b>	ND-7CB	<b>WEB</b>

**7-Piece Metric Includes** 5, 6, 7, 8, 9, 10, 11 mm.

Stk.	Mfr.	Price
<b>301361</b>	MD-7CB	<b>WEB</b>

## WRENCHES



### Heavy-duty Pipe Wrenches

**Ridgid** Cast iron housing and I-beam handle for comfort grip and strength without excess weight. Full-floating forged hooked jaw with spring suspension for instant grip, instant release. Replaceable jaws with tough, heat-treated, high-alloy steel teeth. Rugged, easy-spin, nonstick adjustment nut that automatically cleans grime from hook jaw shank. Uniquely braced, extra-strong mount for heel jaw.

Stk.	Mfr.	Length	O.D. Capacity	Model	Price
<b>689067</b>	31005	8"	1"	8HD	<b>WEB</b>
<b>689134</b>	31010	10"	1-1/2"	10HD	<b>WEB</b>
<b>689268</b>	31020	14"	2"	14HD	<b>WEB</b>
<b>689335</b>	31025	18"	2-1/2"	18HD	<b>WEB</b>
<b>689402</b>	31030	24"	3"	24HD	<b>WEB</b>



### Quick Adjusting Pipe Wrench

**Vise-Grip** Lightweight cast aluminum construction and ergo handle for maximum comfort and heavy torque. I-handed operation enhances user speed and convenience. Ratchets quickly to work surface with a smooth release.

Stk.	Mfr.	Length	O.D. Capacity	Price
<b>619215</b>	274001SM	11"	2-1/4"	<b>WEB</b>



### Spud Wrench

**Ridgid** Narrow jaws fit into tight places. Drop-forged, heat-treated hook jaw.

Stk.	Mfr.	Length	O.D. Capacity	Price
<b>692760</b>	31400	12"	3/8"-2-5/8"	<b>WEB</b>



### Strap Wrench

**Ridgid** For any polished pipe. Woven nylon strap gives a tight grip and is replaceable. Head and I-beam are 1 piece. Polyurethane coating on strap prevents marring.

Stk.	Mfr.	Strap	O.D. Capacity	Model	Price
<b>689792</b>	31335	1/2"VW x 17"L	3-1/2"	1	<b>WEB</b>

## ALLEN WRENCH SETS



### Eklind Fold-up Hex Keys

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish. Keys secured in a 1-piece steel case.

Stk.	Mfr.	Item	Size	Price
<b>385000</b>	20511	5-Piece	3/16" - 3/8"	<b>WEB</b>
<b>385031</b>	20812	8-Piece	3/32" - 1/4"	<b>WEB</b>
<b>385030</b>	20811	8-Piece	.050" - 5/32"	<b>WEB</b>
<b>385051</b>	20912	9-Piece	.050" - 3/16"	<b>WEB</b>
<b>385050</b>	20911	9-Piece	5/64" - 1/4"	<b>WEB</b>
<b>385100</b>	21151	6-Piece	3 - 10mm	<b>WEB</b>
<b>385111</b>	21172	7-Piece	2 - 8mm	<b>WEB</b>
<b>385110</b>	21171	7-Piece	1.5 - 6mm	<b>WEB</b>
<b>385170</b>	26160	16-Piece	5/64" - 1/4", 1.5 - 5mm	<b>WEB</b>



### Proto Fold-up Hex Keys

**Proto** Keys secured in a 1-piece chrome plated steel case. Rust-resistant black oxide finish.

Stk.	Mfr.	Item	Size	Price
<b>922743</b>	J4991	8-Piece, Long	3/32" - 1/4"	<b>WEB</b>
<b>922006</b>	J4978	9-Piece	.050" - 3/16"	<b>WEB</b>
<b>921805</b>	J4973	6-Piece	3 - 10mm	<b>WEB</b>
<b>921872</b>	J4974	7-Piece	1.5 - 6mm	<b>WEB</b>



### DeWalt Fold-up Hex Keys

**DEWALT** Ergonomic, soft-grip case with steel side plate and push-button locks at 90°, 135° and 180°.

Stk.	Mfr.	Item	Size	Price
<b>243417</b>	DWHT70262M	8-Piece	3/32" - 1/4"	<b>WEB</b>
<b>243418</b>	DWHT70263M	8-Piece	1.5 - 8mm	<b>WEB</b>



### Eklind Ergo-Fold™ Fold-up Hex Keys

**Eklind** Ergonomic, soft-grip handle for comfort and slip resistance, hard shell for strength. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>385160</b>	25911	9-Piece	5/64" - 1/4"	<b>WEB</b>
<b>385161</b>	25912	9-Piece	.050" - 3/16"	<b>WEB</b>



### Eklind Hex-L® Keys with Vinyl Pouch

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>385292</b>	69210	10-Piece	1.3 - 10mm	<b>WEB</b>
<b>385300</b>	69218	18-Piece	Short .050" - 7/32", Long 1/16" - 5/16"	<b>WEB</b>



### Eklind Hex-L® Keys with Holder

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>384880</b>	I0107	7-Piece Short	5/64" - 1/4"	<b>WEB</b>
<b>384882</b>	I0111	11-Piece Short	.050" - 1/4"	<b>WEB</b>
<b>384870</b>	I0018	18-Piece Short / Long	.050" - 5/16"	<b>WEB</b>
<b>384915</b>	I0507	7-Piece Short	1.5 - 6mm	<b>WEB</b>
<b>384916</b>	I0509	9-Piece Short	1.5 - 10mm	<b>WEB</b>



### Proto L Hex Keys with Holder

**Proto** Rust-resistant black oxide finish.

Stk.	Mfr.	Item	Size	Price
<b>922020</b>	J4982	7-Piece	5/64" - 1/4"	<b>WEB</b>
<b>922019</b>	J4981	11-Piece	.050" - 1/4"	<b>WEB</b>



### Great Neck L-Hex Key SAE/Metric 20-Piece Set

**Includes** 2, 2.5, 3, 4, 5, 6, 8mm and .05", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".

Stk.	Mfr.	Price
<b>281183</b>	HK20S	<b>WEB</b>



### Eklind Hex-L® Keys with Metal Case

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>384900</b>	I0115	15-Piece	.028" - 3/8"	<b>WEB</b>
<b>384920</b>	I0515	15-Piece, Short	0.7 - 17mm	<b>WEB</b>



### Fastener Barn L Hex Key 95-Piece Set

**Fastener Barn** Short hex keys made of alloy steel.

**Includes** 10 ea. (.050, 1/16", 5/64", 3/32", 1/8", 5/32", 3/16" & 7/32), 5 ea. (1/4", 5/16" & 3/8") and molded case.

Stk.	Mfr.	Price
<b>485515</b>	HK99	<b>WEB</b>



### Eklind Long Ball-Hex-L™ Key Set

**Eklind** Ball-Hex Keys will drive a fastener at up to a 30 degree angle.

Stk.	Mfr.	Item	Size	Price
<b>384960</b>	I3609	9-Piece	1.5 - 10mm	<b>WEB</b>
<b>384950</b>	I3222	22-Piece	Stubby .050" - 3/8", 1.5 - 10mm.	<b>WEB</b>



### Eklind T-Handle Hex Keys in Pouch

**Eklind** One continuous piece of hexagon, industrial-grade alloy steel. Heat-treated for optimum strength. Black rust-resistant finish. Proportional-balanced design for maximum leverage, reach and torque. Square-cut ends engage the full socket depth for tightening without reaming. USA made.

Stk.	Mfr.	Item	Size	Length	Price
<b>385200</b>	33168	8-Piece Pouch Set	3/32" - 1/4"	6"	<b>WEB</b>
<b>385210</b>	33198	8-Piece Pouch Set	3/32" - 1/4"	9"	<b>WEB</b>
<b>385220</b>	33610	10-Piece Pouch Set	3/32" - 3/8"	6"	<b>WEB</b>
<b>385230</b>	33910	10-Piece Pouch Set	3/32" - 3/8"	9"	<b>WEB</b>
<b>385250</b>	35168	8-Piece Pouch Set	2 - 10mm	6"	<b>WEB</b>



### Eklind Cushion Grip T-Handle Hex Keys with Stand

**Eklind** One continuous piece of hexagon, industrial-grade alloy steel. Heat-treated for optimum strength. Black rust-resistant finish. Proportional-balanced design for maximum leverage, reach and torque. Square-cut ends engage the full socket depth for tightening without reaming. USA made.

Stk.	Mfr.	Item	Size	Length	Price
<b>385270</b>	50160	10-Piece	3/32" - 3/8"	6"	<b>WEB</b>
<b>385280</b>	56168	8-Piece	2 - 10mm	6"	<b>WEB</b>



### Power-T™ T-Handle Hex Keys with Stand

**Eklind** Ergonomic, textured, slip-resistant grip provides extra torque and safety. Made from the highest quality hex steel, heat treated for maximum strength and finished to resist rust. Color-coded for easy identification. Sizes stamped on handle.

Stk.	Mfr.	Item	Size	Length	Price
<b>385285</b>	60614	11-Piece	5/64" - 3/8"	6"	<b>WEB</b>
<b>385286</b>	60914	11-Piece	5/64" - 3/8"	9"	<b>WEB</b>
<b>385287</b>	64611	8-Piece	2 - 10mm	6"	<b>WEB</b>
<b>385288</b>	64911	8-Piece	2 - 10mm	9"	<b>WEB</b>



### Eklind Torx® Fold-up Keys

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish. Keys secured in a 1-piece steel case.

Stk.	Mfr.	Item	Size	Price
<b>385150</b>	22571	7-Piece	T10 - 40	<b>WEB</b>
<b>385151</b>	22572	7-Piece	T6 - 20	<b>WEB</b>



### Proto Torx® Keys with Pouch

**Proto** Corrosion-resistant black-oxide finish.

Stk.	Mfr.	Item	Size	Price
<b>921792</b>	J4961	10-Piece	T10 - T55	<b>WEB</b>



### Eklind Torx® Keys with Holder

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>384930</b>	10807	7-Piece Short	T10 - T40	<b>WEB</b>
<b>384931</b>	10907	7-Piece Long	T10 - T40	<b>WEB</b>



### Heavy-duty SharpShooter® Staple Gun

**Stanley** Heavy-duty staple gun delivers high power and deep penetration. Features easy squeeze handle, anti-jam mechanism, durable aircraft aluminum housing, high-visibility yellow color, easy-slide full-stick staple load.

Use TRA700 series staples.

Stk.	Mfr.	Price
<b>597401</b>	TRI50	<b>WEB</b>

## STAPLERS & TACKERS



### PowerCrown™ Hammer Tacker

**Bostitch** Compact, lightweight tool swings like a hammer with 1-hand operation. For fast, repetitive tacking jobs. Use STCR5019 series staples.

**Includes** leather sheath & 1,000 3/8" staples.

Stk.	Mfr.	Price
<b>838515</b>	H30-8	<b>WEB</b>

### PowerCrown™ Hammer Tacker Staples

**Bostitch** Fits H30-8 Hammer Tacker.

Stk.	Mfr.	Size	Qty.	Price
<b>838557</b>	STCR50191/4-1M	1/4"	1,000	<b>WEB</b>
<b>838558</b>	STCR50193/8-1M	3/8"	1,000	<b>WEB</b>



### SharpShooter® Heavy-duty Hammer Tacker

**Stanley** Used for carpeting, roofing materials or insulation. Balanced for one-hand operation and has durable steel construction.

**Uses 1/4", 5/16" and 3/8" narrow crown staples.**

Stk.	Mfr.	Price
<b>597420</b>	PHT150C	<b>WEB</b>



### Heavy-duty Staple/Brad Nail Gun

**Stanley** Easy-to-squeeze trigger and comfortable handle reduces hand fatigue. The all metal drive channel ensures better penetration. Hi/Lo power lever for hard and soft materials. Flush-nose design for stapling in tight areas.

**Uses Stanley® SharpShooter® TRA700 series or Arrow® T-50® heavy duty narrow crown staples and 1/2", 9/16" and 5/8" brads.**

Stk.	Mfr.	Price
<b>597404</b>	TR250	<b>WEB</b>

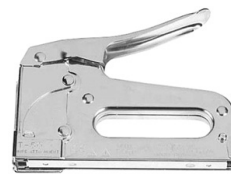


### Electric Staple/Brad Nail Gun

**Stanley** Electricity and heavy-duty design delivers outstanding driving power. Hi/Lo power for hard and soft materials. Flush-nose for stapling in tight spots. Features contoured comfort grip, anti-jam mechanism, nose safety, and 8' power cord.

**Use TRA700 series staples, or SWKBN series 1/2" and 5/8" brads.**

Stk.	Mfr.	Price
<b>597456</b>	TRE550Z	<b>WEB</b>



### Staple Gun

**Arrow** Tacker with all-steel construction and working parts features a chrome finish, jam-proof mechanism, refill window and double-leverage operation.

**Uses heavy-duty 1/4", 5/16", 3/8", 1/2" and 9/16" staples.**

Stk.	Mfr.	Price
<b>942726</b>	T50	<b>WEB</b>



### Heavy-duty Staple Gun

**Surebinder** Drives narrow, power, wide and medium crown staples. Easy drop-in staple loading, ergonomic non-slip grip, adjustable drive, durable chrome finish.

**Uses any standard type heavy-duty 1/4" - 9/16" staples.**

Stk.	Mfr.	Price
<b>410940</b>	5650	<b>WEB</b>

### Heavy-duty Narrow Crown Staples

**Stanley** Used for heavy-duty stapling jobs such as insulation, carpet underlayment, and roofing felt. These staples come in sturdy plastic packaging to help reduce breakage of the stick. Color-coded packaging.

Stk.	Mfr.	Size	Qty.	Price
<b>597480</b>	TRA704T	1/4"	1,000	<b>WEB</b>
<b>597481</b>	TRA705T	5/16"	1,000	<b>WEB</b>
<b>597482</b>	TRA706T	3/8"	1,000	<b>WEB</b>
<b>597483</b>	TRA708T	1/2"	1,000	<b>WEB</b>
<b>597484</b>	TRA709T	9/16"	1,000	<b>WEB</b>

### Brad Nailer Brads

**Stanley** Fits TR200, TR250, TRE500, TRE550, TRE550Z, TRE650 electric brad nailers.

Stk.	Mfr.	Size	Qty.	Price
<b>597397</b>	SWKBN050S	1/2"	1,000	<b>WEB</b>
<b>597396</b>	SWKBN625S	5/8"	1,000	<b>WEB</b>

## PLIERS



### Clic-R Hose Clamp Pliers

**OEM** Designed for the quick and easy removal of Clic-R type clamps these pliers allow you to re-use hose clamp collars. With a PVC coating and ergonomic design, they easily fit into tight spaces under the hood. Made from

durable steel construction, these simple and sturdy pliers have a single rivet design and brushed finish jaws to resist rust and corrosion.

Stk.	Mfr.	Price
<b>281187</b>	25102	<b>WEB</b>



### Lock Ring Pliers

**Lisle** Designed for removing and installing lock rings on all types of transmissions, master cylinders, brakes, etc. Jaws are knurled on the end to prevent slipping.

Stk.	Mfr.	Price
<b>503868</b>	44900	<b>WEB</b>



### Brake Spring Pliers

**Lisle** Double-ended tool for removing and installing brake springs. Use plier tips to stretch brake spring. Handle ends remove and install spring over anchor post.

Stk.	Mfr.	Price
<b>503750</b>	11260	<b>WEB</b>



901635



901636

### Long Reach Needle Nose Pliers

**Proto** Designed to reach around obstructions. Plastisol grips and improved fulcrum point provide comfort and holding power.

Stk.	Mfr.	Item	Length	Price
<b>901635</b>	J240G	Long Reach	11-9/16"	<b>WEB</b>
<b>901636</b>	J241G	Bent Nose	11-3/8"	<b>WEB</b>



### Welder's Pliers

**CHAN NEL LOCK** Grips and draws out wire. Spring-loaded groove nose design for superior spatter removal. Precision machined, laser heat treated cutting edge. Easy installation and removal of tips, bushings and nozzles.

Stk.	Mfr.	Length	Price
<b>301452</b>	360	9"	<b>WEB</b>



### MIG Welding Pliers

**Vise-Grip** Perfect for welding service applications, including spatter removal, wire cutting, drawing wire and removing or installing nozzles or contact tips. Wire cutter has a durable induction-hardened cutting edge. Small hammer is built into the tool, for light maintenance of welding guns. Pliers are spring-loaded, simple to use and have dipped grips for added comfort.

Stk.	Mfr.	Length	Price
<b>619310</b>	1873303	8"	<b>WEB</b>



### Thin Long Nose Pliers

**Xcelite** General wire application pliers. Useful for reaching into tight spaces, and for pick-up and wire forming. Green cushion-grips.

Stk.	Mfr.	Length	Jaw Length	Jaw Width	Type	Price
<b>308818</b>	LN54GVN	5"	1-3/16"	7/16"	Smooth	<b>WEB</b>
<b>308822</b>	LN55VN	5-1/2"	1-11/16"	17/32"	Serrated	<b>WEB</b>



### Long Nose Side Cutting Pliers

**Xcelite** General wire application side cutting pliers. Useful for reaching into tight spaces, and for pick-up and wire forming. Green cushion-grips.

Stk.	Mfr.	Length	Jaw Length	Jaw Width	Type	Price
<b>308823</b>	SN55VN	5-1/2"	1-11/16"	17/32"	Serrated	<b>WEB</b>



### Oval Head Semi-flush Cutter Pliers

**Xcelite** Diagonal-cutting pliers, semi-flush for general purpose work. Green cushion-grips.

Stk.	Mfr.	Length	Jaw Length	Jaw Width	Type	Price
<b>308820</b>	MS54VN	4"	13/32"	7/16"	Standard	<b>WEB</b>



### Bi-Material Slip Joint Pliers

**Stanley** Drop-forged steel, 2-position adjustable joint. Slip-resistant cushion-grip handles.

Stk.	Mfr.	Length	Price
<b>864730</b>	84-055	6"	<b>WEB</b>
<b>864725</b>	84-026	8"	<b>WEB</b>



### ProTouch™ Combination Slip Joint Pliers

**Vise-Grip** Machined jaws for maximum gripping strength. Induction-hardened wire cutter stays sharp longer. Durable, nickel-chromium steel construction. Pro-Touch™ blue grips provide extra comfort and reduced hand fatigue.

**Meets or exceeds ANSI specifications.**

Stk.	Mfr.	Length	Price
<b>619232</b>	2078406	6"	<b>WEB</b>
<b>619233</b>	2078408	8"	<b>WEB</b>
<b>619234</b>	1773637	10"	<b>WEB</b>



### Combination Slip Joint Pliers

**Great Neck** Drop-forged, steel-plated pliers with precision-milled jaws. Ergonomic double-molded grips.

Stk.	Mfr.	Length	Price
<b>281010</b>	SJ6C	6"	<b>WEB</b>
<b>281011</b>	SJ8C	8"	<b>WEB</b>



### Slip Joint Pliers w/Wire Cutting Shear

**CHAN NEL LOCK** Thick nose pliers with shear-type wire cutter. Precision made of fine polished, high carbon drop forged steel. PermaLock® fastener eliminates nut and bolt failures. Channellock Blue® comfort grips. USA made.

Stk.	Mfr.	Length	Price
<b>301496</b>	526	6"	<b>WEB</b>
<b>301497</b>	528	8"	<b>WEB</b>



### 6-Piece Precision Pliers Set

**S-K** Constructed from drop forged steel for a strong and durable tool life. Molded anti-slip grip for comfort and oil resistance, spring-loaded release.

**Includes** diagonal, needle nose, long reach angled, long nose, curved long nose, duckbill and case.

Stk.	Mfr.	Price
<b>810310</b>	7400	<b>WEB</b>



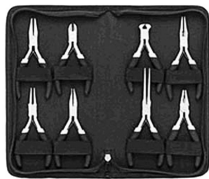
### 6-Piece Mini Pliers Set

**Stanley** Bi-material mini pliers set designed for grasping, bending, cutting. Machined jaws grip securely. Induction hardened cutting edges.

**Includes** 4" diagonal, 4" end cutting, 4" bent nose, 5" long nose, 5" flat nose and 5" groove nose.

Stk.	Mfr.	Price
<b>864740</b>	84-079	<b>WEB</b>





### 8-Piece Mini Pliers

**General** Serrated jaws for outstanding grip. Fully-polished, chrome vanadium steel head. Box joint construction with leaf spring, quick-open jaws. Double-dipped cushion grip.

**Includes** (ea. approx. 5"L) chain nose serrated jaw, round nose smooth jaw, curved chain nose,

long needle nose, oval head diagonal cutter, end cutter, mini Lineman's pliers and case.

Stk.	Mfr.	Price
<b>418970</b>	938	<b>WEB</b>



### Diagonal Cutting Pliers

**Great Neck** For cutting wire close to the surface. Tapered head allows clearance for the user's knuckles. Drop-forged construction with

extra-sharp honed cutting edges. Grooved joints. Ergo double-molded grips.

Stk.	Mfr.	Length	Price
<b>281016</b>	D65C	6-1/2"	<b>WEB</b>
<b>281017</b>	D75C	7-1/2"	<b>WEB</b>



### Box Joint Cutting Pliers

**CHAN NEL LOCK** Hand honed, specially hardened, mated cutting edges. Fine polished high carbon drop-forged steel finish. Channellock Blue® grips. USA made.

Stk.	Mfr.	Length	Price
<b>301482</b>	436	6"	<b>WEB</b>



### Diagonal Cutting Square Joint Pliers

**Crescent** Hardened side cutting edges cuts cleans and remains sharp. For general purpose cutting. Made from heat-treated forged alloy

steel for increased toughness and durability. Finished with polished heads. Red cushion-grip handles.

Stk.	Mfr.	Length	Price
<b>311824</b>	933-6CVN	6"	<b>WEB</b>



### ProTouch™ Diagonal Cutting Pliers

**Vise-Grip** Durable, nickel-chromium steel construction. Induction-hardened cutting edge stays sharp longer. Pro-Touch™ blue, cushion-grip

handles provide extra comfort and reduced hand fatigue.

**Meets or exceeds ANSI specifications.**

Stk.	Mfr.	Length	Price
<b>619225</b>	2078306	6"	<b>WEB</b>
<b>619226</b>	2078307	7"	<b>WEB</b>
<b>619227</b>	2078308	8"	<b>WEB</b>



### Heavy-duty Diagonal Cutting Pliers

**Crescent** For heavy-duty wire cutting. Electronically induction hardened and hand honed, long lasting cutting edges. Made of forged alloy steel for strength and durability. Red cushion-grip handles.

Stk.	Mfr.	Length	Price
<b>311154</b>	542-7CVN	7"	<b>WEB</b>



### Lap Joint Cutting Pliers

**CHAN NEL LOCK** High leverage, heavy-duty construction with perfectly mated cutters. Precision made of fine polished, high carbon drop forged steel heat treated to hold their edge. Channellock Blue® comfort grips.

Stk.	Mfr.	Length	Price
<b>301435</b>	338	8"	<b>WEB</b>



### Journeyman™ High Leverage Diagonal Cutting Pliers

**Klein** For greater cutting and gripping power.

Cuts ACSR, screws, nails and most hardened wire. Hot-riveted joint ensures smooth action and no handle wobble. Short jaws and beveled cutting edge for close wire cutting. Polished and black oxide finish with comfort-grip handles.

Stk.	Mfr.	Length	Price
<b>945245</b>	J2000-28	8-1/8"	<b>WEB</b>



### 7" Diagonal Cutting Pliers

**Stanley** Drop-forged steel blades cut soft and hard wire. Oil-resistant dipped handle for a comfortable grip. Fixed joint design.

Stk.	Mfr.	Length	Price
<b>864750</b>	84-108	7"	<b>WEB</b>



### Long Nose Solid Joint Pliers

**Crescent** Long nose pliers for radio, telephone and electronic work in confined areas.

Electronically induction-hardened pliers with serrated jaws for looping. Made of forged alloy tool steel. Polished head and red non-slip cushion handle grips.

Stk.	Mfr.	Length	Price
<b>311958</b>	1033-6CVNN	6-5/8"	<b>WEB</b>



### Standard Long Nose Side Cutting Pliers

**Klein** Long nose design with induction hardened cutting knives. Knurled jaws for wrapping and looping. Plastic-dipped curved handles.

Stk.	Mfr.	Length	Price
<b>945030</b>	D203-7	7"	<b>WEB</b>



### Bi-Material Long Nose Pliers

**Stanley** Slip-resistant bi-material handle for a comfortable grip. Drop-forged steel is strong

and durable. Fixed joint design used for bending, turning and cutting. Long nose design for use in hard-to-reach areas.

**Meets ANSI specifications.**

Stk.	Mfr.	Length	Price
<b>864727</b>	84-031W	6"	<b>WEB</b>
<b>864728</b>	84-032	8"	<b>WEB</b>



### Long Nose Pliers

**CHAN NEL LOCK**

Cross-hatching design on jaws grabs work tightly. Precision made of fine polished, high-carbon drop-forged steel. Perfectly mated cutters, scientifically treated to hold their edge. Channellock Blue™ comfort grip handles. USA made.

Stk.	Mfr.	Length	Price
<b>301685</b>	3026	6"	<b>WEB</b>
<b>301675</b>	3017	7-1/2"	<b>WEB</b>

### With Side Cutter

Stk.	Mfr.	Length	Price
<b>301426</b>	326	6"	<b>WEB</b>
<b>301418</b>	317	7-1/2"	<b>WEB</b>



### Long Nose Pliers w/Side Cutter

**Vise-Grip**

Machined jaws for maximum gripping strength. Induction-hardened cutting edge stays sharp longer. Durable, nickel-chromium steel construction. ProTouch™ blue cushion grips provide extra comfort and reduced hand fatigue.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
<b>619228</b>	2078216	6"	<b>WEB</b>
<b>619229</b>	2078218	8"	<b>WEB</b>



### XLT™ Long Nose Pliers with Cutter

**CHAN NEL LOCK**

Xtreme Leverage Technology pliers require less force to cut than traditional high leverage designs. The streamlined design is longer for precision handling, while the pipe grip design accommodates many shapes.

Stk.	Mfr.	Length	Price
<b>301422</b>	E318	7-3/4"	<b>WEB</b>



### Z2 Ling Nose Pliers

**Crescent** Cross hatched jaw for gripping and pulling. Professional easy-clean dipped grips. Fastener grip area for turning nuts and bolts. High leverage joint design provides cutting power. Laser hardened cutting edges cut cleanly.

Stk.	Mfr.	Length	Price
<b>311290</b>	Z6546	6"	<b>WEB</b>
<b>311291</b>	Z6548	8"	<b>WEB</b>



### Long Needle Nose Pliers

**Crescent**

Long thin nose has excellent gripping ability for use in tight, narrow places. Made of forged alloy tool steel and individually tested for strength. Polished head with red non-slip cushion grip handles.

Stk.	Mfr.	Length	Price
<b>311530</b>	777-6CVNN	6-1/2"	<b>WEB</b>
<b>311532</b>	777-7CVNN	7"	<b>WEB</b>



### Needle Nose Pliers

**Stanley** Long tempered jaws for working in hard to reach areas. Forged steel construction with rust resistant finish. Double dipped handle for comfort. Meets or exceeds ANSI standards.

Stk.	Mfr.	Length	Price
<b>864745</b>	84-096	5-15/16"	<b>WEB</b>



### Bent Nose Hobby Pliers

**Great Neck**

Drop-forged, heat-treated steel pliers are strong and durable. Polished head. Spring-action vinyl grips.

Stk.	Mfr.	Length	Price
<b>281009</b>	HBN4C	4-1/2"	<b>WEB</b>



### Bent Needle-Nose Pliers

**Proto**

Thin nose allows access into tight areas with 78° angle diamond serrated jaws. Plastisol grips for comfort.

Stk.	Mfr.	Length	Price
<b>901620</b>	J225G	6-1/2"	<b>WEB</b>



### Lineman's/Electrician's Pliers w/Side Cutter

**Great Neck**

Precision drop-forged head with cutter. Ergonomic, double-molded grips.

Stk.	Mfr.	Length	Price
<b>281006</b>	E7C	7"	<b>WEB</b>
<b>281007</b>	E8C	8"	<b>WEB</b>



### ProTouch™ Lineman's/Electrician's Pliers

**Vise-Grip**

Machined jaws for maximum gripping strength. Durable, nickel-chromium steel construction. Induction-hardened cutting edge stays sharp longer. ProTouch™ blue cushion grips provide extra comfort and reduced hand fatigue.

Meets or exceeds ANSI specifications.

Stk.	Mfr.	Length	Price
<b>619230</b>	2078208	8"	<b>WEB</b>
<b>619231</b>	2078209	9-1/2"	<b>WEB</b>



### XLT Round Nose Lineman's Pliers

**CHAN NEL LOCK**

Xtreme Leverage Technology™ positions the rivet closer to the cutting edge so considerably less force is required to cut than other high leverage designs. Laser heat-treated cutting edges. Crosshatch pattern on jaws grips work tightly. Blue comfort grips.

Stk.	Mfr.	Length	Price
<b>301445</b>	367	7-1/2"	<b>WEB</b>
<b>301446</b>	368	8-1/2"	<b>WEB</b>



### Lineman's Pliers w/Side Cutter

**Crescent**

Designed for electrical work. Durable, keen and induction hardened cutting edges made of forged alloy steel with polished heads. Spring tempered, red cushion-grip handles.

Stk.	Mfr.	Length	Price
<b>308742</b>	50-7CVNN	7"	<b>WEB</b>
<b>308809</b>	50-8CVNN	8"	<b>WEB</b>



### High Leverage Side Cutting Pliers

**Klein**

High leverage for greater cutting and gripping power. Induction hardened cutting knives for long life. Hot-riveted joint for smooth action and wobble-free handle. Streamlined design for sure-gripping, cross-hatched knurled jaws. Plastic-dipped handles.

Stk.	Mfr.	Length	Price
<b>945037</b>	D213-9NE	9-1/4"	<b>WEB</b>



### Lineman's Pliers with Crimper & Fish Tape Puller

**CHAN NEL LOCK**

Stripping holes in cutter for 12 AWG wire, another recess creates wire loops fast. Crimper/crusher for insulated and non-insulated terminals. Nose aligns fish tape without scoring while a joint path guides tape without bending, binding or breaking. Perfectly-mated, heat-treated knife/anvil cutter. High-gripping cross-hatch teeth. Non-binding joint. Polished high-carbon, drop-forged steel. Blue comfort grips.

Stk.	Mfr.	Length	Price
<b>301453</b>	369CRFT	9-1/2"	<b>WEB</b>



### End Nipper Pliers

**Great Neck** Precision drop-forged head for flush cutting and pulling. Ergonomic double-molded grips.

Stk.	Mfr.	Length	Price
<b>281008</b>	ENP6C	6"	<b>WEB</b>



### End Cutting Nippers

**Crescent** Width of blades, throat clearance, leverage ratio of handles to blades, size of rivet and angle of cutting edges produce a top quality cutting tool. Precision manufactured from forged alloy tool steel with electronically induction hardened cutting edges.

Stk.	Mfr.	Length	Price
<b>309747</b>	72-7CVN	7"	<b>WEB</b>



### Heavy-duty End Nippers

**CHAN NEL LOCK**

Heavy-duty construction allows for easy cutting of large nails, small spikes and form tie wires. Perfectly-mated cutters. Precision made of high carbon drop-forge steel. Channellock Blue® comfort grips. USA made.

Stk.	Mfr.	Length	Price
<b>301350</b>	148-10	10"	<b>WEB</b>



### Groove Joint Pliers

**Great Neck** For gripping pipes and damaged nuts that may slip with an adjustable wrench or socket. Drop-forged, chrome-plated steel pliers with milled jaws. Multi-grooved to provide jaw opening choices. Double-molded grips.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>281012</b>	W80C	8"	4	1-1/4"	<b>WEB</b>
<b>281013</b>	W120C	12"	6	1-3/4"	<b>WEB</b>



### K9™ Straight Jaw Tongue and Groove Pliers

**Crescent** With 8 jaw positions, these pliers provide more flexibility, a comfortable grip, and greater jaw capacity. Made from alloy steel with a polished finish, they have an aggressive tooth design to increase torque transfer. You'll get a strong grip, even on a 35° angle. The ergonomic handles have professional dipped grips that are comfortable and easy to clean.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>308490</b>	RTZ28	8"	8	1.6"	<b>WEB</b>
<b>308491</b>	RTZ210	10"	8	2.1"	<b>WEB</b>
<b>308492</b>	RTZ212	12"	8	2.6"	<b>WEB</b>

**3-Piece Set Includes** 8", 10" and 12"

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>308493</b>	RTZSET3				<b>WEB</b>



### Straight Jaw Pliers

**CHAN NEL LOCK**

Right angle teeth grip in all directions for maximum bite and minimum wear. Undercut tongue and groove design for no slip jaw action. Reinforced edge minimizes stress breakage. PermaLock® fastener prevents nut and bolt failures. Channellock Blue® comfort grips. USA made.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>301466</b>	424	4-1/2"	3	1/2"	<b>WEB</b>
<b>301470</b>	426	6-1/2"	5	7/8"	<b>WEB</b>
<b>301462</b>	420	9-1/2"	5	1-1/2"	<b>WEB</b>
<b>301474</b>	430	10"	7	2"	<b>WEB</b>
<b>301486</b>	440	12"	7	2-1/4"	<b>WEB</b>
<b>301494</b>	460	16"	8	4-1/4"	<b>WEB</b>

**2-Piece Set Includes** 6-1/2" and 9-1/2".

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>301440</b>	GS-1				<b>WEB</b>

**3-Piece Set Includes** 6-1/2", 9-1/2" and 12".

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>301441</b>	GS-3				<b>WEB</b>



### SpeedGrip™ Tongue and Groove Pliers

**CHAN NEL LOCK**

Precise, laser heat-treated crosshatch teeth for a tight grip in all directions. Features 15 fast and easy, non-slip adjustments and a reamer for easy deburring of pipe.

Stk.	Mfr.	Length	Price
<b>301475</b>	430X	10"	<b>WEB</b>



### Nutbuster™ Tongue and Groove Pliers

**CHAN NEL LOCK**

Safe-T-Stop™ expanded reinforcing rib/jaw design prevents handles from touching, eliminating pinching fingers between the grips. Parrot nose jaws for strength and gripping power. Constructed of specially-treated, drop-forged steel for maximum strength and durability. PermaLock® fastener eliminates nut and bolt failure. Channellock Blue® comfort grip handles. USA made.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>301460</b>	410	9-1/2"	4	1-1/8"	<b>WEB</b>



### V-Jaw Pliers

**CHAN NEL LOCK**

V-shaped jaw with undercut tongue and groove assures no-slip action on round stock and tubing. Right angle teeth grip in all directions for maximum bite, less wear. Reinforced edge minimizes stress breakage. PermaLock® fastener prevents nut and bolt failures. Channellock Blue® comfort grips.

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>301464</b>	422	9-1/2"	5	1-1/2"	<b>WEB</b>



### GrooveLock Pliers

**Vise-Grip**

Quick-adjust Press-N-Slide™ jaw. Multi-groove ratcheting system, ProTouch™ soft grips. Anti-pinch design.

#### V-Jaw

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>619478</b>	2078110	10"	16	1-1/2"	<b>WEB</b>
<b>619479</b>	2078112	12"	19	2"	<b>WEB</b>

#### Straight Jaw

Stk.	Mfr.	Length	Jaw Positions	Jaw Capacity	Price
<b>619464</b>	4935096	10"	16	2-1/4"	<b>WEB</b>
<b>619465</b>	4935098	12"	19	2-1/4"	<b>WEB</b>



#### 8-Piece Pliers Set

**Vise-Grip** Includes 3 GrooveLock pliers (8", 10" & 12"), 10" adjustable wrench, 8" long nose pliers, 8" lineman's pliers, 6" diagonal cutter, 6" slip joint pliers & vinyl pouch.

Stk.	Mfr.	Price
<b>619485</b>	2078712	<b>WEB</b>



#### 4-Piece Pro Choice Pliers Set

**CHAN NEL LOCK** Includes 8" long nose plier, 7" cutting plier, 9-1/2" tongue & groove plier, 8" slip joint plier.

Stk.	Mfr.	Price
<b>301368</b>	PC-2	<b>WEB</b>



#### 8-Piece Tool Roll Pliers Set

**CHAN NEL LOCK** Includes 3 tongue and groove pliers (6-1/2", 9-1/2" and 12"), 8" long nose pliers, 7" cutting pliers, 9-1/2" lineman's pliers, 7-1/2" end cutting pliers/nipper, 8" adjustable wrench and tool pouch.

Stk.	Mfr.	Price
<b>301380</b>	TOOL ROLL NO. 8	<b>WEB</b>



#### The Original Locking Pliers

**Vise-Grip** Straight jaws provide maximum contact on flat, square or hex work. Constructed of high-grade heat treated alloy steel for maximum toughness and durability. Hardened teeth grip any angle. Guarded release trigger quickly unlocks and protects from accidental release. Turn screw adjustment stays put for repetitive use. USA made.

#### Straight Jaw

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>619134</b>	7R	7"	1-1/8"	<b>WEB</b>
<b>619335</b>	10R	10"	1-5/8"	<b>WEB</b>

#### Curved Jaw w/Cutter

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>618997</b>	4WR	4"	15/16"	<b>WEB</b>
<b>619000</b>	5WR	5"	1-1/8"	<b>WEB</b>
<b>619140</b>	7WR	7"	1-1/2"	<b>WEB</b>
<b>619340</b>	10WR	10"	1-7/8"	<b>WEB</b>

#### Curved Jaw

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>619131</b>	5CR	5"	1-1/8"	<b>WEB</b>
<b>619132</b>	7CR	7"	1-5/8"	<b>WEB</b>
<b>619333</b>	10CR	10"	1-7/8"	<b>WEB</b>



#### Locking Pliers

**Crescent** Nickel-plated finish resists rust and corrosion. Maximum jaw opening meets ASME standards. Angled tooth pattern provides secure grip. Precisely machined ferrule for fine jaw adjustment. Non-slip, compound locking grip.

#### Straight Jaw

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>310625</b>	C7SVN	7"	1-5/16"	<b>WEB</b>
<b>310626</b>	C10SVN	10"	1-3/4"	<b>WEB</b>

#### Curved Jaw w/Wire Cutter

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>310627</b>	C5CVN	5"	1-1/4"	<b>WEB</b>
<b>310628</b>	C7CVN	7"	1-5/8"	<b>WEB</b>
<b>310629</b>	C10CVN	10"	1-7/8"	<b>WEB</b>



#### The Original™ Large Jaw Locking Pliers

**Vise-Grip** Heavy-duty jaw grips around work of all shapes. Ideal for plumbers, mechanics, welders and others working with large objects. Constructed of high-grade heat treated alloy steel for maximum toughness and durability. Hardened teeth grip any angle. Guarded release trigger quickly unlocks and protects from accidental release. Turn screw adjustment stays put for repetitive use. USA made.

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>619420</b>	I2LC	12"	3-1/8"	<b>WEB</b>



#### The Original™ Long Nose Locking Pliers w/Wire Cutter

**Vise-Grip** Long straight nose provides easy access in narrow hard-to-reach places. Ideal for precision work. High-grade heat treated alloy steel for maximum toughness and durability. Hardened teeth grip any angle. Guarded release trigger quickly unlocks to protect from accidental release. Turn screw adjustment stays put for repetitive use. USA made.

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>618995</b>	4LN	4"	1-5/8"	<b>WEB</b>
<b>619067</b>	6LN	6"	2-1/4"	<b>WEB</b>
<b>619260</b>	9LN	9"	2-7/8"	<b>WEB</b>



#### The Original™ Locking Pinch-off Tool

**Vise-Grip** Locks on and pinches tubing off instantly. High-grade heat treated alloy steel for durability. Hardened teeth to grip at any angle. Guarded trigger releases quickly and protects from accidental release. Turn screw adjustment stays put for repetitive use. USA made.

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>619476</b>	RR	8"	3-1/8"	<b>WEB</b>





### The Original™ Locking Pliers Sets

**Vise-Grip** High-grade alloy steel, heat-treated for maximum durability. Hardened teeth to grip at any angle. Adjustable turn screw stays put for repetitive use. Guarded trigger releases quickly and protects from accidental release.

**3-Piece Set Includes** 10" locking pliers, 7" straight jaw locking pliers & 6" long nose locking pliers.

Stk.	Mfr.	Price
<b>619204</b>	323S	<b>WEB</b>

**5-Piece Set w/Pouch Includes** 10" straight jaw locking pliers, 2 curved jaw locking pliers (5" and 10"), 7" curved jaw locking pliers with wire cutter and 6" long nose locking pliers.

Stk.	Mfr.	Price
<b>619579</b>	68	<b>WEB</b>

**6-Piece Set w/Pouch Includes** 5" curved jaw, 2 long nose (6", 9"), 2 curved jaw w/wire cutter (4", 10") & 7" straight jaw.

Stk.	Mfr.	Price
<b>619602</b>	641	<b>WEB</b>

**7-Piece Set w/Pouch Includes** 12" large jaw locking pliers, 6" long nose locking pliers, 3 curved jaw locking pliers w/wire cutter (5", 7", 10") & 2 locking wrench w/wire cutter (7", 10").

Stk.	Mfr.	Price
<b>619605</b>	757KB	<b>WEB</b>

**10-Piece Set w/Pouch Includes** 11" locking C-clamp, 9" long nose pliers w/wire cutter, 3 curved jaw pliers w/wire cutter (5", 7", 10"), 3 straight jaw pliers (6", 7", 10") & 2 locking wrench pliers (6", 7").

Stk.	Mfr.	Price
<b>619203</b>	1078KB	<b>WEB</b>

### Locking Pliers Set



**Crescent** Nickel-plated finish resists rust and corrosion. Maximum jaw opening meets ASME standards. Angled tooth pattern provides secure grip. Precisely machined ferrule for fine jaw adjustment. Non-slip, compound locking grip. All pliers have wire cutters.

**3-Piece Includes** 5", 7" & 10" curved jaw pliers.

Stk.	Mfr.	Price
<b>310638</b>	CLP3SETN	<b>WEB</b>

**5-Piece Includes** 5", 7" & 10" curved jaw pliers, plus 6" & 9" long nose pliers.

Stk.	Mfr.	Price
<b>310639</b>	CLP5SETN	<b>WEB</b>



### Locking Sheet Metal Clamp

**Crescent** Rust resistant, nickel-plated finish. Maximum jaw opening meets ASME standards.

Precisely machined ferrule for fine jaw adjustment. Compound action for powerful non-slip locking grip.

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>310636</b>	C8SMVN	8"	3/4"	<b>WEB</b>



### The Original™ Locking Sheet Metal Tool

**Vise-Grip** Locks on with a powerful grip. The tool makes all kinds of bending, forming and crimping jobs easier and faster. Nickel-plated, heat-treated alloy steel clamp has micro-adjustment screw mechanism.

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>619201</b>	8R	8"	3-1/8"	<b>WEB</b>



### Retaining Ring Pliers Set

**CHAN NEL LOCK** Converts from internal to external rings with the switch of a tab.

For external rings 1/4" to 2", internal rings 3/8" to 2".

**Includes** 5 pairs of interchangeable tips (.039, .047, .074 straight and .039, .047 90°).

Stk.	Mfr.	Price
<b>301540</b>	927	<b>WEB</b>



### Snap Ring Pliers

**Lisle** Combination tool for internal and external snap rings that can compress internal rings and expand external rings. Quick-change reversing lever.

**Includes** 4 tip sets (.045" & .060" straight tips, .045" 45° tips & .035" 90° tips).

Stk.	Mfr.	Price
<b>503872</b>	46000	<b>WEB</b>



### Fixed Tip Convertible Snap Ring Plier Set

**GEARWRENCH** Designed for the removal and installation of either internal or external snap rings. Cushion dipped handles for comfort.

**Includes** four straight (.038", .047", .070", .090"), four 45° (.047", .038", .070", .090"), 90° (.038", .047", .070", .090") and case.

Stk.	Mfr.	Price
<b>432795</b>	3495	<b>WEB</b>



### 16-Piece Pliers & Tips Set

**OTC** Steel, heat-treated internal and external retaining ring pliers with tips to handle many applications.

**Includes** internal ring pliers, external ring pliers & 16 tip sets (four .038" 90° tips, four .047" 45° tips, plus eight ea. of .047" & .070" straight tips).

Stk.	Mfr.	Price
<b>693317</b>	7053K	<b>WEB</b>

## SNIPS



### MultiMaster® Snips

**Wiss** Combine the long cut of tinner's snips with the strength of compound action and increase force of the hand by 5 times. Great for making long, fast cuts in paper, plastic, sheet metal, aluminum, vinyl siding, screening and more. Nonslip, serrated jaws cut up to 20 ga. steel. Comfort textured grips.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307016</b>	M300N	3"	10-1/2"	Straight	<b>WEB</b>



### Ergo Aviation Snips

**DEWALT** The Ergo Aviation snip has a reduced handle span, providing lower level of effort required while cutting tough materials. Cutting capacity 18 to 22-ga. sheet metal. Serrated cutting edges prevent materials from slipping during use. Slip-resistant, bi-material cushion grip.

Stk.	Mfr.	Cutting Length	Type	Price
<b>243430</b>	DWHT14673	2.75"	Left	<b>WEB</b>
<b>243431</b>	DWHT14674	2.75"	Right	<b>WEB</b>
<b>243432</b>	DWHT14675	2.75"	Straight	<b>WEB</b>



### Aviation Pattern Snips

**Irwin** Durable hot drop-forged steel blades, precision-ground for strength. Ergonomic

ProTouch™ grips provide control, reduced fatigue. Serrated blades assure smoother cuts without double marked edges. Long-life spring. 1-hand safety latch is accessible from grips. Cuts up to 18 ga. cold-roll steel, 23 ga. stainless steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>619496</b>	2073111	1-5/16"	10"	Left	<b>WEB</b>
<b>619497</b>	2073112	1-5/16"	10"	Right	<b>WEB</b>
<b>619498</b>	2073113	1-5/16"	10"	Straight	<b>WEB</b>



### Metalmaster® Snips

**Wiss** Non-slip serrated jaws are made of wear-resistant molybdenum steel. Handles are

made of high strength steel with non-slip textured grips and hang hole. Self-opening action. Safety latch. Left and right cutting styles cut from tight curves to straight.

**Compound Action** For cutting up to 18 ga. steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307004</b>	M1R	1-3/8"	9-3/4"	Left	<b>WEB</b>
<b>307010</b>	M2R	1-3/8"	9-3/4"	Right	<b>WEB</b>
<b>307015</b>	M3R	1-3/8"	9-3/4"	Straight	<b>WEB</b>

**Bull Dog** For notching or trimming up to 16 ga. heavy steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307020</b>	M5R	7/8"	9-1/4"	Straight	<b>WEB</b>

**Special Series** For cutting up to 18 ga. exotic steel. Hardened steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307003</b>	M1RS1	1-3/8"	9-3/4"	Left	<b>WEB</b>
<b>307005</b>	M2RS1	1-3/8"	9-3/4"	Right	<b>WEB</b>



### Metalmaster® Offset Snips

**Wiss** Offset blades keep hands clear of metal. Non-slip serrated jaw of tough molybdenum

steel withstands strain of cutting 18 ga. low-carbon cold rolled steel and tight curves. Spring-action for fast, effortless feed. High tensile strength steel handle with textured comfort grips. Safety latch.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307021</b>	M6R	1-1/4"	9-1/4"	Straight/Left	<b>WEB</b>
<b>307022</b>	M7R	1-1/4"	9-1/4"	Straight/Right	<b>WEB</b>



### ProTouch™ Offset Snips

**Irwin** Durable hot drop-forged steel blades, precision-ground for strength. Ergonomic

ProTouch™ grips provide control, reduced fatigue. Serrated blades assure smoother cuts without double marked edges. Long-life spring. 1-hand safety latch is accessible from grips. Cuts 18 ga. in cold-rolled steel, 23 ga. in stainless steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>619501</b>	2073211	1-5/16"	9-1/2"	Left	<b>WEB</b>
<b>619502</b>	2073212	1-5/16"	9-1/2"	Right	<b>WEB</b>



### Flat Blade Tinner Snips

**Irwin** Forged of high-quality tool steel. Polished blades are ground for a keen, strong edge that retains its sharpness. Powerful leverage for smooth, even cuts. Cushion-grip handles.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>619100</b>	007	2"	7"	Straight/Wide Curves	<b>WEB</b>
<b>619320</b>	010	2-1/4"	10"	Straight/Wide Curves	<b>WEB</b>
<b>619415</b>	012	3"	12-3/4"	Straight/Wide Curves	<b>WEB</b>



### Duckbill Blade Tinner Snips

**Irwin** Hot drop-forged high-carbon steel duck-bill (thin) blades are precision-ground for hol-low and bow to insure a tight grip on materials and cleaner cuts. Specially heat-treated for uniform blade hardness.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>619491</b>	210	2-1/4"	10"	Straight/Tight Curves	<b>WEB</b>
<b>619493</b>	212	3"	12-3/4"	Straight/Tight Curves	<b>WEB</b>



### Straight Pattern Tinner Snips

**Crescent** Hot drop-forged steel blades, with precision ground cutting edges and an adjustable pivot bolt. Torque control handle rings provide superior comfort, and are sized to accommodate hands with or without gloves.

Stk.	Mfr.	Cutting Length	Overall Length	Price
<b>307060</b>	WDF7S	1.62"	7"	<b>WEB</b>
<b>307061</b>	WDF10S	2"	10"	<b>WEB</b>
<b>307062</b>	WDF12S	2.75"	12"	<b>WEB</b>

## WIRE STRIPPERS, CRIMPERS & CUTTERS



### Multi-purpose Wiring Tool

**CHAN NEL LOCK** Strips wire with no damage to conductor. Scissor-type blades are precision ground and heat-treated to hold their edge.

Cuts machine bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32 & 10-24 without damaging threads. Crimps both insulated and non-insulated wire. Channel-lock Blue® comfort grips. USA made.

Strips AWG wire sizes: 10, 12, 14, 16, 18, 20 & 22.

Stk.	Mfr.	Length	Price
<b>301522</b>	908	8-1/4"	<b>WEB</b>



### Crimping Tool

**CHAN NEL LOCK** Precision-forged high grade carbon tool steel. Designed for crimping of both insulated and non-insulated solderless connections and terminals on 10 to 22 AWG wire. Crimping nest is specially hardened. Cutters in nose are honed and hardened to hold clean-cutting edge over many cuts. Slim nose permits crimping in small spaces. Channellock Blue® comfort grips. USA made.

Crimps AWG wire sizes: 10 to 22.

Stk.	Mfr.	Length	Price
<b>301523</b>	909	9-3/4"	<b>WEB</b>



### Crimping Pliers

**Gardner Bender** Crimp insulated or non-insulated terminals on 10 to 22 AWG wire. Cuts copper and aluminum wire. Tapered nose. Comfort grips.

Crimps AWG wire: 10 to 22.

Stk.	Mfr.	Length	Price
<b>416719</b>	GS-388	8"	<b>WEB</b>



### Dual Purpose Wire Stripper/Cutter

**CHAN-NEL LOCK**

Cuts copper wire only. Precision-ground, heat treated scissor-type blades hold their edge. Lean nose pulls and loops wire ends. Precision wire stripping holes. AWG and mm wire gauge sizes are painted and embossed. Blue comfort grips. USA made.

Strips AWG wire: 10-20.

Stk.	Mfr.	Length	Price
<b>301560</b>	958	6"	<b>WEB</b>



### Adjustable Wire Stripper Cutter

**Klein** Compact tool for stripping insulation. Spring-loaded, self-opening. Hole for looping or bending wire. Adjustable slide stop with set

screw for repeat stripping work. Made in USA.

Strips and cuts 12-26 AWG Solid, 14-28 AWG Stranded.

**Do not use to cut steel wire or bolts.**

Stk.	Mfr.	Length	Price
<b>945117</b>	1004	5"	<b>WEB</b>



### Self-Adjusting Wire Stripper

**Quick-Grip** Crimps wire 10-22 AWG insulated, 10-22 AWG non-insulated and 7-9mm ignition terminals. Swivel knob micro-adjusts for gauges smaller than 20 AWG. Adjustable

stopper controls the length of the core strip. ProTouch™ grips provide maximum comfort and reduced hand fatigue.

Strips/cuts AWG wire: 10-24.

Stk.	Mfr.	Length	Price
<b>619538</b>	2078300	8"	<b>WEB</b>



### Locking Wire Stripper

**Gardner Bender** Strips solid or stranded wire. Precision stripping stations with laser-etched markings. Comfort high-leverage locking handles and power

spring return reduce hand fatigue. Looping hole forms wire to fit on screw terminal.

Strips AWG wire: 10-20.

Stk.	Mfr.	Length	Price
<b>416728</b>	GS-360	6"	<b>WEB</b>



### Multi-Tool Stripper/Crimper/Cutter

**Irwin** Induction hardened cutting stay-sharp edge. Pliers-style nose allows pulling and looping in wire. Cuts bolts to size and leaves perfect lead thread. Crimps insulated, non-insulated terminals. ProTouch™ comfort grips reduce fatigue.

Strips/cuts AWG wire: 10-22.

**Meets or exceeds ANSI standards.**

Stk.	Mfr.	Length	Price
<b>619484</b>	2078309	8-1/2"	<b>WEB</b>



### Wire Stripper/Crimper/Cutter

**Irwin** Wire cutting jaw with scissor-action spring provides quick and easy wire cutting

with 6 stripping stations. Crimps insulated and non-insulated terminals. Pliers-style nose allows pulling and looping of wire. ProTouch™ grips provide maximum comfort and reduced hand fatigue. Quick release lock protects blade.

Strips AWG wire: 10-20.

Stk.	Mfr.	Length	Price
<b>619499</b>	2078317	7"	<b>WEB</b>



### Multi-Tool Stripper/Cutter/Crimper

**Gardner Bender** Pliers nose for pulling and looping wire. Curved cutting blade. Comfort

high-leverage handles. Crimps insulated and non-insulated terminals and coaxial F connectors. Precision-ground stripping stations prevent nicking conductor. Cuts, rethreads bolt sizes 4-40, 5-40, 6-32, 8-32, 10-24 and 10-32.

Strips/cuts AWG wire: 10-22.

Stk.	Mfr.	Length	Price
<b>416729</b>	GS-370	8-1/2"	<b>WEB</b>



### Multi-purpose Electrician's Tool

**Klein** Cuts, crimps, and strips solid and stranded wire and shears bolts, and offers 2

cutting blades for convenience. The plastic-covered handles are cushioned for added comfort. Shears bolts; crimps 7-8 mm terminals, lugs and splices.

Strips/cuts AWG solid wire: 8-22 and AWG stranded wire: 10-26.

**Grips do not protect against electric shock.**

Stk.	Mfr.	Length	Price
<b>945115</b>	1001	8-1/2"	<b>WEB</b>



### Klein-Kurve® Dual NM Cable Stripper Cutter

**Klein** 12/2 and 14/2 stripping slots quickly remove outer jacket of Type NM-B non-metallic-sheathed cable. Cleanly shears 6-32 and 8-32 screws. Strips, cuts and loops 12 and 14

AWG solid wire. Curved handles & narrow nose help reach into confined areas. Strong-gripping serrated nose easily bends, shapes and pulls wire. Coil spring provides fast self-opening action. Comfort grips.

Strips AWG wire: 12 & 14.

Stk.	Mfr.	Length	Price
<b>945151</b>	K1412	7-3/4"	<b>WEB</b>



### 6-in-1 Stripper Cutter

**Klein** Shears bolts clean, measures stud sizes, cuts and strips wire, gauges wire sizes and crimps insulated terminals. Cuts bolt sizes 10-24, 10-32, 8-32, 6-32 and 4-40. Plastic covered handles for comfort.

Strips AWG wire: 10 to 22 (4.0 to .34mm<sup>2</sup>).

Stk.	Mfr.	Length	Price
<b>945114</b>	1000	7-1/2"	<b>WEB</b>



### 6-in-1 Combination Wire Pliers

**Milwaukee** 6-in-1 pliers feature a forged dual head for wire stripping and needle nose functionality. A reamer is integrated into the pliers head for smoothing out

rough edges of metal pipe and curved blade allows for clean cuts through larger wire sizes. Thread cut #6 and #8 bolts. Swing-lock design for fast 1-handed operation.

Strips AWG solid wire: 8-18 and AWG stranded wire: 10-20

Stk.	Mfr.	Length	Price
<b>577496</b>	48-22-3079	7-3/4"	<b>WEB</b>



### Wire Stripper/Cutters

**Klein** Cuts, strips, loops and gauges stranded wire. The precision-ground holes cleanly cut wire and strip insulation. The narrow nose fits into tight places. Shear-type cutting blades, textured handles, easy-read wire gauge markings. Spring-loaded action for self-opening. Black-oxide finish resists corrosion. Made in USA.

loaded action for self-opening. Black-oxide finish resists corrosion. Made in USA.

**Do not use for cutting steel wire or bolts.**

**Stranded Wire** Strips and cuts 16-26 AWG.

Stk.	Mfr.	Length	Price
<b>945315</b>	11046	6-1/4"	<b>WEB</b>

**Solid Wire** Strips and cuts 10-18 AWG.

Stk.	Mfr.	Length	Price
<b>945316</b>	11045	6-1/4"	<b>WEB</b>



### Cable Ripper and Wire Gauge

**Gardner Bender** The nickel-plated finish offers corrosion-resistant durability. Handy design slits outer covering of all sizes (both old and new) of 12/2 and 14/2 non-metallic (type NM) sheathed cable. Wire gauge etched into the 4" handle for quick reference when stripping sheathing.

Stk.	Mfr.	Length	Price
<b>416714</b>	CR-100	4"	<b>WEB</b>



### Heavy-duty Cable Cutters

**CHAN NEL LOCK**

Designed for maximum cutting power with minimum effort. Features broader

handles and closely-mated cutters for better leverage and extra comfort. Induction-hardened cutting edges are made from special grade carbon steel to permit clean, accurate cuts with minimum cable distortion. Channellock Blue® plastic cushion-grips.

Cuts up to 4/0 aluminum, up to 2/0 soft copper. Not for steel or ACSR cable.

Stk.	Mfr.	Length	Price
<b>301525</b>	911	9-1/2"	<b>WEB</b>



### High-leverage Cable Cutter

**Klein** Special high-leverage design gives this

cutter amazing cutting capability for its size. Ideal for working in confined spaces. Tough, comfortable, red plastic-dipped handles.

Cuts up to 4/0 aluminum, up to 2/0 soft copper. Not for steel or ACSR cable.

Stk.	Mfr.	Length	Price
<b>945350</b>	63050	9-1/2"	<b>WEB</b>



### Bolt Cutters

**J E T**

Heavy-duty cutters tackle concrete reinforcing rods (rebar), medium tensile and soft bolts, rods, rivets, bars and chains. High-carbon, alloy tool steel jaws. Maximum hardness of material to be cut is Rockwell C-40. Steel angled handles with rubber hand grips for maximum leverage.

**Exceeds Specification No. GGG-C 740d Type II. Capacity listed for round stock.**

Stk.	Mfr.	Capacity	Length	Price
<b>485999</b>	BC-24BC	3/8"	24"	<b>WEB</b>
<b>486000</b>	BC-30BC	1/2"	30"	<b>WEB</b>
<b>486001</b>	BC-36BC	5/8"	36"	<b>WEB</b>

**Center Cut**

Stk.	Mfr.	Capacity	Length	Price
<b>485998</b>	BC-18BC	5/16"	18"	<b>WEB</b>

## INSPECTION & RETRIEVING TOOLS



### Precision Tweezers

**General** Fine quality tweezers with a strong point level.

Stk.	Mfr.	Length	Price
<b>418762</b>	401AA	5"	<b>WEB</b>



### Micro Fine Tweezers

**Erem** For handling very fine wires and miniature components. Stainless anti-acid, anti-magnetic.

Stk.	Mfr.	Item	Length	Price
<b>308020</b>	EROP5SA	Straight Point	4-1/2"	<b>WEB</b>
<b>308021</b>	EROP7SA	Curved Point	4-1/2"	<b>WEB</b>



### 4-Piece Tweezer Set

**Excel** This 4-piece tweezer set includes a variety of tools for easily picking up electronic parts, jewelry, micro electronics, components of model-building projects and more. Ideal for many classrooms

such as arts & crafts, woodworking, STEM, Makerspace, Fab Lab and more. Included vinyl pouch keeps tweezer set safely stored for the next use.

**Includes** self closing tweezer, slanted tweezer, pointed tweezer and flat tweezer.

Stk.	Mfr.	Price
<b>391540</b>	30416	<b>WEB</b>



### 7-Piece Tweezers Set

**Project Pro** Chrome finished carbon steel for durability; used for picking, gripping and handling of very small objects and more.

Stk.	Mfr.	Price
<b>976455</b>	1499	<b>WEB</b>



### Telescoping Alligator Clip

**General** Features a pocket clip for easy carrying. Nickel-plated body prevents rust. Jaw capacity is .170".

Stk.	Mfr.	Length	Price
<b>418760</b>	400	5-1/2" - 24"	<b>WEB</b>

## TOOL BELTS & WORK APRONS



### 11-Pocket Tool Belt

**Bucket Boss** 600 denier poly ripstop belt can be adjusted up to a 52" waist. Barrel-bottom reinforced pouches can be detached or repositioned. Includes steel hammer holder.

Stk.	Mfr.	Price
<b>683295</b>	50250	<b>WEB</b>



### Carpenter's Apron

**Bucket Boss** 11-pocket suede apron is made of a heavy-duty leather for durability and long life. Plenty of pockets for holding small, medium and large hand tools. Includes a tape measure pocket that can also hold nails or small parts. Waist belt may be either metal or snap-lock plastic and is adjustable for securing the belt comfortably.

Stk.	Mfr.	Price
<b>683307</b>	55149	<b>WEB</b>





### 13-Pocket Duckwear Apron

**Bucket Boss** Constructed of 18 oz. Duckwear canvas. 13 pockets with bar tacked seams for added durability. Fits waists up to 52". Quick release buckle and 2 web hammer loops. 23"W x 9.5"H.

Stk.	Mfr.	Price
<b>683350</b>	80100	<b>WEB</b>



### Leather Hammer Holder

**Bucket Boss** Heavy-duty saddle leather with riveted stress points. Fits up to 3"W work belt. 8"L x 5"W x 3"H.

Stk.	Mfr.	Price
<b>683300</b>	55128	<b>WEB</b>



### Cotton Web Work Belt

**Bucket Boss** 2" wide belt fits most tool pouches. Comfortable, cotton webbing fits up to 56" waist.

Stk.	Mfr.	Price
<b>683305</b>	55147	<b>WEB</b>



### Lightweight Tool Belt

**Klein** Leather belt holds a lightweight tool pouch. Fits 33" to 45" waist. 1"W.

Stk.	Mfr.	Price
<b>945277</b>	5201	<b>WEB</b>

## TOOL KITS



### Bricklayer's Apprentice Tool Kit

**Marshalltown** With these tools, students can learn the art of bricklaying just like the pros. USA made.

**Includes** canvas tool bag, 11" London trowel, 250' line w/winder, 6" x 2-3/4" pointing trowel, 5" x 2" margin trowel, 1/2" x 5/8" brick jointer, wood line blocks, masonry brush, joint raker & Marshalltown "Tips" book.

Stk.	Mfr.	Price
<b>528340</b>	BTK1	<b>WEB</b>



### Concrete Apprentice Tool Kit

**Marshalltown** All the tools necessary to teach the skills of the trade. USA made.

**Includes** canvas tool bag, 14" x 4" finishing trowel, 15" x 2" margin trowel, 16" x 3-1/8" magnesium float, 12" x 5" wood float, 6" x 3"

concrete groover, 1/2" groove, 6" x 3" curved end edger, 3/8" radius & Marshalltown "Tips" book.

Stk.	Mfr.	Price
<b>528342</b>	CTK2	<b>WEB</b>



### Drywall Apprentice Tool Kit

**Marshalltown** Every tool you'll need to teach basic drywalling. USA made.

**Includes** canvas tool bag, 12" stainless steel mud pan, 15" drywall saw, adjustable utility knife, 9-3/8" x 3-1/4" hand sander, 10" x 3" blue steel taping knife, 6" joint knife, 6" RockWarrior™ utility saw & Marshalltown "Tips" book.

Stk.	Mfr.	Price
<b>528344</b>	DTK3	<b>WEB</b>



### Canvas Tool Bag

**Marshalltown** Heavy-duty canvas bag with lock stitched seams and a waterproof Masonite bottom. Handles, billets and buckles are riveted on a 12 ga. steel frame. Inside pocket. USA made.

Stk.	Mfr.	Size	Price
<b>528566</b>	831	20"W x 15"D	<b>WEB</b>



### Nylon Tool Bag

**Marshalltown** 14 multi-purpose inside pockets, 6 outside pockets and 4 outside web pockets. Double-layered, water-resistant nylon with reinforced bottom panel. Padded handles and adjustable shoulder strap.

Stk.	Mfr.	Size	Price
<b>528558</b>	NB203	24"W x 10-1/2"D	<b>WEB</b>



### Carpenter's Starter Tool Set

**Midwest** Basic tools for the beginning carpenter, supplied in a tool box. 1 each of the following items is included with this set.

Stk.	Mfr.	Price
<b>528360</b>	MWCS-1	<b>WEB</b>

#### Complete Set of Tools for MWCSS-1

<b>Ames</b>	<b>Linzer</b>	
1 Nail Puller, 11"	1 Brush, Varnish, Black China, 2"	1 Chisel, 3 pc.
<b>Bucket Boss</b>	1 Brush, Varnish, Black China, 2"	1 Hammer, Curve Claw, 16 oz.
1 Carpenter's Tool Belt	<b>Master Lock</b>	1 Knife, Utility
<b>Great Neck</b>	1 Padlock	1 Level, 24"
1 Utility Bar, 15"	<b>Nicholson</b>	1 Nail Set
<b>Irwin</b>	1 Rasp, Wood, 4-Way	1 Saw, Coping
1 Chalk Reel, 100'	1 Saw, Hacksaw	1 Scratch Awl
1 Chalk, Red, 8 oz.	<b>Pacific Art</b>	1 Screwdriver, 3" x 3/16"
1 Drill Bit Set, 13 Pc.	1 Architect's Scale	1 Screwdriver, 4" x 1/4"
1 Pliers, Slip Joint, 6"	<b>Proto</b>	1 Screwdriver, 6" x 3/16"
1 Saw, Handsaw, 8 pt.	1 Carpenter's Box, Metal	1 Screwdriver, 6" x 5/16"
<b>Johnson</b>	<b>Sellstrom</b>	1 Square
1 Rafter Square, 7"	2 Glasses, Safety, Black	1 Square, Comb.
1 Stair Gauge Set	<b>Stanley</b>	1 Steel Tape, 100'
	1 Block Plane	



### Electronics Tool Box Kit

**Midwest** Outfit your 21st-century makerspace, library or shop with this simple and affordable Electronics Tool Box Kit. This basic set of quality tools will provide your students with a practical hands-on experience in building their projects.

Stk.	Mfr.	Price
<b>558357</b>	MW-ETB	<b>WEB</b>

#### Complete Set of Tools for MW-ETB

<b>Alpha Metals</b> I Solder, 60-40 Rosin, 1/2 lb. <b>DeWalt</b> I Plastic Tool Box, 26" I Screwdriver, Comb., 4 pc. <b>Eklind</b> I Wrench, Hex Key, Frac./Met., 16 pc. <b>Elenco</b> I Magnifier, Extra Hand I Solder Wick, 5' <b>Forney</b> I Sal Ammoniac Bar, 4 oz. <b>Gardner Bender</b> I Digital Multi-meter	<b>General</b> I Stripper/Crimper, 8-1/2" I Rule, Stainless Steel, 12" I Screwdriver, Precision, 7 pc. <b>Great Neck</b> I Wrench, Adj., 8" <b>Irwin</b> I Pliers, Long Nose, 6" I Pliers, Slip-Joint, 8" <b>Lufkin</b> I Rule, Tape, 1" x 25' <b>Nicholson</b> I Saw, Hacksaw <b>Sellstrom</b> I Glasses, Safety, Clear	<b>Stanley</b> I Hammer, Fiberglass, 16 oz. I Knife, Utility I Pliers, Mini, 6 pc. I Screwdriver, Multi-bit, 10 pc. <b>Steiner</b> I Apron, Shop, 29" x 40" <b>Weller</b> I Desoldering Bulb I Soldering Station <b>Wiss</b> I Easy Snip Utility Shear, 9"
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### Woodworking Tool Box Kit

**Midwest** Woodworking tool set supplied in a tool box. I each of the following items is included with this set.

Stk.	Mfr.	Price
<b>558356</b>	MW-WTB	<b>WEB</b>

#### Complete Set of Tools for MW-WTB

<b>Bucket Boss</b> I Apron, Waist, 13-Pocket <b>CS Osborne</b> I Mallet, Black Rubber, 25 oz. <b>DeWalt</b> I Plastic Tool Box, 26" I Screwdriver, Comb., 4 pc. <b>General</b> I Dowling Jig Kit I Marking Gauge I Pencil Compass <b>Irwin</b> I Drill Bit Set, 13 pc. I Saw, Pull, Double Edge <b>Lufkin</b> I Rule, Tape, 1" x 25'	<b>Marples</b> I Chisel, Wood, 1" <b>Nicholson</b> I File Handle, #1 I Rasp, Half Rnd. Bastard, 10" <b>Norton</b> I Sanding, Block I Sandpaper, 100G, 6 pk. I Sandpaper, 150G, 6 pk. <b>Quick-Grip</b> I Bar Clamp, 12" I Clamp, Spring, 1" I Clamp, Spring, 2" <b>Sellstrom</b> I Glasses, Safety, Clear	<b>Stanley</b> I Hammer, Fiberglass, 16 oz. I Knife, Utility I Level, Torpedo, 9" I Nail Set, 3 pc. I Saw, Coping, 4-3/4" I Saw, Handsaw, 15" I Screwdriver, Multi-bit, 10 pc. I Square, Comb., 12" I Surform, Pocket <b>Steiner</b> I Apron, Shop, 29" x 40" <b>Wiss</b> I Easy Snip Utility Shear, 9"
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### General Tool Box Kit

**Midwest** Outfit your 21st-century maker-space, library or shop with this simple and affordable General Tool Box Kit. This basic set of quality tools will provide your students with a practical hands-on experience in building their projects.

Stk.	Mfr.	Price
<b>558355</b>	MW-GTB	<b>WEB</b>

#### Complete Set of Tools for MW-GTB

<b>CS Osborne</b> I Mallet, Black Rubber, 25 oz. <b>DeWalt</b> I Plastic Tool Box, 26" I Screwdriver, Comb., 4 pc. <b>Eklind</b> I Wrench, Hex Key, Frac./Met., 16 pc. <b>Elenco</b> I Magnifier, Extra Hand <b>Excel</b> I Knife, #1 <b>Gardner Bender</b> I Stripper/Crimper, 8-1/2" <b>General</b> I Caliper, Vernier, Inch/Metric I Pencil Compass I Rule, Stainless Steel, 12"	I Screwdriver, Precision, 7 pc. <b>Great Neck</b> I Wrench, Adj., 8" <b>Irwin</b> I Aviation Snips, Left I Drill Bit Set, 13 pc. I Pliers, Lineman's, 8" I Pliers, Slip-Joint, 8" I Saw, Pull, Double Edge <b>Lufkin</b> I Rule, Tape, 1" x 25' <b>Nicholson</b> I Saw, Hacksaw <b>Quick-Grip</b> I Clamp, Spring, 1" I Clamp, Spring, 2" <b>Sellstrom</b> I Glasses, Safety, Clear	<b>Stanley</b> I Hammer, Fiberglass, 16 oz. I Knife, Utility I Level, Torpedo, 9" I Screwdriver, Multi-bit, 10 pc. <b>Steiner</b> I Apron, Shop, 29" x 40" <b>Surebonder</b> I Glue Gun, Mini, 5/16" I Glue Sticks, 5/16" x 4", 12 pk. <b>Vise-Grip</b> I Pliers, Locking, Curve Jaw <b>Weller</b> I Soldering Kit <b>Wiss</b> I Easy Snip Utility Shear, 9"
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### HVAC Tool Kit

**Midwest** This basic set of professional quality tools will provide your students with hands-on experience in maintaining, installing and repairing HVAC systems.

Stk.	Mfr.	Price
<b>558354</b>	MW-HVAC	<b>WEB</b>

#### Complete Set of Tools for MW-HVAC

<b>Channellock</b> I Pliers, Lap Joint, 8" I Pliers, Tongue/Groove, Straight Jaw, 12" <b>Crescent</b> I Wrench, Adjustable, 10" I Wrench, Adjustable, 6" <b>Eklind</b> I Wrench, Hex Key, 15 pc. <b>Elenco</b> I Meter, Digital AC Clamp <b>General</b> I Mirror, Inspection, 10-1/2"-15"	<b>Irwin</b> I Tool Bag, 16" <b>Klein</b> I Nut Driver, 2-Piece I Pliers, Side Cutting, 9-1/4" I Screwdriver, 11-in-1 I Tester, Voltage, Dual Range I Thermometer, Digital I Wire Stripper/Cutter <b>Wrench, Square HVAC</b> Ratcheting <b>Lutz</b> I Knife, Utility, Blue	<b>Ridgid</b> I Cutter, Tubing, 3/16"-1-1/8" I Cutter, Tubing, Close Quarters, 1/8"-5/8" I Pipe Flaring Tool I Swagging Set, 4-Piece <b>Robinair</b> I Gauge, Aluminum, 2-Way <b>Sellstrom</b> I Glasses, Safety, Clear <b>Ullman</b> I Pick-up Tool, Lighted <b>Vise-Grip</b> I Pliers, Long Nose, Cutter, 6"
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### Machinists' Tool Set

**Midwest** Outfit your shop with this affordable Machinists' Tool Box Kit. This basic set of quality tools is organized in a 4-drawer steel tool chest with top storage access.

Stk.	Mfr.	Price
<b>558235</b>	MW-MACHINIST	<b>WEB</b>

#### Complete Set of Tools for MW-Machinist

<b>Chicago Brand</b> I Caliper, Digital, 6" I Gauge, Center I Machinist's Micrometer, 3 pc. <b>Eklind</b> I Wrench, Hex Key, Ball, 22 pc. <b>Empire</b> I Gauge, Feeler	<b>Flexbar</b> I Travel Dial Indicator, 1" <b>GearWrench</b> I Tool Chest <b>Great Neck</b> I Pliers, Slip Joint, 6" I Wrench, Adj., 10", 10 pc. <b>Nicholson</b> I File, 3 Sq. Bastard, 10"	I File, Flat Bastard, 10" I File, Half Rnd. Bastard, 10" I File, Hand Bastard, 10" I File, Rnd. Bastard, 10" I File, Sq. Bastard, 10" <b>Production Tool</b> I Tool Bit, Brazed, CT, 3/8" I Tool Bit, Square, HSS, 1/2"
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## DRYWALL, CEMENT & BRICKLAYING



### Drywall Hammer

**Marshalltown** Drop-forged head, fully polished milled face. Checkered head design to dimple drywall. Wedge-shaped steel blade is notched underneath to double as a nail puller. Fired-hickory handle.

Stk.	Mfr.	Weight	Length	Price
<b>528557</b>	DH764	12 oz.	13-1/4"	<b>WEB</b>



### Drywall Circle Cutter

**Marshalltown** Cut sharp, clean circles up to 16" dia. with only 1 hand. Hardened cutter wheel and center pin remain sharp.

Stk.	Mfr.	Size	Price
<b>528555</b>	CC766	8-1/2"L	<b>WEB</b>



### Pail Opener

**Linzer** Open plastic pails and buckets without damaging seal. Use to open joint compound, driveway sealer, and bulk paint containers. Rugged polypropylene construction. No moving parts. Also use as a pail hook.

Stk.	Mfr.	Price
<b>482254</b>	5425	<b>WEB</b>



### Quick-Mix® Mixer

**Marshalltown** Ideal for stirring and blending paint, drywall mud and acoustic quickly and lump free. Blade is securely welded to a 3/8" hex shaft.

Stk.	Mfr.	Length	Price
<b>528565</b>	819	28"	<b>WEB</b>



### Plastic Mud Pan

**Marshalltown** For carrying joint compound. Durable plastic pan with metal scraping bar. Resists chemicals and temperature changes. USA made. Pan is 4.5" x 13.5" at top, 3" x 12" at bottom, 3.5"H.

Stk.	Mfr.	Size	Price
<b>528570</b>	914	12"L x 3-1/2"H	<b>WEB</b>



### Stainless Steel Mud Pan

**Marshalltown** For carrying joint compound. Tapered ends and sides with mud-tight seams. All sides are sheared to clean knives easily. USA made. Pan is 4-1/2" x 14" at top, 3" x 12" at bottom, 3-1/2"H.

Stk.	Mfr.	Size	Price
<b>528560</b>	812	12"L x 3-1/2"H	<b>WEB</b>



### Swivel Pole Sander

**Marshalltown** For sanding drywall joints. Made of reinforced die-cast aluminum bonded to a foam rubber pad. Fast, positive clamps lock securely to hold the sandpaper in place.

**Handle sold separately.**

Stk.	Mfr.	Size	Price
<b>528376</b>	26BH	9-1/2" x 3-1/4"	<b>WEB</b>

### Swivel Pole Sander Hardwood Handle

**Marshalltown** For Swivel Pole Sander Stk. **528376**.

Stk.	Mfr.	Size	Price
<b>528378</b>	28	4'L	<b>WEB</b>



### Drywall Hand Sander

**Marshalltown** Aluminum backing plate bonded to foam pad. Lightweight. 1-piece handle clamp to secure or easily change pre-cut or 1/2 sheet standard sandpaper. For sanding drywall joints. USA made.

Stk.	Mfr.	Size	Price
<b>528370</b>	20D	9-3/8" x 3-1/4"	<b>WEB</b>



### Blue Steel Taping Knives

**Marshalltown** Premium tempered blue steel blade with aluminum backing plate and tapered blade for corner work. Resilient DuraSoft® handle provides a soft feel, reduces fatigue and offers excellent durability. USA made.

Stk.	Mfr.	Blade	Price
<b>528596</b>	3510D	10"	<b>WEB</b>
<b>528597</b>	3512D	12"	<b>WEB</b>
<b>528598</b>	3514D	14"	<b>WEB</b>



### Pro-Style Blue Steel Taping Knives

**Marshalltown** Flexible blue spring steel blade, tapered blade for corner work. Lightweight yet very durable. Plastic contoured handle.

Stk.	Mfr.	Blade	Price
<b>528338</b>	BSTK10P	10"	<b>WEB</b>
<b>528339</b>	BSTK12P	12"	<b>WEB</b>



### Hawk

**Marshalltown** For plastering, masonry and drywall work. Heavy-gauge, hard-rolled aluminum plate with rounded corners for safety. 3-5/8" flange with extended hub threaded for the handle. DuraSoft® handle and sponge rubber callus preventer. USA made.

Stk.	Mfr.	Plate	Price
<b>528360</b>	ID	13" x 13"	<b>WEB</b>



### Drywall Corner Trowel

**Marshalltown** Lightweight tool made from 1-piece flexible stainless steel with aluminum mounting. Blade set at a 103° angle to flex and form a perfect 90° corner. Use to embed tape and smooth out final layer of mud to taped corners. Premium DuraSoft® handle. USA made.

Stk.	Mfr.	Blade	Price
<b>528375</b>	23D	4" x 5" (ea. side)	<b>WEB</b>



### Flexible Taping Knife

**Master Painter** High carbon steel blade is rust resistant and extends through the sturdy solvent resistant handle.

Stk.	Mfr.	Blade	Price
<b>943389</b>	4834TV	4"	<b>WEB</b>
<b>943390</b>	4838TV	6"	<b>WEB</b>



### Flex Joint Knife

**Marshalltown** Flex joint knife with soft grip handle for brick, concrete, drywall, EIFS, flooring, paint, plaster stucco, tile and wallpaper.

Stk.	Mfr.	Blade	Price
<a href="#">528355</a>	FJK4HH	4"	<b>WEB</b>
<a href="#">528356</a>	FJK6HH	6"	<b>WEB</b>



### London Pattern Brick Trowel

**Marshalltown** Blade is taper-ground and polished for correct flexibility and feel. Precision-forged from 1-piece high-quality carbon steel for strong, long-lasting impact area. 1-1/4" wooden handle rise is set for correct hang and balance. USA made.

Stk.	Mfr.	Blade	Price
<a href="#">528386</a>	33-10	10" x 4-5/8"	<b>WEB</b>
<a href="#">528388</a>	33-11	11" x 4-7/8"	<b>WEB</b>



### Concrete Trowels

**Marshalltown** Highest grade carbon spring steel blade cross-ground to hold its shape.

Aluminum alloy mounting fully heat treated for strength, then polished and machine finished. Diamond shank perfectly fits hardwood handle. Hardened steel rivets are properly sized and computer fit for sturdy mounting. USA made.

Stk.	Mfr.	Blade	Price
<a href="#">528440</a>	MX62	12" x 4"	<b>WEB</b>
<a href="#">528443</a>	MX64	14" x 4"	<b>WEB</b>
<a href="#">528447</a>	MX66	16" x 4"	<b>WEB</b>



### Margin Trowel

**Marshalltown** Fully-ground and polished tempered steel blade. Hardwood handle. USA made.

Stk.	Mfr.	Blade	Price
<a href="#">528480</a>	97	5" x 2"	<b>WEB</b>



### Flexible Pointing Trowel

**Marshalltown** Blade is forged from a single piece of high carbon steel. Hardwood handle offers integral finger guard to protect against calluses, heat and cold. USA made.

Stk.	Mfr.	Blade	Price
<a href="#">528408</a>	45-5	5" x 2-1/2"	<b>WEB</b>



### Magnesium Float

**Marshalltown** Extruded from very hard, durable, lightweight magnesium. Positioned for perfect balance, the wooden handle is secured with torque pad screws that will not back out. For use with air entrained concrete. USA made.

Stk.	Mfr.	Size	Price
<a href="#">528496</a>	145	16" x 3-1/8"	<b>WEB</b>



### Magnesium Bull Float

**Marshalltown** Made from the finest extruded magnesium. Lightweight, long-wearing and balanced for exacting finishes. Float has square ends and includes bracket assembly. USA made.

Stk.	Mfr.	Size	Price
<a href="#">528404</a>	B42	42" x 8"	<b>WEB</b>

### Aluminum Handle

Stk.	Mfr.	Size	Price
<a href="#">528350</a>	B5-72	6'L	<b>WEB</b>



### Rubber Float

**Marshalltown** Fine 5/8" thick red rubber pad has a specially-bonded backing plate for long wear. Use on rough and/or textured finishes. USA made.

Stk.	Mfr.	Size	Price
<a href="#">528400</a>	38	9" x 4" pad	<b>WEB</b>



### Bricklayer's Hammers

**Marshalltown** Forged 1-piece high grade steel. Balanced and perfectly fitted hickory handle. For breaking, trimming and cleaning brick. USA made.

Stk.	Mfr.	Weight	Length	Price
<a href="#">528536</a>	600	16 oz.	11"	<b>WEB</b>
<a href="#">528537</a>	601	24 oz.	11-1/2"	<b>WEB</b>



### Leather Knee Pads

**Bucket Boss** Top-grain leather construction with reinforced rivets. Adjustable straps with steel buckle. Thick leather cap has absorbent felt lining.

Stk.	Mfr.	Qty.	Price
<a href="#">683360</a>	92013	2	<b>WEB</b>



### Joint Raker

**Marshalltown** 1-3/4" skate wheels with strong, aluminum handle. Easy-grip handle is contoured to fit the hand and is squared off at the end. Hardened nail adjustable to proper depth. USA made.

Stk.	Mfr.	Size	Price
<a href="#">528470</a>	89	8-1/2"L x 3"W	<b>WEB</b>



### Brick Jointers

**Marshalltown** High carbon steel with a convex face for striking concave joints. Concave joint helps conceal small irregularities in laying and emphasizes the pattern. Each end makes a different size joint. 10-1/2"L. USA made.

Stk.	Mfr.	Size	Price
<a href="#">528464</a>	83	3/8" & 1/2" joints	<b>WEB</b>
<a href="#">528460</a>	80	1/2" & 5/8" joints	<b>WEB</b>





### Tuck Pointing Trowels

**Marshalltown** One-piece, high-quality forged carbon steel. Tapered for sturdiness and flexibility. High shank and lift give plenty of hand room. Hardwood handle with metal ferrule. USA made.

Stk.	Mfr.	Size	Price
<b>528530</b>	503	1/4" x 6-1/2"	<b>WEB</b>
<b>528532</b>	505	3/8" x 6-3/4"	<b>WEB</b>
<b>528533</b>	506	1/2" x 6-3/4"	<b>WEB</b>



### Heavy-duty Combination Slicker

**Marshalltown** Used to make flat mortar joints. High carbon steel, hardened and polished. 10"L. USA made.

Stk.	Mfr.	Size	Price
<b>528534</b>	560	3/8" x 1/2" joints	<b>WEB</b>
<b>528535</b>	562	1/2" x 5/8" joints	<b>WEB</b>



### Curved-end Edger

**Marshalltown** Made of heavy gauge stainless steel for long life. Constructed with sturdy steel mounting and Durasoft handle. 6" x 4". Lip 5/8". USA made.

Stk.	Mfr.	Size	Price
<b>528490</b>	138SSD	1/2" Radius	<b>WEB</b>



### Universal Groover

**Marshalltown** Stainless steel cement groover with sturdy steel mounting and Durasoft handle. Properly shaped bit and leading edge cut a sharp groove. 6" x 3". USA made.

Stk.	Mfr.	Size	Price
<b>528512</b>	180D	1/2" x 1/2" Groove	<b>WEB</b>



### Bricklayer's Chisel

**Marshalltown** For cutting, trimming or cleaning bricks. Forged from the highest-quality tool steel, hardened, tempered and well-balanced. USA made.

Stk.	Mfr.	Size	Price
<b>528539</b>	604B26	7" x 4"	<b>WEB</b>



### Mason's Chisel

**Marshalltown** Forged from the highest-quality tool steel, hardened, tempered and well-balanced. USA made.

Stk.	Mfr.	Size	Price
<b>528543</b>	606B115	7-1/2" x 2"	<b>WEB</b>



### Wood Line Blocks

**Marshalltown** Shaped from poplar hardwood. USA made.

Stk.	Mfr.	Length	Qty.	Price
<b>528467</b>	86	3-3/4"	2	<b>WEB</b>



### Nylon Mason's Line

**Marshalltown** 150 lb. test nylon, size #18.

Won't unravel if struck by a trowel. Nylon maintains tension, is not affected by extreme moisture or dryness and won't mildew. White.

Stk.	Mfr.	Length	Price
<b>528550</b>	622	250'	<b>WEB</b>
<b>528552</b>	623	500'	<b>WEB</b>



### Wheelbarrow Mixer with Pedestal

**Marshalltown** This lightweight portable mixer can mix 3 cubic feet of material at 28 RPM for quality consistency, at a 24" dump height. The high torque 1/2 HP electric motor has an on/off switch and is CE/CSA approved. Its rugged 24" steel drum, 10" flat-free rubber tires, and the direct-drive gearbox are easy to assemble and use.

115V, 1/2 HP. Size 45" x 29" x 35.5". Weight 110 lbs.

Stk.	Mfr.	Price
<b>528414</b>	MIX3	<b>WEB</b>

## PLUMBING TOOLS

### Basin Wrench

**Ridgid** One-hand ratcheting basin wrench with spring-loaded jaws of forged alloy steel. Tension plug holds head in any position up to 90° angle. Chrome-plated handle and shank.



Stk.	Mfr.	Length	O.D. Capacity	Model	Price
<b>692692</b>	31175	10" to 17"	3/8" to 1-1/4"	1017	<b>WEB</b>

### Deburring Tool

**Ridgid** For plastic pipe and tubing. Removes inside burrs and outside ridges. Made of high-grade steel with specially designed, long-lasting cutting edges. Slip-resistant vinyl cushion hand grip.



Stk.	Mfr.	O.D. Capacity	Model	Price
<b>692570</b>	35155	1/2" to 1-1/2"	72	<b>WEB</b>

### Single Flaring Tool

**Performance Tool** Single flares copper, brass, aluminum and mild steel tubing sizes 3/16", 1/4", 5/16", 3/8", 1/2" and 5/8" O.D. Easy-to-use lever lock flaring bar. Floating cone for accurate alignment.



Stk.	Mfr.	Price
<b>976520</b>	W701C	<b>WEB</b>

### Flaring Tool Model 458R

**Ridgid** Flares steel, stainless steel, hard copper and brass tubing through a wall thickness of 0.035". Eccentrically mounting, hardened steel flaring cone. Handle clutch releases when flare is complete to iron and smooth flare. Produces 45° flare in sizes from 1/8"- 3/4".



Stk.	Mfr.	I.D. Capacity	Model	Price
<b>692590</b>	83037	1/8" to 3/4"	458R	<b>WEB</b>



### Swaging Tools

**Ridgid** Zinc-plated for accuracy and durability. For copper, aluminum or brass tubing.

**Includes** 1/4", 3/8", 1/2" & 5/8" in vinyl pouch.

Stk.	Mfr.	I.D. Capacity	Model	Price
<b>692635</b>	52420	1/4" to 5/8"	570	<b>WEB</b>



### 4-in-1 Plumbing Brush

**General** Cleans both the inside and outside of copper tubing in preparation for solder when sweating pipes. Hardened steel brushes, polypropylene body for strength and durability.

Stk.	Mfr.	O.D. Capacity	I.D. Capacity	Price
<b>417745</b>	114	5/8" to 7/8"	1/2" to 3/4"	<b>WEB</b>



### Heavy-duty Pipe Cutter

**Ridgid** Wide roll pipe cutter. Featuring extra-wide rolls, this heavy-duty cutter is especially designed for use with power drives. Wide rolls prevent cock or wobble of cutter for straight tracking and cleaner cuts.

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>689804</b>	32820	1/8" to 2"	2-A	<b>WEB</b>

### Replacement Wheel

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>689871</b>	33105			<b>WEB</b>



### PVC Cutter

**General** Professional, all-metal tool with ratcheting action easily cuts PVC, PE and ABS pipe. High carbon steel blade for clean cuts and longer sharpness. Features angle cutting and ergonomic locking handle.

Stk.	Mfr.	O.D. Capacity	Price
<b>417870</b>	119	1/8" to 1-5/8"	<b>WEB</b>



### Ratchet Cutter

**Ridgid** Heavy-duty aluminum cutter with compound leverage ratchet mechanism easily cuts PVC, CPVC, PEX, polyethylene, polybutylene and rubber hose. Quick, tool-free blade changes. Ergonomic lower handle with 1/2" increments (for quick pipe measuring). Easy thumb-turn safety latch. Burrless cutting operation provides a square cut.

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>692790</b>	23498	1/2" to 1-5/8"	RC-1625	<b>WEB</b>

### Replacement Blade

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>692795</b>	27858			<b>WEB</b>



### PVC Ratchet Cutter

**General** Cutter slices through PVC, PEX and ABS pipe up to 2" dia. High-carbon steel blade maintains sharpness and resists chipping. 12" handles and 5-click ratcheting system apply maximum cutting pressure for quick, clean cuts. Safety locking strap.

Stk.	Mfr.	O.D. Capacity	Price
<b>417866</b>	118	2"	<b>WEB</b>



### Metal Pipe Cutter

**Ridgid** Quick acting, hardened alloy steel precision cutting wheel. Knife edge folding reamer. Frame shaped for balance, strength and weight. Large feed indexing knob.

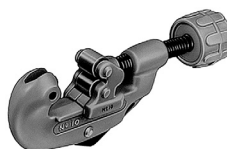
Stk.	Mfr.	O.D. Capacity	Model	Price
<b>692608</b>	31642	1/4" to 2-5/8"	152	<b>WEB</b>



### Close Quarters Tubing Cutter

**Ridgid** Designed for use in restricted spaces on small diameter, hard and soft copper, aluminum, brass and plastic tubing. Strong, lightweight slide and wheel housing, and large knurled feed screw knob.

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>692415</b>	32975	1/8"-5/8"	103	<b>WEB</b>



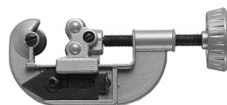
### Screw Feed Tubing Cutters

**Ridgid** Clean square cuts are easily made on copper, brass, aluminum and thin wall conduit. Cutters feature a fold-away reamer.

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>689890</b>	32910	1/8" to 1"	10	<b>WEB</b>
<b>692362</b>	32920	3/16" to 1-1/8"	15	<b>WEB</b>
<b>692414</b>	32930	5/8" to 2-1/8"	20	<b>WEB</b>

### Replacement Cutter Wheel

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>692615</b>	33160			<b>WEB</b>



### Thin Wall Pipe Cutters

**General** For cutting copper and other thin wall tubing. Supplied with an alloy steel true cutting wheel, grooved rollers for flared tubing, and a tool steel retractable reamer.

Stk.	Mfr.	O.D. Capacity	Price
<b>417871</b>	120	1/8" to 1-1/8"	<b>WEB</b>
<b>417872</b>	125	1/4" to 1-1/2"	<b>WEB</b>

### Replacement Cutter Wheel

Stk.	Mfr.	O.D. Capacity	Price
<b>417873</b>	RW121/2		<b>WEB</b>



### Tubing Cutter

**Great Neck** Mini tubing cutter for cutting copper, aluminum, brass and thin wall tubing in tight or hard-to-reach places. Large knob for greater torque. Hardened flare grooved rollers.

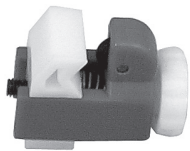
Stk.	Mfr.	O.D. Capacity	Price
<b>281172</b>	TC7C	1/8" to 1-1/8"	<b>WEB</b>



### Mini Tubing Cutter

**General** Mini tubing cutter for cutting copper, aluminum, brass and thin wall tubing in tight or hard-to-reach places. Large knob for greater torque. Hardened flare grooved rollers.

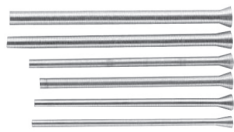
Stk.	Mfr.	O.D. Capacity	Price
<b>417885</b>	I29X	1/8" to 7/8"	<b>WEB</b>



### Mini Tubing Cutter

**Lisle** Smooth nylon action cuts tubing quickly. Small size for use in tight spots. Cuts all type of metal tubing. Easy-to-use nylon cutter is non corrosive for long life.

Stk.	Mfr.	O.D. Capacity	Price
<b>503888</b>	50000	5/8"	<b>WEB</b>



### Copper Tubing Bender Set

**General** Eliminate crimping and collapsing of copper and other thin wall tubing. Allows quick bending of copper and other thin wall tubing. Made of special oil-hardened spring steel.

**Includes** tube sizes 1/4", 5/16", 3/8", 7/16", 1/2" & 5/8".

Stk.	Mfr.	O.D. Capacity	Price
<b>417737</b>	S106	1/4" to 5/8"	<b>WEB</b>



### Compound Tubing Bender

**General** Get single-action, 180° bends in copper, brass, thin wall tubing, steel, aluminum, soft wire and rods. Calibrated angle markings

from 0° to 180° provide accurate left, right and offset bends. Extra long, ergonomic handles give great leverage and comfort. Made of durable die cast alloy.

**Includes** 3/16", 1/4", 5/16" & 3/8".

Stk.	Mfr.	O.D. Capacity	Price
<b>417936</b>	153	3/16" to 3/8"	<b>WEB</b>



### V-Head Pipe Stand

**Ridgid** A heavy-duty adjustable stand suitable for use with threading machines, roll grooves and more.

28" to 52" height adjustment.

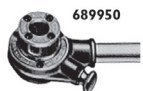
Stk.	Mfr.	O.D. Capacity	Price
<b>692588</b>	56662	1/8" to 16"	<b>WEB</b>



### Bench Yoke Pipe Vises

**Ridgid** Yoke and base made of iron. Hardened alloy steel jaws and pipe rest.

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>692484</b>	40080	1/8" to 2"	21	<b>WEB</b>
<b>692551</b>	40100	1/8" to 4"	25	<b>WEB</b>



### Exposed Ratchet Threaders

**Ridgid** For hand use or threading with Ridgid

Power Drives. Fills low volume threading requirements. Exposed ratchet threaders. Die heads lock into ratchet and handle assembly. Heads easily removed when reversible ratchet knob is pulled out.

#### Threader Set

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>689950</b>	36375	1/8", 1/4", 3/8", 1/2", 3/8", 1"	00-R	<b>WEB</b>

#### Ratchet & Handle

Stk.	Mfr.	O.D. Capacity	Model	Price
<b>692216</b>	38540		00-R	<b>WEB</b>



### PTFE Thread Seal Tape

**Harvey** PTFE white thread seal tape. Provides a strong, tight seal for any threaded joint. Temperature range -400°F to 500°F.

Stk.	Mfr.	Length	Width	Price
<b>943201</b>	017117B	43'	1/2"	<b>WEB</b>



### Spiral Pipe Reamer

**Ridgid** For extra-fast and easy hand reaming on pipe, sheet metal or for enlarging conduit box outlets. Not suitable for power reaming.

**Includes** handle.

Stk.	Mfr.	Capacity	Price
<b>689808</b>	34955	1/4" to 2"	<b>WEB</b>



### Epoxy Finished Handheld Oiler

**Performance Tool** Handheld oiler with drawn steel body, durable epoxy finish, flexible spout and one pint capacity.

Stk.	Mfr.	Capacity	Price
<b>976615</b>	W54263	1 pint	<b>WEB</b>



### Pistol Oiler with Rigid Hose

**Performance Tool** Drawn steel body and durable epoxy finish.

Stk.	Mfr.	Size	Price
<b>976619</b>	W54264	6 oz.	<b>WEB</b>



### Pistol Oiler with Flex Hose

**Performance Tool** Drawn steel body and durable epoxy finish.

Stk.	Mfr.	Size	Price
<b>976620</b>	W54265	6 oz.	<b>WEB</b>



### Thread Cutting Oil

**Ridgid** Cool threads and pipe during operation and speed metal removal with oils that provide an even film on metallic surfaces for smoother threads. Sulphur reacts with metal being treated to form sulphides to make a tough chemical film between die and material. Anti-foam agent prevents foam build up. Free of chlorine, halogens, PCB's, heavy metals.

Stk.	Mfr.	Item	Size	Price
<b>692800</b>	70835	Nu-Clear	Gal.	<b>WEB</b>
<b>692618</b>	70830	Dark Oil	Gal.	<b>WEB</b>

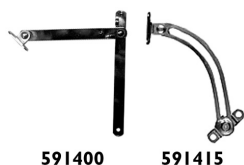


### Extreme Performance Aerosol Threading Oil

**Ridgid** High-performance aerosol mineral oil produces superior quality threads on stainless steel and black pipe. Cools threads and pipe during operation. Speeds metal removal. Use on 1 or 2 threads without set-up or cleanup time. Great for manual and power hand threading applications. For approx. 100 threads.

Stk.	Mfr.	Size	Price
<b>689100</b>	22088	16 oz.	<b>WEB</b>

## CHEST & CASE HARDWARE



### Lid Supports

**National** Designed to hold open lids on chests or boxes and to provide protection against slamming.

**Folding Lid Support** Also supports table legs, shelves. **Includes** screws.

Stk.	Mfr.	Finish	Mount	Qty.	Price
<b>591400</b>	N208-629	Brass Plated	Right	1	<b>WEB</b>
<b>591375</b>	N208-611	Brass Plated	Left	1	<b>WEB</b>

**Adjustable Tension Lid Support** **Includes** screws.

Stk.	Mfr.	Finish	Mount	Qty.	Price
<b>591415</b>	N208-652	Brass Plated	Right	1	<b>WEB</b>
<b>591410</b>	N208-645	Brass Plated	Left	1	<b>WEB</b>



### Spring Balanced Lid Supports

**National**

**Includes** screws.

Stk.	Mfr.	Finish	Mount	Qty.	Price
<b>591420</b>	N208-660	Antique Brass Plate	Left	1	<b>WEB</b>
<b>591440</b>	N208-678	Antique Brass Plate	Right	1	<b>WEB</b>
<b>591450</b>	N208-686	Antique Brass Plate	Center	1	<b>WEB</b>

## CATCHES & HASPS



### Snap Catch

**National** Add a decorative touch to small chests, jewelry boxes, craft projects, etc.

**Includes** screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>591620</b>	N211-961	Antique Brass Plate	7/8" x 1-1/2"	1	<b>WEB</b>



### Draw Catch

**National** Add a decorative touch to small chests, jewelry boxes, craft projects, etc.

**Includes** screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>591360</b>	N208-595	Brass Plated	1-1/2" x 2-3/4"	2	<b>WEB</b>
<b>591368</b>	N208-603	Brass Plated	1-3/4" x 3-3/4"	1	<b>WEB</b>

**591368** Lockable catch for use with a padlock.



### Decorative Catch

**National** Add a decorative touch to small chests, jewelry boxes, craft projects, etc.

**Includes** solid brass pins.

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>591605</b>	N211-946	Polished Brass	3/4" x 1-3/8"	2	<b>WEB</b>



### Box Hasps

**National** Solid brass hasps are ideal for crafts, small chests and jewelry boxes. Surface mount with lock accepting hasp feature.

**Includes** pins.

#### Without Hook

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>591540</b>	N211-474	Antique brass	5/8" x 1-7/8"	1	<b>WEB</b>
<b>591530</b>	N211-466	Polished brass	5/8" x 1-7/8"	1	<b>WEB</b>
<b>591570</b>	N211-896	Polished brass	3/4" x 2-3/4"	1	<b>WEB</b>

#### With Hook

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>591595</b>	N211-920	Antique brass	3/4" x 2-3/4"	1	<b>WEB</b>
<b>591588</b>	N211-912	Polished brass	3/4" x 2-3/4"	1	<b>WEB</b>



### Safety Hasp

**National** Secure a wide variety of doors, cabinets, boxes, trunks, etc. All screws are concealed when hasp is closed. Ribbed design for extra strength. Ridged non-swivel staple. Made of hot rolled steel with WeatherGuard™ protection.

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>591300</b>	N102-277	Zinc Plated	3-1/4"	1	<b>WEB</b>
<b>591301</b>	N102-459	Zinc Plated	6"	1	<b>WEB</b>



### Double Roller C-Clip Catch w/Spear

**Brainerd**

**Includes** screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>278697</b>	69201	Unichrome	1-1/4"L x 1/2"H	1	<b>WEB</b>

## KNOBS, PULLS & HANDLES



### Brass Cabinet Knob

**Brainerd**

**Includes** 1" screw.

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>943569</b>	P50150-PB-C5	Brass Plated	1-1/4" dia.	1	<b>WEB</b>



### Concave Brass Knob

**Brainerd**

**Includes** screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>278692</b>	P65015H-PB-C	Polished Brass	1-1/2" dia.	1	<b>WEB</b>



### Wooden Ball Knobs

**Dowl-It** Unfinished, northern hardwood. Flat on one side and drilled with 3/16" screw hole.

**Screws not included, sold separately.**

Stk.	Mfr.	Size	Qty.	Price
<b>341013</b>	63201	1" dia.	25	<b>WEB</b>
<b>341014</b>	63205	1-1/4" dia.	25	<b>WEB</b>





### Round Top Knobs

**Dowl-It** Unfinished, northern hardwood knob is drilled with 3/16" screw hole.

**Screws not included, sold separately.**

Stk.	Mfr.	Size	Qty.	Price
<a href="#">341011</a>	63005	1" dia.	25	<b>WEB</b>
<a href="#">341012</a>	63009	1-1/4" dia.	25	<b>WEB</b>



### Birch Round Top Knob

**Brainerd** Unfinished round top.

**Includes** screws.

Stk.	Mfr.	Finish	Size	Qty.	Price
<a href="#">278691</a>	69220	Birch	1-1/4" dia.	1	<b>WEB</b>



### Decorative Metal Pull

**Liberty**

**Includes** screws.

Stk.	Mfr.	Finish	Centers	Qty./Pkg.	Price
<a href="#">278693</a>	P793A0H-AB-C	Antique brass	3"	1	<b>WEB</b>



### Plastic Tool Box Handle

**American Handle** For Tool Box Kits MTK and WTK. Black handle with nickel plated fittings. 6" center with fittings.

Stk.	Mfr.	Qty.	Price
<a href="#">232920</a>	350-7415	1	<b>WEB</b>



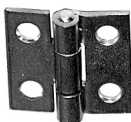
### Steel Tool Box Handle

**KBBI Company** For Tool Box Kits MTK, WTK & JTK.

**Includes** handle and 2 cleats.

Stk.	Mfr.	Qty.	Price
<a href="#">233012</a>	K140N-5	1	<b>WEB</b>

## HINGES



### Narrow Butt Hinges

**National** Solid brass fast-pin hinges with non-removable pin for use on small boxes, chests and cabinets. Surface mount.

**Includes** screws.

Stk.	Mfr.	Finish	Joint L	Open W	Qty./Pkg.	Price
<a href="#">942760</a>	NI45-920	Zinc Plated	1"	1"	2	<b>WEB</b>
<a href="#">942761</a>	NI46-043	Zinc Plated	1-1/2"	1-7/16"	2	<b>WEB</b>
<a href="#">942762</a>	NI46-159	Zinc Plated	2"	1-9/16"	2	<b>WEB</b>
<a href="#">942763</a>	NI46-258	Zinc Plated	2-1/2"	1-11/16"	2	<b>WEB</b>



### Decorative Hinges

**National** Solid brass hinges add a decorative appearance to small chests, jewelry boxes, craft projects, etc. Surface mount.

**Includes** solid brass pins.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
<a href="#">591565</a>	N211-839	Antique Brass	1-5/16" x 2-1/4"	2	<b>WEB</b>
<a href="#">591508</a>	N211-433	Solid Brass	5/8" x 1-7/8"	2	<b>WEB</b>



### Standard Butt Hinges

**National** Solid brass fast-pin hinges for use on small boxes, chests and cabinets. Surface mount.

**Includes** screws.

### Narrow Hinge

Stk.	Mfr.	Finish	Joint L	Open W	Qty./Pkg.	Price
<a href="#">942786</a>	N211-193	Solid Brass	3/4"	5/8"	4	<b>WEB</b>
<a href="#">942787</a>	N211-177	Solid Brass	1"	3/4"	4	<b>WEB</b>
<a href="#">942788</a>	N211-219	Solid Brass	1-1/2"	7/8"	2	<b>WEB</b>
<a href="#">942789</a>	N211-235	Solid Brass	2"	1"	2	<b>WEB</b>
<a href="#">591459</a>	N211-201	Antique Brass	3/4"	5/8"	2	<b>WEB</b>
<a href="#">591458</a>	N211-185	Antique Brass	1"	3/4"	2	<b>WEB</b>
<a href="#">591460</a>	N211-227	Antique Brass	1-1/2"	7/8"	2	<b>WEB</b>
<a href="#">591470</a>	N211-243	Antique Brass	2"	1"	2	<b>WEB</b>

### Medium Hinge

Stk.	Mfr.	Finish	Joint L	Open W	Qty./Pkg.	Price
<a href="#">942790</a>	N211-276	Solid Brass	3/4"	1-1/16"	4	<b>WEB</b>
<a href="#">942792</a>	N211-292	Solid Brass	1-1/2"	1"	2	<b>WEB</b>
<a href="#">942793</a>	N211-300	Solid Brass	2"	1-3/16"	2	<b>WEB</b>

### Broad Hinge

Stk.	Mfr.	Finish	Joint L	Open W	Qty./Pkg.	Price
<a href="#">591493</a>	N211-359	Solid Brass	1-1/2"	1-1/4"	2	<b>WEB</b>
<a href="#">942794</a>	N211-326	Solid Brass	3/4"	1"	4	<b>WEB</b>
<a href="#">942795</a>	N211-334	Solid Brass	1"	1"	4	<b>WEB</b>
<a href="#">591494</a>	N211-375	Solid Brass	2"	1-3/8"	2	<b>WEB</b>
<a href="#">942797</a>	N211-383	Antique Brass	2"	1-3/8"	2	<b>WEB</b>



### Continuous Hinges

**National** Use on chests, cabinets, folding tables, etc. Screw holes are spaced at 2" intervals. Cold-rolled steel hinge and pin can be cut to desired length. Friction-type steel pin will not fall out. Surface mount allows easy installation.

Stk.	Mfr.	Finish	Size	Qty.	Price
<a href="#">591750</a>	N265-355	Polished Brass	1-1/16" x 12"	1	<b>WEB</b>
<a href="#">591752</a>	N265-371	Nickel Plated	1-1/16" x 12"	1	<b>WEB</b>
<a href="#">591342</a>	NI48-205	Polished Brass	1-1/16" x 30"	1	<b>WEB</b>
<a href="#">591343</a>	NI48-221	Nickel Plated	1-1/16" x 30"	1	<b>WEB</b>
<a href="#">591346</a>	NI48-353	Polished Brass	1-1/16" x 48"	1	<b>WEB</b>
<a href="#">591347</a>	NI48-379	Nickel Plated	1-1/16" x 48"	1	<b>WEB</b>
<a href="#">591751</a>	N265-363	Polished Brass	1-1/2" x 12"	1	<b>WEB</b>
<a href="#">591753</a>	N265-389	Nickel Plated	1-1/2" x 12"	1	<b>WEB</b>
<a href="#">591340</a>	NI48-155	Polished Brass	1-1/2" x 30"	1	<b>WEB</b>
<a href="#">591341</a>	NI48-171	Nickel Plated	1-1/2" x 30"	1	<b>WEB</b>
<a href="#">591344</a>	NI48-304	Polished Brass	1-1/2" x 48"	1	<b>WEB</b>
<a href="#">591345</a>	NI48-320	Nickel Plated	1-1/2" x 48"	1	<b>WEB</b>



### Self Closing Overlay Hinges

**Brainerd** Self-closing overlay hinge made of durable steel. Size 2" x 3/4".

**Includes** 1/2" screws.

Stk.	Mfr.	Finish	Qty.	Price
<a href="#">277122</a>	H0103AV-SN-O2	Satin Nickel	2	<b>WEB</b>
<a href="#">277123</a>	H0103BV-AB-O2	Antique Brass	2	<b>WEB</b>

## GENERAL HARDWARE



### Lazy Susan Turntable

**Richelieu** Made from corrosion-resistant galvanized steel, this plate has a swivel bearing design with a deeper race groove. This encapsulates the balls better and allows them to move more smoothly.

Stk.	Mfr.	Capacity	Size	Price
<b>686700</b>	3312	200 lbs.	3" x 3"	<b>WEB</b>
<b>686701</b>	4412	300 lbs.	4" x 4"	<b>WEB</b>
<b>686702</b>	6612	500 lbs.	6" x 6"	<b>WEB</b>



**942770 942767 942772**

### Braces

**National** Flat design allows for quick and easy surface repairs to chests, screens, windows, etc.

**Chair Braces** Includes screws.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
<b>942770</b>	N176-347	Antique Bronze	1" x 3/4"	4	<b>WEB</b>

### Corner Braces

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
<b>942767</b>	N266-270	Zinc Plated	1" x 1/2"	1	<b>WEB</b>
<b>942768</b>	N266-361	Zinc Plated	2" x 5/8"	1	<b>WEB</b>
<b>942769</b>	N266-395	Zinc Plated	3" x 3/4"	1	<b>WEB</b>

### Flat Corner Braces

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
<b>942772</b>	N266-460	Zinc Plated	1-1/2" x 3/8"	1	<b>WEB</b>
<b>942773</b>	N266-486	Zinc Plated	2" x 3/8"	1	<b>WEB</b>
<b>942774</b>	N266-528	Zinc Plated	3" x 1/2"	1	<b>WEB</b>



### Screw-on Rubber Bumpers

**Richelieu** Bumpers protect surfaces and deaden sound. Not for use under furniture. Includes 4 stainless steel screws.

Stk.	Mfr.	Material	Size	Qty.	Price
<b>694590</b>	F31943TV	Almond rubber	7/8" dia.	4	<b>WEB</b>
<b>694591</b>	F31942TV	Brown rubber	3/4" dia.	4	<b>WEB</b>



### Screw Eyes

**Hillman** Zinc-plated steel.

### Small Eye

Stk.	Mfr.	Length	Size	Qty./Box	Price
<b>527726</b>	320072	1-3/16"	10 ga.	100	<b>WEB</b>
<b>527727</b>	320081	15/16"	12 ga.	100	<b>WEB</b>
<b>527728</b>	320087	13/16"	14 ga.	100	<b>WEB</b>
<b>527729</b>	320096	1/2"	16.5 ga.	100	<b>WEB</b>

### Medium Eye

Stk.	Mfr.	Length	Size	Qty./Box	Price
<b>527732</b>	320039	1-9/16"	8 ga.	100	<b>WEB</b>
<b>527736</b>	320045	1-1/4"	10 ga.	100	<b>WEB</b>
<b>527737</b>	320048	1-1/8"	12 ga.	100	<b>WEB</b>



### Wooden Clothespins

**Faucet Queens** Wooden, spring-style clothespins.

Stk.	Mfr.	Qty.	Price
<b>943510</b>	FQ44002	50	<b>WEB</b>

## PROJECT HARDWARE



### Clipboard Clips

**Delvies** Recommended for acrylic or wood clipboard applications. Heavy gauge spring for extended performance. Clip can easily be mounted on a clipboard with small rivets or screws.

**Clip fasteners (Mfr. 101053), sold separately.**

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
<b>773000</b>	220	Nickel	5-3/4" Clamping Base	1	<b>WEB</b>

### Clipboard Fasteners

#### Hillman

Stk.	Mfr.	Item	Size	Length	Qty./Box	Price
<b>527556</b>	101053	Machine Screw	8-32	1/2"	100	<b>WEB</b>
<b>527885</b>	180078	Acorn Nut	8-32		100	<b>WEB</b>



### Clock Movement with Hands

**Primex** Super-accurate timekeeper. Built-in molded hanger strong enough to hold up to 4 lbs. Fits in a 3" dia. hole. Mfr.'s 6-year warranty.

Size: 2-7/32"H x 2-7/32"W x 5/8"D

Includes pair of hands.

**Requires AA battery, sold separately.**

Stk.	Mfr.	Dial	Shaft	Qty.	Price
<b>558010</b>	104000-KIT	3/4"T	1-3/16" x 5/16" dia.	1	<b>WEB</b>



### Arabic Clock Insert

**Primex** Gold-tone plastic bezel, plastic backplate and lens. Rubber ring mounting system (3" dia. x 13/16"D). White face color with Arabic numerals. Mfr.'s 3-year warranty.

**Includes** 1 AA battery.

Stk.	Mfr.	Price
<b>682022</b>	15453	<b>WEB</b>

## SHELF PINS



### Shelf Supports

**Shop Fox** Clear supports for easy-to-adjust shelving. Drill holes and insert the supports.

Stk.	Mfr.	Size	Qty.	Price
<b>785680</b>	D3146	13/64" dia. x 5/16"L	12	<b>WEB</b>

## CASTERS



### Fixed Plate Caster

Soft tread combines with hard core for quiet movement and cushioned ride. Single row of hardened ball bearings in lubricated raceway. Corrosion-resistant zinc finish. Not recommended for exposure to acids, solvents, extreme cold or heat.

Stk.	Mfr.	Wheels	Plate Size	Capacity	Price
<b>943462</b>	F25748	2" Rubber	1-7/8" x 2-9/16"	126 lbs.	<b>WEB</b>
<b>943467</b>	F25827	2" Polypropylene	1-7/8" x 2-9/16"	126 lbs.	<b>WEB</b>
<b>943118</b>	9482	2-1/2" Rubber	2-1/8" x 4-3/8"	175 lb.	<b>WEB</b>
<b>943463</b>	F25752	3" Rubber	2-7/16" x 4-7/8"	200 lbs.	<b>WEB</b>



### Swivel Plate Caster

**Richelieu** Soft tread combines with hard core for quiet movement and cushioned ride. Single row of hardened ball bearings in lubricated raceway. Corrosion-resistant zinc finish. Not recommended for exposure to acids, solvents, extreme cold or heat.

Stk.	Mfr.	Wheels	Plate Size	Capacity	Price
<b>943465</b>	F25091	3" Rubber	3-1/8" x 4-1/8"	200 lbs.	<b>WEB</b>
<b>943466</b>	F25082	2" Rubber	1-7/8" x 2-9/16"	126 lbs.	<b>WEB</b>
<b>943468</b>	F25190	2" Polypropylene	1-7/8" x 2-9/16"	126 lbs.	<b>WEB</b>



### Swivel Locking Caster

**Richelieu** Soft tread combines with hard core for quiet movement and cushioned ride. Single row of hardened ball bearings in lubricated raceway. Corrosion-resistant zinc finish.

Stk.	Mfr.	Wheels	Plate Size	Capacity	Price
<b>943461</b>	F25095	3" Rubber	3-1/8" x 4-1/8"	200 lbs.	<b>WEB</b>
<b>943464</b>	F25086	2" Rubber	1-7/8" x 2-9/16"	126 lbs.	<b>WEB</b>



### 3-Wheel Dolly

**Shepherd** Steel construction with tough polyolefin wheels swivel easily on steel ball bearings. For moving heavy furniture and machinery.

Stk.	Mfr.	Wheels	Plate Size	Capacity	Price
<b>942957</b>	9299	1-1/4" Soft	6-7/8" x 5-11/16"	200 lb.	<b>WEB</b>



### Furniture Dolly

**Shop Fox** Padded with carpet to protect fine finishes, this furniture dolly is better than having an extra set of hands for moving heavy and bulky items. 4" diameter casters allow full mobility.

Stk.	Mfr.	Size	Capacity	Price
<b>785692</b>	D3242	18" x 30"	660 lbs.	<b>WEB</b>

## HANGERS & HOOKS



### Coat and Hat Hook

**National** Designed for use in classrooms, bathrooms, closets and more. Manufactured of zinc die-cast.

**Includes** screws.

Stk.	Mfr.	Finish	Qty./Pkg.	Price
<b>591355</b>	N243-717	Brass	2	<b>WEB</b>



### Heavy-duty Coat and Hat Hook

**National** Designed for use in classrooms, bathrooms, closets and more. Extra heavy for added strength. Manufactured of zinc die-cast.

**Includes** screws.

Stk.	Mfr.	Finish	Qty./Pkg.	Price
<b>591700</b>	N248-229	Brass	1	<b>WEB</b>



### Cup Hooks

**Hillman**

Stk.	Mfr.	Finish	Projection	Qty./Pkg.	Price
<b>527715</b>	320397	Solid Brass	1/2"	100	<b>WEB</b>
<b>527716</b>	320403	Solid Brass	3/4"	100	<b>WEB</b>
<b>527717</b>	320408	Solid Brass	1"	100	<b>WEB</b>
<b>527718</b>	320414	Solid Brass	1-1/2"	50	<b>WEB</b>



### Flat Ring Hangers

**Hillman** Decorative ring hanger adds the finishing touch to a wooden frame.

**Includes** screws.

Stk.	Mfr.	Finish	Qty./Pkg.	Price
<b>514345</b>	122227	Brass	4	<b>WEB</b>



### D-Ring Hangers

**National** Best for lightweight picture frames. Easy to install for classroom or office. Made from zinc-plated steel. Includes screws.

Stk.	Mfr.	Size	Qty.	Price
<b>591720</b>	N261-488	1-7/32"	14	<b>WEB</b>
<b>591722</b>	N261-490	2-7/32"	10	<b>WEB</b>



### Hanger Plate

**National** Steel hanger plate.

**Includes** screws.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
<b>591630</b>	N213-413	Brass Plated	9/16" x 2"	4	<b>WEB</b>

514236

### Picture Hangers

**Anchor Wire**



**Sawtooth Hanger** Attach to back of frame. Easy-level notches. **Includes** nails.

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>514252</b>	121136	Large (2-1/4")	5	<b>WEB</b>
<b>514253</b>	121140	Small (1-5/8")	6	<b>WEB</b>

**Steel Hook Hangers** For all wall types. **Includes** matching-weight nails.

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>514236</b>	121020	20 lb.	8	<b>WEB</b>



### Picture Hanger Assortment

**Hillman** Picture hanging assortment.

**Includes** brass nails (#16 x 1" & 1-1/2", #18 x 1-1/2"), brass screw eyes (#2 x 5/8"), galvanized picture wire (10' x 7 ga.), brass hangers (10 lb., 30 lb., 50 lb., 100 lb.), 1-3/4" brass cup hooks, 1-3/4" brass shoulder hooks, brass thumbtacks, picture pender, push pins & sawtooth hangers.

Stk.	Mfr.	Price
<b>514285</b>	130278	<b>WEB</b>



### 1/8" and 1/4" Pegboard Hook

**National** Zinc-plated steel hook for 1/8" and 1/4" pegboard.

Stk.	Mfr.	Projection	Qty.	Price
<b>591680</b>	N235-011	2"	1	<b>WEB</b>
<b>591682</b>	N235-013	4"	1	<b>WEB</b>
<b>591684</b>	N235-015	6"	1	<b>WEB</b>



### 1/4" Pegboard Hook

**National** Zinc-plated steel hook for 1/4" pegboard.

Stk.	Mfr.	Projection	Qty.	Price
<b>591357</b>	N180-012	4"	1	<b>WEB</b>
<b>591359</b>	N180-014	6"	2	<b>WEB</b>
<b>591681</b>	N235-012	8"	2	<b>WEB</b>



### 47-Piece Pegboard Hook Assortment

**Crawford** Mounts in 1/8" & 1/4" pegboard.

**Includes** 6 pegboard mounting screws & spacers, straight hooks (8 ea. 1" & 6 ea. 1-1/2"), curved hooks (6 ea. 1/4" & 4 ea. 1"), two 2" double prong straight hooks, two 6" shelf brackets, 2 grip clips, 2 pliers holders, 2 tool holders & multi-tool rack.

Stk.	Mfr.	Price
<b>943316</b>	1851A	<b>WEB</b>

## DOWEL RODS, JIGS & SUPPLIES

### Birch Dowel Rods

**Cincinnati Dowel** Sanded wooden dowels for toy uses & craft applications of all types. Holds straightness through entire length. Accurate diameters.

### 36"L Dowel Rods

Stk.	Mfr.	Size	Qty.	Price
<b>473990</b>	36-1/8	1/8"	1	<b>WEB</b>
<b>473995</b>	36-3/16	3/16"	1	<b>WEB</b>
<b>474000</b>	36-1/4	1/4"	1	<b>WEB</b>
<b>474067</b>	36-5/16	5/16"	1	<b>WEB</b>
<b>474134</b>	36-3/8	3/8"	1	<b>WEB</b>
<b>474140</b>	36-7/16	7/16"	1	<b>WEB</b>
<b>474201</b>	36-1/2	1/2"	1	<b>WEB</b>
<b>474268</b>	36-5/8	5/8"	1	<b>WEB</b>
<b>474335</b>	36-3/4	3/4"	1	<b>WEB</b>
<b>474340</b>	36-7/8	7/8"	1	<b>WEB</b>
<b>474402</b>	36-1	1"	1	<b>WEB</b>
<b>474404</b>	36-1-1/4	1-1/4"	1	<b>WEB</b>

### 48"L Dowel Rods

Stk.	Mfr.	Size	Qty.	Price
<b>473991</b>	48-1/8	1/8"	1	<b>WEB</b>
<b>473996</b>	48-3/16	3/16"	1	<b>WEB</b>
<b>474001</b>	48-1/4	1/4"	1	<b>WEB</b>
<b>474068</b>	48-5/16	5/16"	1	<b>WEB</b>
<b>474135</b>	48-3/8	3/8"	1	<b>WEB</b>
<b>474141</b>	48-7/16	7/16"	1	<b>WEB</b>
<b>474202</b>	48-1/2	1/2"	1	<b>WEB</b>
<b>474269</b>	48-5/8	5/8"	1	<b>WEB</b>
<b>474336</b>	48-3/4	3/4"	1	<b>WEB</b>
<b>474341</b>	48-7/8	7/8"	1	<b>WEB</b>
<b>474403</b>	48-1	1"	1	<b>WEB</b>
<b>474405</b>	48-1-1/4	1-1/4"	1	<b>WEB</b>



### 10-Piece Dowel Rod Pack

**Bud Nosen** High quality birch dowel rods.

Stk.	Mfr.	Size	Qty.	Price
<b>536495</b>	5400	1/16" x 12"L	10	<b>WEB</b>



### 40-Piece Dowel Rod Assortment

**Bud Nosen** High quality birch dowel rod assortment of varying diameters.

Stk.	Mfr.	Size	Qty.	Price
<b>536494</b>	5340	11-7/8"L	40	<b>WEB</b>



### Doweling Jig Master Kit

**JessEm** Create 1/4", 3/8" and 1/2" dowel holes on the end or face of your work piece. Locations of holes can be pre-set in 1/8" increments. Alignment slot allows matching up holes that are spaced further apart. Made of CNC machined aluminum, anodized for durability and laser engraved for fast set ups. Max. edge to hole center distance is 3-1/2".

**Includes** five 3/8" drill guides, 3/8" drill bit, 3/8" stop collar and 3/8" indexing pin.

Stk.	Mfr.	Price
<b>488180</b>	08350MK	<b>WEB</b>



### Self-Centering Doweling Jig

**Dowl-It** Self-centering guide assures accurate center drilling, even on round objects. Large 2" capacity. The solid steel guide center holes are precision drilled and reamed to exact size for extreme accuracy. USA made.

**Model 1000 Includes** 6 permanent drill hole sizes 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Stk.	Mfr.	Price
<b>341000</b>	1000	<b>WEB</b>

**Model 2000** Features removable screw-in bushings for extra hole patterns & 2 permanently drilled holes in the center guide. **Includes** drill sizes 7/16" & 1/2", plus 2 each 1/4", 5/16", 3/8" removable bushings for drilling 2 same size parallel holes on 3/4" centers.

Stk.	Mfr.	Price
<b>341010</b>	2000	<b>WEB</b>



### Pro™ Doweling Jig Kit

**General** A simple tool for making fast, accurate dowel holes in furniture and other carpentry projects. Slide jig over the wood surface and use the revolving turret to drill precise dowel holes. Rust-resistant plated turret and parts.

Use for end-to-end, edge-to-edge and edge-to-end doweling. Jig accepts 6 twist bit sizes (3/16", 1/4", 5/16", 3/8", 7/16" & 1/2"). Fits stock up to 4".

**Includes** 1/4", 5/16" & 3/8" accessory kit (3 brad point drill bits, 3 steel stops w/wrench, 6 dowel centers, 30 asst. dowel pins), plus craft glue & instructions.

Stk.	Mfr.	Price
<b>419625</b>	840	<b>WEB</b>





### E-Z Pro™ Doweling Jig Kit

**General** Everything needed to easily make strong, professional 1/4", 5/16" and 3/8" wood joints. Heavy-duty aluminum jig simplifies doweling process for creating edge-to-edge, right angle and edge-to-surface joints. Pointed notches on the jig's working edges precisely centers drill bit. Ideal for 5/8" to 1" stock.

**Includes** 1/4", 5/16" & 3/8" accessory kit (3 brad point drill bits, 3 steel stops w/wrench, 6 dowel centers, 30 asst. dowel pins), plus instructions.

Stk.	Mfr.	Price
<b>419629</b>	841	<b>WEB</b>



### Dowel Centers

**Clesco** Quickest and most accurate method to locate, transfer and match dowel holes. Nickel plated steel.

Stk.	Mfr.	Size	Qty.	Price
<b>305420</b>	TC-14	1/4"	1	<b>WEB</b>
<b>305421</b>	TC-516	5/16"	1	<b>WEB</b>
<b>305422</b>	TC-38	3/8"	1	<b>WEB</b>
<b>305423</b>	TC-12	1/2"	1	<b>WEB</b>

**8-Piece Kit Includes** 2 each of size 1/4", 5/16", 3/8", 1/2" dia.

Stk.	Mfr.	Size	Qty.	Price
<b>305398</b>	TC-8			<b>WEB</b>



### Spiral-grooved Dowel Pins

**Cincinnati Dowel** Made from domestic white birch and kiln dried. Provides excellent glue dispersion and bonding qualities.

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>984010</b>	3/8-100	3/8" x 2"	100	<b>WEB</b>
<b>984011</b>	3/8-1000	3/8" x 2"	1000	<b>WEB</b>



### 120-Piece Dowel Pin Kit

**Cincinnati Dowel** Multi-groove birch dowel pins.

**Includes** fifty 1/4" x 1-1/2", twenty 3/8" x 2", fifty 3/8" x 1-1/2" & case.

Stk.	Mfr.	Qty.	Price
<b>403050</b>	KITMG	120	<b>WEB</b>

## WOODEN PARTS



### Pegs

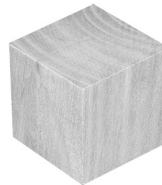
**Woodworks** Furniture-grade northern hardwood pegs. USA made.

### Mug Pegs

Stk.	Mfr.	Tenon Dia.	Length	Size	Qty.	Price
<b>984005</b>	MP1BIR-100	1/2"	5/8"	5/8" x 3-3/8"	100	<b>WEB</b>

### Shaker Pegs & Mini Shaker Pegs

Stk.	Mfr.	Tenon Dia.	Length	Size	Qty.	Price
<b>984003</b>	HP1BIR-100	1/2"	1/2"	7/8" x 3-1/2"	100	<b>WEB</b>
<b>984004</b>	HP6BIR-100	1/4"	1/4"	1/2" x 1-3/4"	100	<b>WEB</b>



### Wooden Blocks

**Woodworks** Unfinished wood cubes.

Stk.	Mfr.	Size	Qty.	Price
<b>984015</b>	SQ0750-100	3/4" x 3/4" x 3/4"	100	<b>WEB</b>
<b>984017</b>	SQ0750-500	3/4" x 3/4" x 3/4"	500	<b>WEB</b>



### Wheels & Axle Pegs

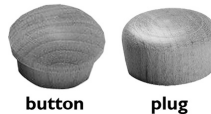
**Dowl-It** Northern Hardwood. USA made.

### Wheels

Stk.	Mfr.	Dia.	Size	Qty./Pkg.	Price
<b>403200</b>	65603	1"	3/8" thick	100	<b>WEB</b>
<b>403250</b>	65611	1-1/2"	1/2" thick	100	<b>WEB</b>
<b>403300</b>	65619	2"	5/8" thick	100	<b>WEB</b>

### Axle Pegs

Stk.	Mfr.	Dia.	Size	Qty./Pkg.	Price
<b>403136</b>	65703	7/32" axle	1-1/4"L, 3/8" head	100	<b>WEB</b>



### Screw Hole Buttons & Plugs

**Dowl-It**

### Buttons

Stk.	Mfr.	Size	Wood	Qty./Pkg.	Price
<b>341031</b>	60001	1/4"	Hardwood	100	<b>WEB</b>
<b>341032</b>	60005	3/8"	Hardwood	100	<b>WEB</b>
<b>341034</b>	60033	3/8"	Oak	100	<b>WEB</b>
<b>341033</b>	60009	1/2"	Hardwood	100	<b>WEB</b>
<b>341036</b>	60061	3/8"	Walnut	100	<b>WEB</b>
<b>341035</b>	60037	1/2"	Oak	100	<b>WEB</b>
<b>341037</b>	60065	1/2"	Walnut	100	<b>WEB</b>

### Round Head Plugs

Stk.	Mfr.	Size	Wood	Qty./Pkg.	Price
<b>341038</b>	60505	3/8"	Hardwood	100	<b>WEB</b>
<b>341039</b>	60533	3/8"	Oak	100	<b>WEB</b>
<b>403095</b>	3/8"	3/8"	Walnut	100	<b>WEB</b>
<b>403110</b>	1/2"	1/2"	Walnut	100	<b>WEB</b>



### Screw Hole Button Kits

**Cincinnati Dowel** Mushroom screw hole buttons.

**3/8" Button Kit Includes** 100 ea. of birch, oak, walnut & cherry, plus case.

Stk.	Mfr.	Qty./Kit	Price
<b>403049</b>	KIT38B	400	<b>WEB</b>

**1/2" Button Kit Includes** 50 ea. of birch, oak, walnut & cherry, plus case.

Stk.	Mfr.	Qty./Kit	Price
<b>403048</b>	KIT12B	200	<b>WEB</b>

## LOCKS



### Combination Locks

**Master Lock** BlockGuard® Anti-Shim Technology withstands attempts to violate the latch mechanism. Includes combination chart to facilitate lock system administration. Double-reinforced stainless steel body withstands abuse. Hardened steel shackle for extra cut resistance. 3-number dialing with automatic scrambling feature to prevent re-opening of lock.

**For security reasons, all Master combination locks are shipped direct from factory.**

#### Non-Keyed Lock

Stk.	Mfr.	Body	Shackle	Price
<b>145067</b>	I502	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	<b>WEB</b>

**Keyed Lock** For supervisory access. Keyed Lock does not include Control Key. Please specify series number if trying to maintain control by present master key.

Stk.	Mfr.	Body	Shackle	Price
<b>145134</b>	I525	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	<b>WEB</b>

#### Control Key

Stk.	Mfr.	Body	Shackle	Price
<b>145000</b>	I525K			<b>WEB</b>



### Keyed Alike Laminated Padlock

**Master Lock** Commercial grade padlocks feature superior protection from drilling and prying. Laminated steel body for superior strength. Hardened steel shackle for superior cut resistant. Dual locking levers provide extra pry resistance. Non-rekeyable cylinder helps prevent picking.

**Please specify Series No. if maintaining control w/present master key, may be priced slightly higher.**

Stk.	Mfr.	Item	Series No.	Body	Price
<b>144987</b>	7KA	No. 7	P605	1-1/8"W	<b>WEB</b>
<b>144981</b>	3KA	No. 3	3769	1-9/16"W	<b>WEB</b>
<b>144951</b>	1KA	No. 1	2510	1-3/4"W	<b>WEB</b>

## KEY KEEPERS



**494000**

**494002**

### 24" Chrome Bracket Mount Key-Bak®

**Key-Bak** Protect students and meet safety regulations with the retractable Key-Bak by mounting the chuck key to the drill press. Secure pocket-watch-size retractor to any flat surface using its metal bracket attachment. The textured-chrome case houses a 24" stainless steel chain allowing key or tool use at arm's

length and at any angle without detachment. The precision-made Key-Bak has a lifetime service policy.

Stk.	Mfr.	Item	Price
<b>494000</b>	7LSC	Large Swivel w/out Split Ring	<b>WEB</b>
<b>494002</b>	7	Small Swivel w/Split Ring	<b>WEB</b>



### Super 48" Key-Bak®

**Key-Bak** Case made from durable polycarbonate material. Carries up to 15 keys. Attachment to your belt is done either by a metal clip that can convert to a belt loop (with the enclosed pin) or a leather loop that slides onto a belt. Patented ball-joint feature secures the keys firmly in place.

Stk.	Mfr.	Item	Price
<b>494005</b>	S48K	Belt Clip / Loop	<b>WEB</b>
<b>494006</b>	S48-LEK	Leather Loop	<b>WEB</b>

## MAGNETS



**418072**

**418139**

### Power Magnets

**General** Strong and permanent magnets made of aluminum, nickel and cobalt alloy are great for lifting, holding, sorting, clamping or riveting steel or iron parts. Top hole for attaching conveyors, racks & welding jigs.

**Includes** steel keeper.

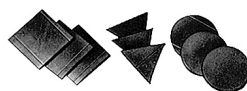
Stk.	Mfr.	Item	Pull	Price
<b>418072</b>	370-1	1 oz.	2-1/4 lbs.	<b>WEB</b>
<b>418139</b>	370-4	4 oz. w/3/16" hole top	22 lbs.	<b>WEB</b>
<b>418206</b>	370-6	6 oz. w/3/16" hole top	30 lbs.	<b>WEB</b>



### Flexible Magnetic Tape

**Master Magnetics** Powerful adhesive backing sticks to most project surfaces. Cuts easily with scissors. All rolls have adhesive on one side and magnetic material on the other.

Stk.	Mfr.	Size	Price
<b>530005</b>	07019	1" x 10'	<b>WEB</b>



### Magnet Assortment

**Master Magnetics** Magnets can be cut into a variety of sizes and shapes.

**Includes** ten 1-1/4" round, ten 1-1/4" square & ten 1-1/4" triangular flex magnets.

Stk.	Mfr.	Price
<b>530010</b>	07257	<b>WEB</b>



### Ceramic Disc Magnet Set

**Master Magnetics** Also known as ferrite magnets, these powerful discs are made from the highest grade ceramic material available giving them unbeatable pull strength.

Ideal for crafters and teachers. Attach to photo frames, calendars, schedules and more. Display on ferrous metal surfaces.

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>943193</b>	07003	3/4" dia. x 3/16"T	8	<b>WEB</b>



### Neodymium Disc Magnet Set

**Master Magnetics** Powerhouse magnetic discs are small, but great for projects that require extreme strength. Magnets can chip if dropped.

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>943194</b>	07046	.472" dia. x 0.118"T each	6	<b>WEB</b>
<b>943195</b>	07047	.709" dia. x 0.118"T each	3	<b>WEB</b>



### Magnetizer & Demagnetizer

**General** Powerful rare earth magnet designed for magnetizing and demagnetizing screwdrivers, nut runners, wrenches, taps and small tools. Converts any tool blade into a magnetic retriever for screws, nuts and metallic particles.

Stk.	Mfr.	Price
<b>418050</b>	360	<b>WEB</b>



### Magnetic Tool Holder

**Master Magnetics** Strong, permanent magnetic bars are designed to hold large or small tools or metal parts firmly. Provides easy grasp and instant release. Black w/yellow Day-Glo striping for high visibility.

Stk.	Mfr.	Length	Price
<b>530000</b>	07661	24"	<b>WEB</b>

## CABLE TIES & VELCRO



### Nylon Cable Ties

**Gardner Bender** Self-locking nylon ties for bundling wire, cables, harnesses and more. 75 lbs. tensile strength.

#### White

Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>942906</b>	46-308	8"	2"	100	<b>WEB</b>
<b>942910</b>	46-308MN	8"	2"	1,000	<b>WEB</b>

#### Black UV resistant.

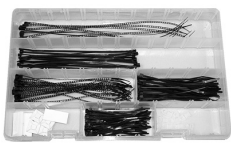
Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>942908</b>	46-310UVB	11"	3"	100	<b>WEB</b>



### 8" Nylon Cable Ties

**Gardner Bender** Double lock cable ties of 100% nylon 6/6 material. Locking teeth on both sides of the tie and at the head ensuring a strong connection. Assorted fluorescent. 75 lbs. tensile strength.

Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>416575</b>	46-308FST	8"	2"	100	<b>WEB</b>



### Cable Tie Assortment

**Fastener Barn Includes** 135 cable ties (4"L - 11"L, 18 lbs. - 50 lbs. tensile strength), 10 adhesive mounts 3/4" x 3/4" & 10 screw mounts 3/4" x 1/2", plus plastic case w/informational top.

Stk.	Mfr.	Qty.	Price
<b>485509</b>	CT99	155	<b>WEB</b>



### 250-Piece Cable Tie Assortment

**Performance Tool Includes** 4" with 18 lb. tensile strength 25 ea. (yellow, blue), 6" with 18 lb. tensile strength 25 ea. (white, black), 8" with 40 lb. tensile strength 25 ea. (red, green), 50 ea. (white, black).

Stk.	Mfr.	Price
<b>976565</b>	W2918	<b>WEB</b>



### Adjustable Cable Tie Gun

**Performance Tool** Automatically flush cuts unused portion of cable tie.

Capacity: 3/32"W to 3/16"W, up to 1/16"T

Stk.	Mfr.	Price
<b>976566</b>	W2919	<b>WEB</b>



### Velcro

### Velcro

Great for indoor and outdoor projects requiring a superior-strength or waterproof fastener. Black industrial-strength strips for strong closures. **Includes** pkg. w/built-in dispenser.

Stk.	Mfr.	Size	Qty.	Price
<b>942810</b>	90199	2"W x 4"L	2 strips	<b>WEB</b>
<b>942812</b>	90197	2"W x 15'L	1 roll	<b>WEB</b>

General purpose black press-on fasteners are great for smooth surfaces such as painted wallboard, glass, metal and most plastics.

Stk.	Mfr.	Size	Qty.	Price
<b>942825</b>	90072	7/8"W x 7/8"L	12 squares	<b>WEB</b>

## RIVET TOOLS



### VHR-1X

**Marson** This rivet tool is made from precision die-cast hardened carbon steel. It works with aluminum, copper, stainless steel, and steel with blind rivet and an angled head.

Sets 1/8", 5/32" and 3/16" rivets.

**Includes** 2 interchangeable nosepieces.

Stk.	Mfr.	Price
<b>868387</b>	79002	<b>WEB</b>



### Medium Duty 10" Slim-nose Riveter

**Stanley** Comfortable, easy-to-squeeze, long handle works for tight spaces. Durable steel construction for any maintenance or repair job.

Spring-loaded handle ejects used rivet stems automatically.

Sets 1/8", 3/32", 5/32" and 3/16" diameter rivets.

Stk.	Mfr.	Price
<b>597349</b>	MR33C	<b>WEB</b>



### MP-3V Air/Hydraulic Riveter

**Marson** Adjustable vacuum-system control inside the mandrel collection bottle controls the force of air to hold a rivet in place. Once set, the vacuum pulls the nail into the bottle and not on the floor. A removable swivel air connection line with air shutoff valve is located at the base to conserve air when not in use.

Sets rivets 3/32" - 3/16".

**Includes** nosepieces, wrenches, collection bottle, hydraulic fluid, fluid applicator, spare jaws and connection line.

Stk.	Mfr.	Operating Pressure	Weight	Price
<b>868417</b>	39045	70-95 psi	2.9 lbs.	<b>WEB</b>



### HP-2® Riveter

**Marson** Square shoulder fulcrum pin made from cold-formed heat-treated steel prevents pin rotation which can elongate the engaging holes and cause premature tool failures. Drop-forged carbon steel upper handle and thick cushion-molded vinyl grips for a comfortable fit through long projects.

Sets steel rivets up to 3/16" dia.

**Includes** 4 mounted nosepieces (3/32", 1/8", 5/32", 3/16").

Stk.	Mfr.	Price
<b>868400</b>	39000	<b>WEB</b>

**HP-2® Rivettool Kit** **Includes** HP-2 Rivettool, 200 assorted rivets and molded case.

Stk.	Mfr.	Price
<b>868401</b>	39001	<b>WEB</b>



### Rivet Assortment

**Performance Tool** Aluminum rivet assortment in molded case.

**Includes** 120 ea. (1/8" x 1/4", 1/8" x 5/16", 1/8" x 3/8", 3/16" x 5/16", 3/16" x 3/8").

Stk.	Mfr.	Qty.	Price
<b>976568</b>	W5228	500	<b>WEB</b>

### Standard Blind Buttonhead Rivets

**Marson** Rivet and Mandrel. For rivet tool kits & hand riveters. Low profile head diameter is twice the rivet body diameter providing adequate bearing surface for nearly all applications. Aluminum rivets are IFI grade 11, Steel Rivets are IFI grade 30.

#### Aluminum IFI grade 11

Stk.	Mfr.	Grip Range	Dia.	Qty.	Price
<b>868328</b>	40200	1/32" - 1/8"	3/32"	500	<b>WEB</b>
<b>868329</b>	40202	1/8" - 1/4"	3/32"	500	<b>WEB</b>
<b>868330</b>	86212	1/16" - 1/8"	1/8"	100	<b>WEB</b>
<b>868331</b>	40212	1/16" - 1/8"	1/8"	500	<b>WEB</b>
<b>868332</b>	86217	3/16" - 1/4"	1/8"	100	<b>WEB</b>
<b>868333</b>	40217	3/16" - 1/4"	1/8"	500	<b>WEB</b>
<b>868334</b>	86221	5/16" - 3/8"	1/8"	100	<b>WEB</b>
<b>868335</b>	40221	5/16" - 3/8"	1/8"	500	<b>WEB</b>
<b>868336</b>	86222	3/8" - 1/2"	1/8"	100	<b>WEB</b>
<b>868337</b>	40222	3/8" - 1/2"	1/8"	500	<b>WEB</b>
<b>868338</b>	86245	1/16" - 1/8"	3/16"	50	<b>WEB</b>
<b>868377</b>	40245	1/16" - 1/8"	3/16"	500	<b>WEB</b>
<b>868340</b>	86247	1/8" - 1/4"	3/16"	50	<b>WEB</b>
<b>868378</b>	40247	1/8" - 1/4"	3/16"	500	<b>WEB</b>
<b>868342</b>	86249	1/4" - 3/8"	3/16"	50	<b>WEB</b>
<b>868379</b>	40249	1/4" - 3/8"	3/16"	500	<b>WEB</b>
<b>868344</b>	86252	3/8" - 1/2"	3/16"	50	<b>WEB</b>
<b>868380</b>	40252	3/8" - 1/2"	3/16"	500	<b>WEB</b>
<b>868347</b>	42281	1/8" - 1/4"	1/4"	100	<b>WEB</b>
<b>868348</b>	42285	3/8" - 1/2"	1/4"	100	<b>WEB</b>

#### Steel IFI grade 30

Stk.	Mfr.	Grip Range	Dia.	Qty.	Price
<b>868351</b>	86112	1/16" - 1/8"	1/8"	100	<b>WEB</b>
<b>868352</b>	40112	1/16" - 1/8"	1/8"	500	<b>WEB</b>
<b>868353</b>	86117	3/16" - 1/4"	1/8"	100	<b>WEB</b>
<b>868354</b>	40117	3/16" - 1/4"	1/8"	500	<b>WEB</b>

### Round Back-Up Washers

**Marson** Washers are .056" - .062" thick. They are used when fastening soft materials or to compensate for oversized holes where access to both sides of the work is possible.

#### Aluminum

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>868322</b>	86657	1/8"	100	<b>WEB</b>
<b>868323</b>	40657	1/8"	500	<b>WEB</b>
<b>868324</b>	86660	3/16"	100	<b>WEB</b>
<b>868325</b>	40660	3/16"	500	<b>WEB</b>

#### Steel

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>868370</b>	86658	1/8"	100	<b>WEB</b>
<b>868371</b>	40658	1/8"	500	<b>WEB</b>

## SCREWS



### Slotted Round Head Wood Screws

**Hillman** 100/pkg.

#### Brass

Stk.	Mfr.	Size	Length	Price
<b>516154</b>	386103	2	1/4"	<b>WEB</b>
<b>516221</b>	386106	2	3/8"	<b>WEB</b>
<b>516422</b>	386091	3	1/2"	<b>WEB</b>
<b>516355</b>	386118	4	3/8"	<b>WEB</b>
<b>516489</b>	386121	4	1/2"	<b>WEB</b>
<b>516623</b>	386124	4	5/8"	<b>WEB</b>
<b>516757</b>	386163	6	5/8"	<b>WEB</b>
<b>516958</b>	386166	6	3/4"	<b>WEB</b>
<b>517293</b>	386172	6	1"	<b>WEB</b>
<b>517092</b>	386208	8	3/4"	<b>WEB</b>
<b>517427</b>	386214	8	1"	<b>WEB</b>
<b>517628</b>	386217	8	1-1/4"	<b>WEB</b>
<b>517829</b>	386220	8	1-1/2"	<b>WEB</b>

#### Zinc-plated Steel

Stk.	Mfr.	Size	Length	Price
<b>523524</b>	20069	6	1/2"	<b>WEB</b>
<b>523792</b>	20072	6	5/8"	<b>WEB</b>
<b>524127</b>	20075	6	3/4"	<b>WEB</b>
<b>524663</b>	20081	6	1"	<b>WEB</b>
<b>525199</b>	20156	8	1-1/4"	<b>WEB</b>
<b>525601</b>	20159	8	1-1/2"	<b>WEB</b>
<b>526137</b>	20162	8	2"	<b>WEB</b>
<b>524395</b>	20221	10	3/4"	<b>WEB</b>
<b>524931</b>	20227	10	1"	<b>WEB</b>
<b>525333</b>	20230	10	1-1/4"	<b>WEB</b>
<b>525735</b>	20233	10	1-1/2"	<b>WEB</b>
<b>526204</b>	20239	10	2"	<b>WEB</b>





## Wood Screw Assortments

Hillman

**.52 lb. Includes** Phillips flat head (#4 x 1/2"), (#6 x 1/2", 3/4"), (#8 x 3/4"), (#10 x 1-1/4") & slotted round head (#6 x 1-1/4"), (#8 x 1").

Stk.	Mfr.	Price
<b>514283</b>	130206	<b>WEB</b>

**1.87 lb. Includes** Phillips flat head (#6 x 3/4", 1", 1-1/2"), (#8 x 3/4", 1", 1-1/4", 1-1/2", 2"), (#10 x 1-1/2"), Phillips brass flat head (#6 x 3/4", 1"), (#8 x 1", 1-1/4"), trim screw (#6 x 1-5/8") & cabinet screw (#8 x 1", 1-1/2").

Stk.	Mfr.	Price
<b>514282</b>	130280	<b>WEB</b>



## Phillips Flat Head Wood Screws

Hillman 100/pkg.

### Brass

Stk.	Mfr.	Size	Length	Price
<b>514260</b>	385618	4	1/2"	<b>WEB</b>
<b>514255</b>	385622	4	3/4"	<b>WEB</b>
<b>514256</b>	385654	6	1/2"	<b>WEB</b>
<b>514262</b>	385658	6	3/4"	<b>WEB</b>
<b>514263</b>	385660	6	1"	<b>WEB</b>
<b>514257</b>	385662	6	1-1/4"	<b>WEB</b>
<b>514264</b>	385700	8	3/4"	<b>WEB</b>
<b>514265</b>	385702	8	1"	<b>WEB</b>
<b>514266</b>	385704	8	1-1/4"	<b>WEB</b>
<b>514269</b>	385706	8	1-1/2"	<b>WEB</b>
<b>514270</b>	385710	8	2"	<b>WEB</b>
<b>514268</b>	385752	10	1-1/4"	<b>WEB</b>
<b>514271</b>	385754	10	1-1/2"	<b>WEB</b>

### Zinc-plated Steel

Stk.	Mfr.	Size	Length	Price
<b>527430</b>	40003	4	1/2"	<b>WEB</b>
<b>527432</b>	40004	4	3/4"	<b>WEB</b>
<b>527433</b>	40005	4	1"	<b>WEB</b>
<b>527440</b>	40012	6	1/2"	<b>WEB</b>
<b>527441</b>	40013	6	5/8"	<b>WEB</b>
<b>527450</b>	40015	6	3/4"	<b>WEB</b>
<b>527460</b>	40021	6	1"	<b>WEB</b>
<b>527472</b>	40024	6	1-1/4"	<b>WEB</b>
<b>527485</b>	40027	6	1-1/2"	<b>WEB</b>
<b>527461</b>	40033	6	2"	<b>WEB</b>
<b>527442</b>	40057	8	1/2"	<b>WEB</b>
<b>527452</b>	40060	8	3/4"	<b>WEB</b>
<b>527462</b>	40063	8	1"	<b>WEB</b>
<b>527474</b>	40066	8	1-1/4"	<b>WEB</b>
<b>527487</b>	40069	8	1-1/2"	<b>WEB</b>
<b>527500</b>	40072	8	1-3/4"	<b>WEB</b>
<b>527510</b>	40075	8	2"	<b>WEB</b>
<b>527520</b>	40081	8	2-1/2"	<b>WEB</b>
<b>527519</b>	40120	10	3/4"	<b>WEB</b>
<b>527464</b>	40123	10	1"	<b>WEB</b>
<b>527476</b>	40126	10	1-1/4"	<b>WEB</b>
<b>527489</b>	40129	10	1-1/2"	<b>WEB</b>
<b>527502</b>	40132	10	1-3/4"	<b>WEB</b>
<b>527512</b>	40135	10	2"	<b>WEB</b>
<b>527522</b>	40138	10	2-1/2"	<b>WEB</b>
<b>527530</b>	40141	10	3"	<b>WEB</b>
<b>527465</b>	40144	12	3/4"	<b>WEB</b>
<b>527466</b>	40147	12	1"	<b>WEB</b>
<b>527491</b>	40153	12	1-1/2"	<b>WEB</b>
<b>527514</b>	40159	12	2"	<b>WEB</b>
<b>527524</b>	40165	12	2-1/2"	<b>WEB</b>
<b>527532</b>	40168	12	3"	<b>WEB</b>



## Flat Head Square Drive Wood Screws

Hillman Zinc coated. 100/pkg.

Stk.	Mfr.	Size	Length	Price
<b>526620</b>	70963	6	1/2"	<b>WEB</b>
<b>526622</b>	70964	6	3/4"	<b>WEB</b>
<b>526624</b>	70965	6	1"	<b>WEB</b>
<b>526625</b>	70966	6	1-1/4"	<b>WEB</b>
<b>526626</b>	70967	6	1-1/2"	<b>WEB</b>
<b>526632</b>	70970	8	3/4"	<b>WEB</b>
<b>526634</b>	70971	8	1"	<b>WEB</b>
<b>526635</b>	70972	8	1-1/4"	<b>WEB</b>
<b>526636</b>	70973	8	1-1/2"	<b>WEB</b>
<b>526638</b>	70975	8	2"	<b>WEB</b>
<b>526640</b>	70976	8	2-1/2"	<b>WEB</b>
<b>526647</b>	70981	10	1-1/4"	<b>WEB</b>
<b>526648</b>	70982	10	1-1/2"	<b>WEB</b>
<b>526651</b>	70984	10	2"	<b>WEB</b>
<b>526652</b>	70985	10	2-1/2"	<b>WEB</b>
<b>526654</b>	70986	10	3"	<b>WEB</b>



## Fine Thread Phillips Drywall Screws

Hillman Hardened steel. Bugle head. Black Phosphate coated.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>514175</b>	39284	6	1"	100	<b>WEB</b>
<b>514177</b>	39288	6	1-1/4"	100	<b>WEB</b>
<b>514180</b>	39290	6	1-5/8"	100	<b>WEB</b>
<b>514182</b>	39291	6	2"	100	<b>WEB</b>
<b>514184</b>	39292	6	2-1/4"	100	<b>WEB</b>
<b>514188</b>	39294	8	2-1/2"	100	<b>WEB</b>
<b>514192</b>	39296	8	3"	100	<b>WEB</b>



## Coarse Thread Phillips Drywall Screws

Hillman Hardened steel. Bugle head. Black Phosphate coated.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>527525</b>	42400	6	1"	100	<b>WEB</b>
<b>527526</b>	42403	6	1-1/4"	100	<b>WEB</b>
<b>527527</b>	42409	6	1-5/8"	100	<b>WEB</b>
<b>527528</b>	42415	6	2"	100	<b>WEB</b>
<b>527529</b>	42421	8	2-1/2"	100	<b>WEB</b>
<b>527531</b>	42424	8	3"	100	<b>WEB</b>
<b>527535</b>	47123	6	1"	1,760, 5 lb.	<b>WEB</b>
<b>527537</b>	47125	6	1-1/4"	1,465, 5 lb.	<b>WEB</b>
<b>527538</b>	47126	6	1-5/8"	1,105, 5 lb.	<b>WEB</b>
<b>527539</b>	47127	6	2"	955, 5 lb.	<b>WEB</b>
<b>527540</b>	47128	6	2-1/4"	860, 5 lb.	<b>WEB</b>
<b>527541</b>	47129	8	2-1/2"	560, 5 lb.	<b>WEB</b>
<b>527542</b>	47130	8	3"	510, 5 lb.	<b>WEB</b>



## Hex Head Lag Screws

Hillman Zinc-plated Steel

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>527813</b>	230021	1/4"	3"	100	<b>WEB</b>
<b>527823</b>	230057	5/16"	3"	100	<b>WEB</b>
<b>527833</b>	230089	3/8"	3"	50	<b>WEB</b>
<b>527840</b>	230131	1/2"	4"	25	<b>WEB</b>



### Round Head Combo Machine Screws

**Hillman** Zinc plated.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>527895</b>	90120	6-32	3/8"	100	<b>WEB</b>
<b>527896</b>	90123	6-32	1/2"	100	<b>WEB</b>
<b>527897</b>	90129	6-32	3/4"	100	<b>WEB</b>
<b>527898</b>	90134	6-32	1"	100	<b>WEB</b>
<b>527900</b>	90140	6-32	1-1/2"	100	<b>WEB</b>
<b>527902</b>	90179	8-32	1/2"	100	<b>WEB</b>
<b>527904</b>	90191	8-32	1"	100	<b>WEB</b>
<b>527906</b>	90197	8-32	1-1/2"	100	<b>WEB</b>
<b>527907</b>	90203	8-32	2"	100	<b>WEB</b>
<b>527910</b>	90293	10-32	1/2"	100	<b>WEB</b>
<b>527912</b>	90305	10-32	1"	100	<b>WEB</b>
<b>527914</b>	90311	10-32	1-1/2"	100	<b>WEB</b>
<b>527915</b>	90317	10-32	2"	100	<b>WEB</b>
<b>527935</b>	90383	1/4-20	1/2"	100	<b>WEB</b>
<b>527937</b>	90395	1/4-20	1"	100	<b>WEB</b>
<b>527939</b>	90401	1/4-20	1-1/2"	100	<b>WEB</b>
<b>527940</b>	90407	1/4-20	2"	100	<b>WEB</b>



### Pan Head Combo Sheet Metal Screws

**Hillman** Type AB. Zinc-plated Steel. 100/pkg.

Stk.	Mfr.	Size	Length	Price
<b>526681</b>	73997	4	3/8"	<b>WEB</b>
<b>526682</b>	73998	4	1/2"	<b>WEB</b>
<b>526685</b>	74003	6	3/8"	<b>WEB</b>
<b>526686</b>	74006	6	1/2"	<b>WEB</b>
<b>526687</b>	74007	6	5/8"	<b>WEB</b>
<b>526688</b>	74009	6	3/4"	<b>WEB</b>
<b>526689</b>	74012	6	1"	<b>WEB</b>
<b>526694</b>	74021	8	3/8"	<b>WEB</b>
<b>526695</b>	74024	8	1/2"	<b>WEB</b>
<b>526697</b>	74027	8	3/4"	<b>WEB</b>
<b>526698</b>	74030	8	1"	<b>WEB</b>
<b>526699</b>	74033	8	1-1/4"	<b>WEB</b>
<b>526700</b>	74036	8	1-1/2"	<b>WEB</b>
<b>526703</b>	74045	10	1/2"	<b>WEB</b>
<b>526705</b>	74048	10	3/4"	<b>WEB</b>
<b>526706</b>	74051	10	1"	<b>WEB</b>
<b>526707</b>	74054	10	1-1/4"	<b>WEB</b>
<b>526708</b>	74057	10	1-1/2"	<b>WEB</b>
<b>526711</b>	74066	12	3/4"	<b>WEB</b>
<b>526712</b>	74069	12	1"	<b>WEB</b>
<b>526713</b>	74072	12	1-1/4"	<b>WEB</b>
<b>526714</b>	74075	12	1-1/2"	<b>WEB</b>



### Phillips Pan Head Self Drilling Sheet Metal Screws

**Hillman** Zinc plated. 100/pkg.

Stk.	Mfr.	Size	Length	Price
<b>526746</b>	560270	8	1/2"	<b>WEB</b>
<b>526747</b>	560274	8	3/4"	<b>WEB</b>
<b>526748</b>	560276	8	1"	<b>WEB</b>
<b>526749</b>	560280	8	1-1/2"	<b>WEB</b>
<b>526751</b>	560288	10	3/4"	<b>WEB</b>
<b>526752</b>	560290	10	1"	<b>WEB</b>



### Hex Washer Head Self Drilling Sheet Metal Screws

**Hillman** Zinc plated. 100/pkg.

Stk.	Mfr.	Size	Length	Price
<b>526753</b>	560332	10	1"	<b>WEB</b>
<b>526754</b>	560336	10	1-1/2"	<b>WEB</b>
<b>526756</b>	560358	12	1"	<b>WEB</b>
<b>526757</b>	560362	12	1-1/2"	<b>WEB</b>



### Phillips Flat Head Machine Screws

**Hillman** Zinc plated.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>527550</b>	101033	6-32	1/2"	100	<b>WEB</b>
<b>527551</b>	101036	6-32	3/4"	100	<b>WEB</b>
<b>527552</b>	101038	6-32	1"	100	<b>WEB</b>
<b>527556</b>	101053	8-32	1/2"	100	<b>WEB</b>
<b>527557</b>	101056	8-32	3/4"	100	<b>WEB</b>
<b>527558</b>	101058	8-32	1"	100	<b>WEB</b>
<b>527559</b>	101059	8-32	1-1/4"	100	<b>WEB</b>
<b>527562</b>	101098	10-32	1/2"	100	<b>WEB</b>
<b>527564</b>	101102	10-32	1"	100	<b>WEB</b>
<b>526740</b>	101075	10-24	1/2"	100	<b>WEB</b>
<b>527570</b>	101079	10-24	1"	100	<b>WEB</b>
<b>527571</b>	101080	10-24	1-1/4"	100	<b>WEB</b>
<b>527572</b>	101081	10-24	1-1/2"	100	<b>WEB</b>
<b>527583</b>	101139	1/4-20	1"	100	<b>WEB</b>
<b>527584</b>	101140	1/4-20	1-1/4"	100	<b>WEB</b>
<b>527585</b>	101141	1/4-20	1-1/2"	100	<b>WEB</b>
<b>527586</b>	101143	1/4-20	2"	100	<b>WEB</b>

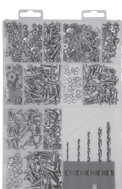


### Machine Screw Assortment 180-Piece

**Fastener Barn** Zinc-plated steel machine screw assortment in plastic case.

**Includes** flat head and pan head screws 6-32 (1/4", 3/8", 1/2"), 8-32 (1/4", 3/8", 1/2"), 10-32 (3/8", 1/2", 3/4"), 1/4"-20 (1/2", 3/4", 1") and hex nuts (6-32, 8-32, 10-32, 1/4"-20).

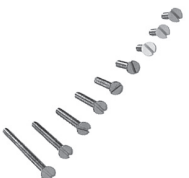
Stk.	Mfr.	Qty.	Price
<b>485522</b>	MS101	180	<b>WEB</b>



### Machine Screw Assortment 2.2 lbs.

**Hillman Includes** screws (6-32 x 1/2", 3/4", 1"), (10-24 x 1/2" & 1"), (8-32 x 1"), hex nuts (6-32, 8-32, 10-24), flat & split lock washers (#6, #8, #10) & high speed cobalt drill bits (1/8", 5/32", 3/16", 7/32", 1/4").

Stk.	Mfr.	Qty.	Price
<b>514281</b>	130281	2.2 lb.	<b>WEB</b>



### Electrician's Screw Assortment Kit

**Gardner Bender** Commonly used electrical machine screws. Slotted round-head screws for switches, receptacles & outlet applications. Zinc-plated steel.

**Includes** 8-32 round head screws 1/2", 3/4", 1", 1-1/4", 1-1/2" & 2".

Stk.	Mfr.	Qty./Pkg.	Price
<b>416826</b>	SK-832T	120	<b>WEB</b>

## ANCHORS



### Plastic Anchor Kits

**Hillman** Light duty anchors for mounting almost anything on masonry or hollow walls. Kits feature a tungsten carbide-tipped masonry drill bit.

**Phillips Pan Head 8-10 x 7/8" Includes** 100 anchors (8-10 x 7/8"), 100 Phillips pan head screws (8 x 1", steel/zinc) & 3/16" x 3" carbide masonry drill bit.

Stk.	Mfr.	Qty./Pkg.	Price
<b>526803</b>	373503	201	<b>WEB</b>

**Slotted Pan Head 8-10 x 7/8" Includes** 100 anchors (8-10 x 7/8"), 100 slotted pan head screws (8 x 1", steel/zinc) & 3/16" x 3" masonry drill bit.

Stk.	Mfr.	Qty./Pkg.	Price
<b>526800</b>	370350	201	<b>WEB</b>

**Slotted Pan Head 10-12 x 1" Includes** 100 anchors (10-12 x 1"), 100 slotted pan head screws (10 x 1", steel/zinc) & 1/4" x 4" masonry drill bit.

Stk.	Mfr.	Qty./Pkg.	Price
<b>526801</b>	370351	201	<b>WEB</b>

**Slotted Pan Head 14-16 x 1-3/8" Includes** 50 anchors (14-16 x 1-3/8"), 50 slotted pan head screws (14 x 1", steel/zinc) & 5/16" x 4" masonry drill bit.

Stk.	Mfr.	Qty./Pkg.	Price
<b>526802</b>	370353	101	<b>WEB</b>



### Tapper® Concrete Screw Anchors

**Hillman** Hex washer slotted or Phillips flat head tapper screw anchors with bit. Blue Perma-Seal™ coating. Also great with brick and hollow block. Building code approved. 1" min. embedment. 100/Box.

### Hex Washer Slotted

Stk.	Mfr.	Size	Max. Load @ 4000 psi	Price
<b>514310</b>	375288	3/16" x 2-1/4"	235 lbs.	<b>WEB</b>
<b>514280</b>	375294	1/4" x 1-3/4"	355 lbs.	<b>WEB</b>
<b>514311</b>	375295	1/4" x 2-1/4"	370 lbs.	<b>WEB</b>

### Flat Phillips

Stk.	Mfr.	Size	Max. Load @ 4000 psi	Price
<b>514312</b>	375302	3/16" x 2-1/4"	235 lbs.	<b>WEB</b>
<b>514313</b>	375309	1/4" x 2-1/4"	370 lbs.	<b>WEB</b>



### Tapper® 1000 Concrete Anchor Installation Tool

**Hillman** 2-step multipurpose tool for drilling/driving all sizes and styles of Tapper Concrete Screw Anchors. Fits standard hammer drill chuck.

**Includes** drill adapter, Phillips bit adapter, drive sleeve, 2 Phillips bits (#'s 2 & 3), 2 hex drivers (1/4" & 5/16"), hex key & molded case.

Stk.	Mfr.	Price
<b>514307</b>	375000	<b>WEB</b>

### Tapper® Drill Bits



**Hillman** Carbide-tipped bit drills into brick, concrete and hollow block for concrete anchor insertion.

Stk.	Mfr.	Bit Size (dia. x L)	For use w/Anchor Size (dia. x L)	Price
<b>514309</b>	375224	3/16" x 4-1/2"	1/4" x 2-1/4" - 2-3/4"	<b>WEB</b>
<b>514308</b>	375221	5/32" x 4-1/2"	3/16" x 2-1/4" - 2-3/4"	<b>WEB</b>

## BOLTS



### Coarse Thread Hex Bolts

**Hillman** Low carbon. Zinc-plated Steel.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>527656</b>	190009	1/4-20	3/4"	100	<b>WEB</b>
<b>527658</b>	190015	1/4-20	1"	100	<b>WEB</b>
<b>527661</b>	190021	1/4-20	1-1/2"	100	<b>WEB</b>
<b>527663</b>	190027	1/4-20	2"	100	<b>WEB</b>
<b>527665</b>	190033	1/4-20	2-1/2"	100	<b>WEB</b>
<b>527667</b>	190039	1/4-20	3"	100	<b>WEB</b>
<b>527671</b>	190084	5/16-18	3/4"	100	<b>WEB</b>
<b>527672</b>	190090	5/16-18	1"	100	<b>WEB</b>
<b>527674</b>	190096	5/16-18	1-1/2"	100	<b>WEB</b>
<b>527676</b>	190102	5/16-18	2"	100	<b>WEB</b>
<b>527678</b>	190108	5/16-18	2-1/2"	100	<b>WEB</b>
<b>527680</b>	190114	5/16-18	3"	100	<b>WEB</b>
<b>527682</b>	190159	3/8-16	3/4"	100	<b>WEB</b>
<b>527683</b>	190165	3/8-16	1"	100	<b>WEB</b>
<b>527685</b>	190171	3/8-16	1-1/2"	100	<b>WEB</b>
<b>527686</b>	190177	3/8-16	2"	100	<b>WEB</b>
<b>527688</b>	190183	3/8-16	2-1/2"	50	<b>WEB</b>
<b>527690</b>	190189	3/8-16	3"	50	<b>WEB</b>
<b>527695</b>	190243	7/16-14	1"	100	<b>WEB</b>
<b>527697</b>	190249	7/16-14	1-1/2"	50	<b>WEB</b>
<b>527699</b>	190255	7/16-14	2"	50	<b>WEB</b>
<b>527705</b>	190294	1/2-13	1"	50	<b>WEB</b>
<b>527707</b>	190300	1/2-13	1-1/2"	50	<b>WEB</b>
<b>527709</b>	190306	1/2-13	2"	50	<b>WEB</b>
<b>527711</b>	190312	1/2-13	2-1/2"	50	<b>WEB</b>
<b>527713</b>	190318	1/2-13	3"	50	<b>WEB</b>



### Coarse Thread Carriage Bolts

**Hillman** Zinc-plated Steel. 100/pkg.

Stk.	Mfr.	Size	Length	Price
<b>527762</b>	240012	1/4-20	1"	<b>WEB</b>
<b>527763</b>	240015	1/4-20	1-1/4"	<b>WEB</b>
<b>527764</b>	240018	1/4-20	1-1/2"	<b>WEB</b>
<b>527765</b>	240021	1/4-20	1-3/4"	<b>WEB</b>
<b>527766</b>	240024	1/4-20	2"	<b>WEB</b>
<b>527768</b>	240030	1/4-20	2-1/2"	<b>WEB</b>
<b>527770</b>	240036	1/4-20	3"	<b>WEB</b>



### Hanger Bolts

**Southern Screw** Hanger bolts only with fluted center.

Stk.	Mfr.	Finish	Size	Qty./Pkg.	Price
<b>834000</b>	HANGER	Dark Metal	5/16"-18 x 2-1/2"	12	<b>WEB</b>

## NUTS



### Machine Screw Hex Nuts

**Hillman** Zinc-plated steel.

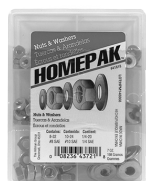
Stk.	Mfr.	Size	Qty.	Price
<b>527600</b>	140009	4-40	100	<b>WEB</b>
<b>527604</b>	140015	6-32	100	<b>WEB</b>
<b>527606</b>	140018	8-32	100	<b>WEB</b>
<b>527608</b>	140024	10-32	100	<b>WEB</b>
<b>527610</b>	140021	10-24	100	<b>WEB</b>



### Coarse Thread Hex Nuts

**Hillman** Zinc-plated steel.

Stk.	Mfr.	Size	Qty.	Price
<b>527850</b>	150003	1/4-20	100	<b>WEB</b>
<b>527852</b>	150006	5/16-18	100	<b>WEB</b>
<b>527854</b>	150009	3/8-16	100	<b>WEB</b>
<b>527856</b>	150012	7/16-14	50	<b>WEB</b>
<b>527858</b>	150015	1/2-13	50	<b>WEB</b>
<b>527860</b>	150021	5/8-11	25	<b>WEB</b>
<b>527862</b>	150024	3/4-10	20	<b>WEB</b>



### Hex Nut & Washer Assortment

**Hillman** Zinc-plated steel.

**Includes** SAE flat washers (#8, #10, 1/4") & coarse head hex nuts (8-32, 10-24, 1/4"-20).

Stk.	Mfr.	Qty./Pkg.	Price
<b>523995</b>	41818	180 (approx.)	<b>WEB</b>



### Locknut Assortment

**Fastener Barn** Nylon insert locknuts

**Includes** (25) 10-24 coarse thread, (35) 1/4-20 coarse thread, (25) 1/4-28 fine thread, (30) 5/16-18 coarse thread, (25) 3/8-16 coarse thread, (10) 1/2-13 coarse thread & case.

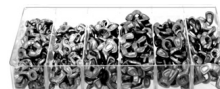
Stk.	Mfr.	Qty./Pkg.	Price
<b>485520</b>	LN99	150	<b>WEB</b>



### Steel Wing Nuts

**Hillman** Type A wing nuts. Cold forged, zinc-plated steel.

Stk.	Mfr.	Size	Qty.	Price
<b>527620</b>	180243	10-24	100	<b>WEB</b>
<b>527622</b>	180249	1/4-20	100	<b>WEB</b>
<b>527624</b>	180252	5/16-18	100	<b>WEB</b>
<b>527626</b>	180255	3/8-16	100	<b>WEB</b>



### Wing Nut Assortment

**Fastener Barn** Cadmium-plated, forged steel.

**Includes** (30) 10-24 (3/16") dia. coarse thread, (30) 10-32 (3/16") dia. fine thread, (25) 1/4-20 dia. coarse thread, (25) 1/4-28 dia. fine thread, (20) 5/16-18 dia. coarse thread, (20) 5/16-24 dia. fine thread & plastic storage case.

Stk.	Mfr.	Qty./Pkg.	Price
<b>485550</b>	WN99	150	<b>WEB</b>



### Tee Nuts

**Hillman** Strong, easy-to-fix economical anchor for wood and fiberboard. Insert into pre-drilled hole and hammer into place. Pronged nut is self-locking to prevent rotation. Zinc.

Stk.	Mfr.	Thread Size	Qty.	Price
<b>514316</b>	180294	10-24	100	<b>WEB</b>
<b>514317</b>	180295	10-32	100	<b>WEB</b>
<b>514318</b>	180297	1/4-20	100	<b>WEB</b>
<b>514319</b>	180300	5/16-18	100	<b>WEB</b>
<b>514320</b>	180303	3/8-16	100	<b>WEB</b>

## WASHERS



### Countersunk Finishing Washers

**Hillman** Nickel-plated steel.

Stk.	Mfr.	Size	Qty.	Price
<b>942400</b>	310167	#6	100	<b>WEB</b>
<b>942403</b>	310170	#8	100	<b>WEB</b>
<b>942406</b>	310173	#10	100	<b>WEB</b>



### Flat Washers

**Hillman** SAE flat washers. Zinc-plated steel.

Stk.	Mfr.	Size	Qty.	Price
<b>527630</b>	280056	1/4"	100	<b>WEB</b>
<b>527631</b>	280058	5/16"	100	<b>WEB</b>
<b>527632</b>	280060	3/8"	100	<b>WEB</b>
<b>527634</b>	280062	7/16"	50	<b>WEB</b>
<b>527636</b>	280064	1/2"	50	<b>WEB</b>



### Split Lock Washers

**Hillman** Hardened steel.

Stk.	Mfr.	Size	Qty.	Price
<b>527640</b>	300018	1/4"	100	<b>WEB</b>
<b>527641</b>	300021	5/16"	100	<b>WEB</b>
<b>527642</b>	300024	3/8"	100	<b>WEB</b>
<b>527638</b>	300027	7/16"	50	<b>WEB</b>
<b>527646</b>	300030	1/2"	50	<b>WEB</b>
<b>527639</b>	300036	5/8"	25	<b>WEB</b>
<b>527647</b>	300039	3/4"	20	<b>WEB</b>



### Flat & Lock Washer Assortment

**Hillman** Assortment of flat and lock washers.

**Includes** SAE flat washers (#10, 1/4", 5/16", 3/8") & split lock washers (#10, 1/4", 5/16", 3/8").

Stk.	Mfr.	Price
<b>514284</b>	130208	<b>WEB</b>

## NAILS, PINS & BRADS



### Flat Head Wire Nails

**Hillman**

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>514368</b>	122546	16	3/4"	2 oz.	<b>WEB</b>
<b>514372</b>	122552	16	1"	2 oz.	<b>WEB</b>
<b>514375</b>	122555	16	1-1/4"	1.75 oz.	<b>WEB</b>
<b>514377</b>	122558	16	1-1/2"	1.75 oz.	<b>WEB</b>
<b>514369</b>	122547	17	3/4"	2 oz.	<b>WEB</b>
<b>514373</b>	122553	17	1"	2 oz.	<b>WEB</b>
<b>514376</b>	122556	17	1-1/4"	1.75 oz.	<b>WEB</b>
<b>514366</b>	122542	18	1/2"	1.75 oz.	<b>WEB</b>
<b>514367</b>	122544	18	5/8"	2 oz.	<b>WEB</b>
<b>514370</b>	122548	18	3/4"	2 oz.	<b>WEB</b>
<b>514371</b>	122550	18	7/8"	2 oz.	<b>WEB</b>
<b>514374</b>	122554	18	1"	2 oz.	<b>WEB</b>





### Finishing Nails

**Hillman** Bright finish, smooth shank with broad head for countersinking. Ideal for finely finished woodwork.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>514335</b>	461369	3D	1-1/4"	1 lb.	<b>WEB</b>
<b>514336</b>	461370	4D	1-1/2"	1 lb.	<b>WEB</b>
<b>514340</b>	461603	4D	1-1/2"	5 lb.	<b>WEB</b>
<b>514337</b>	461371	6D	2"	1 lb.	<b>WEB</b>
<b>514338</b>	461372	6D	2"	5 lb.	<b>WEB</b>



### Common Nails

**Hillman** Bright common nail. 5 lb. box.

Stk.	Mfr.	Size	Length	Price
<b>514330</b>	461356	6D	2"	<b>WEB</b>
<b>514331</b>	461358	8D	2-1/2"	<b>WEB</b>
<b>514332</b>	461360	10D	3"	<b>WEB</b>
<b>514333</b>	461362	12D	3-1/2"	<b>WEB</b>
<b>514334</b>	461364	16D	3-1/2"	<b>WEB</b>
<b>514339</b>	461528	20D	4"	<b>WEB</b>



### Wire Brads

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>514354</b>	122504	16	3/4"	2 oz.	<b>WEB</b>
<b>514358</b>	122509	16	1"	2 oz.	<b>WEB</b>
<b>514361</b>	122513	16	1-1/4"	2 oz.	<b>WEB</b>
<b>514364</b>	122516	16	1-1/2"	1.75 oz.	<b>WEB</b>
<b>514355</b>	122505	17	3/4"	1.75 oz.	<b>WEB</b>
<b>514359</b>	122510	17	1"	2 oz.	<b>WEB</b>
<b>514362</b>	122514	17	1-1/4"	2 oz.	<b>WEB</b>
<b>514365</b>	122517	17	1-1/2"	1.75 oz.	<b>WEB</b>
<b>514356</b>	122506	18	3/4"	2 oz.	<b>WEB</b>
<b>514357</b>	122508	18	7/8"	2 oz.	<b>WEB</b>
<b>514360</b>	122511	18	1"	2 oz.	<b>WEB</b>
<b>514363</b>	122515	18	1-1/4"	2 oz.	<b>WEB</b>
<b>514350</b>	122500	19	1/2"	1.75 oz.	<b>WEB</b>
<b>514353</b>	122503	19	5/8"	2 oz.	<b>WEB</b>
<b>514351</b>	122501	20	1/2"	1.75 oz.	<b>WEB</b>



### Nail & Brad Assortment

**Hillman** 6 sizes of assorted brads and nails.

**Includes** plastic case.

Stk.	Mfr.	Qty.	Price
<b>523996</b>	41826	7 oz.	<b>WEB</b>



### Brass-plated Escutcheon Pins

**Hillman** Brass-plated hobby nails.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>514380</b>	122620	16	3/4"	1.5 oz.	<b>WEB</b>
<b>514383</b>	122623	16	1"	1.5 oz.	<b>WEB</b>
<b>514378</b>	122618	18	1/2"	1.5 oz.	<b>WEB</b>
<b>514379</b>	122619	18	5/8"	1.5 oz.	<b>WEB</b>
<b>514382</b>	122622	18	3/4"	1.5 oz.	<b>WEB</b>
<b>514381</b>	122621	18	1"	1.5 oz.	<b>WEB</b>

## HARDWARE & FASTENER ASSORTMENTS



### 160-Piece Cotter Pin Assortment

**Hillman** Zinc-plated steel pins.

**Includes** 1/16" x 3/4" to 3/32" x 1-1/4".

Stk.	Mfr.	Price
<b>523998</b>	41857	<b>WEB</b>



### 555-Piece Cotter Pin Assortment

**Fastener Barn** Electro galvanized pins with extended prong, popular diameters and extra long lengths for all applications.

**Includes** (150) 1/16"D x 1"L, (150) 3/32"D x 1"L, (100) 3/32"D x 1-3/4"L, (75) 1/8"D x 1-1/2"L, (50) 1/8"D x 2", (30) 5/32"D x 2-1/2"L & plastic storage case.

Stk.	Mfr.	Price
<b>485506</b>	CP99	<b>WEB</b>



### Allen Head Screw Assortment

**Fastener Barn** Alloy steel cup point screws.

**Includes** plastic case and screws: fine thread:

(20) 1/4-28 dia. x 1/4"L, (20) 5/16-24 dia. x 3/8"L, (10) 3/8-24 dia. x 3/8"L & coarse thread:

(10) #5-40 dia. x 3/16"L, (10) #8-32 dia. x 3/16"L, (10) #10-24 dia. x 1/4"L, (30) 1/4-20 dia. x 1/4"L, (20) 1/4-20 dia. x 3/8"L, (30) 5/16-18 dia. x 3/8"L, (20) 5/16-18 dia. x 1/2"L, (10) 3/8-16 dia. x 3/8"L, (10) 3/8-16 dia. x 1/2"L.

Stk.	Mfr.	Qty./Pkg.	Price
<b>485500</b>	AS99	200	<b>WEB</b>



### Roll Pin Assortment

**Fastener Barn** Replaces majority of pin requirements. Carbon steel pins, plain finish.

**Includes** plastic case, plus pins: 10 ea. (5/32" dia.) 5/8", 1" & 1-1/2", 10 ea. (5/64" dia.) 1/4",

1/2" & 1", 10 ea. (1/16" dia.) 3/16", 3/4" & 5/16", 10 ea. (3/32" dia.) 5/8", 1" & 1-1/4", 15 ea. (1/8" dia.) 5/8", 1" & 1-1/4", 10 ea. (1/4" dia.) 5/8", 1-1/4" & 1-3/4", 10 ea. (5/16" dia.) 3/4", 1-1/2" & 2", 5 ea. (3/8" dia.) 3/4", 1-1/2" & 2", 10 ea. (7/32" dia.) 5/8", 1-1/4" & 1-3/4" & 15 ea. (3/16" dia.) 5/8", 1" & 1-1/4".

Stk.	Mfr.	Qty./Pkg.	Price
<b>485530</b>	RP99	315	<b>WEB</b>



### Snap Ring Assortment

**Fastener Barn** High quality carbon spring steel.

**Includes** plastic case, plus rings: (30) 1/4" (.250 dia.), (20) 5/16" (.312 dia.), (50) 3/8" (.375 dia.),

(20) 7/16" (.438 dia.), (50) 1/2" (.500 dia.), (20) 9/16" (.562 dia.), (30) 5/8" (.625 dia.), (35) 3/4" (.750 dia.), (10) 13/16" (.812 dia.), (20) 7/8" (.875 dia.), (10) 1" (1.000 dia.), (5) 1-1/4" (1.250 dia.).

Stk.	Mfr.	Qty./Pkg.	Price
<b>485542</b>	SR99	300	<b>WEB</b>



### Square Key Assortment

**Fastener Barn** Carbon steel keys with square ends. All 1-1/2"L.

**Includes** plastic case plus, (15) 1/8" x 1/8", (15) 3/16" x 3/16", (10) 1/4" x 1/4", (10) 5/16" x 5/16", (5) 3/8" x 3/8", (5) 1/2" x 1/2".

Stk.	Mfr.	Qty./Pkg.	Price
<b>485538</b>	SK99	60	<b>WEB</b>

## LADDERS & STEP STOOLS



### Folding Step Stool

**Honey Can Do** Sturdy design and durable plastic construction allow it to support up to 300 lbs. Folds from a 12.75"H down to an easy-to-store 1.75"W. Convenient carrying handle with skid-resistant top and feet. Gray/Black.

Stk.	Mfr.	Size	Price
<b>350000</b>	TBL-02977	14.75"L x 12"W x 13"H	<b>WEB</b>



### Extra Heavy-duty Type IA Fiberglass Ladder

**Werner** With a duty rating of 300 lbs., the Type IA ladder features a HolsterTop® with the Lock-In System to secure tools while keeping them at hand. The ladder offers a full set of rear horizontals and heavy-duty internal spreaders. All steps are knee braced and the foot pads are riveted to the EDGE® structure. EDGE bracing helps protect the rail from damage. Each Traction-Tred® step is slip resistant and double riveted. Fiberglass rails are non-conductive for working near electricity.

Stk.	Mfr.	Size	Width	Spread	Weight	Price
<b>967650</b>	6204	4'	19-7/8"	29"	16 lbs.	<b>WEB</b>
<b>967651</b>	6205	5'	21-5/8"	35-1/8"	19 lbs.	<b>WEB</b>

## VACUUMS



### Dust Extractor

**Festool** Whether used on the construction site or in the workshop, the Cleantech dust extractor provides maximum volume with compact dimensions. The extremely compact high-performance turbine provides 96" static water lift. The flat filter fully integrated in the suction head ensures the full volume is utilized. Equipped with swiveling castor wheels and rear wheels for optimum mobility. Locking brake, 25' cord, hose garage and cable windup. Air flow 138 CFM.

**Includes** filter bag, 11-1/2' x 1-1/16" antistatic hose, hose holder, Sys-Dock with T-LOC function and cable holder.

Stk.	Mfr.	Item	Price
<b>404656</b>	577083	CT 26	<b>WEB</b>
<b>404655</b>	577084	CT 36	<b>WEB</b>



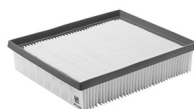
### CT 15 Dust Extractor Vacuum

**Festool** With a 3.96 gallon (15 L) container volume, this unit extracts dust, dirt, and water over long periods of time without having to change the filter bag. The compact dimensions, low weight, and robust chassis make it easy to move around the classroom. The main filter is accessible from the exterior, making it quick and easy to replace. Cleaning accessories have their own storage, plus there's a flat storage area for consumables. An elastic tie-down strap secures the vacuum hose to the top of the unit for convenient transportation.

Air flow 130 CFM. Capacity 3.96 gal. Size 18-1/2"L x 12-19/32"W x 17-1/8"H. Weight 24.69 lbs.

**Includes** crevice and upholstery nozzles, hose and filter bag.

Stk.	Mfr.	Price
<b>404657</b>	577413	<b>WEB</b>



### HEPA Filter

**Festool** Replacement high-performance filter optimized for the CT 48 AutoClean. Filters 99.97% of particles down to 0.3 micron in size. Easy, tool-free installation.

Stk.	Mfr.	Qty.	Price
<b>404424</b>	20412	1	<b>WEB</b>



### SelfClean Filter Bag

**Festool** Self-cleaning design eliminates dust from caking inside the bag ensuring maximum suction efficiency.

Stk.	Mfr.	Fits	Qty.	Price
<b>404420</b>	204308	CT MIDI I, CT MINI I	5	<b>WEB</b>
<b>404510</b>	496186	CT 36	5	<b>WEB</b>
<b>404511</b>	496187	CT 26	5	<b>WEB</b>



### Handle for Dust Extractor

**Festool** Steel and aluminium stores handle cleaning accessories (hand tube, 3 extension pipes and floor nozzle). For CT MINI and CT MIDI units manufactured from 2019 onwards as well as CT 15.

Stk.	Mfr.	Price
<b>404422</b>	204310	<b>WEB</b>



### Compact Cleaning Set with Systainer

#### Festool

**Includes** curved hand tube, extension pipes, interchangeable floor nozzle, crevice nozzle, upholstery brush and Systainer SYS3 M 112.

Stk.	Mfr.	Price
<b>404651</b>	576839	<b>WEB</b>



### Suction Hose, 11.5'

**Festool** Smooth elastic, conical, with smooth outer skin for significantly improved handling, a longer service life and increased suction power. The Cleantec extraction sleeve ensures a secure fit.

Stk.	Mfr.	Size	Price
<b>404425</b>	204921	11.5'L x 1-1/16"	<b>WEB</b>

### 1.5 Gallon Wet/Dry Vacuum



**Vacmaster** Lightweight, compact, and portable, this wet/dry vacuum is the perfect tool for quick clean-ups. The included attachments will help tackle hard to reach places on a variety of surfaces. When clean-up is done, most accessories can be stored on the vacuum.

**Includes** 4' x 1-1/4" hose, crevice tool, utility nozzle, wall mount bracket, reusable cloth filter and foam wet filter.

Stk.	Mfr.	Gal	HP	CFM	Price
<b>948000</b>	VH105	1.5	2	42	<b>WEB</b>



#### ProPack 4.5 Gal. Wet/Dry Vacuum

**Ridgid** The unique toolbox design offers portability and the expanding hose, accessories and 20' power cord fit inside the vac keeping everything organized and close at hand. Cush-

ioned handle folds away for storage. Filter cartridge changes are easy and toolless. UL listed.

Air flow 103 cfm. Capacity 4.5 gal. wet/dry. Size 21.2" x 16.3" x 13.2". Weight 16.5 lbs.

**Includes** 2 extension wands, 1-7/8" x 2'-7' expanding hose, utility nozzle, dusting brush, crevice tool and fine dust filter.

Stk.	Mfr.	Volts	Amps	Price
<b>692573</b>	50318	120	6	<b>WEB</b>



#### 5 Gallon Wall Mount Wet/Dry Vacuum

**Vacmaster** This 5 HP, 8 Amp vacuum is the perfect combination of performance and convenience. The ultra quiet, 2-stage motor is powerful enough to handle any job. Vac features an easy-to-use remote control setting that allows the user to turn the vac on and off from the end of the contour handle.

**Includes** 10' flex and 11' standard hoses (1-7/8" dia.), 20' power cord, 2 extension wands, washable cartridge filter, reusable foam sleeve filter, blower nozzle, utility nozzle, car nozzle, crevice tool, storage rack and remote control handle.

Stk.	Mfr.	Gal	HP	CFM	Price
<b>948050</b>	VVMB508	5	5	110	<b>WEB</b>



#### 8 Gallon Wet/Dry Vacuum

**Vacmaster** This wet/dry vacuum with 4 HP motor makes cleanup easy, whether it's dust collection or liquid spills. The balanced top handle design and durable, wide stance casters provide stable transportation. On-board hose, cord and accessory storage keeps all of the attachments in one place.

**Includes** 7' x 1-7/8" hose, 2 extension wands, floor brush/squeegee nozzle, 2-in-1 utility nozzle, standard cartridge filter, and foam wet filter.

Stk.	Mfr.	Gal	HP	CFM	Price
<b>948030</b>	VOC809PF	8	4	75	<b>WEB</b>



#### 10 Gallon Wet/Dry Vacuum with Detachable Blower

**Vacmaster** 2-in-1 unit that allows users to switch between a wet/dry vacuum and a high powered, hand-held blower with the push of a button. With a 4 HP motor this vacuum makes cleanup easy, whether it's dust collection or liquid spills. With a blowing speed of 210 MPH, this tool can handle the toughest debris.

**Includes** 7' x 2-1/2" hose, 2 extension wands, utility nozzle, crevice tool, car nozzle, blower adapter, concentrator nozzle, standard cartridge filter and foam wet filter.

Stk.	Mfr.	Gal	HP	CFM	Price
<b>947970</b>	VBVA1010PF	10	4	106	<b>WEB</b>



#### 12 Gallon Wet/Dry Vacuum

**Ridgid** Professional vac is a large volume unit that delivers 5 peak HP. Polypropylene drum, 360° caster wheels, large drain, blower, sound reduction technology, Qwik Lock® filter fastening system and accessory storage caddy.

**Includes** 2 extension wands, 2-1/2" x 8' locking hose, utility nozzle, wet nozzle, car nozzle and standard filter.

Stk.	Mfr.	Gal	HP	CFM	Price
<b>692560</b>	62703	12	5	144	<b>WEB</b>



#### 14 Gallon Wet/Dry Vacuum with HEPA Filtration

**Ridgid** This wet/dry, 2-stage vacuum with HEPA filtration meets EPA's definition under the RRP rule for lead paint renovations. It delivers the high-lift suction, large capacity and rugged construction for pro, contractor and

industrial use. The 11.5 amp motor drives 2 blower wheels to optimize suction and performance.

**Includes** 2 extension wands, 2-1/2" x 10' premium locking hose, utility nozzle, wet nozzle, 14" floor brush, crevice tool, muffler/diffuser, filter bag, cloth pre-filter, HEPA filter, turbo brush, locking accessories and dusting brush.

Stk.	Mfr.	Gal	HP	CFM	Price
<b>692582</b>	50368	14	11.5	64	<b>WEB</b>



#### 14 Gallon Wet/Dry Vacuum with Cart

**Ridgid** 14-gallon, 6 peak HP industrial-strength vacuum with a cart to conquer jobsite terrain. 2-piece polypropylene drum, blower, large drain, sound reduction technology, Qwik Lock® filter fastening system and accessory storage caddy.

**Includes** 2 extension wands, 2-1/2" x 8' locking hose, utility nozzle, wet nozzle, crevice tool, car nozzle and fine dust filter.

Stk.	Mfr.	Gal	HP	CFM	Price
<b>692561</b>	62718	14	6	165	<b>WEB</b>



#### 16 Gallon Stainless Steel Wet/Dry Vacuum

**Ridgid** Stainless steel wet/dry vacuum is designed to deliver the powerful suction, large capacity, rugged construction, and excellent mobility for professional, contractor and industrial use. Scroll Noise Reduction® provides quiet operation by precisely controlling air flow. Stainless steel drum construction with large built-in drain at lowest point of

drum. Ultra-flexible locking hose won't loosen during use, smooth interior surface reduces clogging. Use as blower to clear debris from shop and job sites. Qwik Lock® system makes filter changes quick without tools.

Airflow 187 cfm. Capacity 16 gal. dry/wet. Size 19.8"L x 19.8"W x 28.5"H. Weight 40 lbs.

**Includes** two 2-1/2" extension wands, 1-7/8" x 8' premium locking hose, 4 nozzles (utility, wet, crevice & car), 20' cord & fine dust filter cartridge.

Stk.	Mfr.	Volts	Amps	HP	Price
<b>692577</b>	50353	120	12	6.5	<b>WEB</b>



### 16 Gallon Bottom Motor Wet/Dry Vac

**Ridgid** Industrial vacuum with a motor-on-bottom design that delivers high performance, stability, large capacity, rugged construction, and excellent mobility. Scroll Noise Reduction® provides quiet operation. Drain is located in lowest point of drum.

Foot-activated switch, quick-access debris door and toolless filter changes. UL listed.

Airflow 193 cfm. Capacity: 16 Gal. Size 25.3" x 20.4" x 19.7". Weight 36 lbs.

**Includes** 2 extension wands, 2-1/2" x 8' premium locking pro hose, 20' cord, utility and wet nozzles, crevice tool, car nozzle, noise muffler/diffuser and fine dust cartridge filter.

Stk.	Mfr.	Volts	Amps	HP	Price
<b>692578</b>	50338	120	12	6.5	<b>WEB</b>



### High Efficiency Dust Filter Bags

**Vacmaster** For vacuuming household and workshop debris and sawdust.

Stk.	Mfr.	Fits	Qty.	Price
<b>947988</b>	VHBS	5-6 gal.	3	<b>WEB</b>
<b>947989</b>	VHBM	8-10 gal.	3	<b>WEB</b>
<b>947990</b>	VHBL	12-16 gal.	3	<b>WEB</b>



### Foam Wet Filter

**Vacmaster** For vacuuming liquids only. Fits Vacmaster vacuums 5 to 16 gallon and model VQ407S. Fits most Shop-Vac 5 to 16 gallon wet/dry vacuums.

Stk.	Mfr.	Fits	Qty.	Price
<b>947991</b>	VFF51	5-16 gal.	1	<b>WEB</b>



### HEPA Fine Dust Cartridge Filter and Retainer

**Vacmaster** For vacuuming household debris, fine dusts and filtering allergens, mold spores and pollen. Captures particles down to 0.3 micron. Fits most Shop-Vac wet/dry vacuums 5 gallons and larger.

Stk.	Mfr.	Fits	Qty.	Price
<b>947985</b>	VCFH	5-16 gal.	1	<b>WEB</b>



### Standard Fine Dust Cartridge Filter and Retainer

**Vacmaster** For vacuuming dirt and debris, and fine dust like cold ashes, cement dust and drywall dust. Captures particles down to 1 micron in size. Fits all Vacmaster wet/dry vacs (excluding models VWM510 and VFB511B 0201), and most Shop-Vac wet/dry vacs 5 gallons and larger.

Stk.	Mfr.	Fits	Qty.	Price
<b>947983</b>	VCFF	5-16 gal.	1	<b>WEB</b>



### Standard Cartridge Filter and Retainer

**Vacmaster** For vacuuming household and workshop debris and sawdust. Fits most Shop-Vac wet/dry vacuums 5 gallons and larger.

Stk.	Mfr.	Fits	Qty.	Price
<b>947987</b>	VCFS	5-16 gal.	1	<b>WEB</b>



### Qwik Lock Fine Dust Vacuum Filter

**Ridgid** This washable and reusable 3-layer replacement filter fits 3 to 4.5 gallon Ridgid vacuums.

Stk.	Mfr.	Price
<b>691955</b>	VF3500	<b>WEB</b>



### Wet/Dry Vacuum Pleated Paper Filter

**Ridgid** Great for everyday dirt. 1 layer pleated paper filter. Fits 6-20 gallon vacuums.

Stk.	Mfr.	Qty.	Price
<b>691960</b>	VF4000	1	<b>WEB</b>

## MATERIAL HANDLING



### JET 2-Ton 10' Lift Chain Hoist

**J E T** Slip clutch style overload protection prevents lifting or pulling damaging loads beyond the rated capacity of the hoist when triggered. Weston style double ratchet pawl brake design splits the load to opposite sides of the ratchet gear for greater load security. Grade 100, corrosive resistant plated load chain is a smaller, more compact link that is 20% stronger than Grade 80 load chain. Complies with ANSI/ASME B30.16 and HST-2 Standards.

Capacity 4,000 lbs. Weight 44 lbs.

Stk.	Mfr.	Lift	Head Room	Pull to Lift Capacity	Price
<b>485745</b>	L100-200WO-10	10'	14-3/4"	79 lbs.	<b>WEB</b>



### Furniture Dolly

**Shop Fox** Padded with carpet to protect fine finishes, this furniture dolly is better than having an extra set of hands for moving heavy and bulky items. 4" diameter casters allow full mobility.

Stk.	Mfr.	Size	Capacity	Price
<b>785692</b>	D3242	18" x 30"	660 lbs.	<b>WEB</b>



### Platform Cart

**Giantex** The flat deck makes it easy to load and unload, and the textured design ensures stability. Two swivel casters and two conventional casters are designed to easily move and support heavy loads up to 660 lbs.

Capacity: 660 lbs. Size: 35.8" x 24" x 34.3". Weight: 21.7 lbs.

Stk.	Mfr.	Price
<b>196804</b>	B094F99ZZY	<b>WEB</b>



### Pallet Truck

**J E T** 5,000 lb. capacity truck of high-quality welded steel. Hydraulic pump with hardened and chrome piston and ram, high-quality seals and built-in overload protection. 1-hand operation, finger-tip controls, 180° turning radius. Low-profile 2-1/2" design with steel load wheels. Steel push rods assist steering on uneven floors. Extra-wide poly-over-steel steer wheels with solid steel. Tapered forks with steel ramps for trouble-free pallet loading. Double sealed, lifetime lubricated wheel bearings.

Stk.	Mfr.	Price
<b>485758</b>	PT-2748JB	<b>WEB</b>





### Hand Truck

**Milwaukee Tool** 800 lb. capacity hand truck with 10" x 4" pneumatic wheels. Sturdy truck features high stacking capability. 8" x 14" toe plate. P-style handle.

Stk.	Mfr.	Price
<b>942831</b>	40119	<b>WEB</b>



### Tripod Flashlight

**Stanley** Innovative tripod design offers hands-free convenience and an articulating head to focus light where it's needed. It features weather-resistant anodized aluminum, non-slip grip and a shatter resistant lens. .5W LED with 30 lumens of bright white light. Mfr.'s 1-year limited warranty.

**Requires 3 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>864850</b>	95-112B	<b>WEB</b>



### Drum Dolly

**Milwaukee Hand Trucks** Durable welded steel construction with a load capacity of 800 lbs. It has a 24" inside diameter and holds 55 gallon drums. Four 3" poly swivel casters. Red powder coated finish.

Overall size 30.5" dia. x 6.25"H. Weight 25 lbs.

Stk.	Mfr.	Price
<b>532806</b>	40146	<b>WEB</b>



### Portable Halogen Worklight

**Southwire** 8,000 lumen light output. Safety grill protects glass, 'S' stand, foam grip handle, 2 adjustment knobs, weatherproof on/off switch and 18/3 grounded 3' power cord. Mfr.'s 2-yr. limited warranty. UL/CUL listed.

**Includes** 500W halogen bulb.

Stk.	Mfr.	Price
<b>983159</b>	L33SW	<b>WEB</b>

## FANS



### 20" High Velocity Floor Fan

**Comfort Zone** Three speed options, tilts 180°, all-metal black body, quiet and energy-efficient. Meets UL, ETL, SAA, CE, CSA and NOM standards.

Stk.	Mfr.	Price
<b>943424</b>	CZHV20B	<b>WEB</b>



### 30" High-Velocity Pedestal Fan

**Master** This 3-speed, high-velocity 1/3 HP pedestal fan delivers air quickly to localized spaces. Efficient direct drive design conserves electricity, all-metal heavy-duty construction.

Stk.	Mfr.	Price
<b>943476</b>	MAC-30P	<b>WEB</b>

## FLASHLIGHTS & WORKLIGHTS



### Economy LED Flashlight

**Eveready** Lifetime LED bulb produces bright white light. 125-hour run time. Ribbed casing for secure grip. Easy-to-operate pushbutton switch.

**Requires 1 D battery, sold separately.**

Stk.	Mfr.	Price
<b>943405</b>	EVEL15HS	<b>WEB</b>



### 300 Lumens Tactical Flashlight

**TruGuard** 300-lumen tactical flashlight with anodized aluminum body and knurled grip. Twist-to-zoom focus head, easy on/off button, hi or low modes.

**Includes** 1 CR123A lithium battery.

Stk.	Mfr.	Price
<b>943428</b>	TG-300FL-6/24	<b>WEB</b>

## BATTERIES, CHARGERS & TESTERS



### Batteries

**Duracell  
Energizer  
Eveready  
Rayovac**

Stk.	Mfr.	Type	Qty.	Brand	Price
<b>943384</b>	2032BP-2N	3V Li-ion	2	Energizer	<b>WEB</b>
<b>687722</b>	6V	6V Carbon Zinc	1	Eveready	<b>WEB</b>
<b>687715</b>	9V	9V Alkaline	1	Duracell	<b>WEB</b>
<b>943496</b>	A1604-8PPK	9V Alkaline	8	Rayovac	<b>WEB</b>
<b>687731</b>	C	C Alkaline	4	Duracell	<b>WEB</b>
<b>943493</b>	814-12PPK	C Alkaline	12	Rayovac	<b>WEB</b>
<b>687745</b>	D	D Alkaline	4	Duracell	<b>WEB</b>
<b>943492</b>	813-12PPK	D Alkaline	12	Rayovac	<b>WEB</b>
<b>687720</b>	AA	AA Alkaline	4	Duracell	<b>WEB</b>
<b>943494</b>	815-24LTK	AA Alkaline	24	Rayovac	<b>WEB</b>
<b>687734</b>	AAA	AAA Alkaline	4	Duracell	<b>WEB</b>
<b>943495</b>	824-24LTK	AAA Alkaline	24	Rayovac	<b>WEB</b>
<b>943520</b>	L91SPB-4	AA Li-ion	4	Energizer	<b>WEB</b>
<b>943198</b>	L92BP-2	AAA Li-ion	2	Energizer	<b>WEB</b>



### Rechargeable Ni-Mh Batteries

**Energizer**

Stk.	Mfr.	Type	Qty.	Price
<b>942713</b>	NH22NBP	9V	1	<b>WEB</b>
<b>942709</b>	NH35BP-2	C	2	<b>WEB</b>
<b>942711</b>	NH50BP-2	D	2	<b>WEB</b>
<b>942719</b>	NH12BP-2	AAA	2	<b>WEB</b>
<b>942717</b>	NH15BP-2	AA	2	<b>WEB</b>
<b>942715</b>	NH15BP-4	AA	4	<b>WEB</b>



### Universal Battery Charger

**Energizer** Charges up to 8 AA, 8 AAA, 4 C, 4 D or 1 9V NiMH rechargeable batteries. Charges 4 AA batteries in approx. 3 hours. Easy-to-read LCD screen shows charging status of the batteries inside. Features auto shut-off to prevent over charge, short circuit and reverse polarity protection and bad battery detection.

**Includes** AC adapter.

Stk.	Mfr.	Price
<b>943265</b>	CHFC	<b>WEB</b>



### Battery Tester

**Gardner Bender** Analog meter with a 9-position rotary selector switch. Tests AA, AAA, C, D, N, 9V, 1.5V button cells, 1.25V Ni-Cd rechargeable, 3V Li-ion, 22.5V photo and lantern cells, 6V lantern cell, 12V and 5V photo cells.

**Includes** test leads and instructions.

Stk.	Mfr.	Price
<b>416600</b>	GBT-500A	<b>WEB</b>



### Analog Battery Tester

**Gardner Bender** Analog meter with low/good indicator. Movable contact arm fits various battery sizes. Tests AA, AAA, C, D, 9V and 1.5V button cells.

**Includes** instructions.

Stk.	Mfr.	Price
<b>416602</b>	GBT-3502	<b>WEB</b>

## ELECTRICAL



### 6-Outlet Surge Protector

**Woods** 1,440 joules outlet surge protector expands your electrical options while adding user-friendly features like phone cradle, safety covers, wire wrap and EZ-Pull. 15 Amp, 1,800 Watts, Max Surge: 6000V, Max Spike: 45000A.

Stk.	Mfr.	Price
<b>983132</b>	41076	<b>WEB</b>



### 6-Outlet, 3' Cord Metal Surge Protector

**Woods** Appliance surge protector features 900 Joules of surge protection, 3' cord, sliding safety covers, EMI/RFI noise filtration, LED indicator light, and a lighted switch for your convenience and safety. Dark gray.

Stk.	Mfr.	Price
<b>983166</b>	41546	<b>WEB</b>



### 6-Outlet, 3' Cord Surge Protector

**Woods** The 900 joule appliance surge protector limits excess current from flowing through your electrical devices during a voltage spike. EMI/RFI noise filters. White.

Stk.	Mfr.	Price
<b>983165</b>	41497	<b>WEB</b>



### Multi-Outlet Cord Reel with 4 Outlets

**Bayco** This cord reel has a 25' 16/3 SJT extension cord built in, with 4 separate grounded outlets and a 10 amp rating. Made of impact resistant polypropylene.

Stk.	Mfr.	Length	Gauge/Conductor	Price
<b>943498</b>	SL-755	25'	16/3	<b>WEB</b>



### Extension Cord Reel with 4 Outlets

**Woods** High impact, durable case with top and rear handles. Four integrated grounded outlets for up to 1,500 watts of power. Rated for indoor use in dry locations only. UL and cUL Listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983127</b>	4907	25'	16/3	13A	<b>WEB</b>



### 50' Retractable Cord Reel

**Southwire** Retractable cord reel is made from extra tough ABS plastic. Commercial duty 12/3 SJTW cord extends out to 50'. Suitable for dry, indoor use. Lighted end has power indicator on the tri-source tap. Mounting hardware is made of strong steel.

**Includes** mounting hardware.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983200</b>	48208802SW	50'	12/3	15A	<b>WEB</b>



### Retractable Metal Cord Reel with 3 Outlets

**Coleman Cable** 30' safety striped 16/3 ga. grounded cord with 3 outlets. Heavy-duty diamond plate metal casing, built-in circuit breaker with lighted outlet. CETL listed.

**Includes** mounting hardware (for ceiling or wall).

Stk.	Mfr.	Length	Price
<b>983147</b>	E215	30'	<b>WEB</b>



### Retractable Metal Cord Reel

**Bayco** With 3 separate grounded outlets and a 10 amp rating, powering your projects is quick and easy as the cord winds back up inside the heavy-duty steel housing. The outlet bar even has a built in LED status light to let you know you have power.

**Includes** mounting brackets.

Stk.	Mfr.	Length	Gauge/Conductor	Price
<b>943505</b>	FL-800	30'	16/3	<b>WEB</b>



### Orange Outdoor Round Vinyl Extension Cords

**Woods** Extension cords with copper conductors, solid molded plugs for longer life, 2 layers of insulation, 1 around each conductor and a second outer jacket which won't mark floors or walls. Resists deterioration from moisture and abrasion. UL listed, meets OSHA specifications.

#### Single End

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983102</b>	0267	25'	16/3	13A	<b>WEB</b>
<b>983103</b>	0268	50'	16/3	13A	<b>WEB</b>
<b>983108</b>	0625	25'	14/3	15A	<b>WEB</b>
<b>983109</b>	0626	50'	14/3	15A	<b>WEB</b>
<b>983106</b>	0528	25'	12/3	15A	<b>WEB</b>
<b>983107</b>	0529	50'	12/3	15A	<b>WEB</b>

#### 3-Way Power Block

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983230</b>	0819	50'	12/3	15A	<b>WEB</b>
<b>983117</b>	0825	25'	14/3	15A	<b>WEB</b>
<b>983118</b>	0826	50'	14/3	15A	<b>WEB</b>
<b>983119</b>	0827	100'	14/3	13A	<b>WEB</b>



### Blue Outdoor Low Temp Extension Cords

**Coleman Cable** High-visibility, blue SJTW extension cords are super flexible for cold temperature. Vinyl cords feature reinforced blades,

power indicator light in female receptacle, plus clear PVC plug and connector. UL listed for use to -45°.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983138</b>	02467	25'	14/3	15A	<b>WEB</b>
<b>983139</b>	02468	50'	14/3	15A	<b>WEB</b>
<b>983140</b>	02469	100'	14/3	13A	<b>WEB</b>
<b>983141</b>	02568	50'	12/3	13A	<b>WEB</b>
<b>983142</b>	02569	100'	12/3	13A	<b>WEB</b>



### Yellow Outdoor 3-Outlet Lighted Extension Cord

**Master Electrician** This yellow, round, vinyl 12/3 SJTW extension cord from Master Electrician is 50' long. Great for indoor or outdoor use, the female end includes a lighted power indicator. ETL/cETL Listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>943522</b>	01488ME	50'	12/3	15A	<b>WEB</b>



### Yellow Indoor Utility Extension Cords

**Woods** Flat vinyl utility cords designed for general purpose indoor use. Solid molded plugs with copper conductors. Made with a single layer of vinyl insulation that won't mark walls or floors. Resists deterioration from moisture and abrasion.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983120</b>	0834	25'	14/3	15A	<b>WEB</b>
<b>983121</b>	0835	50'	14/3	15A	<b>WEB</b>



### Yellow Jacket® Extension Cord w/Ground Fault Interrupter

**Woods** GFCI cord has lighted 3-outlet power block with right angle male plug. Provides maximum safety. Manual test-reset buttons. PowerLite™ plug glows when the cord has power. UL listed.

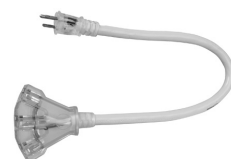
Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983155</b>	2814	2'	12/3	15A	<b>WEB</b>



### Yellow Jacket® Multi Outlet Lighted Power Cord

**Woods** Yellow Jacket compound is more flexible and abrasion resistant at any temperature than standard vinyl compounds. Lighted 3-outlet (spaced every 8') 25' power cord. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983157</b>	2830	25'	12/3	15A	<b>WEB</b>



### Yellow™ Jacket 3-Outlet Lighted Power Cord

**Woods** Extra heavy duty 600V insulated wire. Lighted 3-outlet power block features high-gloss, super-flexible wire in a tough molded unit that withstands heat, cold and rough use. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983158</b>	2882	2'	12/3	15A	<b>WEB</b>



### Hi-Vis/Low Temp Extension Cord

**Coleman Cable** Single-end cord w/power indicator light. High-visibility bright blue cord. Provides super-flexibility at temperatures down to -45°F. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	Price
<b>983149</b>	02367	25'	16/3	<b>WEB</b>



### Plug Adapter

**Pass & Seymour** Grounding adapter converts outlet to 3-wire grounding outlet. Adapter has a rigid grounding lug.

Stk.	Mfr.	Price
<b>376072</b>	210-G	<b>WEB</b>



### Cord Wrap

**Bayco** Stores extension cords, work lights, coaxial cable, TV antenna wire, speaker wire, rope, holiday lights and more. Heavy-duty impact resistant plastic. Holds up to 150' 16 ga., 3-wire extension cord. Orange.

Stk.	Mfr.	Price
<b>942827</b>	K-150	<b>WEB</b>



### Cable Wraptor™

**Gardner Bender** Wrap and hang cords, cables, worklights, chains, hoses and more. Features easy-carry T-handle, large-grip teeth, quick-release trigger, stainless steel hinge, cable tie looping hole and large hang hole. Red and black.

Stk.	Mfr.	Price
<b>416580</b>	CW-T2RR25	<b>WEB</b>



### Performance Tool Carabiner

**Performance Tool** Lightweight aluminum construction with ergonomic soft grip handle for carrying extension cords, power tools and more. Maximum weight 100 lbs.

**Not for climbing.**

Stk.	Mfr.	Length	Price
<b>976488</b>	W461	5"	<b>WEB</b>
<b>976489</b>	W463	7"	<b>WEB</b>



### Vinyl Work Light

**Woods** Dual Hook System permits hanging the light by either its guard or handle. Rugged heat-resistant housing stays cool even with short-neck bulbs. Round orange vinyl jacket is flexible and won't mark floors or walls. Metal

grounded guard with switch and grounded outlet. 3-conductor light, UL listed and meets OSHA specifications for temporary lighting. Maximum bulb is 100W, not included.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983116</b>	0681	25'	18/3	10A	<b>WEB</b>

## GENERAL EQUIPMENT & SUPPLIES



### Big Digital Display Stopwatch

**Champion** Large digital display includes a 1/100th of a second precision lap counter, and 12 or 24 hour formats. Other features include calendar and time display, daily alarm and hourly chime. Water and shock resistant. 3V Lithium battery. Black.

Stk.	Mfr.	Price
<b>300801</b>	920BK	<b>WEB</b>



### Stopwatch

**Champion** Large digital display includes 1/100th of a second precision, lap counter, and 12 or 24 hour formats. Other useful features include calendar and time display, a daily alarm and an hourly chime. Water and shock resistant. Black.

Stk.	Mfr.	Price
<b>300800</b>	910BK	<b>WEB</b>



### Nylon USA Flag

**Annin** Flag features sewn stripes, brass grommets and fits standard flag poles. Embroidered stars, heavy-white canvas heading and flag etiquette brochure.

Stk.	Mfr.	Size	Price
<b>942679</b>	002215R	4' x 6'	<b>WEB</b>



### Digital/LCD/LED Moisture Meter

**General** Use the pin sensors to find the moisture content in your wood or drywall. Wood/building materials selection switch, reading HOLD button, Auto power off. Low, medium and high moisture tones and on-screen icons. The pin cap doubles as a calibration checker.

**Includes** 9V battery, replacement pins and pin cap.

Stk.	Mfr.	Price
<b>419945</b>	MMD4E	<b>WEB</b>



### Analog Dial Thermometer

**General** For HVAC, hobby, laboratory, photography, automotive, food preparation and other applications. Displays temperature in Fahrenheit. 0° to 220°F range.

**Includes** stainless steel probe w/protective sheath & clip.

Stk.	Mfr.	Price
<b>431400</b>	321	<b>WEB</b>



### Digital Pocket Thermometer

**Klein** Ideal for HVAC professionals. Select between Fahrenheit and Celsius. Measures ambient and direct-contact readings. Max./Min., hold, average and auto-power off. 3" stainless steel probe. Range -40° to 482°F (-40° to 250°C) with 0.1° resolution.

**Includes** 2 LR44 batteries.

Stk.	Mfr.	Price
<b>945040</b>	ET05	<b>WEB</b>



### Brass Manifold Gauge and Hose Set

**Robinair** A/C service manifold for use on R134A or R12 A/C systems.

**Includes** R12 and R134A brass manifold, 60" hose set and 90° manual service couplers.

Stk.	Mfr.	Price
<b>693470</b>	48134B	<b>WEB</b>



### Empty Spray Bottle

**Delta Sprayers** All-purpose adjustable sprayer container with area to note bottle's contents. See-through with black, red and white accents.

Stk.	Mfr.	Size	Price
<b>943411</b>	FG16TRUE1-12	16 oz.	<b>WEB</b>



### Synthetic Rubber Coating

**Plasti Dip** Protects against moisture, acids, abrasion and provides grip. Remains flexible and will not crack in extreme weather conditions. Easily applied by dipping or brushing. Endures temperatures from -30°F to 200°F.

Stk.	Mfr.	Color	Size	Price
<b>943318</b>	11601-6	Red	14.5 oz.	<b>WEB</b>
<b>943319</b>	11602-6	Yellow	14.5 oz.	<b>WEB</b>
<b>943320</b>	11603-6	Black	14.5 oz.	<b>WEB</b>



### Mousetrap

**Victor** Metal bait pedal mousetrap.

Stk.	Mfr.	Qty.	Price
<b>543999</b>	M040	1	<b>WEB</b>



## VO-AG TOOL & SUPPLIES



### Hot Water Nozzle

**Gilmour** Nozzle withstands hot water temperatures up to 160°. Features a brass stem and brass head.

Stk.	Mfr.	Price
<b>942641</b>	465GT	<b>WEB</b>



### Nylon Garden Hoses

**Green Thumb** Nylon reinforced garden hose, 4 ply, medium duty, brass couplings, octagon female ferrule with protective collar. Green with blue stripes. 7-year mfr's warranty.

Stk.	Mfr.	Size	Price
<b>943126</b>	156299	5/8" dia. x 50'L	<b>WEB</b>
<b>943127</b>	669133	5/8" dia. x 75'L	<b>WEB</b>



### 25 Series Rubber/Vinyl Garden Hose

**Gilmour** The metal spring protective collar on this rubber/vinyl hose prevents kinks from starting right at the faucet. Made with 6-ply construction and a large 3/4" inside diameter, you'll get increased flow and 500 psi burst strength. The heavy-duty machined metal couplings have O-rings for a tight seal on this easy-to-handle, all-weather hose.

Stk.	Mfr.	Size	Price
<b>943521</b>	840501-1004	3/4" dia. x 50'L	<b>WEB</b>



### Bypass Pruning Shear

**Green Thumb** Mid-carbon steel blades will slice easily through a wide variety of branches and stems up to 3/4" dia. Comfort grip. 8"L.

Stk.	Mfr.	Price
<b>943412</b>	GT4344	<b>WEB</b>



### Telescopic Bypass Lopping Shear

**Fiskars** Power-lever mechanism increases leverage to make cutting easier than single pivot lopper. Fully hardened, precision ground blade with corrosion resistant, non-stick blade coating to make cutting easier. Durable, lightweight fiberglass telescoping handles with comfort grips. Bypass blade for clean cuts of green, living growth. Mfr.'s lifetime warranty.

Stk.	Mfr.	Capacity	Length	Price
<b>943317</b>	391681-1009	1-5/8"	25"-37"	<b>WEB</b>



### Softgrip Pruning Saw

**Fiskars** The POWER TOOTH® Softgrip® D-handle Saw is a great choice for taking down thick tree limbs too large for a lopper. Fully-hardened, precision-ground steel blade stays sharp, even through heavy use. Makes quick, easy under-cuts without sacrificing control. Mfr.'s lifetime warranty.

Stk.	Mfr.	Length	Price
<b>943361</b>	393440-1001	15"	<b>WEB</b>



### Trenching Shovel

**RazorBack** Ideal blade design for trench clean out. 5" x 11" blade. 48" fiberglass handle. Mfr.'s lifetime warranty.

Stk.	Mfr.	Price
<b>618713</b>	47035	<b>WEB</b>

## TOOL STORAGE



### Junior Tool Box Project

**KBBI Company** The ultimate project for your metalworking class. Introduce your students to sheet metal fabrication with these tool box project kits. Using a set of basic plans, students will experience cutting and bending metal, as well as spot welding or use of pop rivets. Students can personalize their tool box by painting it or leaving it unfinished. One kit requires 3 sq./ft. of galvanized sheet metal, sold separately.

Finished size: 13-1/2"L x 5-1/8"W x 4-1/4"H

**Includes** (with each kit) steel hinge, padlock hasp, 4 nickel-plated corners, steel handle with cleats and plans with detailed instructions.

**Requires galvanized metal sheets, sold separately. Tools required, sold separately: steel rule, scratch awl, combination square, steel square, tin snips, squaring shear, box and pan brake, spot welder and rivet gun.**

Stk.	Mfr.	Qty.	Price
<b>232995</b>	JTK-6	6 Kits	<b>WEB</b>
<b>232996</b>	JTK-24	24 Kits	<b>WEB</b>



### Large Tool Box Kit

**KBBI Company** The ultimate project for your metalworking class. Introduce your students to sheet metal fabrication with these tool box project kits. Using a set of basic plans, students will experience cutting and bending metal, as well as spot welding or use of pop rivets. Students can personalize their tool box by painting it or leaving it unfinished. One kit requires 5 sq./ft. of galvanized sheet metal, sold separately.

Finished size: 18-1/4"L x 6-1/4"W x 7-1/4"H

**Includes** (with each kit) steel hinge, padlock hasp, 4 nickel-plated corners, steel handle with cleats and plans with detailed instructions.

**Requires galvanized metal sheets, sold separately.**

**Tools required, sold separately: steel rule, scratch awl, combination square, steel square, tin snips, squaring shear, box and pan brake, spot welder and rivet gun.**

Stk.	Mfr.	Qty.	Price
<b>233007</b>	WTK-6	6 Kits	<b>WEB</b>
<b>233008</b>	WTK-24	24 Kits	<b>WEB</b>



### Hip Roof Tool Box Kit

**KBBI Company** The ultimate project for your metalworking class. Introduce your students to sheet metal fabrication with these tool box project kits. Using a set of basic plans, students will experience cutting and bending metal, as well as spot welding or use of pop rivets. Students can personalize their tool box by painting it or leaving it unfinished. One kit requires 8 sq./ft. of galvanized sheet metal, sold separately.

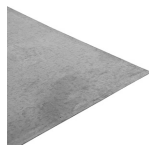
Finished size: 18-1/8"L x 6-1/8"W x 7-3/8"H

**Includes** (with each kit) 2 steel hinges, padlock hasp, 2 latches, 4 nickel-plated corners, steel handle with cleats and plans with instructions.

**Requires galvanized metal sheets, sold separately.**

**Tools required, sold separately: steel rule, scratch awl, combination square, steel square, tin snips, squaring shear, box and pan brake, spot welder and rivet gun.**

Stk.	Mfr.	Qty.	Price
<b>233002</b>	MTK-6	6 Kits	<b>WEB</b>
<b>233003</b>	MTK-24	24 Kits	<b>WEB</b>



### 26-Gauge Galvanized Sheet Metal

**Forney** Grade 60 galvanized mild steel.

Stk.	Mfr.	Size	Price
<b>409913</b>	49600	24" x 36"	<b>WEB</b>



### Tool Box Continuous Hinges

**KBBI Company**

Stk.	Mfr.	Item	Size	Qty.	Price
<b>233011</b>	KB-1314	JTK	13-1/4" x 1"	1	<b>WEB</b>
<b>233010</b>	KB-1734	MTK & WTK	17-3/4" x 1"	1	<b>WEB</b>



### Tool Box Corners

**KBBI Company** Metalworking Tool Box corners. 4 corners are required for each tool box.

Stk.	Mfr.	Item	Qty.	Price
<b>233040</b>	8095N	For model JTK	1	<b>WEB</b>
<b>233039</b>	8050N	For models MTK & WTK	1	<b>WEB</b>



### JTK Tool Box Latch

**KBBI Company** For JTK Metalworking Tool Box Kit.

Stk.	Mfr.	Qty.	Price
<b>233042</b>	HC227ZE	1	<b>WEB</b>



### WTK Tool Box Latch

**Nielsen Hardware** For WTK Metalworking Tool Box Project Kits.

Stk.	Mfr.	Qty.	Price
<b>233043</b>	2200HN-2	1	<b>WEB</b>



### MTK Tool Box Latch

**KBBI Company** For MTK Metalworking Tool Box Project Kit.

Stk.	Mfr.	Qty.	Price
<b>233041</b>	44333N	1	<b>WEB</b>



### Plastic Tool Box Handle

**American Handle** For Tool Box Kits MTK and WTK. Black handle with nickel plated fittings. 6" center with fittings.

Stk.	Mfr.	Qty.	Price
<b>232920</b>	350-7415	1	<b>WEB</b>



### Steel Tool Box Handle

**KBBI Company** For Tool Box Kits MTK, WTK & JTK.

**Includes** handle and 2 cleats.

Stk.	Mfr.	Qty.	Price
<b>233012</b>	K140N-5	1	<b>WEB</b>



### 18" Pro Tool Tote

**AWP** Keep tools organized and accessible for an efficient classroom. Rotating padded carrying handle moves out of the way to access tools from any angle.

**Includes** metal tape clip, level attachments straps, carabiner snap hook, tape tether, and adjustable shoulder strap.

**Shown with tools, sold separately.**

Stk.	Mfr.	Size	Price
<b>943572</b>	L-22128-1	18"L x 6"W x 11"H	<b>WEB</b>



### Canvas Tool Bag

**Marshalltown** Heavy-duty canvas bag with lock stitched seams and a waterproof Masonite bottom. Handles, billets and buckles are riveted on a 12 ga. steel frame. Inside pocket. USA made.

Stk.	Mfr.	Size	Price
<b>528566</b>	831	20"W x 15"D	<b>WEB</b>



### Nylon Tool Bag

**Marshalltown** 14 multi-purpose inside pockets, 6 outside pockets and 4 outside web pockets. Double-layered, water-resistant nylon with reinforced bottom panel. Padded handles and adjustable shoulder strap.

Stk.	Mfr.	Size	Price
<b>528558</b>	NB203	24"W x 10-1/2"D	<b>WEB</b>



### Plastic Tool Box

**Stanley** This tough, well-engineered toolbox will satisfy virtually any storage need. Access 2 lid organizers for small parts without opening the lid. Built-in pad lock eye, wide rubber coated handle and inner tote tray.

Stk.	Mfr.	Size	Weight	Price
<b>864849</b>	STST13011	12.5"L x 7"W x 5.1"H	1.6 lbs.	<b>WEB</b>



### 16" Tool Box

**Stack On** Nickel-plated steel tool box with heavy-duty handle. Locking latch and full-length, piano hinge provide security and strength. Baked epoxy finish resists rust and solvents.

Size 16"W x 7"D x 7-1/2"H.

**Includes** plastic lift-out tray.

**Shown w/tools, sold separately.**

Stk.	Mfr.	Capacity	Weight	Price
<b>943227</b>	SHB-16	840 cu. in.	5.65 lbs.	<b>WEB</b>



### Series 2000 Tool Box with Tray

**Stanley** Black tool box and lid with nickel metal-plated latches, wide rubber-coated handle, built-in padlock eye for small locks and 2 outside-accessible lid organizers.

**Includes** lift-out tray.

Stk.	Mfr.	Size	Weight	Price
<b>864851</b>	016013R	15.9"W x 7.1"D x 8.1"H	2.3 lbs.	<b>WEB</b>
<b>841020</b>	024013S	24"W x 11"D x 11"H	12.2 lbs.	<b>WEB</b>



### 20" Steel Tool Box

**GEARWRENCH** This durable, black steel tool box has dual latches, locking clasps and a tote tray.

Stk.	Mfr.	Size	Price
<b>433542</b>	83130	20"W x 7.75"D x 8"H	<b>WEB</b>



### 24" Power Tool Box

**DEWALT** Heavy-duty molded, 2-part detachable case. Top smaller case houses power tools and small parts. It's light weight allows easy job-site portability. Use the larger lower case to store hand tools. Small case w/integrated handle, large case w/long metal handle. Single push-button for case detach and reattachment. Heavy-duty, rust-resistant latches.

Stk.	Mfr.	Size	Weight	Price
<b>243409</b>	DWST24070	24"W x 11.5"D x 12.5"H	7.5 lbs.	<b>WEB</b>



### 32" Carpenter's Tool Box

**Proto** Roomy tool box with sturdy side handles and standard top handle. Smooth rolled front edge. Extended corner tabs reinforce box strength. Metal construction with brown enamel.

Size 32"W x 8-1/2"D x 9-1/2"H.

**Includes** steel lift-out tray.

Stk.	Mfr.	Capacity	Weight	Price
<b>904010</b>	J9979-NA	2,584 cu. in.	24 lbs.	<b>WEB</b>



### 3-Drawer Steel Tool Box

**GEARWRENCH** Black portable tool box with ball bearing drawer slides. Keyed center lock for security. Fixed cantilever tray. Top compartment 2.5"H. 3 drawers 2"H. Black.

Size 20"W x 8.5"D x 12"H.

Stk.	Mfr.	Capacity	Price
<b>433030</b>	83151	2,040 cu. in.	<b>WEB</b>



### 4-Drawer GSX Tool Chest

**GEARWRENCH** Professional use GSX tool chest constructed of 20 gauge steel; drawers are 22 gauge steel with aluminum pulls. Auto-return slides with a drawer weight capacity of 100 lbs. Equipped with easy-open lid, trigger lock system drawer release, black foam liners, tubular lock and textured black and orange finish.

Stk.	Mfr.	Size	Price
<b>433533</b>	83240	26"W x 16"D x 20.7"H	<b>WEB</b>



### 5-Drawer GSX Tool Chest

**GEARWRENCH** Professional use GSX tool chest constructed of 20 gauge steel; drawers are 22 gauge steel with aluminum pulls. Auto-return slides with a drawer weight capacity of 100 lbs. Equipped with easy-open lid, trigger lock system drawer release, black foam liners, tubular lock and textured black and orange finish.

Stk.	Mfr.	Size	Price
<b>433536</b>	83244	40.6"W x 17.8"D x 23"H	<b>WEB</b>



### 5-Drawer GSX Tool Cabinet

**GEARWRENCH** Professional use GSX tool chest constructed of 20 gauge steel; drawers are 22 gauge steel with aluminum pulls. Auto-return slides with a drawer weight capacity of 100 lbs. Equipped with easy-open lid, trigger lock system drawer release, black foam liners, screwdriver storage, 450 lb. capacity casters (each), tubular lock and textured black and orange finish.

Stk.	Mfr.	Size	Price
<b>433534</b>	83241	26.7"W x 18.2"D x 37.2"H	<b>WEB</b>



### 6-Drawer GSX Tool Cabinet

**GEARWRENCH** Auto-return, 100 lb. capacity (ea.) drawers have ball bearing slides, trigger lock system, black foam liners and aluminum handles. Chest made from 20 ga. steel; drawers are 22 ga. steel, black and orange textured coated finish. Heavy-duty casters (2 fixed, 2 swivel).

Stk.	Mfr.	Size	Price
<b>433537</b>	83243	36.2"W x 18.2"D x 38.6"H	<b>WEB</b>



### 11-Drawer GSX Tool Cabinet

**GEARWRENCH** Auto-return, 100 lb. capacity (ea.) drawers have ball bearing slides, trigger lock system, black foam liners and aluminum handles. Chest made from 20 ga. steel; drawers are 22 ga. steel, black and orange textured coated finish. Heavy-duty casters (2 fixed, 2 swivel).

Stk.	Mfr.	Size	Price
<b>433538</b>	83245	41.1"W x 18.2"D x 41.4"H	<b>WEB</b>

## GLOVES



### Cotton/Poly Jersey Work Gloves

**Forney** Cotton/polyester jersey glove, slip-on cuff, 1-piece palm with no seam at the base of the finger.

Stk.	Mfr.	Size	Price
<b>409920</b>	53297	Small/Medium	<b>WEB</b>
<b>409921</b>	53299	Large/X-Large	<b>WEB</b>



### Hi-Viz Knit Dip Gloves

**Radians** 15-ga. high visibility nylon shell. Elastic cuff for comfortable, slip-on fit. Micro-foam dipped latex palm provides durability and slip-free grip.

Stk.	Mfr.	Size	Price
<b>687841</b>	RWG10M	Medium	<b>WEB</b>
<b>687842</b>	RWG10L	Large	<b>WEB</b>



### Synthetic Leather Work Gloves

**DEWALT** All purpose synthetic leather glove with a reinforced padded palm to provide superior toughness and comfort. Reinforced ToughGrip™ thumb saddle provides greater protection and toughness. Streamlined elastic cuff combined with hook and loop closure ensures a secure fit. Breathable spandex back hand stretches for maximum comfort, fit and ventilation.

Stk.	Mfr.	Size	Price
<b>687830</b>	DPG20M	Medium	<b>WEB</b>
<b>687831</b>	DPG20L	Large	<b>WEB</b>
<b>687832</b>	DPG20XL	X-Large	<b>WEB</b>



### Cowhide Leather Work Gloves

**Forney** Split cowhide leather palm, index finger, thumb and finger tips. Cotton canvas back. Reinforced knuckle strap gives added protection. Full leather heel adds protection for the wrist, and longevity to the rubberized cuff.

Stk.	Mfr.	Size	Qty.	Price
<b>409915</b>	53203	Large	6	<b>WEB</b>



### Leather Palm Work Gloves

**Adenna** Shoulder-split leather on palm, thumb, index finger, fingertips and knuckle strap with soft palm lining. Safety cuff style features gunn cut pattern with wing thumb, pull tab and rubberized cuffs.

Stk.	Mfr.	Size	Price
<b>885000</b>	GWLPEG I	Large	<b>WEB</b>



### Select Shoulder Cowhide Leather Palm Gloves

**DEWALT** Reinforced fingertips, double leather palm and thumb provides superior toughness. Wing thumb for comfortable fit. 2-1/2" rubberized safety cuff. Split cowhide leather knuckle strap and ToughThread™ double stitching.

Stk.	Mfr.	Size	Price
<b>687822</b>	DPG41L	Large	<b>WEB</b>



### Premium AB Grade Leather Gloves

**DEWALT** Split leather palm patch provides added durability. Elastic wrist for a secure, comfortable fit. ToughThread™ Double Stitching provides extra durability. Keystone Thumb provides a comfortable fit.

Stk.	Mfr.	Size	Price
<b>687803</b>	DPG32L	Large	<b>WEB</b>



### ProWorks® Latex-free Powder-free Clear Vinyl Gloves

**Adenna** An excellent alternative for those with latex allergies, these gloves are designed as a single-use, general protection glove with a beaded cuff.

Stk.	Mfr.	Size	Qty.	Price
<b>120280</b>	GL-VI03FS	Small	100	<b>WEB</b>
<b>120281</b>	GL-VI03FM	Medium	100	<b>WEB</b>
<b>120282</b>	GL-VI03FL	Large	100	<b>WEB</b>
<b>120283</b>	GL-VI03FX	X-Large	100	<b>WEB</b>



### ProWorks® Latex-Free Lightly Powdered Clear Vinyl Gloves

**Adenna** These Adenna ProWorks® Clear Vinyl Industrial Lightly Powdered Disposable Gloves provide an excellent alternative for people with latex allergies. This general protection glove also has a beaded cuff.

Stk.	Mfr.	Size	Qty.	Price
<b>120290</b>	GL-VI03PS	Small	100	<b>WEB</b>
<b>120291</b>	GL-VI03PM	Medium	100	<b>WEB</b>
<b>120292</b>	GL-VI03PL	Large	100	<b>WEB</b>
<b>120293</b>	GL-VI03PX	X-Large	100	<b>WEB</b>



### ProWorks® Powder-free Natural Latex Gloves

**Adenna** These disposable gloves come in a natural white color and are 9-1/2" in length and 5 mil thickness. They provide excellent protection in non-medical environments and a comfortable fit.

**Caution: Natural latex may cause allergic reactions in some individuals.**

Stk.	Mfr.	Size	Qty.	Price
<b>120220</b>	GL-LI05FS	Small	100	<b>WEB</b>
<b>120221</b>	GL-LI05FM	Medium	100	<b>WEB</b>
<b>120222</b>	GL-LI05FL	Large	100	<b>WEB</b>
<b>120223</b>	GL-LI05FX	X-Large	100	<b>WEB</b>



### ProWorks® Latex-free Powder-free Blue Nitrile Gloves

**Adenna** These gloves are made from synthetic rubber or butadiene. The beaded cuff combined with textured fingers and palm provide excellent comfort and feel. Ideal for any general purpose or industrial application.

Stk.	Mfr.	Size	Qty.	Price
<b>120240</b>	GL-NB107FM	Medium	100	<b>WEB</b>
<b>120241</b>	GL-NB107FL	Large	100	<b>WEB</b>
<b>120242</b>	GL-NB107FX	X-Large	100	<b>WEB</b>



### ProWorks® Black Nitrile Powder-Free Gloves

**Adenna** Standard length heavy-weight gloves have micro-textured palm and fingers and beaded cuff. Latex free and non-sterile. Use for medium- to heavy-duty applications. ASTM D6319 and FDA compliant.

Stk.	Mfr.	Size	Qty.	Price
<b>120230</b>	GL-NI07FM	Medium	100	<b>WEB</b>
<b>120231</b>	GL-NI07FL	Large	100	<b>WEB</b>
<b>120232</b>	GL-NI07FX	X-Large	100	<b>WEB</b>



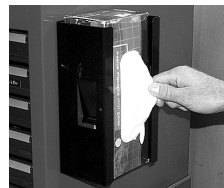


### ProWorks® Latex-free Cast Poly Gloves

**Adenna** These 100% synthetic polyethylene gloves are more durable than standard polyethylene gloves and are latex free, powder free and DEHP free. The textured surface is comfortable and provides better grip and ease of use. The looser fit was designed for easy, fast

on-and-off which is great for users who are frequently changing gloves. This makes them a cost effective alternative to vinyl gloves.

Stk.	Mfr.	Size	Qty.	Price
<b>120200</b>	GL-CP100S	Small	100	<b>WEB</b>
<b>120201</b>	GL-CP100M	Medium	100	<b>WEB</b>
<b>120202</b>	GL-CP100L	Large	100	<b>WEB</b>



### Magnetic Glove Dispenser

**Lisle** Dispenser attaches to tool box or any ferrous metal surface. 2 large magnets hold unit in place, or mount to wall using screw slots provided. 3 adjusting springs accommodate all common sizes of disposable gloves, both 50 & 100 pkgs. Made of powder-coated steel.

Stk.	Mfr.	Price
<b>503830</b>	20130	<b>WEB</b>

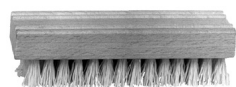
## BROOMS & BRUSHES



### Utility Scrub Brush

**Weiler** White synthetic fill. Plastic block. 5" x 5-1/2" brush face size with 2" trim. 20" overall length.

Stk.	Mfr.	Price
<b>969303</b>	44663	<b>WEB</b>



### Hand & Nail Brush

**Weiler** Plastic fill. Use brush to clean hands and fingernails. 4-3/4" x 1-1/2" wood block. 5/8" trim length.

Stk.	Mfr.	Price
<b>969300</b>	44314	<b>WEB</b>



### Spoke Brush

**Weiler** White tampico fill. 10"L brush with a tapered dia. from 2-3/4" to 1-1/2". 15" overall length.

Stk.	Mfr.	Price
<b>969301</b>	44315	<b>WEB</b>



### Wire Brushes

**Weiler** For removing rust, scale, paint, solder, cleaning threads, files, metal parts and castings.

#### Curved Handle

Stk.	Mfr.	Brush	Rows	Trim	Block Size	Price
<b>969292</b>	44053	5-1/2"	3 x 19	1-3/16"	14" x 7/8"	<b>WEB</b>

#### Shoe Handle

Stk.	Mfr.	Brush	Rows	Trim	Block Size	Price
<b>969293</b>	44063	5"	4 x 16	1-3/16"	10" x 1-1/8"	<b>WEB</b>



### Bench Brushes

**Weiler** Great for quick cleanup on bench tops, counters, machine tops and hard-to-reach places. Lacquered hardwood handles.

#### Fine

Stk.	Mfr.	Fill	Brush	Trim	Price
<b>969285</b>	44003	Horsehair	8"L	2-1/8"	<b>WEB</b>

#### Medium

Stk.	Mfr.	Fill	Brush	Trim	Price
<b>969286</b>	44004	Gray Tampico	8"L	2-1/2"	<b>WEB</b>
<b>969336</b>	25252	Synthetic	8"L	2-1/2"	<b>WEB</b>



### Floor Broom

**Weiler** Corn fill, secured by 5 sewings. For industrial sweeping, wet or dry. 15"L trim, 54-1/2"L overall.

Stk.	Mfr.	Price
<b>969288</b>	44009	<b>WEB</b>



### Fine Sweeps

**Weiler** For dust and fine dirt on smooth surfaces. Lacquered hardwood block.

**Requires 15/16" handle, sold separately.**

#### Black Horsehair & Poly Blend

Stk.	Mfr.	Block Size	Trim Length	Price
<b>969275</b>	42013	18"	3"	<b>WEB</b>
<b>969276</b>	42014	24"	3"	<b>WEB</b>

#### Flagged Silver Polystyrene

Stk.	Mfr.	Block Size	Trim Length	Price
<b>969282</b>	42041	18"	3"	<b>WEB</b>
<b>969283</b>	42042	24"	3"	<b>WEB</b>



### Medium Sweeps

**Weiler** For general purpose medium sweeping. Black tampico fill. Lacquered hardwood block.

**Requires 15/16" handle, sold separately.**

Stk.	Mfr.	Block Size	Trim Length	Price
<b>969273</b>	42007	18"	3"	<b>WEB</b>
<b>969274</b>	42008	24"	3"	<b>WEB</b>



### Coarse Sweeps

**Weiler** Coarse brush for sweeping heavy dirt and debris on rough surfaces. Black tampico fill with 1 row tempered steel wire in center. Lacquered hardwood block.

**Requires 1-1/8" handle, sold separately.**

Stk.	Mfr.	Block Size	Trim Length	Price
<b>969277</b>	42134	18"	3"	<b>WEB</b>
<b>969284</b>	42135	24"	3"	<b>WEB</b>



### Garage Brushes

**Weiler** Lacquered hardwood block. Moves heavy, caked dirt and debris over concrete and other rough surfaces. Use inside or outside for wet or dry sweeping. Solvent, oil, chemical and liquid resistant.

Requires 1-1/8" handle, sold separately.

### Maroon Polypropylene Fill

Stk.	Mfr.	Block Size	Trim Length	Price
<b>969280</b>	42025	18"	3-1/8"	<b>WEB</b>
<b>969281</b>	42026	24"	3-1/8"	<b>WEB</b>

### Palmyra Fill

Stk.	Mfr.	Block Size	Trim Length	Price
<b>969278</b>	42022	18"	4"	<b>WEB</b>
<b>969279</b>	42023	24"	4"	<b>WEB</b>



### Floor Squeegee

**Ettore** Curved end, heavy-duty squeegee has a rustproof steel handle socket and frame. Oil resistant, 24" black neoprene rubber blade for rough, heavy use.

Requires 1-1/8" handle, sold separately.

Stk.	Mfr.	Item	Price
<b>943113</b>	54524	24" Squeegee	<b>WEB</b>
<b>969326</b>	C-54	54"L, 1-1/8" Tapered Handle	<b>WEB</b>
<b>969290</b>	44020	60"L, 1-1/8" Tapered Handle	<b>WEB</b>



### Brush Handles

**Weiler**

### Wooden

Stk.	Mfr.	Item	Dia.	Length	Price
<b>969299</b>	44301	Plastic Thread	15/16"	60"	<b>WEB</b>
<b>969325</b>	A-54	Wood Thread	15/16"	54"	<b>WEB</b>
<b>969289</b>	44018	Wood Thread	15/16"	60"	<b>WEB</b>
<b>969316</b>	44019	Wood Thread	1-1/8"	60"	<b>WEB</b>
<b>969327</b>	M-48	Metal Thread	15/16"	48"	<b>WEB</b>
<b>969298</b>	44300	Metal Thread	15/16"	60"	<b>WEB</b>

### Metal With swivel hang cap.

Stk.	Mfr.	Item	Dia.	Length	Price
<b>969321</b>	44577	Metal Thread	15/16"	60"	<b>WEB</b>



### Threaded Replacement Tip

**Weiler** Made of heavy duty fiberglass. Use with any 15/16" dia. handle.

Stk.	Mfr.	Price
<b>969302</b>	44317	<b>WEB</b>



### Steel Brace #1

**Weiler** Reinforces & locks to block. Fits all handle sizes.

Stk.	Mfr.	Price
<b>969291</b>	44021	<b>WEB</b>



### Heavy-duty Steel Brace #2

**Weiler** Attaches to block w/wood screws & wraps around handle. Increases the life of the brush by providing extra support for handle & block. Fits all handle sizes.

Stk.	Mfr.	Price
<b>969297</b>	44290	<b>WEB</b>



### Plastic Dust Pan

**Quickie** Rust and crack-free plastic dust pan snaps to broom handle.

Stk.	Mfr.	Price
<b>942958</b>	409	<b>WEB</b>



### Steel Dust Pan

**Weiler** Heavy-duty 20 ga. steel dust pan with black enamel finish.

Stk.	Mfr.	Size	Price
<b>969317</b>	71078	12"W x 13-1/2"D	<b>WEB</b>
<b>969318</b>	71079	16"W x 15"D	<b>WEB</b>



### Grip Clip Organizers

**Lehigh** For hanging lawn and garden tools, brooms and mops. Spring steel clips keep original shape.

**Includes** wood screws.

Stk.	Mfr.	Holds	Capacity	Qty.	Price
<b>943185</b>	13200	3/8" to 5/8" dia.	10 lbs.	5	<b>WEB</b>
<b>943184</b>	13201	3/4" to 1-1/8" dia.	25 lbs.	4	<b>WEB</b>

## FASTENERS



### Nylon Cable Ties

**Gardner Bender** Self-locking nylon ties for bundling wire, cables, harnesses and more. 75 lbs. tensile strength.

### White

Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>942906</b>	46-308	8"	2"	100	<b>WEB</b>
<b>942910</b>	46-308MN	8"	2"	1,000	<b>WEB</b>

### Black UV resistant.

Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>942908</b>	46-310UVB	11"	3"	100	<b>WEB</b>



### 8" Nylon Cable Ties

**Gardner Bender** Double lock cable ties of 100% nylon 6/6 material. Locking teeth on both sides of the tie and at the head ensuring a strong connection. Assorted fluorescent. 75 lbs. tensile strength.

Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>416575</b>	46-308FST	8"	2"	100	<b>WEB</b>



### Cable Tie Assortment

**Fastener Barn Includes** 135 cable ties (4"L - 11"L, 18 lbs. - 50 lbs. tensile strength), 10 adhesive mounts 3/4" x 3/4" & 10 screw mounts 3/4" x 1/2", plus plastic case w/informational top.

Stk.	Mfr.	Qty.	Price
<b>485509</b>	CT99	155	<b>WEB</b>



### 250-Piece Cable Tie Assortment

**Performance Tool** Includes 4" with 18 lb. tensile strength 25 ea. (yellow, blue), 6" with 18 lb. tensile strength 25 ea. (white, black), 8" with 40 lb. tensile strength 25 ea. (red, green), 50 ea. (white, black).

Stk.	Mfr.	Price
<b>976565</b>	W2918	<b>WEB</b>



### Adjustable Cable Tie Gun

**Performance Tool** Automatically flush cuts unused portion of cable tie.

Capacity: 3/32"W to 3/16"W, up to 1/16"T

Stk.	Mfr.	Price
<b>976566</b>	W2919	<b>WEB</b>



### Velcro

Great for indoor and outdoor projects requiring a superior-strength or waterproof fastener. Black industrial-strength strips for strong closures. **Includes** pkg. w/built-in dispenser.

Stk.	Mfr.	Size	Qty.	Price
<b>942810</b>	90199	2"W x 4"L	2 strips	<b>WEB</b>
<b>942812</b>	90197	2"W x 15'L	1 roll	<b>WEB</b>

General purpose black press-on fasteners are great for smooth surfaces such as painted wallboard, glass, metal and most plastics.

Stk.	Mfr.	Size	Qty.	Price
<b>942825</b>	90072	7/8"W x 7/8"L	12 squares	<b>WEB</b>



### Bungee Cords

**Master Mechanic** Premium grade cord of first quality, long lasting rubber with durable UV resistant outer jacket. Bungee balls are cords with connector balls rather than hooks. Assorted sizes and colors.

**Includes** 12 cords (1 ea. 32", 2 ea. 24" & 18"; 5 ea. 10" mini cords) & 6 bungee balls.

Stk.	Mfr.	Qty.	Price
<b>942869</b>	MM42	20/pkg.	<b>WEB</b>



### Rubber Straps

**Performance Tool** Heavy-duty rubber tie-downs are made of weather-resistant EPDM rubber, and nickel-plated steel "S" hooks at each end.

**Includes** two 15" and four 31" straps.

Stk.	Mfr.	Qty.	Price
<b>976450</b>	1979	6	<b>WEB</b>

## TAPE



### Contractor-grade Nonskid Tape

**Incom** High-traction tape with durable 46-grit aluminum oxide compound provides longevity for general purpose indoors/outdoors. Good water and chemical resistance.

#### Black

Stk.	Mfr.	Width	Length	Price
<b>478700</b>	SG7002CB	2"	60'	<b>WEB</b>
<b>478701</b>	SG7004CB	4"	60'	<b>WEB</b>
<b>478702</b>	SG7006CB	6"	60'	<b>WEB</b>

#### Yellow/Black Striped

Stk.	Mfr.	Width	Length	Price
<b>478698</b>	SG3902YB	2"	60'	<b>WEB</b>

#### Yellow/Black "Caution Watch Your Step"

Stk.	Mfr.	Width	Length	Price
<b>478710</b>	SG8903PT	3"	60'	<b>WEB</b>



### Safety Stripe Warning Tape

**Incom** Tape has bright, durable warning stripes protected by clear laminated film to provide a bold, long lasting warning tape. Self-sticking tape adheres easier, faster and outlasts painted stripes.

Stk.	Mfr.	Width	Length	Color	Price
<b>590346</b>	VHT210	2"	18 yd.	black/yellow	<b>WEB</b>
<b>590364</b>	VHT211	2"	18 yd.	red/white	<b>WEB</b>
<b>590347</b>	WT2110	2"	36 yd.	black/yellow	<b>WEB</b>
<b>590365</b>	WT2200	2"	36 yd.	red/white	<b>WEB</b>



### 1/2" Drafting Tape

**Alvin** Premium drafting tape features a smooth, low tack surface that allows T-squares and triangles to glide over drawings without hanging up. These drafting tapes will leave no stain, sticky residue, or abraded surface when removed.

Stk.	Mfr.	Size	Price
<b>196276</b>	2300-A	1/2" x 60 yd.	<b>WEB</b>



### Low Tack Drafting Tape

**Pacific Arc** Drafting tape recommended for use on all paper and vellum. This pH neutral tape features a specially formulated adhesive, strong enough to securely hold paper and vellum to the drawing surface and gentle enough to be easily removed without damaging the surface.

Stk.	Mfr.	Size	Price
<b>640850</b>	075-10	3/4" x 10 yd.	<b>WEB</b>
<b>640851</b>	075-60	3/4" x 60 yd.	<b>WEB</b>
<b>640852</b>	100-60	1" x 60 yd.	<b>WEB</b>



### Colored Masking Tape

**Creativity Street** Colored masking tapes are a must-have craft essential for any supply cabinet. Acid-free.

**Includes** 1 ea. 1" x 60 yd. (red, orange, pink, green, yellow, blue, white, black).

Stk.	Mfr.	Price
<b>620581</b>	PAC4860	<b>WEB</b>



### Tartan™ Masking Tape

**3M Tartan** Tape is designed for labeling, wrapping and other jobs where pressure-sensitive tape is needed. Use for non-critical painting applications. It should be removed within 4 hours. It should not be applied to wallpaper, unpainted wallboard or ceiling tile.

Stk.	Mfr.	Width	Length	Price
<b>590226</b>	5142-18E	3/4"	60 yd.	<b>WEB</b>
<b>590228</b>	5142-24A	1"	60 yd.	<b>WEB</b>
<b>590230</b>	5142-36A	1-1/2"	60 yd.	<b>WEB</b>
<b>590232</b>	5142-48A	2"	60 yd.	<b>WEB</b>



### General Use Masking Tape 201+

**3M** Light-to-medium duty tape sticks to many surfaces and removes cleanly with no residue.

Stk.	Mfr.	Width	Length	Price
<b>590225</b>	201	1/2"	60 yd.	<b>WEB</b>



### Scotch-Blue™ Painter's Tape

**3M Scotch** Leaves no adhesive transfer or surface damage for up to 14 days, even in direct sunlight. Medium adhesion tape is ideal for painted walls, trim, woodwork, glass and metal.

Stk.	Mfr.	Width	Length	Price
<b>590250</b>	2090-18EC	3/4"	60 yd.	<b>WEB</b>
<b>590246</b>	2090-24AP	1"	60 yd.	<b>WEB</b>
<b>590247</b>	2090-48MP	2"	60 yd.	<b>WEB</b>
<b>590248</b>	2090-72NC	3"	60 yd.	<b>WEB</b>



### Clear Packaging Tape

**3M** Clear general purpose tape for box sealing, splicing and more. Adheres instantly in a range of environments and applications to a variety of surfaces. Edge tear and split resistance. Good adhesion to fiberboard. Complies w/ASTM D 1974-92.

Stk.	Mfr.	Width	Length	Price
<b>943019</b>	305	1.89"	54 yd.	<b>WEB</b>



### Gorilla Clear Tape

**Gorilla Glue** Fix, patch, seal, hold and protect almost any surface. Water, UV and temperature resistant clear tape. Will not yellow outdoors. Airtight for patching smooth surfaces, plus sticks to smooth, rough and uneven surfaces.

Stk.	Mfr.	Width	Length	Price
<b>511340</b>	60270	1.88"	27'	<b>WEB</b>



### Gorilla Duct Tape

**Gorilla Glue** Tough all-weather shell stands up to the elements with tough abrasion resistance and a tight moisture/UV barrier. Reinforced tight-weave backing conforms easily to surfaces. Incredibly

strong, yet can be ripped by hand. Aggressive double-thick adhesive fills in gaps on rough, porous or imperfect surfaces.

Stk.	Mfr.	Width	Length	Color	Price
<b>511339</b>	61001	1"	10 yd.	Black	<b>WEB</b>
<b>511335</b>	60035	2"	30 yd.	Black	<b>WEB</b>
<b>511341</b>	60740	2"	30 yd.	Silver	<b>WEB</b>



### Duct Tape

**Nashua** Versatile, polyethylene-coated cloth tape conforms and adheres to irregular surfaces. Tears off easily.

Stk.	Mfr.	Width	Length	Color	Price
<b>943222</b>	394	2"	60 yd.	Silver	<b>WEB</b>



### Multi-Use Duct Tape

**3M** Perfect for repairs, box sealing and bundling, plus hanging lightweight polyethylene sheeting. Durable duct tape tears easily, applies smoothly and holds well even on curved surfaces.

Stk.	Mfr.	Width	Length	Color	Price
<b>942930</b>	2930-C	2"	30 yd.	Silver	<b>WEB</b>
<b>942692</b>	3920-YL	2"	20 yd.	Yellow	<b>WEB</b>
<b>942693</b>	3920-RD	2"	20 yd.	Red	<b>WEB</b>
<b>942694</b>	3920-BL	2"	20 yd.	Blue	<b>WEB</b>
<b>942689</b>	3920-BK	2"	20 yd.	Black	<b>WEB</b>



### Multi-Use Duct Tape, 5-Pack

**3M** Durable duct tape tears easily, applies smoothly and holds well even on curved surfaces.

**Includes** 1 ea. 2" x 20 yd. (blue, red, yellow, black) and 2" x 30 yd. silver.

Stk.	Mfr.	Price
<b>544020</b>	MW-DUCT5	<b>WEB</b>



### Double-Sided Tape

**Pacific Arc** Tape features an extremely thin roll of double-stick tape with peel-off liner. Strong adhesive, ideal for adhering vinyl board cover to all surfaces.

Stk.	Mfr.	Size	Price
<b>640849</b>	075-3603W	3/4" x 36 yd.	<b>WEB</b>
<b>640854</b>	100-2501W	1" x 25'	<b>WEB</b>
<b>640853</b>	100-3603W	1" x 36 yd.	<b>WEB</b>



### Magic Scotch Tape

**3M Scotch** Magic transparent tape with plastic dispenser. The original matte finish invisible tape. Write on it with pen, pencil or marker.

Stk.	Mfr.	Width	Length	Price
<b>943163</b>	119	1/2"	800"	<b>WEB</b>
<b>943164</b>	104	1/2"	450"	<b>WEB</b>



### Electrical Tape

**Gardner Bender** General purpose 7 mil electrical tape with durable adhesive is made from low-lead PVC, is resistant to abrasion, UV rays, moisture and many acids.

Stk.	Mfr.	Width	Length	Color	Price
<b>590380</b>	GTP-607	3/4"	60'	Black	<b>WEB</b>





### Electrical Tape, 5-Pack

**Performance Tool** For multiple uses around the shop. Cold and weather resistant.

Stk.	Mfr.	Width	Length	Color	Price
<b>976500</b>	W548	3/4"	30'	Black	<b>WEB</b>



### Professional Electrical Tape

**Duck** Ideal for most electrical work and applications requiring extreme endurance and resistance against cuts and scratches, even under severely cold temperatures. Meets and conforms to UL and CSA building codes.

Stk.	Mfr.	Width	Length	Color	Price
<b>943399</b>	04141	3/4"	66'	White	<b>WEB</b>



### Vinyl Electrical Tape

**Gardner Bender** Assorted 7 mil. vinyl tape for marking wires and circuits. 5 pack includes red, orange, blue, green and white.

Stk.	Mfr.	Width	Length	Price
<b>942937</b>	GTPC-550	1/2"	20'	<b>WEB</b>



### Liquid Electrical Tape

**Gardner Bender** Liquid coating for insulating and protecting electrical splices and connections. Waterproof tape won't unravel or deteriorate. For indoor/outdoor use. Brush-on applicator.

Stk.	Mfr.	Size	Color	Price
<b>416650</b>	LTB-400	4 oz. bottle	Black	<b>WEB</b>
<b>416651</b>	LTR-400	4 oz. bottle	Red	<b>WEB</b>



### Friction Tape

**Gardner Bender** Black friction tape with matted finish provides gripping surface. Use for electrical splices, wrap grips and other uses.

Stk.	Mfr.	Width	Length	Price
<b>416611</b>	GTF-600N	3/4"	60'	<b>WEB</b>



### PTFE Thread Seal Tape

**Harvey** PTFE white thread seal tape. Provides a strong, tight seal for any threaded joint. Temperature range -400°F to 500°F.

Stk.	Mfr.	Length	Width	Price
<b>943201</b>	017117B	43'	1/2"	<b>WEB</b>

## SAFETY



### Multilingual Closed Floor Sign

**Rubbermaid** Two-sided, with multilingual "Closed" imprint. Molded, light weight, folds. ANSI- and OSHA-compliant color/graphics.

**English, Spanish, German and French.**

Stk.	Mfr.	Size	Price
<b>532815</b>	FG611278YEL	11"W x 26"H	<b>WEB</b>



### Orange Traffic & Safety Cone

**MSA** Durable 1-piece, PVC cone stays flexible in all weather conditions. High-visibility fluorescent orange is ultra-violet stabilized for fade resistance. Stable high-density base.

**Meets MUTCD specifications.**

Stk.	Mfr.	Size	Price
<b>943029</b>	10073409	11"L x 11"W x 18"H	<b>WEB</b>



### General Shop Safety Signs

**Safety Rules** Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

### Eye Protection Required

Stk.	Mfr.	Size	Price
<b>770370</b>	A	8" x 11"	<b>WEB</b>

### Keep Guard in Place

Stk.	Mfr.	Size	Price
<b>770371</b>	B	8" x 11"	<b>WEB</b>

### Think! Accidents are Avoidable!

Stk.	Mfr.	Size	Price
<b>770372</b>	C	8" x 11"	<b>WEB</b>

### Keep Fingers Away From Moving Parts

Stk.	Mfr.	Size	Price
<b>770373</b>	F	8" x 11"	<b>WEB</b>

### Keep the Shop Clean and Orderly

Stk.	Mfr.	Size	Price
<b>770374</b>	G	8" x 11"	<b>WEB</b>

### No Running or "Horseplay" in the Shop

Stk.	Mfr.	Size	Price
<b>770375</b>	H	8" x 11"	<b>WEB</b>

### Do Not Bother Machine Operators

Stk.	Mfr.	Size	Price
<b>770376</b>	J	8" x 11"	<b>WEB</b>

### Put Tools Back in Their Proper Place

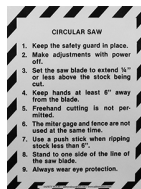
Stk.	Mfr.	Size	Price
<b>770377</b>	K	8" x 11"	<b>WEB</b>

### Machines Have No Brains. Use Yours!

Stk.	Mfr.	Size	Price
<b>770378</b>	L	8" x 11"	<b>WEB</b>

### Safety Instruction Required Before You Operate Machines

Stk.	Mfr.	Size	Price
<b>770379</b>	M	8" x 11"	<b>WEB</b>



## Machine Safety Rules

**Safety Rules** Enforce your safety program with these clear, concise safety rules. Printed with black ink on bright yellow heavy stock paper. Signs are laminated for durability.

Stk.	Mfr.	Item	Size	Price
<b>770385</b>	1	Circular Saw	8" x 11"	<b>WEB</b>
<b>770386</b>	2	Jointer	8" x 11"	<b>WEB</b>
<b>770387</b>	3	Jig Saw	8" x 11"	<b>WEB</b>
<b>770388</b>	4	Band Saw	8" x 11"	<b>WEB</b>
<b>770389</b>	5	Wood Lathe	8" x 11"	<b>WEB</b>
<b>770390</b>	6	Radial Arm Saw	8" x 11"	<b>WEB</b>
<b>770391</b>	7	Disc/Belt Sander	8" x 11"	<b>WEB</b>
<b>770392</b>	8	Surfacer	8" x 11"	<b>WEB</b>
<b>770393</b>	10	Wood Shaper	8" x 11"	<b>WEB</b>
<b>770394</b>	11	Drill Press	8" x 11"	<b>WEB</b>
<b>770395</b>	12	Grinder	8" x 11"	<b>WEB</b>
<b>770396</b>	13	Gas Welding	8" x 11"	<b>WEB</b>
<b>770397</b>	14	Electric Welding	8" x 11"	<b>WEB</b>
<b>770398</b>	15	Metal Lathe	8" x 11"	<b>WEB</b>
<b>770399</b>	16	Milling Machine	8" x 11"	<b>WEB</b>
<b>770400</b>	17	Vertical Band Saw	8" x 11"	<b>WEB</b>
<b>770401</b>	20	Horizontal Band Saw	8" x 11"	<b>WEB</b>

## CLEANING PRODUCTS



### Concentrated Liquid Oil Soap

**Murphy** Pure vegetable base, clean scent, nontoxic soap. Natural cleaner for wood floors, paneling and other wood surfaces. 32 oz. makes 16 gal., 1 gal. makes 64 gal.

Stk.	Mfr.	Size	Price
<b>943146</b>	01163	32 oz.	<b>WEB</b>
<b>943147</b>	01103	1 Gal.	<b>WEB</b>



### Brasso Metal Polish, 8 oz.

**Brasso** Easy to use and makes your hard-to-clean metals look brand new again. Works for brass, copper, chrome, bronze, stainless steel, pewter, or aluminum.

Stk.	Mfr.	Size	Price
<b>943511</b>	2660089334	8 oz.	<b>WEB</b>



### Premium Absorbent

**Oil-Dri** Highly porous clay granules absorb most types of oils, acids, inks, paints and more. Do not use with turpentine, vegetable oil, unsaturated organic compounds, or hydrofluoric acid.

Stk.	Mfr.	Size	Price
<b>943471</b>	105040-G50	40 Qt.	<b>WEB</b>



### Kleen Sweep™

**Akona** Water-based compound out performs oil-based products. Controls dust and picks up on cement, vinyl, rubber, asphalt, composition and other floors. Picks up gypsum and wall board dust. Stain-free and won't leave oily residue. Environmentally safe (no petroleum oil, not toxic or hazardous).

Stk.	Mfr.	Size	Price
<b>942859</b>	1815	50 lbs.	<b>WEB</b>



### Wiping Cloths

**Kimberly-Clark** Cloth-like towels for heavy cleaning or polishing. 12" x 15" white cloths. Ideal for cleaning jobs. 56 sheets/pkg.

Stk.	Mfr.	Qty.	Price
<b>482779</b>	05701	18 pkg./case	<b>WEB</b>



### Shop Towel Roll

**Scott** Shop towel roll is ideal for cleaning up the toughest grease, grime & solvents. Heavy-duty, disposable and reusable. Reinforced with synthetic innovative Hydroknit technology. 3 times stronger when wet.

Stk.	Mfr.	Qty.	Price
<b>943312</b>	32992	60 ct. roll	<b>WEB</b>



### Mechanic's Shop Towels

**Clean Rite** 100% cotton shop towels for oil and grease spills or general cleanup. Red. 13" x 14".

Stk.	Mfr.	Qty.	Price
<b>943303</b>	3-542	25/pkg.	<b>WEB</b>



### Cotton Shop Towels

**Adenna** These red, 100% cotton shop towels are ideal for removing dirt and grime from tools and parts or wiping up oil, grease and lubricants. They're extremely absorbent, extra soft, and clear coat safe. Hemmed for extra strength, toss them in the washer and dryer for using again.

14" x 14". 25 lb. box.

Stk.	Mfr.	Size	Price
<b>120183</b>	541-25	25 lbs.	<b>WEB</b>



### White Rags in a Box

**Scott** The strength of cloth with the absorbency of a sponge. Pop-up dispenser box.

Stk.	Mfr.	Qty.	Price
<b>942724</b>	75240	85	<b>WEB</b>
<b>942725</b>	75260	200	<b>WEB</b>



### Exact Cuts Shop Towels

**Intex** Exact cut T-shirt rags for painting and staining. Each 14" x 16" cloth comes without seams, holes or ragged, stringy edges. Prewashed for super absorbency and low lint.

Stk.	Mfr.	Qty.	Price
<b>942903</b>	W-30005	30	<b>WEB</b>



### TaskBrand® Premium Wipes

**Adenna** White, medium-duty hydrospun substrate wipes are durable and absorbent with a cloth-like feel. Low lint and solvent resistant. Use for automotive paint prep, solvent application, lubricants, glass and mirror cleaning, general hand wiping.

White. 9" x 16-3/4".

Stk.	Mfr.	Qty.	Price
<b>120320</b>	P060IDW	125/pkg.	<b>WEB</b>



### New White Unwashed Knit Wipers

**Adenna** Made from new white t-shirt mill-end material with low water absorbency. Fabric content can vary from cotton to cotton blends and jersey or smooth knit.

Stk.	Mfr.	Size	Price
<b>120180</b>	455-25	25 lbs.	<b>WEB</b>



### Contractor's Choice Shop Towels

**Intex** Lint-free rags for painting, staining, polishing and cleaning. White washed and bleached all new cotton T-shirt rags are extra absorbent and soft.

Stk.	Mfr.	Size	Price
<b>942901</b>	6414-10	8 lb.	<b>WEB</b>



### Reusable Tack Cloth

**Rubberset** Reusable, bleached tack cloth removes dust and lint for super smooth finish, before application of lacquer, enamel, varnish or shellac.

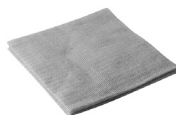
Stk.	Mfr.	Size	Price
<b>532813</b>	115829000	18" x 36"	<b>WEB</b>



### Micro-Fiber Dry Tack Cloth

**NORTON** For general dry applications. Works best when sprayed with a light water mist to deep clean. Can be washed 300+ times without losing its cleaning and trapping abilities.

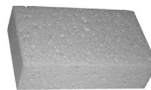
Stk.	Mfr.	Size	Price
<b>600509</b>	06038	16" x 16"	<b>WEB</b>



### Tack Cloth

**Trimaco** Excellent for cleaning and removing dust between coats of paint or stain and is reusable. Also a favorite in the automotive industry.

Stk.	Mfr.	Size	Price
<b>942868</b>	10501	18" x 36"	<b>WEB</b>



### Commercial Sponge

**3M** Extra-large, highly-absorbent cellulose sponge is durable and less likely to fall apart.

Stk.	Mfr.	Size	Price
<b>943246</b>	7456-T	7.5"L x 4.4"W x 2"H	<b>WEB</b>



### Scotch-Brite™ Scouring Pads

**3M** Non-rusting and resilient, this synthetic pad is an ideal replacement for steel wool or stainless steel scrubbers. Not recommended for use on polished or easily scratched surfaces.

Stk.	Mfr.	Size	Qty.	Price
<b>590275</b>	96	6" x 9"	20	<b>WEB</b>

## HAND CLEANERS



### Disinfecting Wipes

**Clorox** Disinfecting wipes that kill 99.9% of viruses and bacteria, including E. coli, Salmonella, SARS-CoV-2 (the virus that causes COVID-19), Staph, Strep, and more. Count on these powerful disinfecting wipes for daily classroom cleanup to keep your students safe. EPA-registered. Prevents bacteria growth for up to 24 hours.

Stk.	Mfr.	Size	Price
<b>943573</b>	01628	75 ct.	<b>WEB</b>



### Instant Hand Sanitizer

**Purell** Kills 99.9% of germs on hands, including Staphylococcus aureus, Escherichia coli and Staphylococcus epidermis. Fragrance-free, dye-free gel formulation.

Stk.	Mfr.	Size	Price
<b>968073</b>	9652-12	8 oz.	<b>WEB</b>



### Hand Sanitizer Pump Spray

**Blaster Chemical** Blaster Hand Sanitizer is an alcohol anti-septic 80% non-sterile, topical solution. It is recommended for use to help reduce bacteria that can potentially cause disease.

Stk.	Mfr.	Size	Price
<b>249000</b>	8-HS-SPRY	8.5 fl. oz.	<b>WEB</b>



### Lava Bar Soap

**Lava** The original pumice powdered heavy-duty hand cleaner. Cleans away grease, oil, tar, ink, paint, adhesives, caulk and lubricants.

Stk.	Mfr.	Size	Qty.	Price
<b>618719</b>	10085	5.75 oz.	1	<b>WEB</b>



### Go-Jo® Original Formula™ Hand Cleaner

**Go-Jo** Creme formula contains soothing emollients. Removes heavy grease, tar and oil. Rub, then wipe clean with towel or rinse off.

Stk.	Mfr.	Size	Type	Price
<b>968040</b>	1115-06	4.5 lb.	Plastic Cartridge	<b>WEB</b>



### Go-Jo® Natural Orange™ Smooth Hand Cleaner

**Go-Jo** Quick-acting lotion formula for cleaning industrial soils, medium dirt and grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
<b>968014</b>	0945-04	1 gal.	Bottle w/Pump	<b>WEB</b>
<b>968015</b>	0947-12	14 oz.	Squeeze Bottle w/Nail Brush	<b>WEB</b>



### Go-Jo® Natural Orange™ Pumice Hand Cleaner

**Go-Jo** Quick-acting lotion with pumice scrubbing particles clean industrial soils, medium dirt and grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
<b>968017</b>	0955-02	1 gal.	Bottle w/Pump	<b>WEB</b>
<b>968018</b>	0957-12	14 oz.	Squeeze Bottle w/Nail Brush	<b>WEB</b>



### Go-Jo® Fine Italian Pumice Hand Cleaner

**Go-Jo** Creme formula fine pumice particles for extra cleaning action. Removes heavy grease, tar and oil.

Stk.	Mfr.	Size	Type	Price
<b>968045</b>	1135-06	4 lb.	Plastic Cartridge	<b>WEB</b>



### Go-Jo® Cherry Gel Pumice Hand Cleaner

**Go-Jo** Gel-style hand cleaner with pumice scrubbers and a cherry fragrance.

Stk.	Mfr.	Size	Type	Price
<b>968052</b>	2356-04	1/2 gal. Bottle w/Pump		<b>WEB</b>



### Hand & Foot Cream

**O'Keefe's** A unique formulation of moisturizing ingredients guaranteed to improve dry skin. Made with glycerin, that draws in and retains moisture, necessary for healthy skin.

Stk.	Mfr.	Item	Size	Price
<b>511100</b>	K0350007	Working Hands	3.4 oz.	<b>WEB</b>
<b>511101</b>	K0320005	Healthy Feet	3.4 oz.	<b>WEB</b>

## DEGREASERS & STAIN REMOVERS



### Original Krud Kutter

**Krud Kutter** Cut grease, grime, oil, tar, wax and more. Spray to safely clean food stains, dried latex paint, paint overspray, tape residue, glue and adhesive, acid rain, bird droppings, smoke damage, tree sap, marker, crayon, brake dust, oxidation, scuff marks, blood stains, gum, soap scum, mildew stains. Recommended for pressure washers and carpet cleaning machines. Earth-friendly water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
<b>889350</b>	KK32	32 oz.	<b>WEB</b>
<b>889345</b>	KK01	1 Gal.	<b>WEB</b>



### Tough Task Remover

**Krud Kutter** Safely removes chewing gum, masking tape, printer's ink, soap scum, scuff marks, food stains, crayons, grease, oil, stickers, ink, shoe polish, wax, most glues, lipstick, tar and more. Environmentally-friendly, water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
<b>889348</b>	KR01	1 Gal.	<b>WEB</b>



### Tough Task Citrus Remover

**Krud Kutter** Commercial-strength formula safely and easily removes chewing gum, dried latex paint, stickers, tape, glue, ink, crayon, shoe polish, tar, asphalt, oil, grease, lipstick, soap scum, mildew, cosmetics. Not for use on leather, wood or other varnished surfaces. Environmentally-friendly cleaner is nontoxic, nonabrasive, nonflammable and biodegradable.

Stk.	Mfr.	Size	Price
<b>889343</b>	KC32	32 oz.	<b>WEB</b>



### All-Purpose Cleaner

**Simple Green** Ready-to-use cleaner is pre-diluted with water, but the formula is still strong enough for heavy cleaning and will clean bathtubs, stove-tops, floors, walls, engines and tools. Use on any indoor or outdoor washable surface. Non-toxic and biodegradable.

Stk.	Mfr.	Size	Price
<b>943363</b>	2710001213013	24 oz.	<b>WEB</b>



### Goo Gone Spray Gel

**Homax** Trigger bottle application allows gel to cling to the surface for no-drip, no-mess cleaning. Since gel holds onto the stain, it cleans quickly and effectively removes chewing gum, laundry stains, crayon, wax and more.

Stk.	Mfr.	Size	Price
<b>943266</b>	GGHS12	12 oz.	<b>WEB</b>



### Graffiti Remover

**Krud Kutter** Ultimate spray paint graffiti remover works on most hard, soft and porous surfaces. Removes acrylic, acrylic enamel, aerosol paint, enamel, high gloss, oil lacquers, primers, sealers, semi-gloss, Speed-E-Namels, stain killers, super enamels, urethane and water-based enamels, plus permanent markers, ink, lipstick, crayon and shoe dye. Environmentally-friendly water-based, nontoxic, non-flammable, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
<b>889335</b>	GR01	1 Gal.	<b>WEB</b>



## LUBRICANTS



### WD-40 Spray Lubricant

**WD-40** Multipurpose lubricant will stop squeaks, free rusted parts and sticky mechanisms, protect metals and displace moisture, lubricate and restore smooth operation to moving parts and serve as lathe center lubricant. Flip attached straw into place for direct applications (gal. requires Spray Applicator Bottle, sold separately). Silicone-free and clean to use.

Stk.	Mfr.	Item	Size	Price
<a href="#">966013</a>	49002	Smart Straw Spray	8 oz.	<b>WEB</b>
<a href="#">966014</a>	49005	Smart Straw Spray	12 oz.	<b>WEB</b>
<a href="#">966009</a>	49009	Big Blast Aerosol	18 oz.	<b>WEB</b>
<a href="#">966008</a>	49011	Gallon	1 gal.	<b>WEB</b>
<a href="#">966003</a>	10000	Spray Applicator Bottle		<b>WEB</b>



### Water Resistant Silicone Lubricant Spray

**WD-40** Safely lubricates, waterproofs and protects metal and non-metal surfaces, including rubber, plastic and vinyl. Dries fast and leaves a clear, non-staining film. Effective temperature range from -100°F to 500°F. Ideal for cables, pulleys, guide rails, valves, linkages, hinges, locks and more. **50-state VOC compliant.**

Stk.	Mfr.	Size	Price
<a href="#">966031</a>	30001	11 oz.	<b>WEB</b>



### Advanced Dry Lube Spray with Teflon™

**Blaster Chemical** Blaster Dry Lube is aerosol formulated with Teflon™ Fluoropolymer, which helps reduce friction and wear, protect surfaces and enhance performance. Use it on locks and catches, hinges, cables, window and door tracks, rope and conveyor belts.

Stk.	Mfr.	Size	Price
<a href="#">943499</a>	16-TDL	9.3 oz. Aerosol	<b>WEB</b>



### Multi Purpose Spray Lubricant

**3M** Specialized aerosol formula provides the characteristics of lubricating oil, penetrating oil, demineralizing coating and thin-bodied transparent rust preventative coating.

Stk.	Mfr.	Size	Price
<a href="#">590253</a>	08898	10.5 oz.	<b>WEB</b>



### PB Blaster Penetrant and Lubricant

**Blaster Chemical** Penetrant quickly busts loose rusted or frozen parts caused by rust and corrosion. It also contains a non-evaporating lubricant that saves time and equipment and protects against further rust and corrosion.

Stk.	Mfr.	Size	Price
<a href="#">943509</a>	16-PB-DS	11 oz. Aerosol	<b>WEB</b>



### Tool & Instrument Oil

**Starrett** Provides a lasting oil film over all areas requiring protection against rust. This oil has not been adulterated by additives for color or odor.

Stk.	Mfr.	Size	Price
<a href="#">875500</a>	1620	4 oz.	<b>WEB</b>



### Extra Fine Graphite Lubricant

**AGS** Fine dry powdered lubricant for locks, hinges, tools, bicycles & more.

Stk.	Mfr.	Size	Price
<a href="#">942897</a>	MZ-5	32 grams	<b>WEB</b>



### Liquid Wrench® Lubricant

**Gunk** Powerful blend of quick-acting, fast-penetrating solvent that loosens rusted nuts, bolts and parts in seconds. Protects all metal surfaces from rust and corrosion.

Stk.	Mfr.	Size	Price
<a href="#">942951</a>	L2-04	4 oz. Drip	<b>WEB</b>
<a href="#">942950</a>	L112	11 oz. Spray	<b>WEB</b>



### Liquid Wrench® Silicone Spray

**Gunk** Compatible with all metals, rubber, plastic and wood. High-viscosity formula eliminates squeaks and lubricates all kinds of mechanical and automotive equipment.

Stk.	Mfr.	Size	Price
<a href="#">688140</a>	M914	11 oz.	<b>WEB</b>



### 3-in-1 Oil

**WD-40** The multipurpose oil that does it all. It lubricates, cleans and prevents rust.

Stk.	Mfr.	Size	Price
<a href="#">966001</a>	10038	8 oz.	<b>WEB</b>



### 3-in-1 Oil with Telescoping Spout

**WD-40** The multipurpose oil that does it all. It lubricates, cleans and prevents rust. 6"L. spout easily fits into hard-to-reach places and delivers oil precisely where it's needed and nowhere else.

Stk.	Mfr.	Size	Price
<a href="#">966020</a>	10070	4 oz.	<b>WEB</b>



### BladeCote® Lubricant

**Bostik** BladeCote® bonds to microstructure of metal saw blades, drills and router bits, creating a clear, micro thin coating that greatly reduces friction and extends blade life. Prevents resin and pitch buildup. Contains no silicone or petroleum oil, won't stain or interfere with glues or finishes.

Stk.	Mfr.	Size	Price
<a href="#">532812</a>	V206501	10.75 oz.	<b>WEB</b>



### GlideCote® Lubricant

**Bostik** Quick, easy application eliminates hang-ups on sliding surfaces (metal, laminate & plastic). Reduces sliding friction on table saws, receiving tables, drill presses, lathes, planers, band saws, miter saws, panel saws and hand tools. Up to 30% slicker and lasts 3x longer than paste wax. Won't stain wood or interfere with glues or finishes.

**CFC- & ODC-free. Meets VOC, EPA, CARB, AQMD & OTC standards.**

Stk.	Mfr.	Size	Price
<b>532811</b>	V207501	10.75 oz.	<b>WEB</b>

## WAX



### Clear Paste Wax

**Terwax** Restores the original satin brilliance of hardwood floors with natural Brazilian Camauba wax furnishing a hard, long wearing finish. The slip-resistant wax may be used on all fine wood furniture and floors, plus marble surfaces.

Stk.	Mfr.	Size	Price
<b>942738</b>	01016	12.35 oz.	<b>WEB</b>



### Paste Finishing Wax

**Minwax** All-purpose finishing wax. Made for light woods.

Stk.	Mfr.	Color	Size	Price
<b>793255</b>	78500	Natural	1 lb.	<b>WEB</b>



### Beeswax

**Lundmark** Lubricant for wood screws, nails, lathes, molds and more.

Stk.	Mfr.	Size	Price
<b>943341</b>	9105W54	2 oz.	<b>WEB</b>

## GLUES & ADHESIVES



### Glue Guns

Low temperature (250°) glue guns are ideal for delicate bonding of lace, foil, ribbon, floral foam and light weight fabric. High temperature (380°) glue guns are ideal for strong bonding of wood, plastic, metal, ceramics, magnets, leather, paper and fabric. Dual temperature (250° and 380°) glue guns are ideal for both delicate and strong bonds.

#### Elmer's Standard

Stk.	Mfr.	Operating Temp.	Watts	Glue Stick Dia.	Price
<b>257742</b>	E6050	Dual	40	7/16" (.43")	<b>WEB</b>

#### Gorilla Mini

Stk.	Mfr.	Operating Temp.	Watts	Glue Stick Dia.	Price
<b>511290</b>	8401502	Dual	20	5/16" (.27")	<b>WEB</b>

#### Stanley Standard

Stk.	Mfr.	Operating Temp.	Watts	Glue Stick Dia.	Price
<b>597345</b>	GR20	High	30	.45"	<b>WEB</b>
<b>597344</b>	GR25	Dual	80	.45"	<b>WEB</b>

**Stanley Standard Kit** Includes on/off switch, 18 glue sticks, extender and spreader tips.

Stk.	Mfr.	Operating Temp.	Watts	Glue Stick Dia.	Price
<b>597394</b>	GR100	Dual	80	.45"	<b>WEB</b>

#### Surebonder Mini

Stk.	Mfr.	Operating Temp.	Watts	Glue Stick Dia.	Price
<b>410900</b>	DT-200	Dual	20	5/16" (.27")	<b>WEB</b>
<b>410908</b>	LT-160	Low	10	5/16" (.27")	<b>WEB</b>

#### Surebonder Standard

Stk.	Mfr.	Operating Temp.	Watts	Glue Stick Dia.	Price
<b>410907</b>	L-270	Low	40	7/16" (.43")	<b>WEB</b>
<b>410915</b>	H-270	High	40	7/16" (.43")	<b>WEB</b>
<b>410937</b>	DT-360F	Dual	60	7/16" (.43")	<b>WEB</b>
<b>410905</b>	DT-270	Dual	40	7/16" (.43")	<b>WEB</b>

#### Surebonder Standard Cordless

Stk.	Mfr.	Operating Temp.	Watts	Glue Stick Dia.	Price
<b>410896</b>	CL-800F	High	60	7/16" (.43")	<b>WEB</b>



### 3.6V Rechargeable USB Glue Pen

**DREMEL** Heats up in just 15 seconds to keep projects moving forward. Ergonomic shape for a comfortable hold that reduces hand fatigue. Cordless design makes it easy to move around the work space while reduce-drip nozzle prevents hot glue from leaking out.

**Includes** 4 glue sticks, USB cable and power adapter.

Stk.	Mfr.	Operating Temp.	Glue Stick Dia.	Price
<b>343002</b>	HSGP-01	High	.28"	<b>WEB</b>

## Glue Gun Sticks

### Elmer's 4"

Stk.	Mfr.	Item	Dia.	Size	Qty.	Price
<b>257744</b>	E6059	All Temp	.43"	4"L	24	<b>WEB</b>

### Gorilla 4"

Stk.	Mfr.	Item	Dia.	Size	Qty.	Price
<b>511322</b>	3033002	All Temp	.43"	4"L	30	<b>WEB</b>
<b>511323</b>	3023003	All Temp	.27"	4"L	30	<b>WEB</b>

### Stanley 4" Dual Temperature

Stk.	Mfr.	Item	Dia.	Size	Qty.	Price
<b>597346</b>	GS15DT	All Purpose	.45"	4"L	6	<b>WEB</b>
<b>597347</b>	GS20DT	All Purpose	.45"	4"L	24	<b>WEB</b>

### Stanley 10" Dual Temperature

Stk.	Mfr.	Item	Dia.	Size	Qty.	Price
<b>597350</b>	GS25DT	All Purpose	.45"	10"L	12	<b>WEB</b>

### Surebonder 4" Standard Mini

Stk.	Mfr.	Item	Dia.	Size	Qty.	Price
<b>410936</b>	DT-12	All Purpose Stik™	5/16"	4"L	12	<b>WEB</b>
<b>410920</b>	DT-25	All Purpose Stik™	5/16"	4"L	25	<b>WEB</b>
<b>410930</b>	725M54	All Purpose Stik™	5/16"	4"L	565	<b>WEB</b>

### Surebonder 4" Standard

Stk.	Mfr.	Item	Dia.	Size	Qty.	Price
<b>410933</b>	DT-6	All Purpose Stik™	7/16"	4"L	6	<b>WEB</b>
<b>410935</b>	DT-20	All Purpose Stik™	7/16"	4"L	20	<b>WEB</b>
<b>410925</b>	725R54	All Purpose Stik™	7/16"	4"L	225	<b>WEB</b>
<b>410890</b>	BS-12	Best Stik™	7/16"	4"L	12	<b>WEB</b>
<b>410891</b>	WS-12	Wood Stik™	7/16"	4"L	12	<b>WEB</b>

### Surebonder 10" Standard

Stk.	Mfr.	Item	Dia.	Size	Qty.	Price
<b>410934</b>	DT-8	All Purpose Stik™	7/16"	10"L	8	<b>WEB</b>
<b>410932</b>	725R510	All Purpose Stik™	7/16"	10"L	90	<b>WEB</b>

### Biscuit Slot Glue Bottle

**Robert Larson** Specially-designed head allows accurate, quick and easy application of glue into biscuit slots. Glue sold separately.

Stk.	Mfr.	Size	Price
<b>768902</b>	825-4400	8 oz.	<b>WEB</b>

### Empty Glue Bottle with Cap

**United States Plastic** Flexible, easy-to-squeeze plastic bottle is perfect for dispensing glue. Plastic cap keeps glue from drying out.

Stk.	Mfr.	Size	Price
<b>944700</b>	70147	12 oz.	<b>WEB</b>

### Glue Spreader Set

**Woodstock** Two glue bottles, glue tip cleaning bottles and various applicator tips: roller, biscuit slot, dowel hole, glue brush, pinpoint, dovetail and standard.

Stk.	Mfr.	Price
<b>785759</b>	D4221	<b>WEB</b>

## Gorilla Glue



**Gorilla Glue** Use for bonding wood, stone, metal, ceramics, plastics and more. It is a polyurethane glue that is perfect for both indoor and outdoor projects. Can be used throughout the year from 40° to 130°F. 90% dry in 1 to 4 hours.

Stk.	Mfr.	Size	Price
<b>511329</b>	50004	4 oz.	<b>WEB</b>
<b>511330</b>	50008	8 oz.	<b>WEB</b>
<b>511331</b>	50018	18 oz.	<b>WEB</b>
<b>511332</b>	50036	36 oz.	<b>WEB</b>



### Precision Pen

**Gorilla Glue** Quick-drying white Gorilla Glue can bond and fix broken items in under 60 minutes. Securely sticks to stone, wood, glass, metal, ceramic, foam and more with a 100% waterproof seal. Pen-shaped applicator makes it easy to get a precise application when working on small jobs or in tight areas.

Stk.	Mfr.	Size	Price
<b>511333</b>	52011	.75 oz.	<b>WEB</b>

## Gorilla Wood Glue



**Gorilla Glue** A hard-working, fast-curing, long-lasting wood glue formulated for hardwoods, softwoods and wood composites. Water-resistant and mildew-resistant for indoor and outdoor projects. Dries a natural color. Nontoxic. Easy water clean-up.

**FDA-approved for indirect food contact. ANSI/HPVA Type II water-resistance listed.**

Stk.	Mfr.	Size	Price
<b>511336</b>	62000	8 oz.	<b>WEB</b>
<b>511337</b>	62050	18 oz.	<b>WEB</b>

## Titebond Original Wood Glue



**Franklin** Provides strong initial tack and fast speed of set to reduce clamp time. Develops a bond stronger than the wood itself, offers excellent sandability and is unaffected by finishes. Ideal for wood, hardboard, particleboard, leather, cloth and most other porous materials. Easy to use, non-toxic and cleans up with water.

Stk.	Mfr.	Size	Price
<b>413605</b>	5063	1/2 Pt.	<b>WEB</b>
<b>413604</b>	5064	Pt.	<b>WEB</b>
<b>413603</b>	5065	Qt.	<b>WEB</b>
<b>413670</b>	5066	Gal.	<b>WEB</b>

## Titebond II Premium Wood Glue



**Franklin** A great choice for all woodworking projects, it's easy to sand and passes the ANSI/HPVA Type II water-resistance specification. Also useful for radio-frequency gluing systems and conforms to ASTM D4236 so it's FDA-approved for indirect food contact. Strong initial tack and 30-minute clamp time. Clean up with water while still wet.

Stk.	Mfr.	Size	Price
<b>413001</b>	5003	8 oz.	<b>WEB</b>
<b>413002</b>	5004	16 oz.	<b>WEB</b>
<b>413003</b>	5005	32 oz.	<b>WEB</b>
<b>413004</b>	5006	Gallon	<b>WEB</b>

### Titebond III Ultimate Wood Glue



**Franklin** The first 1-part, water cleanup wood glue ever offered that is proven waterproof. The formula passes the ANSI/HPVA Type I water-resistance specification and offers superior bond strength, longer open assembly time and lower application temperature. It is non-toxic and solvent free. It provides strong initial tack, sands easily and is FDA approved for indirect food contact (cutting boards). Ideal for both interior and exterior applications.

Stk.	Mfr.	Size	Price
<b>413009</b>	1413	8 oz.	<b>WEB</b>
<b>413010</b>	1414	16 oz.	<b>WEB</b>
<b>413011</b>	1415	32 oz.	<b>WEB</b>
<b>413012</b>	1416	Gallon	<b>WEB</b>

### Glue-All Max Wood Glue



**Elmer's** Polyurethane glue permanently adheres most materials together with a strong, waterproof bond. Nonstainable glue is sandable and paintable when dry (1-4 hrs.). No mixing required. Cleanup with mineral spirits or acetone when wet.

Stk.	Mfr.	Size	Price
<b>257760</b>	E9415	4 oz.	<b>WEB</b>
<b>257761</b>	E9416	8 oz.	<b>WEB</b>

### Carpenter's Wood Glue Max



**Elmer's** Contains real wood fibers for superior staining, painting, and sanding. Bonds stronger than wood. Resists heat, mold, and mildew. Easy water cleanup. Waterproof (ANSI Type I). Clamp time 12 hours.

Stk.	Mfr.	Size	Price
<b>257750</b>	E7300	8 oz.	<b>WEB</b>
<b>257751</b>	E7310	16 oz.	<b>WEB</b>
<b>257752</b>	E7330	Gal.	<b>WEB</b>

### ProBond Advanced™ Wood Glue



**Elmer's** Bonds metal, glass, ceramics, stone, wood, concrete and more. Light color translucent finish can be easily painted. Soap and water clean up when glue is wet. Scrape and sand when glue is dry. Set time 20-30 minutes. 100% weatherproof.

**Nonstainable.**

Stk.	Mfr.	Size	Price
<b>257946</b>	E7502	4 oz.	<b>WEB</b>
<b>257947</b>	E7503	8 oz.	<b>WEB</b>

### Carpenter's Interior Wood Glue



**Elmer's** Indoor glue for soft and hardwoods, particle board and porous materials. Nonstainable, light color glue for natural and light stained woods. Scrape and sand when dry (20-30 min.). Soap and water cleanup while wet.

Stk.	Mfr.	Size	Price
<b>257870</b>	E7000	4 oz.	<b>WEB</b>
<b>257872</b>	E7010	8 oz.	<b>WEB</b>
<b>257939</b>	E7020	16 oz.	<b>WEB</b>
<b>258073</b>	E7050	Gal.	<b>WEB</b>

### Titebond Liquid Hide Wood Glue



**Franklin** Excellent bonding qualities and ease of use. Good for close grain woods. Excellent sandability.

Stk.	Mfr.	Size	Price
<b>413067</b>	5013	1/2 Pt.	<b>WEB</b>

### Clear Grip® Contact Adhesive



**Gorilla Glue** Heavy-duty adhesive is flexible, fast-setting, crystal clear contact adhesive that creates a strong, permanent bond. Paintable and waterproof. Holds in just seconds.

Stk.	Mfr.	Size	Price
<b>511288</b>	8040002	3 oz.	<b>WEB</b>

### Weldwood® Contact Cement



**Dap** Nonflammable, polychloroprene waterborne adhesive meets professional requirements. Dries within 40 min. Water resistant when dry. Low odor, easy water cleanup. VOC compliant.

Stk.	Mfr.	Size	Price
<b>942801</b>	25332	Qt.	<b>WEB</b>

### Heavy-duty Construction Adhesive



**Liquid Nails** For interior and exterior use. Formulated to bond the heaviest materials including countertops, cabinets and shelving. Offers ultimate sheer strength exceeding 400 psi.

Stk.	Mfr.	Size	Price
<b>943005</b>	LN-901	10.5 oz.	<b>WEB</b>

### Glue-All® White Glue



**Elmer's** Fast-setting glue forms a transparent film. Perfect for school projects, crafts and light repair. Works on a variety of material.

Stk.	Mfr.	Size	Price
<b>257299</b>	E1322	4 oz.	<b>WEB</b>
<b>257300</b>	E1324	8 oz.	<b>WEB</b>
<b>257301</b>	E1321	16 oz.	<b>WEB</b>
<b>257302</b>	E1326	Gal.	<b>WEB</b>

### School Glue



**Elmer's** Washable, no-run school glue is easy to use and stays where it's put. Safe, non-toxic, easy cleanup.

Stk.	Mfr.	Size	Price
<b>257310</b>	E304	4 oz.	<b>WEB</b>
<b>257311</b>	E308	8 oz.	<b>WEB</b>
<b>257312</b>	E340	Gal.	<b>WEB</b>





### Non-Toxic Cement Adhesive for Plastics

**Testors** Fast drying general purpose glue. Use for polystyrene and ABS plastic. Recommended for ages 8+.

Stk.	Mfr.	Size	Price
<b>963941</b>	3521X	5/8 oz.	<b>WEB</b>



### Tacky Formula Modeling Glue

**Midwest Products** Flows easier from bottle for no waste. White glue is nontoxic and has no objectionable odors. For aviation, structures and transportation models.

Stk.	Mfr.	Size	Qty.	Price
<b>536310</b>	362	1 oz.	24	<b>WEB</b>



### Scotch® Tacky Glue

**3M Scotch** No-run formula to reduce mess and ensure the glue stays in place. Permanent adhesive dries quickly and won't wrinkle or bleed through papers.

Stk.	Mfr.	Size	Price
<b>590267</b>	6052-B	4 oz.	<b>WEB</b>



### Quick Dry Craft Bond Glue

**Elmer's** No-clog cap for easy dispensing, tacks quickly, and sets in just 5 minutes. Easily bonds to most porous and semi-porous materials and stays in place for a clean, professional look.

Stk.	Mfr.	Size	Price
<b>257340</b>	E6001	4 oz.	<b>WEB</b>



### Rubber Cement

**Elmer's** Superior for adhering photos and detailed cut and paste projects. Excess glue rubs off cleanly and shows no wrinkles as it dries.

Stk.	Mfr.	Size	Price
<b>196180</b>	E904	4 oz.	<b>WEB</b>



### Scotch® Mega Glue Stick

**3M** Strong, fast-bonding, and no mess. Purple is easy to see when applied, but dries clear. Great for paper, fabrics, and other light-weight items. Non-toxic and acid free.

Stk.	Mfr.	Size	Price
<b>590407</b>	6108-MEGA	1.41 oz.	<b>WEB</b>



### All Purpose School Glue Sticks

**Elmer's** Easy-to-use glue offers smooth application and water cleanup. Goes on and dries clear. Non-toxic.

Stk.	Mfr.	Size	Qty.	Price
<b>257740</b>	E510	0.21 oz.	1	<b>WEB</b>
<b>257630</b>	E556	0.24 oz.	30	<b>WEB</b>
<b>257627</b>	E501	0.24 oz.	60	<b>WEB</b>



### Spray Adhesive

**Elmer's** Aerosol spray adhesive for general use when a strong, permanent bond is desired. Stronger tack, quick dry, dries clear, resists bleed through, will not swell or warp, water resistant, acid free. Conforms to ASTM D 4236. ACM Certified.

Stk.	Mfr.	Bond	Qty.	Price
<b>257620</b>	E451	Standard	11 oz.	<b>WEB</b>
<b>257623</b>	E456	Extra Strength	10 oz.	<b>WEB</b>



### Heavy-Duty Spray Adhesive

**Gorilla Glue** Multi-purpose and easy to use, it forms a clear, permanent bond that is moisture resistant and can be used on projects both indoors and out. Photo safe, sandable and paintable.

Stk.	Mfr.	Size	Price
<b>511295</b>	6301502	14 oz.	<b>WEB</b>



### Spray Adhesive 20

**3M** Versatile adhesive works well with a range of lightweight materials and provides fast results - bond time takes as little as 15 seconds! Spray formula is easy to dispense, offering a highly-accurate, variable-width lace spray pattern. Aggressive tack. High initial grab.

Stk.	Mfr.	Size	Price
<b>590266</b>	20	13.80 oz.	<b>WEB</b>



### Super 77™ Multipurpose Adhesive Aerosol

**3M** High-tack, high-coverage and fast-drying adhesive with lower VOC formula. Bonds many foils, plastics, paper foams, paper, cardboard and metals to painted or unpainted metals, wood and hardboard. Fast, aggressive tack with strength to 10 psi. 220 sq./ft. per can. Heat resistant to 110°F. FDA acceptable (21 CFR 175.10).

Stk.	Mfr.	Size	Price
<b>590400</b>	77	16.5 oz.	<b>WEB</b>



### 2-Ton Flow Mix Epoxy

**Devcon** Works on metal, wood, concrete, fiberglass, glass, china and ceramics. 2,500 psi bond strength, 30-min. set time. Dries clear. 2 instant mix nozzles automatically mixes epoxy for accurate and easy application and cleanup.

Stk.	Mfr.	Size	Price
<b>504432</b>	23145	0.47 oz.	<b>WEB</b>



## 2-Ton Epoxy Glue

**Devcon** Works on concrete, wood, metal, glass, ceramics, china, tile, and fixtures. Waterproof, dries clear.

Stk.	Mfr.	Size	Qty.	Price
<b>942735</b>	35345	1/2 oz. tube	2	<b>WEB</b>



## 5-Minute Epoxy

**Devcon** Fast, clear drying epoxy for metal, wood, glass, ceramics, china, fiberglass, tiles and fixtures.

Stk.	Mfr.	Size	Qty.	Price
<b>942700</b>	20545	1/2 oz. tube	2	<b>WEB</b>
<b>942732</b>	20945	4-1/4 oz. tube	2	<b>WEB</b>
<b>942737</b>	20845	25 ml. syringe	1	<b>WEB</b>



## KwikWood Epoxy Putty Stick

**J-B Weld** Handmixable epoxy putty stick repairs and rebuilds anything made of wood (interior & exterior). Ideal for damaged or rotted sections of wood (i.e. doors hinges & jams, window sills, fences, shutters & more). Cures in 60 min. and can be drilled, tapped, sanded and painted or stained. Epoxy will not shrink, rot, crack or pull away.

Stk.	Mfr.	Size	Price
<b>943274</b>	8257	1 oz.	<b>WEB</b>



## Maximum Bond Crazy Glue® Gel

**Crazy Glue** Provides an extra strength and durable shock-resistant bond. No-run, no drip gel for gluing vertical surfaces and 2 mismatched surfaces. Best for porous materials (ceramic, pottery). Extended tip gets into tight spaces.

Stk.	Mfr.	Size	Price
<b>258109</b>	KG-484	4 grams	<b>WEB</b>



## Future Glue

**Super Glue** Original Super Glue's next generation. Both formulas work on dirty, greasy surfaces, and resist high and low temps, plus most chemicals. Instantly bonds metal, rubber, most plastics, aluminum, ceramics, china, hard and soft wood, leather, pottery, jewelry, fingernails and more.

Stk.	Mfr.	Item	Size	Price
<b>504246</b>	15109	Regular Formula	2 grams	<b>WEB</b>
<b>504245</b>	15110	Gel Formula	2 grams	<b>WEB</b>



## Duco Cement

**Duco** Tough, clear drying cement for wood, metal, glass, china and crafts.

Stk.	Mfr.	Size	Price
<b>942733</b>	62435	1 oz.	<b>WEB</b>



## All Purpose Crazy Glue® Precision Control Pen

**Crazy Glue** Featuring a versatile, super-strong formula that bonds to a wide variety of materials including ceramic, plastic, wood, porcelain, metal, leather, and rubber, it's a great all-purpose glue. The improved glue pen design features pressure grips that control glue flow, and the precision applicator delivers one drop at a time.

Stk.	Mfr.	Size	Price
<b>258114</b>	KG-829	4 grams	<b>WEB</b>



## All Purpose Crazy Glue® No Run Gel

**Crazy Glue** No run, no drip gel spreads evenly and works on vertical surfaces. Extra strength formula will fill gaps and voids. Bonds wood, soft leather, metal, rubber, glass, ceramic and semi-porous surfaces.

Stk.	Mfr.	Size	Price
<b>258111</b>	KG-866	2 grams	<b>WEB</b>



## All Purpose Crazy Glue® Single-Use Tubes

**Crazy Glue** Bonds wood, rubber, glass, metal, plastic and ceramic. Single-use tubes.

Stk.	Mfr.	Size	Qty.	Price
<b>258113</b>	KG58248SN	.5 oz.	4	<b>WEB</b>



## All-Purpose Crazy Glue®

**Crazy Glue** Bonds wood, rubber, glass, metal, plastic and ceramic. Airtight, leak-proof cap. Base holds tube upright.

Stk.	Mfr.	Size	Qty.	Price
<b>258108</b>	KG585	2 grams	1	<b>WEB</b>



## Crazy Glue® for Wood & Leather

**Crazy Glue** Original formula glue for porous wood, veneer, leather and vinyl surfaces. Glues balsa wood in less than 15 seconds. 1-drop application creates a strong, long-lasting bond. Leak-proof, airtight case.

Stk.	Mfr.	Size	Price
<b>258112</b>	KG-821	2 grams	<b>WEB</b>



## Gorilla® Super Glue Precise Gel

**Gorilla Glue** Gorilla Super Glue Precise Gel is an easy-to-use, thicker formula combined with a precision tip and large tube, so it's easy to apply with control and precision. Great for multiple surfaces and vertical applications.

Stk.	Mfr.	Size	Price
<b>511297</b>	6802502	15 grams	<b>WEB</b>



## Impact-Tough™ Formula

**Gorilla Glue** Rubber particles increase impact-resistance and strength. Thick formula flows better for improved control. Dries in 30-60 sec. with no clamping. Anti-clog tip. Use on wood, plastic, glass, metal, ceramics and more.

Stk.	Mfr.	Size	Price
<b>511338</b>	78050	15 grams	<b>WEB</b>



### E-6000® Series Industrial Strength Adhesive

**Goop** High performance strength in adhering metals, glass, rubber and plastics makes it a universal maintenance and repair adhesive. Provides adhesion strength and versatility not found in silicones and rubber cements. Self-leveling, flexible, chemical resistant, waterproof and paintable.

Stk.	Mfr.	Size	Price
<b>375920</b>	230022	3.7 oz.	<b>WEB</b>



### J-B Kwik Weld

**J-B Weld** Bonding compound cures in 4 min. Withstands temperatures up to 300°. Cleans up with soap and water. Simple to use, just squeeze equal parts onto a mixing surface, mix thoroughly, and apply.

Stk.	Mfr.	Size	Qty.	Price
<b>942742</b>	8276	1 oz. tube	2	<b>WEB</b>



### J-B Original Cold Weld

**J-B Weld** Perfect for any heavy duty adhesive job. Squeeze 2 separate tubes onto a mixing surface. Cures in 24 hours. Withstands temperatures up to 550°F. Tensile strength of 3,960 PSI.

Stk.	Mfr.	Size	Qty.	Price
<b>943292</b>	8265-S	1 oz. tube	2	<b>WEB</b>



### Plastic Welder

**Devcon** Makes tough bonds on most plastics, steel, aluminum, wood and ceramics. This syringe plastic welder is high impact resistant and becomes set in 15 to 30 minutes. Dries cream colored.

Stk.	Mfr.	Size	Price
<b>942743</b>	22045	25 ml.	<b>WEB</b>

## MARKERS



### Sharpie® Ultra Fine Point Marker

**Sharpie** Quick-drying, permanent marker for the most hard-to-mark surfaces. Precise, narrow tip for extreme control. Fade and water resistant. Nontoxic.

Stk.	Mfr.	Color	Qty.	Price
<b>452768</b>	37101PP	Black	1	<b>WEB</b>



### Sharpie® Fine Point Marker

**Sharpie** Quick-drying, permanent marker for the most hard-to-mark surfaces. Durable fine point tip produces thinner, detailed lines. Fade and water resistant. Nontoxic.

Stk.	Mfr.	Color	Qty.	Price
<b>452770</b>	30101PP	Black	1	<b>WEB</b>
<b>452771</b>	30102PP	Red	1	<b>WEB</b>
<b>452772</b>	30003	Blue	1	<b>WEB</b>
<b>452774</b>	39108PP	Silver Metallic	2	<b>WEB</b>



### Sharpie® Fine Point Marker Set

**Sharpie** Quick-drying, permanent marker for the most hard-to-mark surfaces. Durable fine point tip produces thinner, detailed lines. Fade and water resistant. Nontoxic.

**Includes** red, blue, green and black.

Stk.	Mfr.	Price
<b>452776</b>	30174	<b>WEB</b>



### Sharpie® Twin Tip Marker Set

**Sharpie** Increased functionality with both Fine and Ultra Fine tips in 1 marker. Quick-drying, permanent marker for the most hard-to-mark surfaces. Fade and water resistant. Nontoxic.

**Includes** red, blue, green and black.

Stk.	Mfr.	Price
<b>452777</b>	32174PP	<b>WEB</b>



### Sharpie® Chisel Tip Markers

**Sharpie** Quick-drying, permanent marker for the most hard-to-mark surfaces. Creates fine or bold lines for a variety of labeling needs and the unique barrel keeps the marker from rolling away when on a flat surface. Fade and water resistant. Nontoxic.

Stk.	Mfr.	Color	Qty.	Price
<b>452775</b>	38262PP	Black	2	<b>WEB</b>



### Marks-A-Lot Permanent Marker

**Avery** Regular chisel tip marker writes on almost any surface including cardboard, metal and plastic. Works well indoors or out. Durable chisel tip writes in a variety of line widths. Rich, dark low-odor ink is quick drying, nontoxic, water and rub resistant.

**ACMI certified (conforms to ASTM D 4236).**

Stk.	Mfr.	Tip	Color	Qty.	Price
<b>942675</b>	17888	Chisel	Black	1	<b>WEB</b>



### Paint Marker Set

**Sharpie** Medium-sized tip for bold marks with precision and detail. Permanent oil-based paint dries quickly and resists water, smearing, and fading. Works on glass, metal, and nearly all hard surfaces. Non-toxic and safe to use, these meet or exceed ACMI AP standard.

**Includes** black, red, blue, yellow and white.

Stk.	Mfr.	Price
<b>452765</b>	34971PP	<b>WEB</b>



### Painters® Bright Colors Paint Markers

**Elmer's** Painting is easy and mess-free with Painters® acrylic paint markers. Use indoors or outdoors for decorating and personalizing almost any surface with bright and vibrant colors. Use on wood, plastic, clay, ceramic, glass, metal, foam board, fabric, terracotta and more! Permanent, streak-free, quick-drying, non-toxic and acid free. Medium tip.

**Includes** black, white, blue, red and green.

Stk.	Mfr.	Price
<b>257790</b>	WA7518	<b>WEB</b>



### Crayola Washable Markers Classic Colors Set

**Crayola** Washable broad line markers in 8 classic colors won't smudge or bleed through paper. The ink is specially formulated to easily wash from skin and most clothing. Non-toxic. For ages 4+.

Stk.	Mfr.	Price
<b>942691</b>	58-7808	<b>WEB</b>



### Silly Scent™ Washable Super Tip Markers

**Crayola** Set contains 20 colors with 20 scents. Features versatile tips that draws both thick or thin lines. The ink is specially formulated to easily wash from skin and most clothing. Non-toxic. For ages 4+.

**Includes** plastic pouch.

Stk.	Mfr.	Price
<b>943251</b>	58-8106	<b>WEB</b>

## CALCULATORS



### 8-Digit Calculator

**Sharp** LCD display calculator with 3-key memory, plus square root and percent keys.

**Includes** battery.

Stk.	Mfr.	Price
<b>482762</b>	EL233SB	<b>WEB</b>



### 10-Digit Professional Handheld Calculator

**Sharp** Extra-large LCD display and durable plastic keys. Extra-large plus key and automatic power down. Operates on twin power (solar/battery backup). Functions: automatic taxes, percent, square root, backspace, memory plus, memory minus, recall memory and clear memory.

Stk.	Mfr.	Price
<b>482763</b>	EL-377VWB	<b>WEB</b>



### Project Calculator

**Calculated Industries** Helps students work directly in feet, inches, fractions, decimal fractions, yards and meters (including square & cubic formats) to quickly estimate material amounts and calculate costs for paint, wallpaper, concrete and tile. Converts between all standard math dimensions and solves reverse calculations.

LCD segment display (.75" x 2.25"), 11 digits (7 normal, 4 fractions) and annunciator-legends, 12 digit internal accuracy.

**Includes** CRI620 lithium battery.

Stk.	Mfr.	Price
<b>942636</b>	8510	<b>WEB</b>



### Trades Math & Conversion Calculator

**Calculated Industries** Designed for teaching in math-oriented trades needing an easy-to-use handheld calculator with applied math functions. Solve dimensional math problems, convert units from U.S. to metric, and solve ratios & proportions. Calculate architectural, proper, improper, and mixed fractions. Use trigonometry and plane geometry to calculate

right triangles, circles & arcs, and hexagonal & polygonal shapes.

LCD display (0.73" x 2.56"), 15 digits (8 normal, 7 fractions) with full annunciators. 12 digit internal accuracy.

**Includes** protective slide cover, reference guide and CR2016 battery.

Stk.	Mfr.	Price
<b>282010</b>	4400	<b>WEB</b>



### Construction Master® Pro Calculator

**Calculated Industries** Advanced feet-inch-fraction construction-math calculator with powerful built-in solutions ideal for completing layouts, plans, bids and estimates. Calculate circles, roofs, stairs and more. Works in and converts between feet-inches-fractions and decimals, including metric. Set custom defined options. Works as a regular math calculator with +, -, +/-, ×, ÷, %, π, 1/x, x2, and √. Automatic shut-off saves battery life.

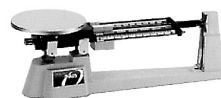
11-digit display. 12-digit internal accuracy. LCD 0.625" x 2.5". Size 5.7" x 3.0" x 0.65". Weight 4.6 oz.

11-digit display. 12-digit internal accuracy. LCD 0.625" x 2.5". Size 5.7" x 3.0" x 0.65". Weight 4.6 oz.

**Includes** Armadillo Gear case, English/Spanish pocket reference and 2 LR44 batteries.

Stk.	Mfr.	Price
<b>282000</b>	4065	<b>WEB</b>

## SCALES



### Triple Beam Mechanical Balance

**Ohaus** Capable of weighing solids, liquids, powders or even animals. Provides the convenience of a top-loading scale with the durability

and versatility to accommodate a range of lab needs. 3 notched and tiered beams with center reading. Spring-loaded zero adjust compensator.

Size 18"L x 12"W x 9"H.

### Removable stainless steel pan.

Stk.	Mfr.	Capacity	Readability	Price
<b>585200</b>	710-00	610 g	0.1 g	<b>WEB</b>

### Stainless steel weighing plate.

Stk.	Mfr.	Capacity	Readability	Price
<b>585161</b>	750-SO	610 g	0.1 g	<b>WEB</b>



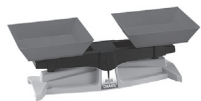
### 3-Piece Weight Set

**Ohaus** For use with Triple Beam Mechanical Balances.

**Includes** two 1kg. & one 500g.

Stk.	Mfr.	Price
<b>585195</b>	707-00	<b>WEB</b>





### School Balance

**Ohaus** Introduce elementary and middle school students to the science of metrology. Interchangeable red square pans are easily removable for

pouring, cleaning and storing. Versatile unit measures small items such as paper clips, marbles and coins, plus heavier objects such as books. Durable polystyrene platform.

Size 11"L x 4"W x 4.5"H.

Stk.	Mfr.	Capacity	Readability	Price
<b>585235</b>	SB1200	2,000 g	0.5 g	<b>WEB</b>

### CX Portable Balance

**Ohaus** Designed with energy efficiency in mind, the Compass CX series offers a battery life of up to 1,000 continuous hours, allowing for uninterrupted operation. Featuring a slim, stackable and light-weight design, 2-button operation and large backlit LCD display.

Size 7.9"L x 5.3"W x 1.6"H. Weight 1.1 lbs.

**Includes** 3 AA batteries.



Stk.	Mfr.	Capacity	Readability	Price
<b>585215</b>	CX221	220 g	0.1 g	<b>WEB</b>
<b>585216</b>	CX2200	2,200 g	1 g	<b>WEB</b>
<b>585217</b>	CX5200	5,200 g	1 g	<b>WEB</b>

### Valor® 1000 Food-Safe Scale

**Ohaus** With a food-safe design that is NSF-certified and supports a HACCP system, the Valor 1000 Series is a reliable choice for general food weighing. Easy-to-operate scale features 2-button operation, a large backlit LCD display and up to 1,500-hour battery life.

**Includes** in-use cover and AC adapter.

**Requires 4D batteries, sold separately.**



Stk.	Mfr.	Capacity	Readability	Price
<b>585263</b>	V12P3	3 kg	.05 g	<b>WEB</b>

### Scout® Portable Balance

**Ohaus** Ideal for laboratory and educational applications, the Scout features an easy to navigate color touchscreen display and slim design which allows stackable storage. Geared

for superior performance with fast stabilization time and high resolution weighing results.

- Application modes - parts counting, totalization, density determination, display hold, percent, check, dynamic and mole
- Weighing units - mg, g, kg, ct, N, oz, ozt, dwt, lb, lb:oz, gm, hkt, sgt, twt, tical, tola, customer unit l
- ABS housing, stainless steel pan, weigh-below hook, transportation lock, manual calibration lock switch, security slot, leveling feet, illuminated up-front level indicator
- Connectivity options include RS232, USB Host, USB Device, Ethernet and Bluetooth®
- Battery or AC power options

Size 8"W x 8.8"D x 2.1"H. Weight 2.2 lbs.

**Includes** stainless steel pan, calibration weights and AC adapter.

**4 AA batteries required, sold separately.**



Stk.	Mfr.	Capacity	Readability	Price
<b>585255</b>	STX222	220 g	0.01 g	<b>WEB</b>
<b>585256</b>	STX421	420 g	0.1 g	<b>WEB</b>
<b>585257</b>	STX422	420 g	0.01 g	<b>WEB</b>

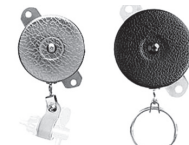


### Pull-type Spring Scale

**Ohaus** Great for general weighing (grams, oz., lbs., newtons), force experiments, action-reaction demonstrations and more. Economical scale features an internal spring mechanism, ABS housing with large metal face plate, pointer, spring and hook.

Stk.	Mfr.	Capacity	Readability	Price
<b>585149</b>	8265-MO	2,000 g	20 g	<b>WEB</b>

## LOCKS



494000

494002

### 24" Chrome Bracket Mount Key-Bak®

**Key-Bak** Protect students and meet safety regulations with the retractable Key-Bak by mounting the chuck key to the drill press. Secure pocket-watch-size retractor to any flat surface using its metal bracket attachment. The textured-chrome case houses a 24" stainless steel chain allowing key or tool use at arm's length and at any angle without detachment. The precision-made Key-Bak has a lifetime service policy.

Stk.	Mfr.	Item	Price
<b>494000</b>	7LSC	Large Swivel w/out Split Ring	<b>WEB</b>
<b>494002</b>	7	Small Swivel w/Split Ring	<b>WEB</b>



### Super 48" Key-Bak®

**Key-Bak** Case made from durable polycarbonate material. Carries up to 15 keys. Attachment to your belt is done either by a metal clip that can convert to a belt loop (with the enclosed pin) or a leather loop that slides onto a belt. Patented ball-joint feature secures the keys firmly in place.

Stk.	Mfr.	Item	Price
<b>494005</b>	S48K	Belt Clip / Loop	<b>WEB</b>
<b>494006</b>	S48-LEK	Leather Loop	<b>WEB</b>



### Combination Locks

**Master Lock** BlockGuard® Anti-Shim Technology withstands attempts to violate the latch mechanism. Includes combination chart to facilitate lock system administration. Double-reinforced stainless steel body withstands abuse. Hardened steel shackle for extra cut resistance. 3-number dialing with automatic scrambling feature to prevent re-opening of lock.

**For security reasons, all Master combination locks are shipped direct from factory.**

### Non-Keyed Lock

Stk.	Mfr.	Body	Shackle	Price
<b>145067</b>	1502	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	<b>WEB</b>

**Keyed Lock** For supervisory access. Keyed Lock does not include Control Key. Please specify series number if trying to maintain control by present master key.

Stk.	Mfr.	Body	Shackle	Price
<b>145134</b>	1525	1-7/8"W	9/32" dia. x 3/4"H x 13/16"W	<b>WEB</b>

### Control Key

Stk.	Mfr.	Body	Shackle	Price
<b>145000</b>	1525K			<b>WEB</b>



### Keyed Alike Laminated Padlock

**Master Lock** Commercial grade padlocks feature superior protection from drilling and prying. Laminated steel body for superior strength. Hardened steel shackle for superior cut resistant. Dual locking levers provide extra pry resistance. Non-rekeyable cylinder helps prevent picking.

Please specify Series No. if maintaining control w/present master key, may be priced slightly higher.

Stk.	Mfr.	Item	Series No.	Body	Price
<b>144987</b>	7KA	No. 7	P605	1-1/8"W	<b>WEB</b>
<b>144981</b>	3KA	No. 3	3769	1-9/16"W	<b>WEB</b>
<b>144951</b>	1KA	No. 1	2510	1-3/4"W	<b>WEB</b>

## MAGNIFYING TOOLS



### 5" LED Magnifier Lamp

**Pro-Elec** The powerful 1.75x magnification lens allows you to work on small parts with precision; read any finely printed text; and look at intricate details of objects, thanks to the sixty 6500K LED lights.

Stk.	Mfr.	Price
<b>533319</b>	PEL00797	<b>WEB</b>



### UltraTech Glass Magnifier

**General** Magnifier features polished, optical glass lens, precision ground for a distortion-free finish. Sturdy metal frame for field work or in confined, obstructed spaces. Versa-Grip comfort handle.

Stk.	Mfr.	Dia.	Price
<b>419821</b>	750542	3"	<b>WEB</b>



### Headband Visor Magnifier Binocular Loupe

**Electro-Optix** Headband magnifier leaves both hands free for working. Fully adjustable to fit any size quickly and easily. 2.5x lens provides a versatile and comfortable working distance of 8". Ideal for many work and inspection applications. Can be worn over glasses.

Stk.	Mfr.	Price
<b>196800</b>	HVM-4	<b>WEB</b>



### Helping Hands with Magnifying Glass

**Elenco** Adjustable arms hold objects in any position. Arms span up to 7-1/2"T and 5-1/2"W. Magnifying glass is 2-1/2"W.

Stk.	Mfr.	Price
<b>390311</b>	HH-55	<b>WEB</b>



### LED Helping Hands Magnifier

**Performance Tool** Frees hands for detail work. Dual magnifiers with LEDs provide additional light. Adjustable clamps and ball joint swivel arm with heavy-duty cast iron base.

Includes 3 AAA batteries.

Stk.	Mfr.	Price
<b>976560</b>	W2004	<b>WEB</b>



### Eye Loupe

**General** Professional quality eye loupe. Compact size with acute magnification. 5x optical glass magnifying lens for utmost clarity. For toolmakers, jewelers, instrument assemblers & others who need sharp, clear magnification without eyestrain. Clear optical glass lens is ground & polished 1" dia. lens 2" focal length.

Stk.	Mfr.	Price
<b>418815</b>	527	<b>WEB</b>

## SCISSORS



### Kleencut® Scissors

**Acme** Precision-ground, rust-resistant stainless steel blades. Traditional German design for right/left-hand use.

Stk.	Mfr.	Size	Price
<b>189000</b>	19016	6"	<b>WEB</b>
<b>189067</b>	19018	8"	<b>WEB</b>
<b>189068</b>	19019	9"	<b>WEB</b>



### Stainless Steel Scissors

**Westcott** Lightweight, durable scissors with stainless steel blades. Ergonomic plastic handles molded for right- and left-hand use. Blue handles.

Stk.	Mfr.	Size	Price
<b>189140</b>	44216	5"	<b>WEB</b>
<b>189141</b>	44217	7"	<b>WEB</b>



### Titanium Bonded Non-Stick Scissors

**Westcott** Titanium bonded non-stick 8" bent scissors with a unique non-stick coating that is permanently bonded to the blades. Blades stay sharper longer and resist adhesives from tapes and glues.

Stk.	Mfr.	Size	Price
<b>189132</b>	14850	8"	<b>WEB</b>



### Economical Bent Handle Scissors

**Acme** General-purpose scissors with rust resistant steel blades and lightweight molded plastic handles.

Stk.	Mfr.	Size	Price
<b>189170</b>	10703	8"	<b>WEB</b>



#### All Purpose Scissors

**Acme** Lightweight, durable, stainless steel blades are corrosion-resistant. Straight plastic handles can be used by left-handed or right-handed cutters.

Stk.	Mfr.	Size	Price
<b>189126</b>	13151	8"	<b>WEB</b>



#### EZ Snip Utility Shears

**Wiss** Heavy-duty, spring-loaded shears with soft-grip handles reduce fatigue. Corrosion-resistant stainless blades with cutter for light ga. wire. Use in shop and for crafts. Safety lock.

Stk.	Mfr.	Size	Price
<b>307057</b>	WEZSNIP	8-1/2"	<b>WEB</b>



#### Titanium Bonded™ Scissors

**Westcott** Blades are 3x harder than stainless steel blades. Corrosion resistant, plus resists the stickiness of tape & glue. Contoured soft grip handles.

Stk.	Mfr.	Item	Size	Price
<b>189181</b>	13529	Straight	8"	<b>WEB</b>
<b>189180</b>	13526	Pointed	7"	<b>WEB</b>



#### Shop Shear

**Wiss** Heavy-duty, high leverage grip for right/left hand use. Corrosion-resistant stainless blades. Material gripping serrated lower blade with rope-cutting notch and blunt point. For cardboard, heavy fabric, rope, rubber, screening and more.

Stk.	Mfr.	Size	Price
<b>307056</b>	W912	10"	<b>WEB</b>

## SANDING BLOCKS & SPONGES



### Sanding Block

**NORTON** Hard but flexible rubber. Paper clamps easily and quickly. Sheet size 2-3/4" x 9".

Stk.	Mfr.	Price
<b>608251</b>	43140	<b>WEB</b>



### Rubber Sanding Block

**3M** Block is easy to hold, and the heavy rubber allows for better sanding control. Use with 2-3/4" x 9" abrasive sheets or 1/4 of a standard sheet. 2-3/4"W.

Stk.	Mfr.	Price
<b>590421</b>	9292	<b>WEB</b>



### Sanding Sponges

**NORTON** Flexible sanding sponge can be used for curved or flat surfaces. Convenient, easy-to-use wet or dry. Reusable and washable to eliminate loading for increased sanding life. Use on wood, paint, metal, plastic and drywall. Durable, lasts longer than sandpaper.

#### Small Area

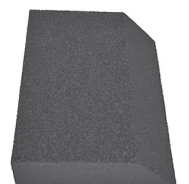
Stk.	Mfr.	Grit	Sponge Size	Qty./Pkg.	Price
<b>608524</b>	49504	Fine/Medium	4" x 2-3/4" x 1"	24	<b>WEB</b>

#### Contour

Stk.	Mfr.	Grit	Sponge Size	Qty./Pkg.	Price
<b>598952</b>	00937	Extra Fine	4-1/2" x 5-1/2" x 3/16"	2	<b>WEB</b>

#### Flexible

Stk.	Mfr.	Grit	Sponge Size	Qty./Pkg.	Price
<b>598967</b>	00947	Medium	3" x 4" x 1/2"	3	<b>WEB</b>



### Angled Sanding Sponge

**Gator** This sanding sponge has a single angle, ideal for corners or detail sanding. Best for use on drywall, wood, metal, fiberglass, or painted surfaces.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>943512</b>	7125	3"W x 5.5"L x 1"H	Fine	1	<b>WEB</b>
<b>943513</b>	7126	3"W x 5.5"L x 1"H	Medium	1	<b>WEB</b>

## SANDING SHEETS



### MultiSand™ Clamp & Sand Sanding Sheets

**NORTON** The ideal choice for general purpose hand sanding, as well as light mechanical applications. Remove old paint, sand wood, metal, plastic and fiberglass.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>608190</b>	02050	4-1/2" x 11"	150	10	<b>WEB</b>
<b>608191</b>	02051	4-1/2" x 11"	100	10	<b>WEB</b>
<b>608192</b>	02052	4-1/2" x 11"	60	10	<b>WEB</b>



### ProSand Premium Sandpaper

**NORTON** Premium heat-treated abrasive offers faster cut and longer sanding life than 3X technology. Heat treating toughens the grain allowing it to stay sharp and last longer under extreme pressure. Increased backing weight with fiber reinforcement and latex saturation offers better grain retention with higher flexibility for easy folding and unfolding without tearing. Non-pigmented, water-based stearate, anti-clog (No-Fil) open coat design. 9" x 11" sheets.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>600421</b>	02632	400	20	<b>WEB</b>
<b>600422</b>	02633	320	20	<b>WEB</b>
<b>600423</b>	02636	220	20	<b>WEB</b>
<b>600424</b>	02637	180	20	<b>WEB</b>
<b>600425</b>	02638	150	20	<b>WEB</b>
<b>600426</b>	02639	120	20	<b>WEB</b>
<b>600427</b>	02640	100	20	<b>WEB</b>
<b>600428</b>	02641	80	20	<b>WEB</b>
<b>600429</b>	02642	60	20	<b>WEB</b>



### Granat Abrasive Sanding Sheet

**Festool** For difficult-to-reach spots or for minor corrections, Granat premium hand sanding abrasives provide the desired sanding results quickly. Long-lasting, resistant to tearing and washable.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>404400</b>	201257	9" x 11"	60	10	<b>WEB</b>
<b>404401</b>	201258	9" x 11"	80	10	<b>WEB</b>
<b>404402</b>	201259	9" x 11"	100	10	<b>WEB</b>
<b>404403</b>	201260	9" x 11"	120	10	<b>WEB</b>
<b>404404</b>	201261	9" x 11"	150	10	<b>WEB</b>

### Garnet Sandpaper

**NORTON** For rough through finish hand sanding of softer woods and cabinet work. Use dry on bare wood prior to coating. Natural garnet abrasive is electro-coated on high tensile A, C, & D weight paper.

#### 9" x 11" Cabinet Paper

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>600055</b>	01513	150-C	100	<b>WEB</b>
<b>600056</b>	01514	120-C	100	<b>WEB</b>
<b>600057</b>	01515	100-C	100	<b>WEB</b>
<b>600058</b>	01516	80-C	50	<b>WEB</b>
<b>600059</b>	01517	60-C	50	<b>WEB</b>
<b>600060</b>	01518	50-D	50	<b>WEB</b>

#### 9" x 11" Finish Paper

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>599742</b>	01488	220-A	100	<b>WEB</b>
<b>599809</b>	01489	180-A	100	<b>WEB</b>
<b>599876</b>	01490	150-A	100	<b>WEB</b>
<b>599943</b>	01495	120-A	100	<b>WEB</b>
<b>600010</b>	01500	100-A	100	<b>WEB</b>
<b>600015</b>	01505	80-A	50	<b>WEB</b>





### 9" x 11" SandWet™ Sandpaper

**NORTON** These wet dry sheets provide superior sanding performance for an exceptionally smooth surface finish. Backing is flexible and reinforced with fiber. Coating is non-pigmented and water-based stearate to prevent clogging.

Stk.	Mfr.	Grit	Qty.	Price
<b>605960</b>	48053	1500	5	<b>WEB</b>
<b>605961</b>	48054	1200	5	<b>WEB</b>
<b>605962</b>	48055	800	5	<b>WEB</b>
<b>605963</b>	48056	600	5	<b>WEB</b>
<b>605964</b>	48060	400	5	<b>WEB</b>
<b>605965</b>	48080	320	5	<b>WEB</b>

### 9" x 11" Tufbak Durite Sandpaper

**NORTON** For sanding between primer coats and other finishes on wood or metal with water or other lubricants. Diamond-like close coat abrasive electro-coated to a tough, waterproof backing. B weight paper. 9" x 11" sheets.

Stk.	Mfr.	Grit	Qty.	Price
<b>598995</b>	39360	600-B	50	<b>WEB</b>
<b>599005</b>	39362	400-B	50	<b>WEB</b>
<b>599072</b>	39365	280-B	50	<b>WEB</b>
<b>599085</b>	39367	220-B	50	<b>WEB</b>

### Adalox Sandpaper

**NORTON** For sanding hardwood, metal and composites by hand or machine. Long-lasting aluminum oxide abrasive is open coat on high tensile A, C, or D weight paper.

#### Economy Paper A weight paper. 9" x 10" sheets.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>599408</b>	01380	fine	50	<b>WEB</b>
<b>599475</b>	01385	medium	50	<b>WEB</b>
<b>599542</b>	01390	coarse	50	<b>WEB</b>

#### Production Paper C or D weight paper. 9" x 11" sheets.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>598550</b>	00156	very fine 220-C	100	<b>WEB</b>
<b>598730</b>	00285	fine 150-C	100	<b>WEB</b>
<b>598798</b>	00295	fine 100-C	100	<b>WEB</b>
<b>598804</b>	00315	medium 80-D	50	<b>WEB</b>
<b>598866</b>	00320	medium 60-D	50	<b>WEB</b>

## SANDING ROLLS

### Metalite Roll Cloth Backed Sandpaper

**NORTON** For general purpose sanding where flexibility and tear resistance are most important. Cloth backing provides increased strength and durability. Applications: hand strapping, light deburring, blending, removing machine tool marks, cleaning pipe and tubing.

J weight flexible cloth, 50 yds. long x 1" wide.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>601685</b>	26271	220-J	1	<b>WEB</b>
<b>601752</b>	26272	180-J	1	<b>WEB</b>
<b>601886</b>	26274	120-J	1	<b>WEB</b>
<b>602020</b>	26276	80-J	1	<b>WEB</b>

### MultiSand™ 4-1/2" Adhesive-backed Sanding Roll

**NORTON** Attaches easily. Press down and the adhesive mates with the special pad for a tight, secure fit. Eliminate wasted paper used for clamping. Cut the length of paper needed.

Stk.	Mfr.	Grit	Size	Price
<b>636576</b>	49247	320	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636574</b>	49248	220	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636573</b>	49249	180	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636575</b>	49250	150	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636572</b>	49251	120	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636571</b>	49252	100	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636570</b>	49254	80	10 yd. x 4-1/2"W	<b>WEB</b>



### 4-1/2" Abrasive Sanding Roll

**Festool** Continuous roll abrasive can be cut to length as needed. Can be used with 1/2 sheet sanders like the RS 2 E.

**Abrasive roll does not have a PSA or hook and loop backing.**

Stk.	Mfr.	Grit	Size	Price
<b>404384</b>	201108	150	82'L x 4-1/2"W	<b>WEB</b>
<b>404383</b>	201107	120	82'L x 4-1/2"W	<b>WEB</b>
<b>404382</b>	201106	100	82'L x 4-1/2"W	<b>WEB</b>
<b>404381</b>	201105	80	82'L x 4-1/2"W	<b>WEB</b>
<b>404380</b>	201104	60	82'L x 4-1/2"W	<b>WEB</b>

## SANDING DISCS

### 5" Eight-Hole Hook and Loop Paper Sanding Discs

**NORTON** Aluminum oxide discs with heavy-duty, tear resistant hook-and-loop backing.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>608496</b>	49218	220	25	<b>WEB</b>
<b>608497</b>	49219	180	25	<b>WEB</b>
<b>608502</b>	49220	150	25	<b>WEB</b>
<b>608498</b>	49221	120	25	<b>WEB</b>
<b>608501</b>	49222	100	25	<b>WEB</b>
<b>608499</b>	49223	80	25	<b>WEB</b>
<b>608500</b>	49224	60	25	<b>WEB</b>

### Open Coat Abrasive Discs

**NORTON** Resist loading and provide more consistent cutting and finishing. Self-adhesive aluminum oxide discs stay flat against sanding pad without wrinkling or tearing and avoid the uneven wear that shortens abrasive life.

#### 5" Adhesive

Stk.	Mfr.	Holes	Grit	Qty./Box	Price
<b>600473</b>	01645	5	150	50/roll	<b>WEB</b>
<b>600471</b>	01643	5	100	50/roll	<b>WEB</b>
<b>600470</b>	01642	5	80	50/roll	<b>WEB</b>

#### 5" Hook and Loop

Stk.	Mfr.	Holes	Grit	Qty./Box	Price
<b>600501</b>	04057	5 & 8	220	25	<b>WEB</b>
<b>600500</b>	04058	5 & 8	180	25	<b>WEB</b>
<b>600502</b>	04059	5 & 8	150	25	<b>WEB</b>
<b>600503</b>	04060	5 & 8	120	25	<b>WEB</b>
<b>600504</b>	04061	5 & 8	100	25	<b>WEB</b>
<b>600505</b>	04062	5 & 8	80	25	<b>WEB</b>



### 5" Gold™ Reserve Paper PSA Sanding Disc Roll

**NORTON** P-graded aluminum oxide abrasive delivers cool, fast cuts, and the C-weight latex/paper backing retains flexibility and tear resistance. No-Fil stearate coating with pressure sensitive adhesive.

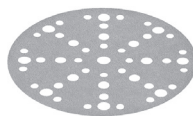
Stk.	Mfr.	Holes	Grit	Qty.	Price
<b>608640</b>	83809	None	150	100	<b>WEB</b>
<b>608641</b>	83807	None	100	100	<b>WEB</b>
<b>608642</b>	83806	None	80	100	<b>WEB</b>

### 5" Fiber Sanding Discs

**NORTON** Aluminum oxide discs with fiber backing for heavy metal removal, paint stripping, light deburring, finishing, weld grinding and blending.  
5" dia x 7/8".

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>608545</b>	57277	36 Coarse	1	<b>WEB</b>
<b>608546</b>	57279	60 Medium	1	<b>WEB</b>
<b>608547</b>	57280	80 Fine	1	<b>WEB</b>

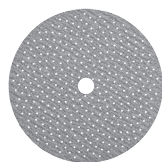
### 6" Abrasive Sanding Discs



**Festool** Granat sanding discs are a special abrasive for repairing compounds, fillers and paintwork. Recommended for VOC clear coats and hard undercoats. Stick Fix hook and loop design for quick and efficient abrasive changes.

Stk.	Mfr.	Holes	Grit	Qty.	Price
<b>404640</b>	575158	Multi	180	10	<b>WEB</b>
<b>404639</b>	575157	Multi	120	10	<b>WEB</b>
<b>404638</b>	575156	Multi	80	10	<b>WEB</b>
<b>404637</b>	575155	Multi	60	10	<b>WEB</b>

### 6" ProSand Multi-Hole Hook & Loop Sanding Discs



**NORTON** P-graded, seeded-gel ceramic alumina abrasive and laser-cut, spiral, vacuum-hole design maximizes dust extraction and less contamination and delivers a cool, fast, consistent cut rate and longer life than any paper disc. Arbor hole 1 1/16". Max speed 15,000 RPM.

Stk.	Mfr.	Holes	Grit	Qty.	Price
<b>600520</b>	05320	Multi	220	10	<b>WEB</b>
<b>600521</b>	05322	Multi	150	10	<b>WEB</b>
<b>600522</b>	05324	Multi	100	10	<b>WEB</b>
<b>600523</b>	05326	Multi	60	10	<b>WEB</b>

### Stick & Sand® Cloth Sanding Disc

**NORTON** Adhesive backed aluminum oxide cloth discs. For rough sanding of primed and painted surfaces, stripping paints and primers, blending, leveling and finishing, sanding inside and outside corners, contours or flat surfaces, and heavy stock removal of wood, metal, plastic and fiberglass.

Stk.	Mfr.	Dia.	Grit	Qty.	Price
<b>607250</b>	36355	8"	120	1	<b>WEB</b>
<b>607254</b>	36354	8"	80	1	<b>WEB</b>
<b>600480</b>	01973	9"	120	2	<b>WEB</b>
<b>600481</b>	01975	9"	80	2	<b>WEB</b>
<b>606650</b>	36613	12"	120	1	<b>WEB</b>
<b>606652</b>	36614	12"	100	1	<b>WEB</b>
<b>606654</b>	36615	12"	80	1	<b>WEB</b>
<b>606655</b>	36620	12"	60	1	<b>WEB</b>
<b>606658</b>	36630	12"	40	1	<b>WEB</b>

### 20" Sanding Discs

**Shop Fox** Aluminum oxide sanding discs with top-quality pressure sensitive adhesive. No hole.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>785608</b>	D1345	120	2	<b>WEB</b>
<b>785607</b>	D1343	80	2	<b>WEB</b>
<b>785606</b>	D1342	60	2	<b>WEB</b>



### Spray Adhesive

**Elmer's** Aerosol spray adhesive for general use when a strong, permanent bond is desired. Stronger tack, quick dry, dries clear, resists bleed through, will not swell or warp, water resistant, acid free. Conforms to ASTM D 4236. ACM Certified.

Stk.	Mfr.	Bond	Qty.	Price
<b>257620</b>	E45 I	Standard	11 oz.	<b>WEB</b>
<b>257623</b>	E456	Extra Strength	10 oz.	<b>WEB</b>



### Spray Adhesive 20

**3M** Versatile adhesive works well with a range of lightweight materials and provides fast results - bond time takes as little as 15 seconds! Spray formula is easy to dispense, offering a highly-accurate, variable-width lace spray pattern. Aggressive tack. High initial grab.

Stk.	Mfr.	Size	Price
<b>590266</b>	20	13.80 oz.	<b>WEB</b>



### Super 77™ Multipurpose Adhesive Aerosol

**3M** High-tack, high-coverage and fast-drying adhesive with lower VOC formula. Bonds many foils, plastics, paper foams, paper, cardboard and metals to painted or unpainted metals, wood and hardboard. Fast, aggressive tack with strength to 10 psi. 220 sq./ft. per can. Heat resistant to 110°F. FDA acceptable (21 CFR 175.10).

Stk.	Mfr.	Size	Price
<b>590400</b>	77	16.5 oz.	<b>WEB</b>



### Feathering Disc Adhesive

**3M** Allows multiple disc applications w/out buildup or paper delamination. Discs remove easily & cleanly.

Stk.	Mfr.	Size	Price
<b>590401</b>	0805 I	5 oz.	<b>WEB</b>

## SANDING BELTS



### 1"W x 30"L Sanding Belts

**Diablo** Premium 3-piece assorted belt pack includes all the grits needed to complete your general sanding project. Designed to improve performance, extend sanding life and increase productivity.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>412042</b>	DCB130VGPS03G	1"W x 30"L	50, 80, 120	3	<b>WEB</b>

### 1"W x 42"L Sanding Belt

**NORTON** Close coat, aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>603433</b>	20885	1"W x 42"L	120	1	<b>WEB</b>
<b>603432</b>	20890	1"W x 42"L	100	1	<b>WEB</b>
<b>603431</b>	20895	1"W x 42"L	80	1	<b>WEB</b>
<b>603430</b>	20900	1"W x 42"L	60	1	<b>WEB</b>

## 2"W x 42"L Sanding Belt

**Surf-Pro** Close coat aluminum oxide abrasive, resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>682870</b>	SP10B02042040A	2"W x 42"L	40	1	<b>WEB</b>
<b>682871</b>	SP10B02042060A	2"W x 42"L	60	1	<b>WEB</b>
<b>682872</b>	SP10B02042080A	2"W x 42"L	80	1	<b>WEB</b>
<b>682873</b>	SP10B02042120A	2"W x 42"L	120	1	<b>WEB</b>

## 2-1/2"W x 14"L Sanding Belt

**PORTER+CABLE** Open coat aluminum oxide abrasive belts, resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>636500</b>	712400605	2-1/2"W x 14"L	60	5	<b>WEB</b>
<b>636501</b>	712400805	2-1/2"W x 14"L	80	5	<b>WEB</b>
<b>636502</b>	712401005	2-1/2"W x 14"L	100	5	<b>WEB</b>
<b>636503</b>	712401205	2-1/2"W x 14"L	120	5	<b>WEB</b>

## ProSand Sanding Belts

**NORTON** Premium, self-sharpening zirconia alumina abrasive provides superior cut on all surfaces. Anti-static technology increases dust collection efficiency for cleaner work environment and less clean up.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>605983</b>	49265	3"W x 21"L	50	5	<b>WEB</b>
<b>605982</b>	49264	3"W x 21"L	80	5	<b>WEB</b>
<b>605980</b>	49262	3"W x 21"L	120	5	<b>WEB</b>
<b>605988</b>	49271	3"W x 24"L	50	5	<b>WEB</b>
<b>605987</b>	49270	3"W x 24"L	80	5	<b>WEB</b>
<b>605985</b>	49268	3"W x 24"L	120	5	<b>WEB</b>
<b>605993</b>	49277	4"W x 24"L	50	5	<b>WEB</b>
<b>605992</b>	49276	4"W x 24"L	80	5	<b>WEB</b>
<b>605990</b>	49274	4"W x 24"L	120	5	<b>WEB</b>

## Portable Belts

**NORTON** Open coat aluminum oxide abrasive belts that have been resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>604036</b>	27925	3"W x 21"L	60	1	<b>WEB</b>
<b>603969</b>	27924	3"W x 21"L	80	1	<b>WEB</b>
<b>603902</b>	27923	3"W x 21"L	100	1	<b>WEB</b>
<b>603833</b>	27922	3"W x 21"L	120	1	<b>WEB</b>
<b>604706</b>	27935	3"W x 24"L	60	1	<b>WEB</b>
<b>604639</b>	27934	3"W x 24"L	80	1	<b>WEB</b>
<b>604572</b>	27933	3"W x 24"L	100	1	<b>WEB</b>
<b>604505</b>	27932	3"W x 24"L	120	1	<b>WEB</b>
<b>605510</b>	27945	4"W x 24"L	60	1	<b>WEB</b>
<b>605442</b>	27944	4"W x 24"L	80	1	<b>WEB</b>
<b>605376</b>	27943	4"W x 24"L	100	1	<b>WEB</b>
<b>605309</b>	27942	4"W x 24"L	120	1	<b>WEB</b>

## Sanding Belts

**NORTON** Open coat, aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>604524</b>	27960	4"W x 36"L	60	1	<b>WEB</b>
<b>604521</b>	27959	4"W x 36"L	80	1	<b>WEB</b>
<b>604523</b>	27958	4"W x 36"L	100	1	<b>WEB</b>
<b>604520</b>	27957	4"W x 36"L	120	1	<b>WEB</b>
<b>606385</b>	27985	6"W x 48"L	50	1	<b>WEB</b>
<b>606380</b>	27984	6"W x 48"L	60	1	<b>WEB</b>
<b>606371</b>	27983	6"W x 48"L	80	1	<b>WEB</b>
<b>606314</b>	27982	6"W x 48"L	100	1	<b>WEB</b>
<b>606305</b>	27981	6"W x 48"L	120	1	<b>WEB</b>

## 4"W x 60"L Sanding Belt

**Kalamazoo** Open coat aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>491150</b>	KB46050	4"W x 60"L	50	1	<b>WEB</b>
<b>491151</b>	KB46080	4"W x 60"L	80	1	<b>WEB</b>
<b>491152</b>	KB460100	4"W x 60"L	100	1	<b>WEB</b>

## Edge Sander Belts

**NORTON** Open coat, aluminum oxide sanding belts. Resin-bonded, X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>608532</b>	60061	6"W x 89"L	60	1	<b>WEB</b>
<b>608529</b>	60064	6"W x 89"L	120	1	<b>WEB</b>

## Wide Belt Sander Belts

**NORTON** Open coat, aluminum oxide sanding belts on resin-bonded, X weight cloth.

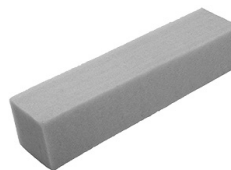
Stk.	Mfr.	Size	Grit	Qty.	Price
<b>608603</b>	60332	25"W x 60"L	80	1	<b>WEB</b>
<b>608605</b>	60334	25"W x 60"L	120	1	<b>WEB</b>
<b>608607</b>	60336	25"W x 60"L	180	1	<b>WEB</b>
<b>608616</b>	60502	37"W x 60"L	80	1	<b>WEB</b>
<b>608620</b>	60504	37"W x 60"L	120	1	<b>WEB</b>
<b>608622</b>	60506	37"W x 60"L	180	1	<b>WEB</b>



## Belt and Disc Cleaner

**Woodstock** Pro-Stik® cleans all belts and discs for longer life. Improves finish quality. Quick, easy to use. For belt and disc sanders.

Stk.	Mfr.	Size	Price
<b>786800</b>	W1305	1-3/8" x 1-3/8" x 8-1/2"	<b>WEB</b>
<b>786802</b>	W1307	2" x 2" x 12"	<b>WEB</b>



## Norton Belt/Disc Cleaner

**NORTON** Prolong the life of sandpaper with this natural rubber cleaning eraser stick. Simply rub the stick across the sandpaper's surface to remove dust, wood particles, sap, metal shavings, paint, wood resin and other residue from belt sanders, disc sanders, drum sanders and more.

Stk.	Mfr.	Size	Price
<b>600415</b>	01717	1-3/8" x 1-3/8" x 6"	<b>WEB</b>

## Wide Belt & Drum Cleaner

**Woodstock** Pro-Stik® abrasive rubber pad cleaner offers easy solution for unloading abrasives on belts & drums.

Stk.	Mfr.	Size	Price
<b>786900</b>	D3003	15" x 20" x 1-1/8"	<b>WEB</b>

## SANDING DRUMS & SLEEVES

### Sanding Sleeves

**Clesco** Aluminum oxide on X weight paper, resin-bonded with cloth backing.

Stk.	Mfr.	Drum Dia.	Drum Width	Grit	Qty.	Price
305112	SS-006096-050A	3/8"	6"	50	1	WEB
305113	SS-006096-080A	3/8"	6"	80	1	WEB
305114	SS-006096-120A	3/8"	6"	120	1	WEB
305096	SS-004088-050A	1/4"	5-1/2"	50	1	WEB
305097	SS-004088-080A	1/4"	5-1/2"	80	1	WEB
305098	SS-004088-120A	1/4"	5-1/2"	120	1	WEB
305120	SS-008032-050A	1/2"	2"	50	1	WEB
305121	SS-008032-080A	1/2"	2"	80	1	WEB
305122	SS-008032-120A	1/2"	2"	120	1	WEB
305129	SS-008072-050A	1/2"	4-1/2"	50	1	WEB
305130	SS-008072-080A	1/2"	4-1/2"	80	1	WEB
305131	SS-008072-120A	1/2"	4-1/2"	120	1	WEB
305137	SS-008088-050A	1/2"	5-1/2"	50	1	WEB
305138	SS-008088-080A	1/2"	5-1/2"	80	1	WEB
305139	SS-008088-120A	1/2"	5-1/2"	120	1	WEB
305146	SS-008096-050A	1/2"	6"	50	1	WEB
305147	SS-008096-080A	1/2"	6"	80	1	WEB
305148	SS-008096-120A	1/2"	6"	120	1	WEB
305164	SS-010088-050A	5/8"	5-1/2"	50	1	WEB
305165	SS-010088-080A	5/8"	5-1/2"	80	1	WEB
305166	SS-010088-120A	5/8"	5-1/2"	120	1	WEB
305157	SS-010096-050A	5/8"	6"	50	1	WEB
305158	SS-010096-080A	5/8"	6"	80	1	WEB
305159	SS-010096-120A	5/8"	6"	120	1	WEB
305170	SS-012032-050A	3/4"	2"	50	1	WEB
305171	SS-012032-080A	3/4"	2"	80	1	WEB
305172	SS-012032-120A	3/4"	2"	120	1	WEB
305179	SS-012072-050A	3/4"	4-1/2"	50	1	WEB
305180	SS-012072-080A	3/4"	4-1/2"	80	1	WEB
305181	SS-012072-120A	3/4"	4-1/2"	120	1	WEB
305312	SS-012144-050A	3/4"	9"	50	1	WEB
305309	SS-012144-080A	3/4"	9"	80	1	WEB
305308	SS-012144-120A	3/4"	9"	120	1	WEB
305200	SS-016032-050A	1"	2"	50	1	WEB
305201	SS-016032-080A	1"	2"	80	1	WEB
305202	SS-016032-120A	1"	2"	120	1	WEB
305209	SS-016072-050A	1"	4-1/2"	50	1	WEB
305210	SS-016072-080A	1"	4-1/2"	80	1	WEB
305211	SS-016072-120A	1"	4-1/2"	120	1	WEB
305315	SS-016144-050A	1"	9"	50	1	WEB
305316	SS-016144-080A	1"	9"	80	1	WEB
305317	SS-016144-120A	1"	9"	120	1	WEB
305230	SS-024032-050A	1-1/2"	2"	50	1	WEB
305231	SS-024032-080A	1-1/2"	2"	80	1	WEB
305232	SS-024032-120A	1-1/2"	2"	120	1	WEB
305239	SS-024072-050A	1-1/2"	4-1/2"	50	1	WEB
305240	SS-024072-080A	1-1/2"	4-1/2"	80	1	WEB
305241	SS-024072-120A	1-1/2"	4-1/2"	120	1	WEB
305274	SS-024088-050A	1-1/2"	5-1/2"	50	1	WEB
305275	SS-024088-080A	1-1/2"	5-1/2"	80	1	WEB
305276	SS-024088-120A	1-1/2"	5-1/2"	120	1	WEB
305322	SS-024144-050A	1-1/2"	9"	50	1	WEB
305323	SS-024144-080A	1-1/2"	9"	80	1	WEB
305324	SS-024144-120A	1-1/2"	9"	120	1	WEB
305260	SS-032024-050A	2"	1-1/2"	50	1	WEB
305261	SS-032024-080A	2"	1-1/2"	80	1	WEB
305262	SS-032024-120A	2"	1-1/2"	120	1	WEB
305269	SS-032072-050A	2"	4-1/2"	50	1	WEB
305270	SS-032072-080A	2"	4-1/2"	80	1	WEB
305271	SS-032072-120A	2"	4-1/2"	120	1	WEB
305277	SS-032088-050A	2"	5-1/2"	50	1	WEB

305278	SS-032088-080A	2"	5-1/2"	80	1	WEB
305279	SS-032088-120A	2"	5-1/2"	120	1	WEB
305332	SS-032144-050A	2"	9"	50	1	WEB
305333	SS-032144-080A	2"	9"	80	1	WEB
305334	SS-032144-120A	2"	9"	120	1	WEB
305233	SS-048048-050A	3"	3"	50	1	WEB
305234	SS-048048-080A	3"	3"	80	1	WEB
305235	SS-048048-120A	3"	3"	120	1	WEB
305289	SS-048072-050A	3"	4-1/2"	50	1	WEB
305290	SS-048072-080A	3"	4-1/2"	80	1	WEB
305291	SS-048072-120A	3"	4-1/2"	120	1	WEB
305296	SS-048088-050A	3"	5-1/2"	50	1	WEB
305297	SS-048088-080A	3"	5-1/2"	80	1	WEB
305298	SS-048088-120A	3"	5-1/2"	120	1	WEB
305342	SS-048144-050A	3"	9"	50	1	WEB
305343	SS-048144-080A	3"	9"	80	1	WEB
305344	SS-048144-120A	3"	9"	120	1	WEB

### 4" x 9" Sanding Sleeves

**Woodstock** Rigid aluminum oxide hard sanding sleeves.

Stk.	Mfr.	Grit	Qty.	Price
785806	D4637	60	3	WEB
785807	D4638	80	3	WEB
785808	D4640	120	3	WEB

### Sanding Drums

**Clesco** Locks sanding sleeve securely in place. Tighten the nut/screw to expand the rubber cylinder for a strong hold. Great for straight or contour sanding of wood, metals & plastics. Use on electric drill, flexible shaft & drill press.

Stk.	Mfr.	Drum Dia.	Drum Width	Shank	Price
305380	SD-008032-04NL	1/2"	2"	1/4"	WEB
305384	SD-012032-04NL	3/4"	2"	1/4"	WEB
305388	SD-016032-04NL	1"	2"	1/4"	WEB
305392	SD-024032-04NL	1-1/2"	2"	1/4"	WEB
305394	SD-032024-04NL	2"	1-1/2"	1/4"	WEB
305396	SD-048048-08NL	3"	3"	1/2"	WEB

### Sanding Drum Kits

**Clesco** For sanding, polishing and finishing, plus grinding curves, corners, flat surfaces or irregular shapes. Drums have 1/4" shank dia. drums (except 1/2" x 1/2" with 1/8" dia.) that permits drum to be used on most rotary tools (i.e. Dremel & Foreman) with smaller chuck capacities or 1/8" collets. Spiral bound, cloth backed, aluminum oxide abrasive sheets dissipate heat quickly, reduce burning on wood and can handle heavy loads.

**20-Piece Includes** 5 regular drums (1/2" x 1/2", 3/4" x 1", 1" x 1", 1-1/2" x 1-1/2", 2" x 1-1/2"), 15 sleeves (1 fine 120 grit, 1 med. 80 grit and 1 coarse 50 grit for ea. drum size) and box.

Stk.	Mfr.	Price
305400	SDK-1	WEB

**28-Piece Includes** 4 extra long drums (1/2" x 2", 3/4" x 2", 1" x 2", 1-1/2" x 2") and 24 sleeves (6 medium 80 grit for ea. drum size).

Stk.	Mfr.	Price
305401	SDK-28	WEB



## STEEL WOOL



### Steel Wool

**Rhodes** An all-natural and environmentally friendly product. Steel wool is the appropriate abrasive for use with all solvent-based products as well as water-based refinishes and strippers. Its flexible nature, exceptional abrasive qualities, and cost benefits allow steel wool to far outperform synthetic alternatives.

Stk.	Mfr.	Description	Qty.	Price
<b>978010</b>	10120000	#4/0 Super Fine	12	<b>WEB</b>
<b>978011</b>	10121000	#3/0 Extra Fine	12	<b>WEB</b>
<b>978012</b>	10121100	#2/0 Very Fine	12	<b>WEB</b>
<b>978013</b>	10121110	#1/0 Fine	12	<b>WEB</b>
<b>978014</b>	10121111	#1 Medium	12	<b>WEB</b>
<b>978015</b>	10121112	#2 Medium Coarse	12	<b>WEB</b>
<b>978016</b>	10121113	#3 Coarse	12	<b>WEB</b>

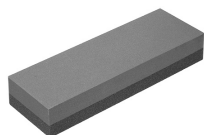


### Synthetic Steel Wool

**3M** Unlike regular steel wool, these pads won't rust or splinter. Simply rinse and reuse.

Stk.	Mfr.	Description	Size	Qty.	Price
<b>942890</b>	10120	#000 Extra Fine	2" x 4"	6	<b>WEB</b>
<b>942891</b>	10118	#0 Fine	2" x 4"	6	<b>WEB</b>
<b>942892</b>	10116	#2 Medium	2" x 4"	6	<b>WEB</b>
<b>942893</b>	10115	#3 Coarse	2" x 4"	6	<b>WEB</b>

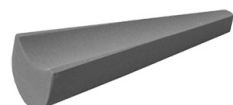
## SHARPENING STONES



### India Oil Stones

**NORTON** Aluminum oxide stone for producing sharp edges on chisels, edge tools and plane blades, plus for cleaning, deburring. Coarse/fine combination bench stone.

Stk.	Mfr.	Size	Price
<b>608787</b>	85560	2" x 1" x 6"	<b>WEB</b>
<b>608854</b>	85565	2" x 1" x 8"	<b>WEB</b>



### Lathe Gouge Stone

**NORTON** Special shape to hone the inside of gouges and touch up the outside. Sharpening groove 1/2" to 3/8".

Stk.	Mfr.	Size	Price
<b>609323</b>	87305	2" x 1" x 6"L	<b>WEB</b>



### Slip Stone

**NORTON** Oil-filled stone with a round edge.

Stk.	Mfr.	Item	Size	Price
<b>608988</b>	87095	Medium Grit	4-1/2" x 1-3/4" x 3/16"	<b>WEB</b>



### Sharpening Stone Oil

**NORTON** For use with all sharpening stones to help reduce particle build-up on the stone surface.

Stk.	Mfr.	Size	Price
<b>609457</b>	87760	4-1/2 oz.	<b>WEB</b>

## WOOD FILLERS



### Carpenter's Interior Wood Filler

**Elmer's** Paintable wood filler. Can be sanded, drilled, nailed and screwed. Easy to apply and easy water cleanup. Dries to a hard durable surface.

Stk.	Mfr.	Size	Price
<b>258010</b>	E847	4 oz.	<b>WEB</b>
<b>258011</b>	E848	8 oz.	<b>WEB</b>
<b>258012</b>	E849	16 oz.	<b>WEB</b>
<b>258008</b>	E842L	32 oz.	<b>WEB</b>



### Color Change Interior Wood Filler

**Elmer's** Wood filler goes on pink and dries natural or white when ready to paint, stain or sand. Fix holes, dents, scratches, gouges and any other defects on interior wood surfaces. Solvent-free.

Stk.	Mfr.	Color	Size	Price
<b>257355</b>	E913	Natural	8 oz.	<b>WEB</b>
<b>257356</b>	E914	Natural	16 oz.	<b>WEB</b>



### Interior/Exterior Wood Patch

**Zar** Latex compound fills nail holes, repairs cracks, gouges, broken corners and chipped edges on wood surfaces. Accepts stain better than conventional wood patching compounds. Neutral color.

Stk.	Mfr.	Size	Price
<b>942961</b>	30906	8 oz.	<b>WEB</b>
<b>942962</b>	30911	16 oz.	<b>WEB</b>



### High Performance Wood Filler

**Minwax** Designed to repair split, damaged or rotted wood. Weather, water and rot resistant. Can be planed, sanded, carved, drilled, screwed, nailed, stained or painted.

Stk.	Mfr.	Size	Price
<b>793265</b>	21600	12 oz.	<b>WEB</b>



### Stainable Wood Filler

**Minwax** Latex-based wood filler for indoor and outdoor surfaces. Stainable, paintable, fast drying, resists shrinking and cracking. Can be sanded or drilled once dry. Applicator tube.

Stk.	Mfr.	Size	Price
<b>793261</b>	42851	1 oz.	<b>WEB</b>
<b>793262</b>	42852	6 oz.	<b>WEB</b>
<b>793263</b>	42853	16 oz.	<b>WEB</b>



### Probond® Stainable Wood Filler

**Elmer's** Repairs holes, dents, scratches and defects on wood, wallboard, molding or painted surfaces. Premium product is easy to sand and won't shrink.

Stk.	Mfr.	Size	Price
<b>257788</b>	P9891	16 oz.	<b>WEB</b>
<b>257789</b>	P9892	32 oz.	<b>WEB</b>



### Wood Putty®

**Minwax** Non-hardening, pre-mixed putty that repairs small holes and covers other minor imperfections in painted, bare, stained and finished wood. No sanding preparation necessary. Easy cleanup with soap & water.

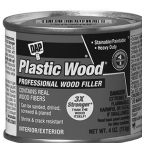
Stk.	Mfr.	Color	Size	Price
<b>793110</b>	13610	Natural Pine	3.75 oz.	<b>WEB</b>
<b>793111</b>	13611	Golden Oak	3.75 oz.	<b>WEB</b>
<b>793112</b>	13612	Colonial Maple	3.75 oz.	<b>WEB</b>
<b>793113</b>	13613	Red Mahogany	3.75 oz.	<b>WEB</b>
<b>793114</b>	13614	Early American	3.75 oz.	<b>WEB</b>
<b>793115</b>	13615	Cherry	3.75 oz.	<b>WEB</b>
<b>793116</b>	13617	Walnut	3.75 oz.	<b>WEB</b>



### Plastic Latex Wood Filler

**Dap** Plastic Wood is a high quality, latex-based wood filler formulated to match various wood finishes. The 6 oz. squeeze tube formula is easy to use, low in odor and cleans up with water. For interior and exterior use.

Stk.	Mfr.	Size	Color	Price
<b>943500</b>	00581	6 oz.	Natural	<b>WEB</b>
<b>943501</b>	00582	6 oz.	Golden Oak	<b>WEB</b>
<b>943502</b>	00583	6 oz.	Red Oak	<b>WEB</b>
<b>943503</b>	00584	6 oz.	Walnut	<b>WEB</b>
<b>943504</b>	00585	6 oz.	White	<b>WEB</b>



### Plastic Wood

**Dap** Repairs even large holes, cracks, gouges and scratches. Ideal for interior and exterior use. Meets Federal Spec TT-F-340C.

Stk.	Mfr.	Size	Color	Price
<b>942880</b>	21400	4 oz.	Light Oak	<b>WEB</b>
<b>942881</b>	21404	4 oz.	Pine	<b>WEB</b>
<b>942882</b>	21408	4 oz.	Golden Oak	<b>WEB</b>
<b>942885</b>	21434	4 oz.	Walnut	<b>WEB</b>
<b>942886</b>	21502	4 oz.	Natural	<b>WEB</b>



### 4-Color Blend Sticks®

**Dap** Quickly and easily repair nail holes, scratches and other minor blemishes in finished wood surfaces with these plastic wood blend sticks. Use the 4 colors individually or combined to match any wood tone, whether real wood or simulated wood surfaces.

Stk.	Mfr.	Color	Qty.	Price
<b>943517</b>	7073804103	Neutral	4/pkg.	<b>WEB</b>
<b>943518</b>	7079804101	Light Browns	4/pkg.	<b>WEB</b>
<b>943519</b>	7079804102	Dark Browns	4/pkg.	<b>WEB</b>

**3 Color Sets Includes** 1 package of each above.

Stk.	Mfr.	Color	Qty.	Price
<b>543765</b>	DBS3		12	<b>WEB</b>



### Blend-Fil® Pencil

**Minwax** For touch-up and repair of shallow scratches in furniture, antiques, woodwork, cabinets, doors, paneling, accessories and more. Quick, easy no-mess application. Available in a variety of colors to match most wood stains and can be mixed to create intermediate colors.

Stk.	Mfr.	Color	Price
<b>793351</b>	2	Natural Bleached Woods	<b>WEB</b>
<b>793352</b>	3	Golden Pecan, Puritan Pine, Fruitwood, Golden Oak, Ipswich Pine	<b>WEB</b>
<b>793353</b>	4	Pickled Oak	<b>WEB</b>
<b>793354</b>	5	Colonial Maple, Sedona Red, Gunstock	<b>WEB</b>
<b>793355</b>	6	English Chestnut, Cherry, Red Chestnut	<b>WEB</b>
<b>793356</b>	7	Red Mahogany, Red Oak	<b>WEB</b>
<b>793357</b>	8	Driftwood, Provincial, Dark Walnut, Early American, Special Walnut	<b>WEB</b>
<b>543763</b>	BF7	7 Pencil Set #2-#8	<b>WEB</b>



### Water Putty

**Durham** Easy-to-use, nonshrinking putty for filling imperfections in wood. It sticks and stays put. Use it to repair furniture, patch plaster, fill knot holes, mold strong figurines and more.

Stk.	Mfr.	Size	Price
<b>316139</b>	168	1 lb.	<b>WEB</b>
<b>316140</b>	169	4 lb.	<b>WEB</b>

## WOOD CONDITIONERS



### Pre-Stain Wood Conditioner

**Minwax** Allows even stain penetration on softwoods like pine, fir and spruce. Wood may be stained immediately after application of clear conditioner.

Stk.	Mfr.	Size	Price
<b>788892</b>	61500	1 Qt.	<b>WEB</b>



### Water-based Pre-Stain Wood Conditioner

**Minwax** Pre-treats and seals wood for even penetration of Minwax Water-based Wood Stains. Low, odor, fast drying, soap and water cleanup.

Stk.	Mfr.	Size	Price
<b>793273</b>	61851	1 Qt.	<b>WEB</b>

## WAX



### Clear Paste Wax

**Trewax** Restores the original satin brilliance of hardwood floors with natural Brazilian Camauba wax furnishing a hard, long wearing finish. The slip-resistant wax may be used on all fine wood furniture and floors, plus marble surfaces.

Stk.	Mfr.	Size	Price
<b>942738</b>	01016	12.35 oz.	<b>WEB</b>



### Paste Finishing Wax

**Minwax** All-purpose finishing wax. Made for light woods.

Stk.	Mfr.	Size	Price
<b>793255</b>	78500	1 lb.	<b>WEB</b>



### Beeswax

**Lundmark** Lubricant for wood screws, nails, lathes, molds and more.

Stk.	Mfr.	Size	Price
<b>943341</b>	9105W54	2 oz.	<b>WEB</b>

## SANDING SEALERS



### Professional Formula Sanding Sealer

**Minwax** Clear sealer formulated for bare wood. Seals wood grain. Sands smooth. Can be topcoated with any Minwax oil or water-based polyurethane finish. Covers approximately 125 sq. ft. per quart. Dries in 1 hour. Soap and water cleanup.

Stk.	Mfr.	Size	Price
<b>793218</b>	65700	Qt.	<b>WEB</b>



### Enduro Sanding Sealer

**General Finishes** Dries tack free in 10-20 min. Clear undercoat forms an easily sandable foundation. High solids content builds a fast film. Brush or spray. Earth-friendly with water cleanup.

Stk.	Mfr.	Size	Price
<b>420278</b>	SSSS	Qt.	<b>WEB</b>
<b>420279</b>	SSSI	Gal.	<b>WEB</b>

## THINNERS & ADDITIVES



### Linseed Oil

**Sunnyside** Boiled oil improves flow and allows easier paint brushing. Produces a higher gloss and more durable paint film when added to oil base paints.

Stk.	Mfr.	Size	Price
<b>942999</b>	87232	Qt.	<b>WEB</b>
<b>943000</b>	872G1	Gal.	<b>WEB</b>



### Specs Paint Thinner

**Sunnyside** Superior thinner and cleaner for oil-base paints and tools.

Stk.	Mfr.	Size	Price
<b>943002</b>	70432	Qt.	<b>WEB</b>



### Paint Thinner

**Sunnyside** Thins oil-base paints and varnishes. Great cleaner for brushes and rollers.

Stk.	Mfr.	Size	Price
<b>943001</b>	701G1	Gal.	<b>WEB</b>



### Green Envy Paint Thinner

**Sunnyside** Earth-friendly, low-VOC (under 20 g/L), water-based formula. Effectively thins paints, degreases, cleans brushes and surfaces. Safer and less flammable than regular thinners.

Stk.	Mfr.	Size	Price
<b>943267</b>	730G1	Gal.	<b>WEB</b>

## OIL-BASED FINISHES



### Wood Finish™ Wood Stain

**Minwax** Penetrating oil-based wood stain provides beautiful rich color that enhances the natural wood grain in a single coat. Dries in 2 hours and resists lapping for even color. Interior use.

Stk.	Mfr.	Color	Size	Price
793152	209-Q	Natural	Qt.	WEB
793158	211-Q	Provincial	Qt.	WEB
793160	215-Q	Red Oak	Qt.	WEB
793164	221-Q	Ipswich Pine	Qt.	WEB
793166	222-Q	Sedona Red	Qt.	WEB
793168	223-Q	Colonial Maple	Qt.	WEB
793174	224-Q	Special Walnut	Qt.	WEB
793181	225-Q	Red Mahogany	Qt.	WEB
793188	230-Q	Early American	Qt.	WEB
793190	233-Q	English Chestnut	Qt.	WEB
793194	235-Q	Cherry	Qt.	WEB
793204	241-Q	Fruitwood	Qt.	WEB
793209	245-Q	Golden Pecan	Qt.	WEB
793156	210B-Q	Golden Oak	Qt.	WEB
793224	2126-Q	Driftwood	Qt.	WEB
793232	2716-Q	Dark Walnut	Qt.	WEB
793243	2750-Q	Jacobean	Qt.	WEB
793185	231-Q	Gunstock	Qt.	WEB
793150	209-G	Natural	Gal.	WEB
793157	211-G	Provincial	Gal.	WEB
793161	215-G	Red Oak	Gal.	WEB
793163	221-G	Ipswich Pine	Gal.	WEB
793165	223-G	Colonial Maple	Gal.	WEB
793171	224-G	Special Walnut	Gal.	WEB
793178	225-G	Red Mahogany	Gal.	WEB
793184	230-G	Early American	Gal.	WEB
793191	235-G	Cherry	Gal.	WEB
793198	241-G	Fruitwood	Gal.	WEB
793208	245-G	Golden Pecan	Gal.	WEB
793154	210B-G	Golden Oak	Gal.	WEB
793230	2716-G	Dark Walnut	Gal.	WEB
793186	231-G	Gunstock	Gal.	WEB



### Wood Finish™ Stain Marker

**Minwax** Oil-based markers contain stains for touchups and repair of wood furniture, cabinets, doors, molding and floors. Also stains and details small hobby and woodcraft projects. Dries immediately, mineral spirit or paint thinner cleanup.

Stk.	Mfr.	Color	Size	Price
793210	63481	Golden Oak	1/3 oz.	WEB
793211	63482	Provincial	1/3 oz.	WEB
793212	63483	Red Oak	1/3 oz.	WEB
793213	63484	Red Mahogany	1/3 oz.	WEB
793214	63485	Early American	1/3 oz.	WEB
793215	63486	Cherry	1/3 oz.	WEB
793216	63487	Dark Walnut	1/3 oz.	WEB
793217	63490	Ebony	1/3 oz.	WEB



### Danish Oil Stain & Finish

**Watco** Danish Oil is a unique blend of penetrating oil and varnish that hardens in the wood, not on the wood. It creates the rich, warm glow of a traditional hand-rubbed finish. Indoor use only (not recommended for floors). Stains, seals and protects in one easy step.

Stk.	Mfr.	Color	Size	Price
964474	A65741	Natural	Qt.	WEB
963268	65241	Cherry	Qt.	WEB
964072	65141	Golden Oak	Qt.	WEB
963469	A65841	Dark Walnut	Qt.	WEB
964273	A65941	Medium Walnut	Qt.	WEB
963544	65541	Light Walnut	Qt.	WEB
963067	65341	Black Walnut	Qt.	WEB
963871	65441	Fruitwood	Qt.	WEB
964541	65731	Natural	Gal.	WEB
963335	65231	Cherry	Gal.	WEB
964139	65131	Golden Oak	Gal.	WEB
963536	65831	Dark Walnut	Gal.	WEB
964340	65931	Medium Walnut	Gal.	WEB
963060	65331	Black Walnut	Gal.	WEB



### Wipe-on Penetrating Wood Stain

**General Finishes** Made from the highest quality oils, resins and pigments for a beautiful finish that's easy to achieve. Penetrating wood sealer and stain protects while revealing and accenting the grain, color and character of the wood. Will not chip, crack, craze or yellow and resists staining and spotting.

Stk.	Mfr.	Color	Size	Price
420281	MAQT	Mahogany	Qt.	WEB
420283	CHQT	Warm Cherry	Qt.	WEB
420292	PEQT	Pecan	Qt.	WEB
420298	ACQT	Antique Cherry	Qt.	WEB
420302	SWQT	Spiced Walnut	Qt.	WEB



### Seal-A-Cell Clear

**General Finishes** An unusual combination of oils, urethanes and waxes, Seal-A-Cell Clear has served craftsman for decades as the best wipe-on clear coat to get that "natural" look on beautiful woods. The oils penetrate deep into the wood to highlight the figure of the wood, and the urethane ensures durability. It can be used as a standalone finish or you can follow with multiple coats of Arm-R-Seal top-coat to enhance durability. It can be used as a wood conditioner to control penetration of stains, used to dilute other stains and as a base to add universal tints to achieve custom colors.

Stk.	Mfr.	Size	Price
420280	SSQT	Qt.	WEB
420310	SSGA	Gal.	WEB



### Tung Oil Finish

**Minwax** Creates a remarkably durable, hand-rubbed luster in minutes. Easy to maintain, it is the ideal protective finish for woods that have been refinished because it penetrates wood pores to restore vitality to dry, thirsty wood.

Stk.	Mfr.	Size	Price
793133	47500	16 oz.	WEB
793134	67500	32 oz.	WEB





### Butcher Block Oil & Finish

**Watco** Specially-formulated, food-safe oil is FDA approved for application on butcher blocks, wooden bowls and more. Easy, wipe-on application. Highly-durable, rich-shen finish enhances and protects.

Stk.	Mfr.	Size	Price
<b>963600</b>	241758	Pt.	<b>WEB</b>



### Butcher Block Oil Finish

**General Finishes** Preferred method to maintain butcher blocks or any other surface that comes in contact with food such as salad bowls, cutting boards and wooden utensils.

Stk.	Mfr.	Size	Price
<b>420354</b>	PTBB	16 oz.	<b>WEB</b>



### Mineral Oil

**Aaron** Preserves wood and prevents cracking and warping. Restores natural oils and beauty to any wood surface.

Stk.	Mfr.	Size	Price
<b>943007</b>	60061	Pt.	<b>WEB</b>



### Antique Oil Finish

**Minwax** Penetrating oil-based protective finish that gives wood a soft, hand-rubbed luster. It's durable, easily maintained, and highly resistant to staining. Recommended for interior wood surfaces such as cabinets, tables, paneling, doors and trim. May be used over wood stained with Minwax® Wood Finish™, or other Minwax wood stains, or applied directly to bare wood.

Stk.	Mfr.	Size	Price
<b>793142</b>	47000	Pt.	<b>WEB</b>
<b>793144</b>	67000	Qt.	<b>WEB</b>



### Salad Bowl Finish

**General Finishes** Nontoxic and food safe when dry. Oil-based finish is highly resistant to water, food stains.

Stk.	Mfr.	Size	Price
<b>420350</b>	SBPT	Pt.	<b>WEB</b>
<b>420352</b>	SBQT	Qt.	<b>WEB</b>

## POLYURETHANE



### Water-Based Polyurethane Spray Paint

**Varathane** Provides highest-possible finish clarity. Allows wood's natural beauty to shine through the scratch- and stain-resistant finish.

Stk.	Mfr.	Finish	Size	Price
<b>889470</b>	200081	Crystal Clear Gloss	11.25 oz.	<b>WEB</b>
<b>889471</b>	200181	Crystal Clear Semi-Gloss	11.25 oz.	<b>WEB</b>
<b>889472</b>	200281	Crystal Clear Satin	11.25 oz.	<b>WEB</b>



### Fast-Drying Polyurethane Spray

**Minwax** Fast drying, durable clear finish for interior wood surfaces. Convenient spray formula for hard-to-reach areas. Cleans up with mineral spirits.

Stk.	Mfr.	Finish	Size	Price
<b>793246</b>	33050	Gloss	11.5 oz.	<b>WEB</b>
<b>793247</b>	33055	Semi-Gloss	11.5 oz.	<b>WEB</b>
<b>793248</b>	33060	Satin	11.5 oz.	<b>WEB</b>



### Polyurethane Spray Paint

**Varathane** Premium polyurethane oil-based wood finish has been specially developed to provide the highest clarity and gives a rich, golden glow that gets deeper over time. With outstanding scratch and stain resistance, your students' interior projects will look great for years to come.

Stk.	Mfr.	Finish	Size	Price
<b>963500</b>	6081	Clear Semi-Gloss	11.25 oz.	<b>WEB</b>
<b>963501</b>	9081	Clear Gloss	11.25 oz.	<b>WEB</b>
<b>963502</b>	9181	Clear Satin	11.25 oz.	<b>WEB</b>



### Fast-Drying Polyurethane

**Minwax** Provides a tough, clear, self-leveling finish to all interior wood surfaces. Durable finish resists dirt, spills, marring and scuffing.

Stk.	Mfr.	Finish	Size	Price
<b>788894</b>	63000	Gloss	Qt.	<b>WEB</b>
<b>788896</b>	63005	Semi-gloss	Qt.	<b>WEB</b>
<b>788897</b>	63010	Satin	Qt.	<b>WEB</b>
<b>788895</b>	71030	Gloss	Gal.	<b>WEB</b>
<b>788899</b>	71029	Semi-Gloss	Gal.	<b>WEB</b>
<b>788898</b>	71028	Satin	Gal.	<b>WEB</b>



### Clear Finish Polyurethane

**Deft** Clear, liquid plastic coating for maximum interior and exterior durability. Specify satin or gloss. May be mixed to change sheen. Nonflammable.

Stk.	Mfr.	Finish	Size	Price
<b>319407</b>	020-13	Gloss	11.5 oz. Spray	<b>WEB</b>
<b>319608</b>	025-13	Satin	11.5 oz. Spray	<b>WEB</b>
<b>319474</b>	020-04	Gloss	Qt.	<b>WEB</b>
<b>319675</b>	025-04	Satin	Qt.	<b>WEB</b>
<b>319541</b>	020-01	Gloss	Gal.	<b>WEB</b>
<b>319742</b>	025-01	Satin	Gal.	<b>WEB</b>



### Helmsman® Spar Urethane

**Minwax** Clear finish is specially formulated for exterior and interior wood. Contains UV blockers to reduce graying and fading. Protects against rain and moisture. Expands and contracts with wood as temperature changes.

**Not recommended for use on floors.**

Stk.	Mfr.	Finish	Size	Price
<b>793135</b>	63200	Gloss	Qt.	<b>WEB</b>
<b>793136</b>	63210	Semi-Gloss	Qt.	<b>WEB</b>
<b>793137</b>	13200	Gloss	Gal.	<b>WEB</b>
<b>793138</b>	13210	Semi-Gloss	Gal.	<b>WEB</b>



### Arm-R-Seal Oil & Urethane Topcoat

**General Finishes** Highest quality urethane resin for extremely durable, wear resistant protection. Great for salad bowls, cabinets, hardwood floors, etc. Apply with a cloth or foam brush for a smooth, drip-free finish. Penetrates for deep down protection and a natural look. May be applied over oil or stains.

Stk.	Mfr.	Finish	Size	Price
<b>420250</b>	AGQT	Gloss	Qt.	<b>WEB</b>
<b>420220</b>	SGQT	Semi-Gloss	Qt.	<b>WEB</b>
<b>420248</b>	ASQT	Satin	Qt.	<b>WEB</b>
<b>420252</b>	AGGA	Gloss	Gal.	<b>WEB</b>
<b>420219</b>	SGGA	Semi-Gloss	Gal.	<b>WEB</b>
<b>420251</b>	ASGA	Satin	Gal.	<b>WEB</b>

## WATER-BASED FINISHES



### One Step Stain & Polyurethane

**Varathane** Cut your application time in half with Varathane® One-Step Stain & Polyurethane. This exclusive, water-based formula provides deep, rich color, low odor, fast dry time and water clean-up. Indoor use only.

Stk.	Mfr.	Color	Size	Price
<b>963560</b>	337037	Dark Walnut	Qt.	<b>WEB</b>
<b>963561</b>	336347	Golden Pecan	Qt.	<b>WEB</b>
<b>963562</b>	333649	Weathered Gray	Qt.	<b>WEB</b>
<b>963563</b>	333655	Kona	Qt.	<b>WEB</b>
<b>963564</b>	336358	Golden Oak	Qt.	<b>WEB</b>
<b>963565</b>	336359	Provincial	Qt.	<b>WEB</b>
<b>963566</b>	336360	Red Mahogany	Qt.	<b>WEB</b>
<b>963567</b>	336361	Early American	Qt.	<b>WEB</b>



### Water-based Wood Stain

**General Finishes** Water-based wood stain spreads easily, can be repaired, blend effortlessly and has plenty of open time. The thicker formula provide workability similar to oil-based stains. High-quality pigments produce rich, dark, uniform colors on hard-to-stain woods. Interior use. Water clean-up.

**When staining pine, use Natural as a pre-stain sealer to prevent blotching.**

Stk.	Mfr.	Color	Size	Price
<b>420253</b>	WNQT	Natural	Qt.	<b>WEB</b>
<b>420331</b>	WYQT	Brown Mahogany	Qt.	<b>WEB</b>
<b>420336</b>	WXQT	Espresso	Qt.	<b>WEB</b>
<b>420334</b>	WWQT	Walnut	Qt.	<b>WEB</b>
<b>420338</b>	WOQT	Antique Oak	Qt.	<b>WEB</b>
<b>420340</b>	WPQT	Pecan	Qt.	<b>WEB</b>
<b>420341</b>	WAQT	Antique Brown	Qt.	<b>WEB</b>
<b>420342</b>	WZQT	Cabernet	Qt.	<b>WEB</b>
<b>420343</b>	WHQT	Hickory	Qt.	<b>WEB</b>
<b>420344</b>	WVQT	Provincial	Qt.	<b>WEB</b>
<b>420345</b>	WSQT	Sedona	Qt.	<b>WEB</b>
<b>420346</b>	WKQT	Black Cherry	Qt.	<b>WEB</b>



### High-performance Polyurethane Water-Based Topcoat

**General Finishes** High Performance is a durable urethane topcoat for use over painted, stained or raw wood surfaces. Interior use only.

Stk.	Mfr.	Finish	Size	Price
<b>420269</b>	QTHS	Satin	Qt.	<b>WEB</b>
<b>420270</b>	QTHG	Gloss	Qt.	<b>WEB</b>
<b>420271</b>	GAHS	Satin	Gal.	<b>WEB</b>
<b>420272</b>	GAHG	Gloss	Gal.	<b>WEB</b>



### Polycrylic® Water-based Finish

**Minwax** Protective Finish is a crystal clear, ultra fast-drying protective topcoat. Protects and adds beauty to interior wood surfaces including woodwork, furniture, doors and cabinets. Crystal clear finish is ideal for use over light woods like maple, ash and birch as well as over Minwax® Water-Based Wood Stains. Dries quickly. Cleans up easily with warm water.

**Not recommended for use on Minwax Red Mahogany Stain.**

Stk.	Mfr.	Finish	Size	Price
<b>964879</b>	35555	Gloss	11.5 oz. Spray	<b>WEB</b>
<b>964878</b>	34444	Semi-Gloss	11.5 oz. Spray	<b>WEB</b>
<b>964877</b>	33333	Satin	11.5 oz. Spray	<b>WEB</b>
<b>964880</b>	65555	Gloss	Qt.	<b>WEB</b>
<b>964885</b>	64444	Semi-Gloss	Qt.	<b>WEB</b>
<b>964882</b>	63333	Satin	Qt.	<b>WEB</b>
<b>964881</b>	15555	Gloss	Gal.	<b>WEB</b>
<b>964884</b>	14444	Semi-Gloss	Gal.	<b>WEB</b>
<b>964883</b>	13333	Satin	Gal.	<b>WEB</b>



### Aqua-Zar Water-based Polyurethane

**Zar** Crystal clear, water-based polyurethane is non-yellowing. Protects and beautifies cabinets, furniture, paneling, woodwork and floors. Low odor, environmentally safe, VOC compliant.

Stk.	Mfr.	Finish	Size	Price
<b>986750</b>	32412	Gloss	Qt.	<b>WEB</b>
<b>986755</b>	32512	Satin	Qt.	<b>WEB</b>
<b>986751</b>	32413	Gloss	Gal.	<b>WEB</b>
<b>986756</b>	32513	Satin	Gal.	<b>WEB</b>

### Water-based Polyurethane

**Deft** Provides excellent hardness, durability, UV protection and weather resistance. Offers exceptional sanding characteristics, self-priming and non-toxic when dry. Meets environmental regulations for VOC. Protects interior and exterior furniture, doors, floors, windows, window frames, and other hard use wooden areas. Easy application, low odor and water clean-up.



Stk.	Mfr.	Finish	Size	Price
<b>319571</b>	257-04	Gloss	Qt.	<b>WEB</b>
<b>319573</b>	258-04	Semi-Gloss	Qt.	<b>WEB</b>
<b>319575</b>	259-04	Satin	Qt.	<b>WEB</b>
<b>319570</b>	257-01	Gloss	Gal.	<b>WEB</b>
<b>319572</b>	258-01	Semi-Gloss	Gal.	<b>WEB</b>
<b>319574</b>	259-01	Satin	Gal.	<b>WEB</b>



### Wipe-On Poly

**Minwax** High-quality, durable clear finish combines polyurethane protection with classic hand-rubbed beauty. Easy-application cloth wipe-on. Use on furniture, cabinets, woodwork, doors, railings and trim. 2-3 hr. recoat, 24-hr. dry time. Water cleanup. VOC compliant.

Stk.	Mfr.	Finish	Size	Price
<b>793147</b>	40916	Gloss	16 oz.	<b>WEB</b>
<b>793148</b>	40917	Satin	16 oz.	<b>WEB</b>

## SHELLAC



### Bulls Eye® Shellac

**Zinsser** All natural, hypo-allergenic, nontoxic finish that is safe for children's toys and furniture. Pre-stain sealer for pine and other softwoods. Can be used as a clear stain blocker and odor barrier. Dependable knot and sap sealer. May be tinted and used as a dark color interior paint primer. Fast drying, clear finish for interior wood floors, trim, doors, furniture, cabinets, arts and crafts, etc.

Stk.	Mfr.	Size	Price
<b>943017</b>	0408	12 oz. Spray	<b>WEB</b>
<b>943018</b>	304H	Qt.	<b>WEB</b>

## SPRAY FINISHES



### Clear Wood Finish Spray Lacquer

**Deft** Quick-drying, clear lacquer sealer and finish. Alcohol and water resistant finish. Excellent for crafts, metals. Dries in 30 min. Can be recoated in 2 hrs. No sealer is necessary.

Stk.	Mfr.	Finish	Size	Price
<b>319032</b>	010-13	Gloss	12-1/4 oz.	<b>WEB</b>
<b>319139</b>	011-13	Semi-Gloss	12-1/4 oz.	<b>WEB</b>
<b>319400</b>	017-13	Satin	12-1/4 oz.	<b>WEB</b>



### Spray Lacquer Paint

**Premium Decor** Quick-drying with high gloss finish. Ideal for metal, wood, toys, furniture and handcrafts.

**Contains no CFCs.**

Stk.	Mfr.	Color	Size	Price
<b>943098</b>	PD1353-AER	Black	12 oz.	<b>WEB</b>
<b>943099</b>	PD1354-AER	White	12 oz.	<b>WEB</b>
<b>943100</b>	PD1355-AER	Clear	12 oz.	<b>WEB</b>



### Fluorescent Spray Paint

**Premium Decor** Bright, bold colors for a highly visible finish. Ideal for wood, metal, handcrafts, toys and other paintable interior and exterior surfaces.

**Contains no CFCs.**

Stk.	Mfr.	Color	Size	Price
<b>943094</b>	PDFL3-AER	Bright Yellow	11 oz.	<b>WEB</b>
<b>943095</b>	PDFL4-AER	Glo Green	11 oz.	<b>WEB</b>
<b>943096</b>	PDFL6-AER	Red/Orange	11 oz.	<b>WEB</b>
<b>943097</b>	PDFL7-AER	Electric Pink	11 oz.	<b>WEB</b>



### COLORmaxx Spray Paint + Primer

**Krylon** Krylon COLORmaxx spray paint provides brilliant colors in a variety of sheens. The easy-push big button tip provides the ability to spray at any angle for fast coverage to get your project done.

#### Flat

Stk.	Mfr.	Color	Size	Price
<b>943439</b>	K05548007	White	12 oz.	<b>WEB</b>
<b>943443</b>	K05546007	Black	12 oz.	<b>WEB</b>

#### Gloss

Stk.	Mfr.	Color	Size	Price
<b>943436</b>	K05515007	Clear	12 oz.	<b>WEB</b>
<b>943438</b>	K05545007	White	12 oz.	<b>WEB</b>
<b>943440</b>	K05524007	Ivory	12 oz.	<b>WEB</b>
<b>943442</b>	K05505007	Black	12 oz.	<b>WEB</b>
<b>943444</b>	K05531007	Pewter Gray	12 oz.	<b>WEB</b>
<b>943446</b>	K05541007	Sun Yellow	12 oz.	<b>WEB</b>
<b>943447</b>	K05543007	True Blue	12 oz.	<b>WEB</b>
<b>943448</b>	K05533007	Purple	12 oz.	<b>WEB</b>
<b>943449</b>	K05523007	Hunter Green	12 oz.	<b>WEB</b>
<b>943450</b>	K05517007	Emerald Green	12 oz.	<b>WEB</b>
<b>943451</b>	K05511007	Cherry Red	12 oz.	<b>WEB</b>
<b>943452</b>	K05532007	Pumpkin Orange	12 oz.	<b>WEB</b>
<b>943453</b>	K05527007	Leather Brown	12 oz.	<b>WEB</b>

#### Satin

Stk.	Mfr.	Color	Size	Price
<b>943437</b>	K05562007	Clear	12 oz.	<b>WEB</b>
<b>943445</b>	K05557007	Black	12 oz.	<b>WEB</b>

#### Semi-Gloss

Stk.	Mfr.	Color	Size	Price
<b>943441</b>	K05580007	White	12 oz.	<b>WEB</b>



### COLORmaxx Spray Primer

**Krylon** This product has a smooth application with added rust protection. The easy-push big button tip provides the ability to spray at any angle for fast coverage to get your project done.

Stk.	Mfr.	Color	Size	Price
<b>943454</b>	K05581007	Black	12 oz.	<b>WEB</b>
<b>943455</b>	K05582007	Gray	12 oz.	<b>WEB</b>
<b>943456</b>	K05584007	White	12 oz.	<b>WEB</b>
<b>943458</b>	K05583007	Red Oxide	12 oz.	<b>WEB</b>



### Stops Rust® Enamel Spray

**Rust-Oleum** Stops Rust® provides a durable protective enamel coating with excellent rust prevention and resistance to abrasion, fading and chipping. It applies easily, provides excellent coverage and dries fast. For ferrous, non-ferrous metal and wood surfaces. Not for use on galvanized metal.

#### Flat

Stk.	Mfr.	Color	Size	Price
<b>889406</b>	7776830	Black Flat	12 oz.	<b>WEB</b>
<b>889412</b>	7790830	White Flat	12 oz.	<b>WEB</b>

#### Gloss

Stk.	Mfr.	Color	Size	Price
<b>889398</b>	7701830	Crystal Clear	12 oz.	<b>WEB</b>
<b>889400</b>	7727830	Royal Blue	12 oz.	<b>WEB</b>
<b>889402</b>	7738830	Hunter Green	12 oz.	<b>WEB</b>
<b>889404</b>	7762830	Sunrise Red	12 oz.	<b>WEB</b>
<b>889408</b>	7779830	Black Gloss	12 oz.	<b>WEB</b>
<b>889410</b>	7786830	Smoke Gray	12 oz.	<b>WEB</b>
<b>889414</b>	7792830	White Gloss	12 oz.	<b>WEB</b>



## 2X Ultra Cover® Spray Paint + Primer

**Rust-Oleum** With the Double Coverage Technology of Painter's Touch® 2X Ultra Cover®, your project could be done faster so you can enjoy it sooner. With indoor and outdoor durability, you be assured your project will last.

### Flat

Stk.	Mfr.	Color	Size	Price
<b>889450</b>	249126	White	12 oz.	<b>WEB</b>
<b>889451</b>	249127	Black	12 oz.	<b>WEB</b>

### Gloss

Stk.	Mfr.	Color	Size	Price
<b>889440</b>	249090	White	12 oz.	<b>WEB</b>
<b>889441</b>	249092	Sun Yellow	12 oz.	<b>WEB</b>
<b>889442</b>	249095	Real Orange	12 oz.	<b>WEB</b>
<b>889443</b>	249097	Purple	12 oz.	<b>WEB</b>
<b>889444</b>	249098	Navy Blue	12 oz.	<b>WEB</b>
<b>889445</b>	249100	Meadow Green	12 oz.	<b>WEB</b>
<b>889446</b>	249119	Candy Pink	12 oz.	<b>WEB</b>
<b>889447</b>	249120	Brilliant Blue	12 oz.	<b>WEB</b>
<b>889448</b>	249122	Black	12 oz.	<b>WEB</b>
<b>889449</b>	249124	Apple Red	12 oz.	<b>WEB</b>

### Semi-Gloss

Stk.	Mfr.	Color	Size	Price
<b>889460</b>	249853	Hunter Green	12 oz.	<b>WEB</b>



## Enamel Spray Paint

**Premium Decor** Fast-drying paint inhibits rust. Use for all interior and exterior wood, metal, furniture, toys, crafts and other paintable surfaces.

**Contains no CFCs.**

### Flat

Stk.	Mfr.	Color	Size	Price
<b>942982</b>	PDS5-AER	White	12 oz.	<b>WEB</b>
<b>942983</b>	PDS6-AER	Black	12 oz.	<b>WEB</b>

### Gloss

Stk.	Mfr.	Color	Size	Price
<b>942980</b>	PDS1-AER	White	12 oz.	<b>WEB</b>
<b>942981</b>	PDS2-AER	Black	12 oz.	<b>WEB</b>
<b>942984</b>	PDS7-AER	Clear Acrylic	12 oz.	<b>WEB</b>
<b>942985</b>	PDS16-AER	Almond	12 oz.	<b>WEB</b>
<b>942996</b>	PDS96-AER	Fiesta Red	12 oz.	<b>WEB</b>
<b>943225</b>	PDS24-AER	Banner Orange	12 oz.	<b>WEB</b>
<b>942986</b>	PDS30-AER	Royal Blue	12 oz.	<b>WEB</b>
<b>942987</b>	PDS40-AER	Sunflower Yellow	12 oz.	<b>WEB</b>
<b>942988</b>	PDS50-AER	Hunter Green	12 oz.	<b>WEB</b>
<b>942995</b>	PDS60-AER	Leather Brown	12 oz.	<b>WEB</b>
<b>942994</b>	PDS71-AER	Pewter Gray	12 oz.	<b>WEB</b>
<b>942997</b>	PDS95-AER	Shutter Red	12 oz.	<b>WEB</b>
<b>942990</b>	PDS90-AER	Silver	12 oz.	<b>WEB</b>
<b>942991</b>	PDS91-AER	Gold	12 oz.	<b>WEB</b>
<b>942992</b>	PDS92-AER	Copper	12 oz.	<b>WEB</b>
<b>943223</b>	PDS94-AER	Chrome Metallic	12 oz.	<b>WEB</b>



## All Surface Hammered Spray Paint

**Rust-Oleum** All-in-one paint and primer brings a hand-hammered look to finished projects with superior coverage and durability. Works on vinyl, metal, plastic, fiberglass, concrete, glass, wicker and wood.

Stk.	Mfr.	Color	Size	Price
<b>889420</b>	245217	Black	12 oz.	<b>WEB</b>
<b>889421</b>	245219	Silver	12 oz.	<b>WEB</b>
<b>889422</b>	258199	Dark Bronze	12 oz.	<b>WEB</b>



## AntiSlip Spray

**Rust-Oleum** AntiSlip coating creates a non-skid surface on concrete, metal and wood. The fast drying formula dries clear and can be applied for indoor and outdoor use.

Stk.	Mfr.	Color	Size	Price
<b>963053</b>	271455	Clear	12 oz.	<b>WEB</b>



## Chalk Board Spray Paint

**Rust-Oleum** Specialty paint converts surfaces into a usable chalk-board. Apply to metal, wood, plastic, hardboard, glass or paper-board. Erases cleanly.

Stk.	Mfr.	Color	Size	Price
<b>889390</b>	1913830	Flat Black	11 oz.	<b>WEB</b>



## Magnetic Primer

**Rust-Oleum** Base coat that allows you to create a surface that attracts magnets almost anywhere. Can be applied to wood, metal, masonry, drywall, and plaster.

Stk.	Mfr.	Size	Price
<b>963055</b>	247596	Qt.	<b>WEB</b>



## High Performance Spray Grip

**Rust-Oleum** Turn any spray can into a spray gun. Provides more control for a professional finish. Easy slide-on grip fits most spray cans. Trigger safety lock.

Stk.	Mfr.	Price
<b>964100</b>	243546	<b>WEB</b>

## STORAGE



### Empty Paint Can

**TV Company** Lined, empty paint can with lid.

Stk.	Mfr.	Size	Price
<b>943335</b>	EMPQT	Quart	<b>WEB</b>
<b>943336</b>	EMPG	Gallon	<b>WEB</b>



## GLOVES



### ProWorks® Latex-free Cast Poly Gloves

**Adenna** These 100% synthetic polyethylene gloves are more durable than standard polyethylene gloves and are latex free, powder free and DEHP free. The textured surface is comfortable and provides better grip and ease of use. The looser fit was designed for easy, fast on-and-off which is great for users who are frequently changing gloves. This makes them a cost effective alternative to vinyl gloves.

Stk.	Mfr.	Size	Qty.	Price
<b>I20200</b>	GL-CP100S	Small	100	<b>WEB</b>
<b>I20201</b>	GL-CP100M	Medium	100	<b>WEB</b>
<b>I20202</b>	GL-CP100L	Large	100	<b>WEB</b>



### ProWorks® Latex-free Powder-free Clear Vinyl Gloves

**Adenna** An excellent alternative for those with latex allergies, these gloves are designed as a single-use, general protection glove with a beaded cuff.

Stk.	Mfr.	Size	Qty.	Price
<b>I20280</b>	GL-VI03FS	Small	100	<b>WEB</b>
<b>I20281</b>	GL-VI03FM	Medium	100	<b>WEB</b>
<b>I20282</b>	GL-VI03FL	Large	100	<b>WEB</b>
<b>I20283</b>	GL-VI03FX	X-Large	100	<b>WEB</b>



### ProWorks® Latex-Free Lightly Powdered Clear Vinyl Gloves

**Adenna** These Adenna ProWorks® Clear Vinyl Industrial Lightly Powdered Disposable Gloves provide an excellent alternative for people with latex allergies. This general protection glove also has a beaded cuff.

Stk.	Mfr.	Size	Qty.	Price
<b>I20290</b>	GL-VI03PS	Small	100	<b>WEB</b>
<b>I20291</b>	GL-VI03PM	Medium	100	<b>WEB</b>
<b>I20292</b>	GL-VI03PL	Large	100	<b>WEB</b>
<b>I20293</b>	GL-VI03PX	X-Large	100	<b>WEB</b>



### ProWorks® Powder-free Natural Latex Gloves

**Adenna** These disposable gloves come in a natural white color and are 9-1/2" in length and 5 mil thickness. They provide excellent protection in non-medical environments and a comfortable fit.

**Caution: Natural latex may cause allergic reactions in some individuals.**

Stk.	Mfr.	Size	Qty.	Price
<b>I20220</b>	GL-LI05FS	Small	100	<b>WEB</b>
<b>I20221</b>	GL-LI05FM	Medium	100	<b>WEB</b>
<b>I20222</b>	GL-LI05FL	Large	100	<b>WEB</b>
<b>I20223</b>	GL-LI05FX	X-Large	100	<b>WEB</b>



### ProWorks® Latex-free Powder-free Blue Nitrile Gloves

**Adenna** These gloves are made from synthetic rubber or butadiene. The beaded cuff combined with textured fingers and palm provide excellent comfort and feel. Ideal for any general purpose or industrial application.

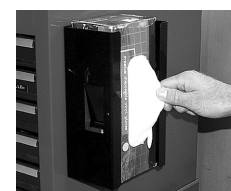
Stk.	Mfr.	Size	Qty.	Price
<b>I20240</b>	GL-NB107FM	Medium	100	<b>WEB</b>
<b>I20241</b>	GL-NB107FL	Large	100	<b>WEB</b>
<b>I20242</b>	GL-NB107FX	X-Large	100	<b>WEB</b>



### ProWorks® Black Nitrile Powder-Free Gloves

**Adenna** Standard length heavy-weight gloves have micro-textured palm and fingers and beaded cuff. Latex free and non-sterile. Use for medium- to heavy-duty applications. ASTM D6319 and FDA compliant.

Stk.	Mfr.	Size	Qty.	Price
<b>I20230</b>	GL-NI07FM	Medium	100	<b>WEB</b>
<b>I20231</b>	GL-NI07FL	Large	100	<b>WEB</b>
<b>I20232</b>	GL-NI07FX	X-Large	100	<b>WEB</b>



### Magnetic Glove Dispenser

**Lisle** Dispenser attaches to tool box or any ferrous metal surface. 2 large magnets hold unit in place, or mount to wall using screw slots provided. 3 adjusting springs accommodate all common sizes of disposable gloves, both 50 and 100 pkgs. Made of powder-coated steel.

Stk.	Mfr.	Price
<b>503830</b>	20130	<b>WEB</b>

## CLEANING PRODUCTS



### Brush-Wash™ Cleaner & Renewer

**Krud Kutter** Quickly clean and recondition synthetic paint brushes and rollers. Removes dried paint from most applicators. Biodegradable, water-based formula is safe, fast and effective on oil, latex and enamel paints, varnish, lacquer, shellac and polyurethane.

Stk.	Mfr.	Size	Price
<b>889320</b>	BW32	32 oz.	<b>WEB</b>



### Premium Absorbent

**Oil-Dri** Highly porous clay granules absorb most types of oils, acids, inks, paints and more. Do not use with turpentine, vegetable oil, unsaturated organic compounds, or hydrofluoric acid.

Stk.	Mfr.	Size	Price
<b>943471</b>	I05040-G50	40 Qt.	<b>WEB</b>



### Kleen Sweep™

**Akona** Water-based compound out performs oil-based products. Controls dust and picks up on cement, vinyl, rubber, asphalt, composition and other floors. Picks up gypsum and wall board dust. Stain-free and won't leave oily residue. Environmentally safe (no petroleum oil, not toxic or hazardous).

Stk.	Mfr.	Size	Price
<b>942859</b>	1815	50 lbs.	<b>WEB</b>



### Original Krud Kutter

**Krud Kutter** Cut grease, grime, oil, tar, wax and more. Spray to safely clean food stains, dried latex paint, paint overspray, tape residue, glue and adhesive, acid rain, bird droppings, smoke damage, tree sap, marker, crayon, brake dust, oxidation, scuff marks, blood stains, gum, soap scum, mildew stains. Recommended for pressure washers and carpet cleaning

machines. Earth-friendly water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
<b>889350</b>	KK32	32 oz.	<b>WEB</b>
<b>889345</b>	KK01	1 Gal.	<b>WEB</b>



### All-Purpose Cleaner

**Simple Green** Ready-to-use cleaner is pre-diluted with water, but the formula is still strong enough for heavy cleaning and will clean bathtubs, stove-tops, floors, walls, engines and tools. Use on any indoor or outdoor washable surface. Nontoxic and biodegradable.

Stk.	Mfr.	Size	Price
<b>943363</b>	2710001213013	24 oz.	<b>WEB</b>



### Goo Gone Spray Gel

**Homax** Trigger bottle application allows gel to cling to the surface for no-drip, no-mess cleaning. Since gel holds onto the stain, it cleans quickly and effectively removes chewing gum, laundry stains, crayon, wax and more.

Stk.	Mfr.	Size	Price
<b>943266</b>	GGHS12	12 oz.	<b>WEB</b>



### Graffiti Remover

**Krud Kutter** Ultimate spray paint graffiti remover works on most hard, soft and porous surfaces. Removes acrylic, acrylic enamel, aerosol paint, enamel, high gloss, oil lacquers, primers, sealers, semi-gloss, Speed-E-Namels, stain killers, super enamels, urethane and water-based enamels, plus permanent markers, ink, lipstick, crayon and shoe dye. Environmental-

ly-friendly water-based, nontoxic, non-flammable, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
<b>889335</b>	GR01	1 Gal.	<b>WEB</b>



### Tough Task Remover

**Krud Kutter** Safely removes chewing gum, masking tape, printer's ink, soap scum, scuff marks, food stains, crayons, grease, oil, stickers, ink, shoe polish, wax, most glues, lipstick, tar and more. Environmentally-friendly, water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
<b>889348</b>	KR01	1 Gal.	<b>WEB</b>



### Tough Task Citrus Remover

**Krud Kutter** Commercial-strength formula safely and easily removes chewing gum, dried latex paint, stickers, tape, glue, ink, crayon, shoe polish, tar, asphalt, oil, grease, lipstick, soap scum, mildew, cosmetics. Not for use on leather, wood or other varnished surfaces. Environmentally-friendly cleaner is nontoxic, nonabrasive, nonflammable and biodegradable.

Stk.	Mfr.	Size	Price
<b>889343</b>	KC32	32 oz.	<b>WEB</b>



### Disinfecting Wipes

**Clorox** Disinfecting wipes that kill 99.9% of viruses and bacteria, including E. coli, Salmonella, SARS-CoV-2 (the virus that causes COVID-19), Staph, Strep, and more. Count on these powerful disinfecting wipes for daily classroom cleanup to keep your students safe. EPA-registered. Prevents bacteria growth for up to 24 hours.

Stk.	Mfr.	Size	Price
<b>943573</b>	01628	75 ct.	<b>WEB</b>



### Instant Hand Sanitizer

**Purell** Kills 99.9% of germs on hands, including Staphylococcus aureus, Escherichia coli and Staphylococcus epidermis. Fragrance-free, dye-free gel formulation.

Stk.	Mfr.	Size	Price
<b>968073</b>	9652-12	8 oz.	<b>WEB</b>



### Hand Sanitizer Pump Spray

**Blaster Chemical** Blaster Hand Sanitizer is an alcohol anti-septic 80% non-sterile, topical solution. It is recommended for use to help reduce bacteria that can potentially cause disease.

Stk.	Mfr.	Size	Price
<b>249000</b>	8-HS-SPRY	8.5 fl. oz.	<b>WEB</b>



### Lava Bar Soap

**Lava** The original pumice powdered heavy-duty hand cleaner. Cleans away grease, oil, tar, ink, paint, adhesives, caulk and lubricants.

Stk.	Mfr.	Size	Qty.	Price
<b>618719</b>	10085	5.75 oz.	1	<b>WEB</b>



### Go-Jo® Original Formula™ Hand Cleaner

**Go-Jo** Creme formula contains soothing emollients. Removes heavy grease, tar and oil. Rub, then wipe clean with towel or rinse off.

Stk.	Mfr.	Size	Type	Price
<b>968040</b>	1115-06	4.5 lb.	Plastic Cartridge	<b>WEB</b>



### Go-Jo® Natural Orange™ Smooth Hand Cleaner

**Go-Jo** Quick-acting lotion formula for cleaning industrial soils, medium dirt and grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
<b>968014</b>	0945-04	1 gal.	Bottle w/Pump	<b>WEB</b>
<b>968015</b>	0947-12	14 oz.	Squeeze Bottle w/Nail Brush	<b>WEB</b>



### Go-Jo® Natural Orange™ Pumice Hand Cleaner

**Go-Jo** Quick-acting lotion with pumice scrubbing particles clean industrial soils, medium dirt and grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
<b>968017</b>	0955-02	1 gal.	Bottle w/Pump	<b>WEB</b>
<b>968018</b>	0957-12	14 oz.	Squeeze Bottle w/Nail Brush	<b>WEB</b>



### Go-Jo® Fine Italian Pumice Hand Cleaner

**Go-Jo** Creme formula fine pumice particles for extra cleaning action. Removes heavy grease, tar and oil.

Stk.	Mfr.	Size	Type	Price
<b>968045</b>	1135-06	4 lb.	Plastic Cartridge	<b>WEB</b>



### Go-Jo® Cherry Gel Pumice Hand Cleaner

**Go-Jo** Gel-style hand cleaner with pumice scrubbers and a cherry fragrance.

Stk.	Mfr.	Size	Type	Price
<b>968052</b>	2356-04	1/2 gal. Bottle w/Pump		<b>WEB</b>



### Reusable Tack Cloth

**Rubberset** Reusable, bleached tack cloth removes dust and lint for super smooth finish, before application of lacquer, enamel, varnish or shellac.

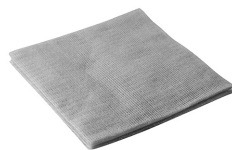
Stk.	Mfr.	Size	Price
<b>532813</b>	115829000	18" x 36"	<b>WEB</b>



### Micro-Fiber Dry Tack Cloth

**NORTON** For general dry applications. Works best when sprayed with a light water mist to deep clean. Can be washed 300+ times without losing its cleaning and trapping abilities.

Stk.	Mfr.	Size	Price
<b>600509</b>	06038	16" x 16"	<b>WEB</b>



### Tack Cloth

**Trimaco** Excellent for cleaning and removing dust between coats of paint or stain and is reusable. Also a favorite in the automotive industry.

Stk.	Mfr.	Size	Price
<b>942868</b>	10501	18" x 36"	<b>WEB</b>



### Wiping Cloths

**Kimberly-Clark** Cloth-like towels for heavy cleaning or polishing. 12" x 15" white cloths. Ideal for cleaning jobs. 56 sheets/pkg.

Stk.	Mfr.	Qty.	Price
<b>482779</b>	05701	18 pkg./case	<b>WEB</b>



### Shop Towel Roll

**Scott** Shop towel roll is ideal for cleaning up the toughest grease, grime & solvents. Heavy-duty, disposable and reusable. Reinforced with synthetic innovative Hydroknit technology. 3 times stronger when wet.

Stk.	Mfr.	Qty.	Price
<b>943312</b>	32992	60 ct. roll	<b>WEB</b>



### Mechanic's Shop Towels

**Clean Rite** 100% cotton shop towels for oil and grease spills or general cleanup. Red. 13" x 14".

Stk.	Mfr.	Qty.	Price
<b>943303</b>	3-542	25/pkg.	<b>WEB</b>



### Cotton Shop Towels

**Adenna** These red, 100% cotton shop towels are ideal for removing dirt and grime from tools and parts or wiping up oil, grease and lubricants. They're extremely absorbent, extra soft, and clear coat safe. Hemmed for extra strength, toss them in the washer and dryer for using again.

14" x 14". 25 lb. box.

Stk.	Mfr.	Size	Price
<b>120183</b>	541-25	25 lbs.	<b>WEB</b>



### TaskBrand® Premium Wipes

**Adenna** White, medium-duty hydrospun substrate wipes are durable and absorbent with a cloth-like feel. Low lint and solvent resistant. Use for automotive paint prep, solvent application, lubricants, glass and mirror cleaning, general hand wiping.

White. 9" x 16-3/4".

Stk.	Mfr.	Qty.	Price
<b>120320</b>	P060IDW	125/pkg.	<b>WEB</b>



### White Rags in a Box

**Scott** The strength of cloth with the absorbency of a sponge. Pop-up dispenser box.

Stk.	Mfr.	Qty.	Price
<b>942724</b>	75240	85	<b>WEB</b>
<b>942725</b>	75260	200	<b>WEB</b>



### Exact Cuts Shop Towels

**Intex** Exact cut T-shirt rags for painting and staining. Each 14" x 16" cloth comes without seams, holes or ragged, stringy edges. Prewashed for super absorbency and low lint.

Stk.	Mfr.	Qty.	Price
<b>942903</b>	W-30005	30	<b>WEB</b>



### New White Unwashed Knit Wipers

**Adenna** These unwashed knit wipers are made from new white t-shirt mill-end material and have lower water absorbency. Fabric content can vary from cotton to cotton blends and jersey or smooth knit.

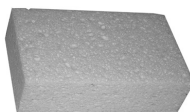
Stk.	Mfr.	Size	Price
<b>120180</b>	455-25	25 lbs.	<b>WEB</b>



### Contractor's Choice Shop Towels

**Intex** Lint-free rags for painting, staining, polishing and cleaning. White washed and bleached all new cotton T-shirt rags are extra absorbent and soft.

Stk.	Mfr.	Size	Price
<b>942901</b>	6414-10	8 lb.	<b>WEB</b>



### Commercial Sponge

**3M** Extra-large, highly-absorbent cellulose sponge is durable and less likely to fall apart.

Stk.	Mfr.	Size	Price
<b>943246</b>	7456-T	7.5"L x 4.4"W x 2"H	<b>WEB</b>



### Scotch-Brite™ Scouring Pads

**3M** Non-rusting and resilient, this synthetic pad is an ideal replacement for steel wool or stainless steel scrubbers. Not recommended for use on polished or easily scratched surfaces.

Stk.	Mfr.	Size	Qty.	Price
<b>590275</b>	96	6" x 9"	20	<b>WEB</b>

## TAPE



### Scotch-Blue™ Painter's Tape

**3M Scotch** Leaves no adhesive transfer or surface damage for up to 14 days, even in direct sunlight. Medium adhesion tape is ideal for painted walls, trim, woodwork, glass and metal.

Stk.	Mfr.	Width	Length	Price
<b>590250</b>	2090-18EC	3/4"	60 yd.	<b>WEB</b>
<b>590246</b>	2090-24AP	1"	60 yd.	<b>WEB</b>
<b>590247</b>	2090-48MP	2"	60 yd.	<b>WEB</b>
<b>590248</b>	2090-72NC	3"	60 yd.	<b>WEB</b>



### Tartan™ Masking Tape

**3M Tartan** Tape is designed for labeling, wrapping and other jobs where pressure-sensitive tape is needed. Use for non-critical painting applications. It should be removed within 4 hours. It should not

be applied to wallpaper, unpainted wallboard or ceiling tile.

Stk.	Mfr.	Width	Length	Price
<b>590226</b>	5142-18E	3/4"	60 yd.	<b>WEB</b>
<b>590228</b>	5142-24A	1"	60 yd.	<b>WEB</b>
<b>590230</b>	5142-36A	1-1/2"	60 yd.	<b>WEB</b>
<b>590232</b>	5142-48A	2"	60 yd.	<b>WEB</b>



### General Use Masking Tape 201+

**3M** Light-to-medium duty tape sticks to many surfaces and removes cleanly with no residue.

Stk.	Mfr.	Width	Length	Price
<b>590225</b>	201	1/2"	60 yd.	<b>WEB</b>

## SCRAPERS & PUTTY KNIVES



### Utility & Window Blade Scraper

**Stanley** Quickly and easily scrape paint from windows, mirrors, tiles, and other flat surfaces with this uniquely designed polypropylene molded scraper.

**Includes** 1 blade.

Stk.	Mfr.	Length	Price
<b>851900</b>	28-593	7"	<b>WEB</b>



### Razor Blade Paint Scraper



**Stanley** Remove paint, glue, putty or adhesives from glass, tile, walls, floors and more. Blade retracts for easy storage. Accepts standard single edge razor blades.

**Includes** 5 blades.

Stk.	Mfr.	Length	Price
<b>851870</b>	28-500	4"	<b>WEB</b>

### Glass Scraper

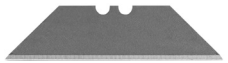


**Master Painter** Steel safety glass scraper with retractable blade for light-duty scraping jobs.

**Includes** 5 blades.

Stk.	Mfr.	Price
<b>943162</b>	GS	<b>WEB</b>

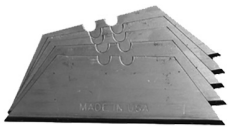
### Heavy-duty Utility Knife & Scraper Blades



**Master Mechanic** Fits all .025 Retractable Utility Knives and Window Blade Scrapers.

Stk.	Mfr.	Qty.	Price
<b>942848</b>	704512	5	<b>WEB</b>
<b>942850</b>	704583	100	<b>WEB</b>

### Utility Knife & Scraper Blades



**Lutz** Heavy-duty .025 gauge blade.

Stk.	Mfr.	Qty.	Price
<b>511312</b>	30092	5	<b>WEB</b>

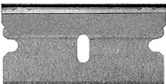
### Heavy-duty Utility Knife Blades



**DEWALT** Precision-ground geometry & induction-hardening gives a 35% sharper, 75% longer cutting edge. Heat-treated blades are 20% stronger. Fits all .025 knives & window scrapers.

Stk.	Mfr.	Qty.	Price
<b>243408</b>	DWHT11004	75	<b>WEB</b>

### Single Edge Razor Blades



**Master Mechanic** Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

Stk.	Mfr.	Qty.	Price
<b>943279</b>	741330	10	<b>WEB</b>
<b>942846</b>	521013	100	<b>WEB</b>

### Cabinet Scraper Blades



**Two Cherries** Steel scrapers ideal for refinishers.

Stk.	Mfr.	Size	Price
<b>768840</b>	520-5005	0.6mm Rectangle	<b>WEB</b>
<b>768841</b>	520-5010	0.8mm Rectangle	<b>WEB</b>
<b>768842</b>	520-5060	0.7mm Curved	<b>WEB</b>
<b>768843</b>	520-5070	0.7mm Gooseneck	<b>WEB</b>

**3-Piece Set Includes** 0.8mm rectangle, curved & gooseneck.

Stk.	Mfr.	Size	Price
<b>768844</b>	520-5510		<b>WEB</b>



### Scrapper Set

**Shop Fox** Remove tool marks and prepare wood surfaces for finishing with this scraper set. 2 of the scrapers have rounded edges to prevent accidental "digging" in your work.

**Includes** 3 rectangular (fine, medium, heavy cutting), concave/convex, gooseneck and beveled edge scraper.

Stk.	Mfr.	Price
<b>785691</b>	D3294	<b>WEB</b>



### Cabinet Scraper

**Kunz** Use for final cleaning and finishing of most hardwoods (especially cross-grained or curly-grained wood). Tough high-carbon steel blade with a 90° edge angle. Body of fine, gray cast iron, with epoxy coating for durability. Finely ground 3-3/8"W base.

Stk.	Mfr.	Blade	Price
<b>768856</b>	580-2000	2-3/4"W	<b>WEB</b>

### Replacement Blade

Stk.	Mfr.	Blade	Price
<b>768857</b>	580-2005	2-3/4"W	<b>WEB</b>

### Plastic Handle Putty Knife



**Master Painter** High carbon, blade is lacquered to prevent rust and extends through handle. Sturdy solvent resistant handle.

Stk.	Mfr.	Blade	Price
<b>943391</b>	4823TV	1-1/2"W Stiff	<b>WEB</b>
<b>943392</b>	4824TV	1-1/2"W Flexible	<b>WEB</b>

### Wood Handle Putty Knives



**Stanley** Steel blade is hardened, tempered and polished. Full tang blade permanently fastened to hardwood handle.

Stk.	Mfr.	Blade	Price
<b>851880</b>	28-540	1-1/4"W Flexible	<b>WEB</b>
<b>851881</b>	28-541	1-1/4"W Stiff	<b>WEB</b>
<b>851883</b>	28-543	3"W Stiff	<b>WEB</b>

### Nylon Handle Steel Blade Putty Knives



**Stanley** Steel blade hardened, tempered and polished. Full tang blade permanently fastened to shatter-proof handle. Available with stiff blade or full flexible taper ground blade.

Stk.	Mfr.	Blade	Price
<b>851519</b>	28-140	1-1/4"W Stiff	<b>WEB</b>
<b>851586</b>	28-240	1-1/4"W Flexible	<b>WEB</b>

### Nylon Handle Putty Knife



**Master Painter** Black nylon, solvent resistant handle designed for maximum safety and dependability. High carbon, precision steel blade is lacquered to prevent rust and extends through handle. Brass plated, solid steel nail setting head.

Stk.	Mfr.	Blade	Price
<b>943393</b>	4201TV	1-1/4"W Stiff	<b>WEB</b>
<b>943394</b>	4202TV	1-1/4"W Flexible	<b>WEB</b>
<b>943395</b>	4209TV	3"W Stiff	<b>WEB</b>
<b>943396</b>	4210TV	3"W Flexible	<b>WEB</b>



### Chisel Putty Knife

**Hyde** Heavy-duty stiff blade for scraping paint and removing putty in tight areas. High carbon steel blade with chisel edge and durable nylon handle. Full-tang blade.

Stk.	Mfr.	Blade	Price
<b>482272</b>	02200	1-5/16"W Stiff	<b>WEB</b>



### Plastic Blade Putty Knives

**Linzer** White plastic putty knife with beveled edge.

Stk.	Mfr.	Blade	Price
<b>504040</b>	7150	1-1/2"W Flexible	<b>WEB</b>
<b>504041</b>	7200	2"W Flexible	<b>WEB</b>
<b>504042</b>	7300	3"W Flexible	<b>WEB</b>



### 6-in-1 Painter's Tool

**Master Painter** High carbon, precision ground steel blade is lacquered to prevent rust and extends through handle. Black nylon, solvent resistant handle. Brass plated, solid steel nail-setting head.

Stk.	Mfr.	Price
<b>943397</b>	4251TV	<b>WEB</b>



### Bent Pole Scraper

**Master Painter** High-carbon steel blade is bent to help reach high surfaces. Fits any standard threaded broom handle or extension pole.

Stk.	Mfr.	Blade	Price
<b>943388</b>	3016TV	3"W	<b>WEB</b>



### Four-Edge Hand Scrapers

**Master Painter** Carbon steel blade. Soft-grip handle.

Stk.	Mfr.	Item	Blade	Qty.	Price
<b>943304</b>	FE2	Scraper	1-1/2"L		<b>WEB</b>
<b>943305</b>	22B	Replacement Blade	1-1/2"L	2/pkg.	<b>WEB</b>
<b>943170</b>	F4	Scraper	2-1/2"L		<b>WEB</b>
<b>943171</b>	42B	Replacement Blade	2-1/2"L	2/pkg.	<b>WEB</b>



### Triangular Scraper

**Marshalltown** High-quality detail scraper for molding contours, carved woodwork, cracks and seams. 9" balanced handle.

Stk.	Mfr.	Blade	Qty.	Price
<b>528345</b>	E1241	2-1/4"W	1	<b>WEB</b>

### Replacement Blade

Stk.	Mfr.	Blade	Qty.	Price
<b>528343</b>	E1242	2-1/4"W	1	<b>WEB</b>



### Glue Scraper

**Robert Larson** Quickly clean up glue joints with this heavy-duty, high-quality steel blade scraper.

Stk.	Mfr.	Blade	Qty.	Price
<b>768859</b>	580-2175	2-3/8"W	1	<b>WEB</b>

### Replacement Blade

Stk.	Mfr.	Blade	Qty.	Price
<b>768860</b>	580-2176	2-3/8"W	1	<b>WEB</b>

## BRUSHES & ROLLERS

### White China Bristle Brushes



**Linzer** Flat trim disposable brush for paints, varnish, chip and touch-up. Steel ferrule, wood handle.

Stk.	Mfr.	Width	Trim	Thickness	Price
<b>503994</b>	1550-1	1"	1-3/4"	3/8"	<b>WEB</b>
<b>503995</b>	1550-1-1/2	1-1/2"	1-3/4"	7/16"	<b>WEB</b>
<b>503996</b>	1550-2	2"	2"	1/2"	<b>WEB</b>
<b>503997</b>	1550-2-1/2	2-1/2"	2"	1/2"	<b>WEB</b>
<b>503998</b>	1550-3	3"	2"	1/2"	<b>WEB</b>
<b>503999</b>	1550-4	4"	2-1/4"	1-1/4"	<b>WEB</b>

### Economy

Stk.	Mfr.	Width	Trim	Thickness	Price
<b>504002</b>	1500-1/2	1/2"	1-1/2"	1/4"	<b>WEB</b>
<b>504003</b>	1500-1	1"	1-1/2"	5/16"	<b>WEB</b>
<b>504004</b>	1500-1-1/2	1-1/2"	1-1/2"	5/16"	<b>WEB</b>
<b>504005</b>	1500-2	2"	1-1/2"	5/16"	<b>WEB</b>
<b>504006</b>	1500-2-1/2	2-1/2"	1-1/2"	3/8"	<b>WEB</b>
<b>504007</b>	1500-3	3"	1-1/2"	3/8"	<b>WEB</b>



### Chip Brush Set

**Linzer** For epoxies, resins and paint removers. Natural wood handle. White Chinese bristles and steel ferrule.

### 3-Piece Set Includes 1", 2", 3".

Stk.	Mfr.	Price
<b>504044</b>	A1510	<b>WEB</b>

### 3-Piece Set Includes 1/2", 1", 2".

Stk.	Mfr.	Price
<b>504043</b>	A1505	<b>WEB</b>



### Oval Sash Brushes

**Linzer** Black china bristle. Clear lacquered wood handle. Seamless steel ferrule.

Stk.	Mfr.	Trim	Thickness	Price
<b>504025</b>	2651-4	2"	3/4"	<b>WEB</b>
<b>504026</b>	2651-10	2-1/2"	1-1/8"	<b>WEB</b>



### Impact™ Angle Sash Brush

**Linzer** Poly / bristle blend, chiseled trim and sanded wood handle. For all paints, varnishes and stains. Interior/exterior use.

Stk.	Mfr.	Width	Trim	Thick.	Price
<b>504022</b>	2832-1-1/2	1-1/2"	2-1/4"	7/16"	<b>WEB</b>
<b>504023</b>	2832-2	2"	2-1/2"	1/2"	<b>WEB</b>
<b>504024</b>	2832-2-1/2	2-1/2"	2-3/4"	5/8"	<b>WEB</b>



### Black China Bristle Brushes

**Linzer** Chiseled trim brush for varnish and oil-based paints. Steel ferrule, blue plastic handle.

Stk.	Mfr.	Width	Trim	Thickness	Price
<b>504008</b>	1600-1/2	1/2"	1-3/8"	1/4"	<b>WEB</b>
<b>504009</b>	1600-1	1"	1-5/8"	5/16"	<b>WEB</b>
<b>504010</b>	1600-1-1/2	1-1/2"	1-5/8"	5/16"	<b>WEB</b>
<b>504011</b>	1600-2	2"	1-5/8"	5/16"	<b>WEB</b>
<b>504012</b>	1600-2-1/2	2-1/2"	1-5/8"	3/8"	<b>WEB</b>
<b>504013</b>	1600-3	3"	1-5/8"	3/8"	<b>WEB</b>



### Poly/Nylon Bristle Brushes

**Linzer** Chiseled trim brush for varnish and all paints. Steel ferrule, ivory plastic handle.

Stk.	Mfr.	Width	Trim	Thickness	Price
<b>504017</b>	1820-1	1"	2-1/8"	3/8"	<b>WEB</b>
<b>504018</b>	1820-2	2"	2-1/4"	7/16"	<b>WEB</b>
<b>504019</b>	1820-3	3"	2-1/2"	1/2"	<b>WEB</b>



### Polyester Paint and Stain Brush

**Linzer** Polyester filament brush for all paints and stains. Chiseled trim, natural wood handle, brass ferrule.

Stk.	Mfr.	Width	Thick.	Length	Price
<b>504066</b>	1140-1	1"	7/16"	2-1/4"	<b>WEB</b>
<b>504067</b>	1140-1-1/2	1-1/2"	1/2"	2-1/2"	<b>WEB</b>
<b>504068</b>	1140-2	2"	9/16"	2-3/4"	<b>WEB</b>
<b>504069</b>	1140-2-1/2	2-1/2"	5/8"	3"	<b>WEB</b>
<b>504070</b>	1140-3	3"	11/16"	3-1/4"	<b>WEB</b>



### Polyester Bristle Brushes

**Linzer** Chiseled trim brush for varnish and latex paints. Steel ferrule, ivory plastic handle.

Stk.	Mfr.	Width	Trim	Thickness	Price
<b>503990</b>	1105-1	1"	2"	3/8"	<b>WEB</b>
<b>503991</b>	1105-1-1/2	1-1/2"	2"	7/16"	<b>WEB</b>
<b>503992</b>	1105-2	2"	2"	7/16"	<b>WEB</b>
<b>503989</b>	1105-2-1/2	2-1/2"	2-1/4"	1/2"	<b>WEB</b>
<b>503993</b>	1105-3	3"	2-1/4"	1/2"	<b>WEB</b>



### Acid/Glue Brushes

**Weiler** Disposable brush quickly applies plumber's flux and pipe dope. Also evenly spreads glue for a fail-safe glue joint. Fits into tight spots, yet covers large surfaces. Black horsehair trim. Tin ferrule, metal handle.

Stk.	Mfr.	Width	Trim	Length	Price
<b>969295</b>	44089	3/8"	3/4"	5-3/4"	<b>WEB</b>
<b>969296</b>	44090	1/2"	3/4"	5-3/4"	<b>WEB</b>

**50-Piece Includes** 6"L x 3/4" trim brushes (25 ea. of 5/16"W & 1/2"W).

Stk.	Mfr.	Width	Trim	Length	Price
<b>785616</b>	D2026				<b>WEB</b>



### Disposable Brushes

**Jen** Foam paint brushes with tapered polyfoam heads, wood handles. Use and throw way.

Stk.	Mfr.	Width	Qty.	Price
<b>485600</b>	1BX	1"	1	<b>WEB</b>
<b>485604</b>	2BX	2"	1	<b>WEB</b>
<b>485608</b>	3BX	3"	1	<b>WEB</b>
<b>485612</b>	4BX	4"	1	<b>WEB</b>
<b>485601</b>	1BK	1"	1,200	<b>WEB</b>
<b>485605</b>	2BK	2"	600	<b>WEB</b>
<b>485609</b>	3BK	3"	460	<b>WEB</b>
<b>485614</b>	4BK	4"	252	<b>WEB</b>



### Foam Brushes

**Jen** Smooths out paint and covers correctly with fewer strokes, eliminating brush marks or loose bristles so that even the inexperienced users can achieve reliable, professional results.

Ideal for the application of enamel, latex, oil paints, stain and varnish.

**Not recommended for shellac or lacquer.**

Stk.	Mfr.	Width	Qty.	Price
<b>485620</b>	1MP	1"	4	<b>WEB</b>
<b>485621</b>	2MP	2"	3	<b>WEB</b>
<b>485622</b>	3MP	3"	2	<b>WEB</b>
<b>485623</b>	4MP	4"	2	<b>WEB</b>

**3-Piece Includes** 1", 2" & 3".

Stk.	Mfr.	Width	Qty.	Price
<b>485624</b>	EPBX			<b>WEB</b>



### Rol-Rite Disposable Roller

**Linzer** General-maintenance utility roller with knit fabric cover and 2-ply polypropylene core. Use for all paints and stains.

Stk.	Mfr.	Length	Nap	Type	Price
<b>504050</b>	RR925-9	9"	1/4"	Smooth	<b>WEB</b>
<b>504051</b>	RR938-9	9"	3/8"	Semi-Smooth	<b>WEB</b>
<b>504052</b>	RR950-9	9"	1/2"	Semi-Rough	<b>WEB</b>



### Disposable Roller

**Jen** For all smooth surfaces, ideal for enamel, latex, stain, oil paints and varnish. Not for shellac or lacquer.

Rollers smooth out the paint and cover correctly with fewer strokes. 9" rollers fit all standard holders.

Stk.	Mfr.	Length	Qty.	Price
<b>485615</b>	9RBX	9"	1	<b>WEB</b>



### Paint Roller Trays & Liners

**Linzer** 1 qt. paint tray with ladder lock legs. Use with 7" to 9" rollers.

#### Metal tray

Stk.	Mfr.	Price
<b>504053</b>	RM400	<b>WEB</b>

#### Plastic liner

Stk.	Mfr.	Price
<b>504055</b>	RM410	<b>WEB</b>

**Plastic tray** For RM400. Does not fit RM403.

Stk.	Mfr.	Price
<b>504054</b>	RM403	<b>WEB</b>



### 9" Paint Roller Frames

**Linzer**

**Contractor** 5-wire cage, 5/16" rod & threaded, plastic grip w/metal ferrule.

Stk.	Mfr.	Price
<b>504057</b>	RF209-9	<b>WEB</b>

**Economy** 4-wire cage, 1/4" rod & threaded plastic grip.

Stk.	Mfr.	Price
<b>504056</b>	RF200-9	<b>WEB</b>



### Heavy-duty Brush & Roller Cleaner

**Linzer** High-speed spinning action cuts

clean-up time. Thoroughly cleans roller covers & brushes. All-steel construction w/double ball bearings.

Stk.	Mfr.	Price
<b>504058</b>	6006	<b>WEB</b>



### Wire Brushes

**Weiler** For removing rust, scale, paint, solder, cleaning threads, files, metal parts and castings.

#### Curved Handle

Stk.	Mfr.	Brush	Rows	Trim	Block Size	Price
<b>969292</b>	44053	5-1/2"	3 x 19	1-3/16"	14" x 7/8"	<b>WEB</b>

#### Shoe Handle

Stk.	Mfr.	Brush	Rows	Trim	Block Size	Price
<b>969293</b>	44063	5"	4 x 16	1-3/16"	10" x 1-1/8"	<b>WEB</b>

## PAINTING & FINISHING TOOLS



### Heavy-Duty Plastic Drop Cloth

**Linzer** Heavy-duty 3 mil plastic drop cloth for indoor and outdoor use. Smooth, waterproof.

Stk.	Mfr.	Size	Price
<b>504046</b>	KL-900	10' x 20'	<b>WEB</b>



### Heavy-Duty Plastic Drop Sheet

**Linzer** Heavy-duty 1.5 mil plastic drop cloth for indoor and outdoor use. Smooth, waterproof.

Stk.	Mfr.	Size	Price
<b>504045</b>	KL-600	9' x 12'	<b>WEB</b>



### Quick-Mix® Mixer

**Marshalltown** Ideal for stirring and blending paint, drywall mud and acoustic quickly and lump free. Blade is securely welded to a 3/8" hex shaft.

Stk.	Mfr.	Length	Price
<b>528565</b>	819	28"	<b>WEB</b>



### Mud and Paint Mixer

**Master Painter** Coated-steel paint mixer fits all 3/8" power drills. Mixes 1-5 gallon paints quickly. Shaft 17"L.

Stk.	Mfr.	Price
<b>943387</b>	4040TV	<b>WEB</b>



### Pail Opener

**Linzer** Open plastic pails and buckets without damaging seal. Use to open joint compound, driveway sealer, and bulk paint containers. Rugged polypropylene construction. No moving parts. Also use as a pail hook.

Stk.	Mfr.	Price
<b>482254</b>	5425	<b>WEB</b>



### Paint Can Lid Opener

**Linzer** Gallon metal paint can lid and bottle opener.

Stk.	Mfr.	Price
<b>504030</b>	5421	<b>WEB</b>



### Half-Barrel Caulk Gun

**Red Devil** Holds most standard cartridges. 1/10th gallon, half-barrel with smooth rod and quick release mechanism. Use for light to medium applications of glazing, sealants, caulks and other cartridge products.

Stk.	Mfr.	Price
<b>532804</b>	3985	<b>WEB</b>



### Skeleton Caulk Gun

**Red Devil** Fits all standard cartridges. 1/10th gallon, heavy-duty uni-rail construction with hex piston rod and quick release lever. Use for light to medium applications.

Stk.	Mfr.	Price
<b>532803</b>	3986	<b>WEB</b>

## DUST MASKS & RESPIRATORS



### ProWorks® Nuisance Dust Masks

**Adenna** Designed for general wear, this dust mask provides basic protection against any non-toxic dust and irritants in the air. Ideal for sanding wood and cleaning.

Size: Medium/Large.

**For comfort only. Not a respirator, does not provide lung protection.**

Stk.	Mfr.	Qty.	Price
<b>120188</b>	BP-N1000	50	<b>WEB</b>

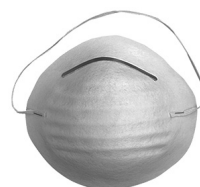


### N95

**3M** Provides reliable protection against certain non-oil based particles. Features advanced electrostatic media, adjustable nose clip and nose foam for a custom fit and secure seal. Use for handling and working with grinding, sanding, sweeping, bagging, drywall materials and dusty operations.

**For comfort only. Not a respirator, does not provide lung protection.**

Stk.	Mfr.	Qty.	Price
<b>590406</b>	8200	20	<b>WEB</b>



### Non-Toxic Dust Masks

**TruGuard** These non-toxic dust masks have a flexible metal noseband to reduce fogging in glasses. Made from latex-free and hypoallergenic material for those with sensitive skin. A heavy-duty elastic strap keeps the mask secure during use.

**Not NIOSH-Approved.**

Stk.	Mfr.	Qty.	Price
<b>943516</b>	TRUI0028549	5	<b>WEB</b>





### Safe-T-Fit Plus Respirators

**Sperian** Molded cup N95 particulate disposable respirators offer protection and comfort.

**NIOSH 42 CFR 84 approval. 95% efficiency against solid particulates & non-petroleum based liquid aerosols. Time use restrictions may apply. For comfort only. Not a respirator, does not provide lung protection.**

Stk.	Mfr.	Size	Qty.	Price
<b>475131</b>	14110388	Medium/Large	20	<b>WEB</b>



### Half-mask Respirators

**3M** Economical, lightweight respirators can be disassembled, cleaned and reused. Features soft thermoplastic elastomer facepiece, good visibility and easy-adjust head straps. Use to protect students from a variety of gases, vapors and particulate hazards (including petrochemical, chemical manufacturing, construction, transportation & electronics). When properly fitted, helps provide respiratory protection from certain organic vapors at concentrations up to 10x the Permissible Exposure Limit (PEL).

**Meets NIOSH standard. 2 filters required for each mask, sold separately.**

Stk.	Mfr.	Size	Qty.	Price
<b>942682</b>	6200	Medium	1	<b>WEB</b>
<b>942683</b>	6300	Large	1	<b>WEB</b>



### Organic Vapor Cartridges

**3M** NIOSH approved for environments containing certain organic vapors. Use with 3M™ Half and Full Facepieces 6000, 7000 and FF400 Series with bayonet filter holders. 2 filters required for each mask.

Stk.	Mfr.	Qty.	Price
<b>590265</b>	6001	2	<b>WEB</b>



### P100 Particulate Filter 2091

**3M** Made with electrostatic media to enhance the capture of airborne particles and reduce breathing resistance. Compatible with 3M™ Series 6000, 6500/6500QL, 7500, FF-400, 7800 and Scott™ AV-3000 SureSeal Facepieces with bayonet adapter. NIOSH approved.

Stk.	Mfr.	Qty.	Price
<b>590258</b>	2091	2	<b>WEB</b>



### Twin Cartridge Respirators

**Binks** Finest quality silicone face piece for outstanding comfort, easy cleanup and long life. Will not deteriorate after repeated washing and exposure to paints and solvents. Combination cradle/neckstrap for a non-slip comfortable fit. Equipped with heavy-duty oil resistant filters for extra loading capacity.

**Includes** 2 filters & storage bag.

**Meets NIOSH 42 CFR Part 84 standard.**

Stk.	Mfr.	Size	Qty.	Price
<b>240407</b>	40-128	Medium	1	<b>WEB</b>
<b>240408</b>	40-143	Large	1	<b>WEB</b>

**Respirator Cartridges** Offers protection against certain organic vapors, lacquers & enamels. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
<b>240570</b>	40-1921		2	<b>WEB</b>

**Respirator Filters** Specially engineered heavy-duty oil resistant filters for increased respiratory protection. 2 filters required for each mask.

Stk.	Mfr.	Size	Qty.	Price
<b>240574</b>	40-1924-10		10	<b>WEB</b>



### sel-kleen™ Pre-Moistened Equipment Cleaning Packets

**Sellstrom** Anti-static, anti-fog cleaning solution impregnated in tissues. Contains no silica; scratch free. Alcohol-free pads feature the active ingredient benzalkonium chloride and will not harm even the most sensitive rubber facepieces. Convenient and easy to use single packets measure 5" x 8". Self-dispensing box may be wall mounted or rest on table.

Stk.	Mfr.	Qty.	Price
<b>772529</b>	S22185	110	<b>WEB</b>

## SPRAY BOOTHS



### Ductless Spray Booth

**Sentry** Booth provides negative-pressure hooded enclosures for the control of aerosol spray. This energy-efficient system utilizes powerful fans and high-quality filtration media to provide effective source-capture of airborne contaminants and fumes. A unique internal spray filter, HEPA filtration and activated carbon media help to protect the operator's respiratory zone while also preventing spray particulate entering the general work area. The ductless and

recirculating design of this bench top hood eliminates the need for external ducting or costly replacement air. Sound level: 61-66 dBA.

**Please specify voltage, 115V will be shipped if not specified.**

#### 30"W (inside)

Stk.	Mfr.	Volts	Phase	CFM	Price
<b>773205</b>	SS-330-DSH	115/220V	single	50-350	<b>WEB</b>

#### 40"W (inside)

Stk.	Mfr.	Volts	Phase	CFM	Price
<b>773206</b>	SS-340-DSH	115/220V	single	50-350	<b>WEB</b>



### Painting Hood and Cabinet System

**Diversified Woodcrafts** Fabricated of 18-gauge steel with a corrosion resistant, powder coat baked epoxy finish. Upper booth enclosure includes standard vapor-proof light and 2 filters set in an easy-to-change flange bracket system. Globed interior light is mounted and wired to a common junction box. Blower motor provides 100 LFM and 3/4" of static pressure. Top mounted blower is wired to common junction box. Transition piece from booth to blower is provided and connected. Light and the blower come wired to switches in front post area of booth.

Booth must be connected to duct work. Cabinet constructed of solid hardwood, solid maple and maple veneers with locking double doors and 1 adjustable shelf. Galvanized steel top.

Overall size 36"W x 24"D x 97.75"H.

**Secure cabinet to the wall for safety. Hardware not included.**

Stk.	Mfr.	Price
<b>155005</b>	8200M	<b>WEB</b>



### HSSB Bench Top Spray Booth

**Paasche** Rugged, compact, portable unit is perfect for all your hobby and craft spraying. Intended to remove larger particles from the air. When spraying materials that have strong vapors or harmful chemicals, vent exhaust outside. Made of durable, galvanized metal for easy cleaning.

115V, 1/4 HP, 1 Phase. 16"H (inside).

6" exhaust fan, duct adapter (use 4" dryer duct for exhausting), paint filter, 6' power cord and hardware.

Stk.	Mfr.	Length	Speed (cfm)	Price
<b>640370</b>	HSSB-22-16	22" (inside)	235	<b>WEB</b>
<b>640371</b>	HSSB-30-16	30" (inside)	470	<b>WEB</b>

**640371** | 2 exhaust fans, 2 duct adapters, 2 paint filters, plus cord and hardware.



### HSSB Bench Top Spray Booth Replacement Filter

**Paasche** Fits Paasche HSSB Bench Top Spray Booth Models HSSB-22-16 and HSSB-30-16.

Stk.	Mfr.	Item	Qty.	Price
<b>640296</b>	AG-8-3	Paint	3	<b>WEB</b>



### BBF Bench Top Spray Booth

**Paasche** Made of 18 gauge, galvanized steel, this unit's powerful motor filters dangerous fumes away from students. Its large size accommodates spraying of parts. Convenient, disposable fiberglass filters. Booths in single or multiple sections are ideal where space is limited.

**Includes** belt guard, draft gauge, 2 sets of filters, vent and enclosed motor.

**Must be assembled and hardwired.**

Stk.	Mfr.	Volts	HP	Phase	CFM	Price
<b>640349</b>	BBF-2-E1	115/230	1/4	1	1,100	<b>WEB</b>

### Replacement Filters

**Paasche** Convenient, disposable fiberglass filters. Fits Paasche BBF & EBF Series Bench Top Spray Booths. 12" x 25" x 2". 50/pkg.

Stk.	Mfr.	Price
<b>640299</b>	AG-12	<b>WEB</b>

## SPRAY GUNS



### HVLP Gravity Feed Spray Gun

**Campbell Hausfeld** Provides optimal atomization and particle size, for high-quality finishes. The acetal cup allows viewing of the fluid level while being chemical resistant and easy to clean. The in-line 80 mesh filter removes dirt particles, helping to prevent defects. Adjustable fluid and pattern controls. Polished body for easy clean-up with stainless steel needle and nozzle.

Recommended hose size 3/8".

Air consumption @ recommended pressure avg. 3.2 CFM @ 40 psi.

Paint viscosity low-med. Fan pattern 1.5-10". Cup size 20 fl. oz.

Weight 2.59 lbs.

Stk.	Mfr.	Air Consumption	Air Inlet	Price
<b>291108</b>	DH7900	6.0 avg. @ 40 PSI	1/4" NPS	<b>WEB</b>



### HVLP Siphon Feed Spray Gun

**Paasche** Light weight, easy-to-control, for large and small jobs. Adjustable to achieve round and flat spray patterns. Fluid tip and needle are stainless steel. Spray pattern adjustable from 12" to 1".

**Includes** 1.4mm head and 32 oz. bottle.

Stk.	Mfr.	Air Consumption	Air Inlet	Price
<b>640378</b>	LXS-14	6 CFM @ 45 PSI	1/4" NPT	<b>WEB</b>



### Gravity-Feed Spray Gun

**Campbell Hausfeld** Ideal for painting most automobiles, furniture and equipment. Its gravity-feed design and polished aluminum housing makes it easy to clean and reduces material waste. 1.5" to 9" fan pattern.

Stk.	Mfr.	Air Consumption	Air Inlet	Price
<b>291109</b>	DH5800	4.5 SCFM at 40 PSI	1/4" NPS	<b>WEB</b>



### Standard Duty Spray Gun

**Binks** Designed for spraying heavy bodied fluids such as roof coatings, block fillers, and similar materials. Drop-forged aluminum body. Plated, drop-forged brass head. Stainless steel air valve cartridge. Large air passages. Spray pattern and floating fluid needle valve are adjustable.

Weight 1 lb. 14 oz.

**Cup sold separately.**

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
<b>239255</b>	7-36X36SD	7.8 CFM @ 30 PSI	1/4" NPS	1/2" NPS	<b>WEB</b>



### 2100 Manual Air Spray Gun

**Binks** Durable, full-size spray gun for adhesives, epoxy and abrasive fluids. The curved, ergonomic grip improves operator control, balance and spray quality. Precision-machined aluminum body, brass air nozzles and nickel-plated knobs. Corrosion resistant stainless steel fluid passages designed for waterborne materials.

High trigger pivot point increases fluid flow capability. Cheater valve adjusts air at the gun.

Maximum Air Pressure 100 psi / 6.9 bar.

Maximum Fluid Pressure 100 psi / 6.9 bar. Gun weight 1 lb. 6 oz.

**Cup sold separately.**

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
<b>239380</b>	2100-66SSX66SD	5.5 CFM @ 50 PSI	1/4" NPS	3/8" NPS	<b>WEB</b>



### Siphon Feed Spray Gun

**Campbell Hausfeld** Great choice for an economical spray gun. Produces a fine finish for most automotive, furniture and equipment painting. Very low to medium paint viscosity range. 1.5"-9.5" fan pattern size. Anti-drip canister. Adjustable controls for material and pattern.

**Includes** quart cup.

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
<b>291106</b>	DH6500	7 CFM @ 40 PSI	1/4" NPS	.071" NPS	<b>WEB</b>



### General Purpose Spray Gun

**Campbell Hausfeld** General purpose spray gun changes from siphon to pressure-feed for use with a variety of materials, including latex, lacquer and enamel paint, stain and primer. Fluid control regulates the amount of material sprayed. Convertible from non-bleeder to bleeder style for use with standard or tankless air compressors; also works with paint tanks and remote canisters for large paint jobs.

Fan Pattern 6.5". Fluid Nozzle 1.3mm. Weight 2.6 lbs.

**Includes** 1 qt. cup and internal and external mix air caps.

Stk.	Mfr.	Air Consumption	Air Inlet	Fluid Inlet	Price
<b>291105</b>	DH4200	2 CFM @ 40 PSI	1/4" NPS	3/8" NPS	<b>WEB</b>



### Krud Kutter Parts Washer Cleaner/Degreaser

**Krud Kutter** Safe alternative to hazardous cleaning chemicals such as mineral spirits and other solvents. Multi-purpose formula, with Prevent-X Corrosion Inhibitor™, is designed to be used in immersion, ultrasonic, manual and spray applications. Safely and effectively removes grease, grime, oils, carbon, ink and other organic deposits.

Stk.	Mfr.	Size	Price
<b>889330</b>	EC01	1 gal.	<b>WEB</b>

## COMPRESSORS



### Airstorm Air Compressor

**Badger** The Airstorm compressor is excellent for moderate frequency use. It's a powerful, maintenance free diaphragm compressor with on/off toggle switch, suction cup feet and 6' cord. ETL certified.

Size 8-1/4"L x 5-1/2"W x 7-3/4"H. Weight 8 lbs.

**Includes** 1/8" to 1/4" hose adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
<b>222365</b>	180-15	110	1/6	57 psi	<b>WEB</b>



### D500 Air Compressor

**Paasche** Single cylinder piston compressor perfect for any hobby or artist airbrush. The maximum operating pressure is about 35 PSI, depending on airbrush being used. Auto shutoff, quiet running (47 dB), 1/4" NPT hose fitting, suction cup feet and 6' cord.

Air delivery (scfm) 0.4 @ 20 psi.

Size 14"L x 6"W x 8"H. Weight 12 lbs.

**Includes** 1/8" BPS adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
<b>640332</b>	D500	120	1/5	35 psi	<b>WEB</b>



### DC600R Airbrush Compressor

**Paasche** This dual piston compressor operates at 50 dB, is more powerful than single head compressors and has a protective metal case. Delivers 0-55 PSI (depends on airbrush being used). Auto start and shutoff, regulator/moisture trap and 1/4" NPT hose fitting.

Air output per min./liters: 35-40L/min.

Speed 1,450/1,700 RPM. Size 14" x 14" x 6". Weight 24.3 lbs.

**Includes** 1/8" BPS adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>640335</b>	DC600R	115	1/6	55 psi	.92 gal.	<b>WEB</b>

## AIRBRUSH EQUIPMENT



### Air-Opaque™ Paint

**Badger** For students wanting vibrant color with consistent results. Formulated for air brushes, technical pens and paint brushes on paper, illustration board and canvas, plus wood and Styrofoam® models. Ready-to-use paints are quick drying, water resistant, pre-reduced, colorfast, water-based, nontoxic, nonflammable, noncarcinogenic. Mix paints for more colors.

**Primary Set Includes** crimson, yellow, blue, green, brown, black, white.

Stk.	Mfr.	Size	Colors	Price
<b>222359</b>	701	1 oz.	7	<b>WEB</b>

**Secondary Set Includes** scarlet, magenta, orange, violet, indigo, aqua, turquoise.

Stk.	Mfr.	Size	Colors	Price
<b>222360</b>	702	1 oz.	7	<b>WEB</b>



### Model 350 Airbrush Set

**Badger** Air and paint mix outside the airbrush, creating a larger, coarser "dot" pattern and providing a heavier spray volume. An excellent choice for beginning students, ceramists and automotive painters. Sprays high viscosity materials such as ceramic glazes and stains, and hobby enamels with ease. It is also effectively used with properly reduced acrylics, inks, dyes, watercolors, acrylic lacquers, enamels, Air-Opaque™, Air-Tex®, Spectra-Tex® and MODELflex® airbrush colors.

**Includes** 3 fluid tips and needle assemblies, 3/4 oz. jar, 2 oz. jar with cover, 8' braided air hose, 1/4" pipe thread fitting and wrench.

Stk.	Mfr.	Price
<b>222355</b>	350-4	<b>WEB</b>



### Model 360 Universal® Airbrush

**Badger** The Universal airbrush is capable of performing in a gravity feed as well as a bottom feed mode. Never before has one airbrush provided so much versatility. Single nozzle/needle sprays from pencil lines to 3" spray

pattern. Designed for spraying acrylics to watercolors, inks to lacquers, Air-Opaque™, Air-Tex®, MODELflex®, Totally Tattoo®, Spectra-Tex® and Totally Tan™ airbrush paints.

**Includes** all-purpose nozzle/needle, attachable jar, additional jar and cover, trigger pad and protective cap.

Stk.	Mfr.	Price
<b>222357</b>	360-1	<b>WEB</b>



### Single-Action Airbrush Set

**Paasche** This single-action airbrush features a chrome plated body for durability. The H-series single action allows the user to achieve fine lines down to 1/16" and wider patterns of up to 1-1/2". Clean up is as simple as spraying your paint cleaner through the airbrush. The H is used for many applications including hobby, craft, chip and ding repair, taxidermy, ceramics, cake decorating, tanning, tattoos, etc.

**Includes** airbrush, spray heads (1, 3, 5), 1/4 oz. metal cup, 1 oz. bottle assembly, 1 oz. storage bottle, hanger, wrench and 6' braided air hose.

Stk.	Mfr.	Price
<b>640330</b>	H-3AS	<b>WEB</b>



### Double-Action Airbrush Set

**Paasche** A popular airbrush due to its durability and ability to spray most material whether thick or thin. The stainless steel needle and nickel silver tip handle water based or solvent based mediums. The VL airbrush offers versatility with 3 interchangeable head sizes. This model can achieve spray patterns from fine detail to broader coverage handling light, medium and heavy fluids.

**Includes** airbrush, spray heads (1, 3, 5), 1 oz. bottle assembly, 1/4 oz. metal cup, 1 oz. storage bottle, 6' braided hose, hanger and wrench.

Stk.	Mfr.	Price
<b>640331</b>	VL-3AS	<b>WEB</b>



### Anthem Airbrush Set

**Badger** The 2-angle needle tip precisely mates with the Anthem's cone shaped nozzle enabling a single needle/nozzle configuration to spray virtually any desired material, thus eliminating the need for fine, medium, or large needle/noz-

zle variations. Single needle/nozzle for spraying all mediums, inks, dyes, watercolors, acrylics, enamels, lacquers, glazes, latex, Air-Opaque, Air-Tex®, MODELflex®, Totally Tattoo® and Totally Tan colors. Single needle/nozzle sprays pencil lines to 3" spray pattern.

**Includes** airbrush, 1/4 oz. color cup, jar adapter, two 2 oz. jars, 3/4 oz. jar and 6' braided air hose.

Stk.	Mfr.	Price
<b>222356</b>	155-7	<b>WEB</b>



### Crescendo® Airbrush Set

**Badger** Designed by professionals for professional production airbrushing. Spray regulators and tips change easily for greater flexibility on the fly. Snap-off handle allows for quick needle changes and cleaning. It sprays properly reduced acrylics, enamels, lacquers, gouaches, fabric colors, inks, dyes, ceramic colors and glazes, watercolors, Air-Opaque, Air-Tex®, MODELflex®, Totally Tattoo® and Totally Tan airbrush colors.

**Includes** airbrush, 3 tips, spray regulators and needles (fine, medium, large), 8' braided air hose, 3/4 oz. jar and cover, 2 oz. paint jar and cover, 1/4 oz. metal color cup and protective cap.

Stk.	Mfr.	Price
<b>222352</b>	175-7	<b>WEB</b>



### Single Action Airbrush with Compressor

**Paasche** This kit combines the Paasche single action H-SET, D500SR compressor and AC-7 cleaning kit. H-Set airbrush is single action, internal mix, siphon fed. It can spray solvent or water based fluids.

Air volume 20 PSI @ .5 CFM.

Max. pressure 0-35 PSI (depends on airbrush).

Size 10" × 7.25" × 1.5". Weight 1.1 lbs.

**Includes** airbrush, spray head (1, 3, 5), 1 oz. bottle assembly, 1/4 oz. metal cup, 1 oz. storage bottle, 6' braided hose, hanger, wrench, compressor and 7-piece cleaning kit.

Stk.	Mfr.	Price
<b>640365</b>	H-100D	<b>WEB</b>



## HEAT GUNS

### Heat Gun



**Metabo HPT** This variable temperature heat gun is ideal for stripping paint, softening and removing adhesives, heat shrinking packaging and much more. With 5 heat settings ranging from 8.8 CFM to 17.7 CFM, and a temperature range of 120-1,200° F, this tool has the power and control needed to tackle a vast range of projects.

Weight 1.74 lbs.

**Includes** 3 nozzles (glass protector, spreader, hook, concentrator), hand-held scraper and molded case.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
<b>616625</b>	RH650VM	1,500	17.7	1,200°F	<b>WEB</b>

### LCD Heat Gun



**DEWALT** LCD allows temperature adjustments within 50° increments. Features overload protection to shut down heating element (preventing burn up), ergonomic comfort grip, kickstand and hang ring. 120V, 13 amps. Weight 2.3 lbs.

**Includes** 10' cord with protector, cone and fishtail surface nozzles.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
<b>242852</b>	D26960	1,550	17.7 CFM	150° - 1,100°F	<b>WEB</b>

### 1500W Heat Gun



**PORTER+CABLE** Variable temperature dial allows for easy adjustment of temperatures. Integrated support stand allows the gun to sit upright for hands free use. Hanging hook is ideal for storage. 6' high grade cord improves flexibility during cold use.

Weight 2 lbs.

Stk.	Mfr.	Watts	Air Flow	Max. Temp.	Price
<b>626673</b>	PC1500HG	1,500	19 CFM	120° - 1,150°F	<b>WEB</b>

## ENGRAVERS

### Cordless Power Precision Engraver



**General** Powerful 20,000 RPM motor for engraving in glass, metal, ceramic and plastic. Aluminum body offers superior durability and the ergonomic grip provides comfort and ease-of-use. Uses standard 3/32" engraving bit.

**Includes** 2 AAA batteries.

Stk.	Mfr.	Price
<b>418500</b>	505	<b>WEB</b>

### Electric Engraver Kit



**DREMEL** Writes like a pencil on any material from glass to steel. Calibrated stroke adjustment dial regulates depth of engraving from fine lines to deep marks.

**Includes** carbide point and letter/number template.

Stk.	Mfr.	Price
<b>343080</b>	290-02	<b>WEB</b>

### Engraver Replacement Point



**DREMEL** For Electric Engraver Models 290-01 and 290-02.

Stk.	Mfr.	Item	Qty.	Price
<b>344120</b>	9924	Carbide	1	<b>WEB</b>
<b>344125</b>	9929	Diamond	1	<b>WEB</b>

## OSCILLATING MULTI-TOOLS



### Oscillating Multi-Tool

**Black & Decker** Variable speed oscillating multi-tool sands, cuts, scrapes. VS dial has 6 speed settings to deliver precision performance.

Comfort grips provide better handling and control. 1.4° oscillating angle. Included adapter fits most manufacturer's accessories. Tool free release makes accessory changes quick and easy.

**Includes** 1" wood/metal blade, 12 sandpaper sheets, sanding base, universal accessory adapter kit and storage bag.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
<b>246051</b>	BD200MTB	120	2.5	10,000- 20,000	<b>WEB</b>



### StarlockPlus® Oscillating Multi-Tool Kit

**BOSCH** Professional-grade 4 amp motor delivers up to 20,000 OPM, and provides a 3.0° oscillating arc. VS dial allows user to set the optimal speed for the task at hand and maintains the desired speed under load. Reinforced gearing for more durability, less vibration and optimal force transmission. Snap-in toolless accessory attachment and release lever no-touch, easy release blade. Compact design for reaching into corners and tight spaces.

Size 3.75"H x 11"L x 2.5"W. Weight 3.3 lbs.

**Includes** two 1-1/4" plunge blades, 3-1/2" segment blade, sanding pad, 25 sanding sheets, accessory box and bag.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
<b>259750</b>	GOP40-30B	120	4	8,000-20,000	<b>WEB</b>



### Multi-Max Cordless Oscillating Tool Kit

**BOSCH** Even the hardest projects become easy and quick with this oscillating tool. The exclusive angled body design provides greater control and is more comfortable to use. The compact front end helps reach tight spaces. The soft start feature is perfect for students because it gradually increases the speed so they can stay in control through difficult cuts.

Size 13.15"L x 2.75"H. Weight 5.5 lbs.

**Includes** battery, charger, 3 blades, dust extraction adapter and storage bag.

Stk.	Mfr.	Volts	Speed (opm)	Price
<b>343536</b>	MM20V-02	20	10,000	<b>WEB</b>



### Multi-Max Oscillating Tool Kit

**DREMEL** The Multi-Max MM35 features 3.5 amps of power to easily tackle the toughest applications. The extra-wide 3.2° angle of oscillation delivers fast and precise cuts. Variable speed 10,000-21,000 OPM allows for optimal performance and control with a variety of materials.

**Includes** drywall jab saw, wood and metal flush cut blade, hook and loop pad, 9 sanding sheets and storage bag.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
<b>343548</b>	MM35-01	120	3.5	10,000-21,000	<b>WEB</b>



### Diamond Grit Oscillating Sandpaper

**DREMEL** Designed for light grinding, shaping, and smoothing. Ideal for masonry, thin-set, mortar and rust. Requires Hook & Loop Pad MM11 or MM14, not included.

Stk.	Mfr.	Grit	Qty.	Price
<b>343555</b>	MM910	60	1	<b>WEB</b>

### Flush Cut Blade

#### DREMEL

Stk.	Mfr.	Item	Price
<b>343546</b>	MM480	1-1/4" Wood Flush Cut	<b>WEB</b>
<b>343547</b>	MM482	1-1/4" Wood/Metal Flush Cut	<b>WEB</b>

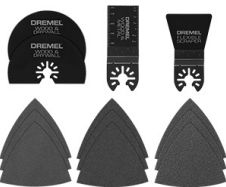


### 6-Piece Multi-Max Blade Kit

**DREMEL** Provide a universal fit for compatibility with Dremel, Bosch, Makita, Milwaukee, and Rockwell tools. Cut wood, metal, plastic, plaster, ceramic and more. High-performance flush-cut blade has 30x longer life than standard bimetal oscillating blades.

**Includes** 2 wood flush-cut blades, 2 wood and metal flush-cut blades, 2 carbide flush-cut blades, half moon wood and drywall cutting blade and storage case.

Stk.	Mfr.	Price
<b>343552</b>	MM399	<b>WEB</b>



### 13-Piece Multi-Max Accessory Kit

**DREMEL** Multi-Max blades cut and notch drywall, wood, plastic, metal and more. Scraper blades removes soft adhesives and sand paper smoothes wood.

**Includes** wood and metal flush-cut blade, flexible scraper blade, 2 wood and drywall blades, 9 wood sandpaper sheets and storage case.

Stk.	Mfr.	Price
<b>343550</b>	MM388	<b>WEB</b>



### Oscillating Multi-Material Multi-Tool Kit

**DEWALT** Powerful 3 amp motor with a Dual-Grip™ VS trigger helps to match speed to the application. The Quick-Change™ accessory system allows tool-free blade changes. Universal accessory adaptor works with most oscillating tool accessory brands. Customize the depth or

height for accurate repeatability. Bright LED illuminates dark work spaces for accurate cutting.

Oscillating Angle 1.6°. Tool size 13"L. Weight 3.1 lbs.

**Includes** 3 blades, sanding pad, 25 sheets sand paper, accessory box and storage bag.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
<b>243053</b>	DWE315K	120	3	0-22,000	<b>WEB</b>



### Oscillating Multi-Tool Kit

**PORTER+CABLE** Delivers the performance needed for tough applications, including cutting, sanding, scraping and grinding. Provides 10,000-22,000 VS oscillations per minute. Depth and cutting guide helps complete plunge and cutting tasks with speed and control. 3-position over mold provides gripping areas to improve comfort by reducing vibration. Tool-free system with 7' cord.

Oscillating Angle 2.8°. Size 11"L. Weight 3.7 lbs.

**Includes** depth/cutting guide, 3 blades, sanding platen, 25 sandpaper sheets, flexible scraper and molded case.

Stk.	Mfr.	Volts	Amps	Speed (opm)	Price
<b>626668</b>	PCE605K	120	3	10,000-22,000	<b>WEB</b>



### Skil 20V PWRCORE 20™ Multi-tool Kit

**SKIL** Built for power and performance, this oscillating multi-tool has an innovative Vibration Reduction System that isolates the motor from the body to offer 90% less vibration and increased comfort. Combined with a soft start feature, variable speed control, and constant

speed technology, your students will have full control from start to finish.

Oscillating Angle 3.6°. Tool size 12"L. Weight 2.3 lbs.

**Includes** 35 pcs. sanding paper (14x60, 14x120 and 7x180 grit), sanding pad, bi-metal blade, wood blade, segment blade, rigid scraper, battery, charger and accessory case.

Stk.	Mfr.	Volts	Speed (opm)	Price
<b>260334</b>	OS5937-10	20	11,000-17,000	<b>WEB</b>

## FINISHING SANDERS



### Skil Multi-Finish Detail Sander

**SKIL** This versatile tool is a combination detail and finishing sander. Its main pad has a surface area similar to the 1/4 sheet sander. Micro-filter dust box with micro-filter efficiently picks up dust to keep work area clean. Counterweight balance reduces vibration for improved comfort. Dust sealed rocker switch on/off control.

**Includes** 3 sandpaper sheets.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>260444</b>	SR250801	120	1	12,000	<b>WEB</b>

### Skill Multi-Finishing Sandpaper Kit

**SKIL** 15-piece sandpaper kit for Skill Multi-Finish Sander Stk. **260569**.

**Includes** 60, 80 and 120 grit sandpaper.

Stk.	Mfr.	Price
<b>260562</b>	73114	<b>WEB</b>



### Black & Decker 1/4 Sheet Finishing Sander

**Black & Decker** Ideal for wood, metal and plastic, this sander with paddle trigger actuation is easy-to-use. It sands flush on 3 sides to reach tight spaces, and features built-in dust collection. The convenient paper clamps make changing sandpaper easier.

Paper size 4-1/2" x 5-1/2".

**Includes** sanding sheet, paper punch and dust bag.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>246053</b>	BDEQS300	120	2	16,000	<b>WEB</b>



#### Bosch 1/4 Sheet Finishing Sander

**BOSCH** Ideal for finish carpenters and other pro users, this orbital sander delivers even sanding and long tool life, with a precision-machined aluminum sanding plate. It incorporates low-vibration engineering for user comfort and for enhanced tool life. It features the traditional sanding sheet clamp design, for dependable grip of one or more sanding sheets (it also accepts stick-on paper).

Paper size 4-1/2" x 5-1/2". Size 10"L x 4"W x 5.75"H. Weight 2.7 lbs.

**Includes** punch plate, sandpaper and micro-filter dust canister.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>260260</b>	GSS20-40	120	2	12,000	<b>WEB</b>



#### DeWalt 1/4 Sheet Finishing Sander

**DEWALT** The shorter profile allows close access to the work surface for this palm sander. The counterweight reduces vibration, and the rubber overmold grip provides comfortable

sanding. The one-handed locking dust bag attaches securely to the sander or directly to a dust collector. A rubber dust boot over the switch protects against dust ingestion for longer switch life.

Paper size 4-1/2" x 5-1/2". Size 5.31"H. Weight 2.8 lbs.

**Includes** paper punch, dust bag and carrying bag.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>242854</b>	DWE6411K	120	2.3	14,000	<b>WEB</b>



#### Makita 1/4 Sheet Finishing Sander

**Makita** The ease-of-use features of this palm-grip sander will be appreciated by woodworkers and carpenters. The precision engineered all-ball bearing construction significantly reduces vibration

and noise. The rubber sealed switch prevents dust contamination, and an efficient through-the-pad dust collection system for a cleaner work environment. The large clamping lever enables quick and easy paper installation.

Paper size 4-1/2" x 5-1/2". Size 5-1/8"L x 5-9/16"H. Weight 2.5 lbs.

**Includes** 3 sanding sheets, punch plate, dust bag and case.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>511433</b>	BO4556K	120	2	14,000	<b>WEB</b>



#### Metabo HPT 1/4 Sheet Finishing Sander

**Metabo HPT** Palm sander featuring a large soft grip that comfortably fits in the hand for ease of operation. It sands wood to a finish and can

prepare woodwork or sheet metal for painting. Dust-sealed switch, easy-to-use clamp system and complete ball bearing construction.

Paper size 4-1/2" x 5-1/2". Size 5-3/8"H. Weight 2.4 lbs.

**Includes** 1 sanding sheet and dust bag.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>616640</b>	SV12SGM	115	1.7	14,000	<b>WEB</b>



#### Milwaukee 1/4 Sheet Finishing Sander

**Milwaukee** Produce a fine, swirl-free finish with this palm sander. Button-style paper clamp system allows for effortless paper changes. For maximum compatibility, the universal hose adapter allows

connections from all vacuum hose sizes. The plastic dust canister with filter provides efficient dust collection and increased durability.

Paper size 4-1/2" x 5-1/2". Size 5-1/2"L. Weight 3.3 lbs.

**Includes** 2 sanding sheets, punch plate and dust canister.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>575870</b>	6033-21	120	3	14,000	<b>WEB</b>



#### Porter Cable 1/4 Sheet Finishing Sander

**PORTER+CABLE** Generally used for fine finishing before coatings, less aggressive material removal than RO sanders, or for sanding into corners. The dual-plane, counter-balanced, low-vibration design reduces user fatigue. Dust-

sealed switch protects against dust ingestion for longer life.

Paper size 4-1/2" x 5-1/2". Size: 5-1/4"H x 4-1/2"H x 9"L. Weight 2.3 lbs.

**Includes** dust bag and paper punch.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>622872</b>	380	120	2	13,500	<b>WEB</b>



#### Skil 1/4 Sheet Finishing Sander

**SKIL** This pressure controlled random orbit sander is the perfect tool for faster stock removal and smooth results. The pressure control indicator illuminates when the right amount of pressure is applied and the pad brake eliminates gouging.

Micro-filtration captures fine dust particles. Dust sealed switch, clear view dust canister, and built-in vacuum adapter. Soft-grip design for added comfort and control.

Paper size 4-1/2" x 5-1/2".

**Includes** micro-filter dust canister, paper punch plate and sanding sheet.

Stk.	Mfr.	Volts	Amps	Price
<b>260536</b>	7292-02	120	2	<b>WEB</b>



#### Makita 1/3 Sheet Finishing Sander

**Makita** Sander combines fast, smooth performance with a contoured rubberized palm grip and ease-of-use features. The ball bearing construction is engineered to reduce vibra-

tion and noise. The dust collection system helps provide a cleaner work environment, while the fabric dust bag has an extra wide mouth for faster disposal.

Paper size 3-5/8" x 9". Size 10"L. Weight 3.5 lbs.

**Includes** sanding sheet, punch plate and dust bag.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>511437</b>	BO3710	120	1.7	11,000	<b>WEB</b>



#### Bosch 1/2-Sheet Finishing Sander

**BOSCH** This sander provides perfect paper fit with the SheetLoc™ Supreme clamping system, increasing the life of regular sandpaper.

The high-performance, extra-soft microcellular backing pad conforms to many contours. The suspension system minimizes vibration for superior handling. Multiple soft-grip locations improve ergonomics and reduce hand fatigue. Variable-speed dial, vacuum hose connection and aluminum gear housing.

Paper size 4-1/2" x 11". Size 17"L x 4.5"W x 8"H. Weight 6 lbs.

**Includes** microfilter dust canister, vacuum hose adapter, auxiliary handle, sanding pad, punch plate and sanding sheet.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>258940</b>	OS50VC	120	3.4	8,000 - 11,000	<b>WEB</b>



### Makita 1/2 Sheet Finishing Sander

**Makita** Sander features an integrated through-the-pad dust collection system that easily hooks up to a vacuum hose for superior dust collection. The large trigger provides

smooth and easy operation. Ergonomically-designed contoured grips are engineered for improved operator comfort. The large cam-lock clamping lever allows quick and easy abrasive paper changes.

Paper size 4-1/2" x 11". Size 11-3/8"L. Weight 6 lbs.

**Includes** sanding sheet, punch plate, dust bag and holder assembly.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>511463</b>	BO4900V	115	2.9	4,000 - 10,000	<b>WEB</b>

### MultiSand™ 4-1/2" Adhesive-backed Sanding Roll

**NORTON** Attaches easily. Press down and the adhesive mates with the special pad for a tight, secure fit. Eliminate wasted paper used for clamping. Cut the length of paper needed.

Stk.	Mfr.	Grit	Size	Price
<b>636576</b>	49247	320	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636574</b>	49248	220	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636573</b>	49249	180	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636575</b>	49250	150	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636572</b>	49251	120	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636571</b>	49252	100	10 yd. x 4-1/2"W	<b>WEB</b>
<b>636570</b>	49254	80	10 yd. x 4-1/2"W	<b>WEB</b>



### 4-1/2" Abrasive Sanding Roll

**Festool** Continuous roll abrasive can be cut to length as needed. Can be used with 1/2 sheet sanders like the RS 2 E.

**Abrasive roll does not have a PSA or hook and loop backing.**

Stk.	Mfr.	Grit	Size	Price
<b>404384</b>	201108	150	82"L x 4-1/2"W	<b>WEB</b>
<b>404383</b>	201107	120	82"L x 4-1/2"W	<b>WEB</b>
<b>404382</b>	201106	100	82"L x 4-1/2"W	<b>WEB</b>
<b>404381</b>	201105	80	82"L x 4-1/2"W	<b>WEB</b>
<b>404380</b>	201104	60	82"L x 4-1/2"W	<b>WEB</b>

### MultiSand™ Clamp and Sand Sanding Sheets

**NORTON** The ideal choice for general purpose hand sanding, as well as light mechanical applications. Remove old paint, sand wood, metal, plastic and fiberglass.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>608190</b>	02050	4-1/2" x 11"	150	10	<b>WEB</b>
<b>608191</b>	02051	4-1/2" x 11"	100	10	<b>WEB</b>
<b>608192</b>	02052	4-1/2" x 11"	60	10	<b>WEB</b>

## RANDOM ORBIT SANDERS



### Festool 3.5" Multi-Mode Sander

**Festool** All-in-one rotary sander, random orbit finish sander and rotary polisher. It works in tight corners and eliminates the need for hand sanding or additional tools. Equipped with front edge protectors, it protects the work piece while protecting the pad. Onboard electronics

protect from thermal and current overload. All metal gearbox is sealed from dust and debris. Jetstream design delivers highly efficient dust removal.

Paper size 3.5"D. Weight: 3.3 lbs.

**Includes** StickFix sanding pad, power cord and SYS 2 TL Systainer organizer.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>404653</b>	576263	120	3.3	3,500 - 7,000	<b>WEB</b>



### Bosch 5" Random Orbit Sander

**BOSCH** Designed to eliminate workpiece swirl marks, thanks to an integral pad dampening braking system, it allows woodworkers and finish carpenters to sand quickly to exacting standards. The built-in microfilter dust collection system and anti-spillback canister minimizes

dust infiltration into the sander. Soft-grip top and body, with low-vibration operation for user comfort. Constant Response™ circuitry.

Paper size 5". Size 9"L x 5"W x 6"H. Weight 3.5 lbs.

**Includes** soft sanding pad, dampening ring, microfilter dust canister, vacuum hose adapter and sanding disc.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>259470</b>	ROS10	120	2.2	12,000	<b>WEB</b>



### DeWalt 5" Random Orbit Sander

**DEWALT** Designed to be low-profile, this palm sander allows closer access to the work piece. The rubber overmold and separate counterweight design reduces vibration and the sealed switch stops dust ingestion. Dust collection and the vacuum locking system have been improved.

Paper size 5". Size 5.5"H. Weight 2.9 lbs.

**Includes** dust bag.

Stk.	Mfr.	Item	Volts	Amps	OPM	Price
<b>242836</b>	DWE6421K	H & L	120	3	12,000	<b>WEB</b>
<b>242838</b>	DWE6420	PSA	120	3	12,000	<b>WEB</b>

**242836** Includes case.



### DeWalt 5" VS Random Orbit Sander

**DEWALT** Designed to be low-profile, this palm sander allows closer access to the work piece. The rubber overmold and separate counterweight design reduces vibration and the sealed switch stops dust ingestion. One-hand

locking system for easy bag attachment. The dust port is designed to fit DWV010 or DWV012 dust collectors.

Paper size 5", H and L. Size 5.5"H. Weight 2.9 lbs.

**Includes** dust bag and case.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>242837</b>	DWE6423K	120	3	8,000 - 12,000	<b>WEB</b>





#### Makita 5" Random Orbit Sander

**Makita** The random orbital action produces smooth, fast sanding and the pad control system provides even start-up speed. Features an efficient through-the-pad dust collection system. Oversized sealed ball bearing construction and sealed switch for longer tool life. The

rubberized grip improves comfort and control, while the hook-and-loop abrasive paper makes changes easy.

Paper size 5", H and L. Size 6"L x 4-7/8"W x 6"H. Weight 3.3 lbs.

**Includes** 2 sanding discs and dust bag.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>511512</b>	BO5030	115	3	12,000	<b>WEB</b>



#### Festool 6" Dual-Mode Sander

**Festool** Lighten the load of your tool kit while increasing the range of applications with just one tool for coarse sanding, fine sanding and polishing. Eccentric motion for high-quality, scratch-free surfaces, ROTEX rotary motion for efficient material removal and the Festool Protector allows sanding up to the edge. Ideal ergonomic grip positions and tool-less StickFix sanding pad system.

Paper size 6". Weight 5.07 lbs.

**Includes** sanding pad, edge protector, removable dust channel and Systainer Sys 3 T-Loc box.

Stk.	Mfr.	Volts	OPM	Price
<b>404646</b>	576028	120	6,800	<b>WEB</b>



#### Metabo HPT 5" VS Random Orbital Sander

**Metabo HPT** Sander offers best-in-class sanding performance while removing significantly more stock in less time. Soft elastomer

covered grip reduces vibration and sealed switch helps to extend tool life. Complete ball bearing construction. Integrated dust collection bag extends the sand paper life.

Paper size 5", H and L. Size 8-3/4"L x 5-11/16"H. Weight 3.1 lbs.

**Includes** 5 sanding discs, dust bag, vacuum adapter and rubber adapter.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>616642</b>	SV13YSTM	120	2.8	9,000 - 13,000	<b>WEB</b>



#### Milwaukee 5" Random Orbit Sander

**Milwaukee** Use this variable speed orbital sander to achieve a fine, swirl-free finish on any project on which you're working. The universal adapter easily connects to vacuum hoses sizes 1-1/4"- 2-1/2".

An electronic soft start controls start up speed, to eliminate swirl marks. Dual counter balance provides lower vibration. Universal hook and loop and PSA pad systems accept both types of sanding discs.

Paper size 5", PSA. Size 9.8"L. Weight 3.57 lbs.

**Includes** 2 sanding discs, dust canister, universal vacuum hose adapter and bag.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>575871</b>	6034-21	120	3	7,000 - 12,000	<b>WEB</b>



#### Porter Cable 5" Random Orbital Sander

**PORTER+CABLE** Orbital sander provides smooth finishes, while the Controlled Finishing System™ maintains pad speed and minimizes start-up gouging. The dual-plane, counter-bal-

anced fan reduces user fatigue. Sealed ball-bearing construction and dust-sealed switch provides longer tool life.

Paper size 5", H and L. Size 11"L x 5"W x 5.5"H. Weight 3 lbs.

**Includes** dust canister.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>622873</b>	382	120	1.9	12,000	<b>WEB</b>



#### Makita 5" Random Orbit Sander Pad

**Makita** 5" eight hole hook-and-loop replacement pad for flat sanding. For use with Makita 5" Random Orbit Sanders.

Stk.	Mfr.	Type	Holes	Price
<b>511881</b>	743081-8	HL	8	<b>WEB</b>



#### Festool 6" Random Orbital Sander

**Festool** Sander is perfectly built for manual operation to reduce fatigue when carrying out overhead sanding work and a good feeling on edges, as well as convenient operation in any position. This sander has a brushless EC-TEC motor, and an ergonomic housing geometry

with perfectly balanced center of gravity. Features automatic dust control, integrated sanding pad brake and Vibration Control System.

Paper size 6" dia. Size 4-1/2"H. Weight 2.65 lbs.

**Includes** sanding pad, screwdriver and Systainer SYS3 M 187.

Stk.	Mfr.	Volts	Amps	OPM	Price
<b>404642</b>	576326	120	3.3	6,000-10,000	<b>WEB</b>



#### Porter Cable 6" VS Random Orbital Sander

**PORTER+CABLE** Ideal for polishing and sanding automotive and marine projects, this 6" sander features a 4.5 amp motor for high overload

protection, random orbit, swirl-free sanding/polishing action, proprietary counter balance and 2-position removable side handle. 100% ball and roller bearing construction.

Paper size 6", PSA. Weight 6 lbs.

**Includes** polishing pad, PSA pad, sanding disc, side handle and wrench.

Stk.	Mfr.	Amps	OPM	Price
<b>624436</b>	7346SP	4.5	2,500-6,800	<b>WEB</b>

## Porter Cable 5" Random Orbit Sander Pad

### PORTER+CABLE

#### Hook and Loop

Stk.	Mfr.	Holes	Fits	Price
<b>627209</b>	13904	5	333	<b>WEB</b>
<b>627297</b>	15001	5	7345	<b>WEB</b>
<b>627700</b>	151281-08	8	343K, 343VSK, 382	<b>WEB</b>

#### PSA

Stk.	Mfr.	Holes	Fits	Price
<b>627189</b>	13700	None	7345	<b>WEB</b>
<b>627207</b>	13900	3	332	<b>WEB</b>
<b>627701</b>	151281-09	8	334	<b>WEB</b>

## Porter Cable 6" Random Orbit Sander Pad

**PORTER+CABLE** Standard pad fits 7345 and 7346 series sanders.

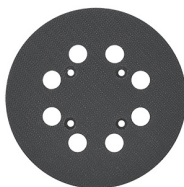
Stk.	Mfr.	Type	Holes	Price
<b>627210</b>	16000	HL	6	<b>WEB</b>
<b>627300</b>	18001	PSA	None	<b>WEB</b>



### Porter Cable Dust Canister

**PORTER+CABLE** Dust Canister. For 343K, 343 VSK, 344 and 333, 334, 382.

Stk.	Mfr.	Price
<b>626635</b>	N063102SV	<b>WEB</b>



## DeWalt 5" Random Orbit Sander Pad

### DEWALT

Stk.	Mfr.	Type	Holes	Fits	Price
<b>242841</b>	DWE64233	HL	8	DWE6420, DWE6421, DWE6423	<b>WEB</b>
<b>242842</b>	N373679	PSA	8	DWE6420	<b>WEB</b>

## 5" Eight-Hole Hook and Loop Paper Sanding Discs

**NORTON** Aluminum oxide discs with heavy-duty, tear resistant hook-and-loop backing.

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>608496</b>	49218	220	25	<b>WEB</b>
<b>608497</b>	49219	180	25	<b>WEB</b>
<b>608502</b>	49220	150	25	<b>WEB</b>
<b>608498</b>	49221	120	25	<b>WEB</b>
<b>608501</b>	49222	100	25	<b>WEB</b>
<b>608499</b>	49223	80	25	<b>WEB</b>
<b>608500</b>	49224	60	25	<b>WEB</b>

## Open Coat Abrasive Discs

**NORTON** Resist loading and provide more consistent cutting and finishing. Self-adhesive discs stay flat against sanding pad without wrinkling or tearing and avoid the uneven wear that shortens abrasive life.

### 5" Adhesive

Stk.	Mfr.	Holes	Grit	Qty./Box	Price
<b>600473</b>	01645	5	150	50/roll	<b>WEB</b>
<b>600471</b>	01643	5	100	50/roll	<b>WEB</b>
<b>600470</b>	01642	5	80	50/roll	<b>WEB</b>

### 5" Hook & Loop

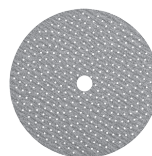
Stk.	Mfr.	Holes	Grit	Qty./Box	Price
<b>600501</b>	04057	5 & 8	220	25	<b>WEB</b>
<b>600500</b>	04058	5 & 8	180	25	<b>WEB</b>
<b>600502</b>	04059	5 & 8	150	25	<b>WEB</b>
<b>600503</b>	04060	5 & 8	120	25	<b>WEB</b>
<b>600504</b>	04061	5 & 8	100	25	<b>WEB</b>
<b>600505</b>	04062	5 & 8	80	25	<b>WEB</b>



## 5" Gold™ Reserve Paper PSA Sanding Disc Roll

**NORTON** P-graded aluminum oxide abrasive delivers cool, fast cuts, and the C-weight latex/paper backing retains flexibility and tear resistance. No-Fil stearate coating with pressure sensitive adhesive.

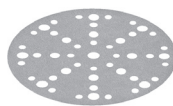
Stk.	Mfr.	Holes	Grit	Qty.	Price
<b>608640</b>	83809	None	150	100	<b>WEB</b>
<b>608641</b>	83807	None	100	100	<b>WEB</b>
<b>608642</b>	83806	None	80	100	<b>WEB</b>



## 6" ProSand Multi-Hole Hook & Loop Sanding Discs

**NORTON** P-graded, seeded-gel ceramic alumina abrasive and laser-cut, spiral, vacuum-hole design maximizes dust extraction and less contamination and delivers a cool, fast, consistent cut rate and longer life than any paper disc. Arbor hole 1 1/16". Max speed 15,000 RPM.

Stk.	Mfr.	Holes	Grit	Qty.	Price
<b>600520</b>	05320	Multi	220	10	<b>WEB</b>
<b>600521</b>	05322	Multi	150	10	<b>WEB</b>
<b>600522</b>	05324	Multi	100	10	<b>WEB</b>
<b>600523</b>	05326	Multi	60	10	<b>WEB</b>



## 6" Abrasive Sanding Discs

**Festool** Granat sanding discs are a special abrasive for repairing compounds, fillers and paintwork. Recommended for VOC clear coats and hard undercoats. Stick Fix hook and loop design for quick and efficient abrasive changes.

Stk.	Mfr.	Holes	Grit	Qty.	Price
<b>404640</b>	575158	Multi	180	10	<b>WEB</b>
<b>404639</b>	575157	Multi	120	10	<b>WEB</b>
<b>404638</b>	575156	Multi	80	10	<b>WEB</b>
<b>404637</b>	575155	Multi	60	10	<b>WEB</b>

## BELT SANDERS



### Skil 3" x 18" Belt Sander

**SKIL** With 6 Amps of power, this belt sander sands practically any type of wood surface. The pressure control indicator illuminates when the right amount of pressure is applied for best sanding results. Plus, the belt stays centered with the patented auto track belt alignment. Micro-filtration captures and contains fine dust particles. Vacuum compatible with standard 1-1/4" vacuum hoses.

Belt size 3" x 18". Size 6.6" x 13.8" x 6.5". Weight 6.75 lbs.

**Includes** sanding belt and dust canister.

Stk.	Mfr.	Volts	Amps	SFPM	Price
<b>260465</b>	7510-01	120	6	1,050	<b>WEB</b>



### Makita 3" x 21" VS Belt Sander

**Makita** The design allows flush sanding to the wall with the nose and side of sander. The powerful 8.8 amp motor is the quietest in its class at 85 dBA. Variable speed w/electronic speed control, auto-tracking belt system w/out adjustment, comfortable front grip design.

Belt size 3" x 21". Size 11-5/8"L. Weight 9.5 lbs.

**Includes** sanding belt and dust bag.

Stk.	Mfr.	Volts	Amps	SFPM	Price
<b>511567</b>	9903	115	8.8	690-1,440	<b>WEB</b>



### Metabo HPT 3" x 21" VS Belt Sander

**Metabo HPT** Belt sander for wooden and metallic surfaces, finishing flooring, preparing surfaces for painting, removing rust and old paint and finishing masonry materials. Dial at base of handle for improved manageability. Clear front cover improves visibility when sanding up against a surface. Dust collection bag reduces airborne particles, keeps work area clean and improves corner sanding. Flush surface design allows quick and even sanding.

Belt Size 3" x 21". Size 6-3/4". Weight 9.5 lbs.

**Includes** sanding belt and dust bag.

Stk.	Mfr.	Volts	Amps	SFPM	Price
<b>616635</b>	SB8V2M	120	9	820-1,475	<b>WEB</b>



### Makita 3" x 24" Belt Sander

**Makita** Quiet yet powerful, this belt sander features an auto-tracking belt system to track the belt without adjustment. Variable speed

motor with electronic speed control dial allows presetting the maximum belt speed. Design allows flush sanding to the corner of the wall with the sander's nose and side.

Belt size 3" x 24". Size 13-1/8"L. Weight 9.9 lbs.

**Includes** sanding belt and dust bag.

Stk.	Mfr.	Volts	Amps	SFPM	Price
<b>511569</b>	9920	115	8.8	690 - 1,440	<b>WEB</b>



### Makita 4" x 24" Belt Sander

**Makita** Complete sanding jobs faster with a motor that's powered for high-production performance and a design that allows flush sanding to walls. Labyrinth construction seals motor and bearings from contamination. Large front comfort-grip handle, double-insulated for quieter operation. Dust bag swivels 360°.

Belt size 4" x 24". Size 13-7/8"L. Weight 13 lbs.

**Includes** sanding belt and dust bag.

Stk.	Mfr.	Volts	Amps	SFPM	Price
<b>511537</b>	9403	115	11	1,640	<b>WEB</b>

### 2-1/2"W x 14"L Sanding Belt

**PORTER+CABLE** Open coat aluminum oxide abrasive belts, resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>636500</b>	712400605	2-1/2"W x 14"L	60	5	<b>WEB</b>
<b>636501</b>	712400805	2-1/2"W x 14"L	80	5	<b>WEB</b>
<b>636502</b>	712401005	2-1/2"W x 14"L	100	5	<b>WEB</b>
<b>636503</b>	712401205	2-1/2"W x 14"L	120	5	<b>WEB</b>

### Portable Belts

**NORTON** Open coat aluminum oxide abrasive belts that have been resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>604036</b>	27925	3"W x 21"L	60	1	<b>WEB</b>
<b>603969</b>	27924	3"W x 21"L	80	1	<b>WEB</b>
<b>603902</b>	27923	3"W x 21"L	100	1	<b>WEB</b>
<b>603833</b>	27922	3"W x 21"L	120	1	<b>WEB</b>
<b>604706</b>	27935	3"W x 24"L	60	1	<b>WEB</b>
<b>604639</b>	27934	3"W x 24"L	80	1	<b>WEB</b>
<b>604572</b>	27933	3"W x 24"L	100	1	<b>WEB</b>
<b>604505</b>	27932	3"W x 24"L	120	1	<b>WEB</b>
<b>605510</b>	27945	4"W x 24"L	60	1	<b>WEB</b>
<b>605442</b>	27944	4"W x 24"L	80	1	<b>WEB</b>
<b>605376</b>	27943	4"W x 24"L	100	1	<b>WEB</b>
<b>605309</b>	27942	4"W x 24"L	120	1	<b>WEB</b>

### ProSand Sanding Belts

**NORTON** Premium, self-sharpening zirconia alumina abrasive provides superior cut on all surfaces. Anti-static technology increases dust collection efficiency for cleaner work environment and less clean up.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>605983</b>	49265	3"W x 21"L	50	5	<b>WEB</b>
<b>605982</b>	49264	3"W x 21"L	80	5	<b>WEB</b>
<b>605980</b>	49262	3"W x 21"L	120	5	<b>WEB</b>
<b>605988</b>	49271	3"W x 24"L	50	5	<b>WEB</b>
<b>605987</b>	49270	3"W x 24"L	80	5	<b>WEB</b>
<b>605985</b>	49268	3"W x 24"L	120	5	<b>WEB</b>
<b>605993</b>	49277	4"W x 24"L	50	5	<b>WEB</b>
<b>605992</b>	49276	4"W x 24"L	80	5	<b>WEB</b>
<b>605990</b>	49274	4"W x 24"L	120	5	<b>WEB</b>

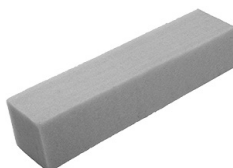
## SANDER ACCESSORIES



### Belt & Disc Cleaner

**Woodstock** Pro-Stik® cleans all belts and discs for longer life. Improves finish quality. Quick, easy to use. For belt & disc sanders.

Stk.	Mfr.	Size	Price
<b>786800</b>	W1305	1-3/8" x 1-3/8" x 8-1/2"	<b>WEB</b>
<b>786802</b>	W1307	2" x 2" x 12"	<b>WEB</b>



### Norton Belt/Disc Cleaner

**NORTON** Prolong the life of sandpaper with this natural rubber cleaning eraser stick. Simply rub the stick across the sandpaper's surface to remove dust, wood particles, sap, metal shavings, paint, wood resin and other residue from belt sanders, disc sanders, drum sanders and more.

Stk.	Mfr.	Size	Price
<b>600415</b>	01717	1-3/8" x 1-3/8" x 6"	<b>WEB</b>



### Feathering Disc Adhesive

**3M** Allows multiple disc applications w/out buildup or paper delamination. Discs remove easily & cleanly.

Stk.	Mfr.	Size	Price
<b>590401</b>	08051	5 oz.	<b>WEB</b>



### Spray Adhesive

**Elmer's** Aerosol spray adhesive for general use when a strong, permanent bond is desired. Stronger tack, quick dry, dries clear, resists bleed through, will not swell or warp, water resistant, acid free. Conforms to ASTM D 4236. ACM Certified.

Stk.	Mfr.	Bond	Qty.	Price
<b>257620</b>	E451	Standard	11 oz.	<b>WEB</b>
<b>257623</b>	E456	Extra Strength	10 oz.	<b>WEB</b>



### Super 77™ Multipurpose Adhesive Aerosol

**3M** High-tack, high-coverage and fast-drying adhesive with lower VOC formula. Bonds many foils, plastics, paper foams, paper, cardboard and metals to painted or unpainted metals, wood and hardboard. Fast, aggressive tack with strength to 10 psi. 220 sq./ft. per can. Heat resistant to 110°F. FDA acceptable (21 CFR 175.10).

Stk.	Mfr.	Size	Price
<b>590400</b>	77	16.5 oz.	<b>WEB</b>



### Spray Adhesive 20

**3M** Versatile adhesive works well with a range of lightweight materials and provides fast results - bond time takes as little as 15 seconds! Spray formula is easy to dispense, offering a highly-accurate, variable-width lace spray pattern. Aggressive tack. High initial grab.

Stk.	Mfr.	Size	Price
<b>590266</b>	20	13.80 oz.	<b>WEB</b>



### Anti-Vibration Pad

**Woodstock** Indispensable 1/8" thick black pad for stopping bench top tool vibration. 24" x 36"  
**Shown with tools, sold separately.**

Stk.	Mfr.	Price
<b>786840</b>	W1322	<b>WEB</b>



### Router Depth Gauge

**Robert Larson** Quickly and accurately set your router to more than a dozen depth settings without the need for trial and error testing.  
Size 1/8" - 1".

Stk.	Mfr.	Price
<b>768870</b>	800-2100	<b>WEB</b>

## JIG SAWS



### Bosch 7 Amp VS Barrel-Grip Jig Saw

**BOSCH** Powerful, variable speed saw with Constant Response™ circuitry, which maintains desired speed for consistent performance. Precision-machined plunging system and low-vibration design for enhanced accuracy and extremely smooth operation. Adjustable dust blower keeps cutting line clear.

Ergonomic handle with barrel grip and ambidextrous lock-on button. Aluminum gearbox with insulated cover, toolless blade changes, die-cast foot with steel insert, multi-directional blade clamp, 4 orbital-action settings.

Blade T-shank. Size 10-1/2"L. Weight 5.9 lbs.

**Includes** non-marring overshoe, anti-splinter insert, blade, wrench and case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>258943</b>	JS470EB	7	500 - 3,100	1"	<b>WEB</b>



### Bosch 7 Amp VS Jig Saw

**BOSCH** Powerful, variable speed saw with Constant Response™ circuitry, which maintains desired speed for consistent performance. Precision-machined plunging system and low-vibration design for enhanced accuracy and extremely smooth operation. Adjustable dust blower keeps

cutting line clear. Ergonomic handle with top grip and ambidextrous lock-on button. Aluminum gearbox with insulated cover, toolless blade changes, die-cast foot with steel insert, multi-directional blade clamp, 4 orbital-action settings.

Blade T-shank. Size 9-5/8"L. Weight 5.6 lbs.

**Includes** overshoe, anti-splinter insert, blade, bevel wrench and case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>258942</b>	JS470E	7	500 - 3,100	1"	<b>WEB</b>





#### DeWalt 20V Jig Saw

**DEWALT** Cordless jig saw kit with an all-metal, lever-action keyless blade clamp designed for quick and easy blade changes and an all-metal keyless shoe bevel with 4 detents (0°, 15°, 30°, 45°) to make bevel adjustments easy. The VS trigger easily adjusts speeds during

cutting and provides a 4-position orbital action for wood cutting. A removable shoe cover helps protect materials from scratches and the dust blower improves the sight line while cutting. Anti-slip comfort grip for increased comfort and control.

Blade T-shank. Weight 6.8 lbs.

**Includes** 20V li-ion battery, charger, blade kit and molded case.

Stk.	Mfr.	Volts	SPM	Stroke	Price
<b>242965</b>	DCS331MI	20	0 - 3,000	1"	<b>WEB</b>



#### DeWalt 5.5 Amp VS Orbital Jig Saw Kit

**DEWALT** The powerful motor with an all-metal gear case, housed in a compact, lightweight design, makes cuts in the hardest materials with a 4-position orbital action. Shoe tilts 45° for bevel cuts. Keyless blade clamp.

Blade T- and U-shank. Weight 6.2 lbs.

**Includes** blade and bag.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>243021</b>	DW317K	5.5	0-3,100	1"	<b>WEB</b>



#### DeWalt 6.5 Amp VS Orbital Jig Saw Kit

**DEWALT** Powerful, heavy-duty motor with all-metal gear case delivers cutting strength for the most demanding materials. Complete flush cuts without up-cutting. Use on wood, fiberglass, plastic, sheet metal and laminate. Integrated dust blower maintains cut line visibility.

Non-marring shoe tilts 45° for bevel cuts, 4-position orbital action, metal keyless blade clamp, positive bevel detents at 0°, 15°, 30°, 45°, counter-balance mechanism reduces vibration.

Blade T-shank. Weight 6.4 lbs.

**Includes** 3 blades and molded case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>243023</b>	DW331K	6.5	500-3,100	1"	<b>WEB</b>



#### Festool VS Carvex Jig Saw

**Festool** Jigsaw delivers effortless, precise cuts like no other. Coupled with the right blade, high performance motors and MMC electronics will consistently power through virtually any material. Variable speed blade speed with

extremely fast 3,800 strokes per minute. Tool-free base and base insert platform for expanded capabilities, triple blade guidance for perfectly perpendicular cuts and splinter guards for tear-free cuts, stroboscopic high-intensity LEDs for blade visibility. Brushless motor technology for light weight, more power and longer service life.

Blade T-shank. Weight 4.19 lbs.

**Includes** 2 saw blades, splinter guard and Systainer SYS3 M 137.

Stk.	Mfr.	SPM	Stroke	Price
<b>404643</b>	576181	1,500 - 3,800	1-1/32"	<b>WEB</b>



#### Makita 3.9 Amp VS Orbital Jig Saw

**Makita** Three orbital settings plus straight cutting slices through a variety of materials. Die-cast aluminum base adjusts 45° R&L, plus positive stop at 90° for solid cutting performance. Counterweight balancing reduces vibration. Tool-free blade change system, ergonomic rubberized top handle grip, on-board hex wrench. VS control dial, lock-on button for extended use, through-the-body dust port. Blade T-shank. Size 8-7/8"L. Weight 4.2 lbs.

**Includes** 6-blade set, anti-splintering device, cover plate and molded case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>511474</b>	4329K	3.9	500 - 3,100	1 1/16"	<b>WEB</b>



#### Makita 6.3 Amp VS Jig Saw with LED

**Makita** Three orbital settings plus straight cutting with a powerful motor slices through all material varieties. Anti-vibration technology with a dynamically-balanced motor reduces vibration and noise. Die-cast aluminum base adjusts 45° R&L, plus positive stop at 90° for solid cutting performance. Built-in dust blower

and LED for greater accuracy. Tool-free blade change system, ergonomic rubberized top handle grip, on-board hex wrench.

Blade T-shank. Size 9-1/4"L. Weight 5.3 lbs.

**Includes** 6-blade set, anti-splintering device, cover plate and molded case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>511442</b>	4350FCT	6.3	800 - 2,800	1"	<b>WEB</b>



#### Metabo HPT 5.5 Amp VS Jig Saw

**Metabo HPT** Large cutting capacity and 3-mode orbital action increases cutting efficiency through various materials. Cast aluminum nickel-plated base plate offers solid support and resists scratching the work surface. Soft, vibration absorbing grip provides greater comfort and a secure hold. Tool-less blade changing, powerful dust blower and lock-on trigger.

Blade T-shank. Weight 4.9 lbs.

**Includes** blade and allen wrench.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>616539</b>	CJ90VST2M	5.5	850 - 3,000	3/4"	<b>WEB</b>



#### Milwaukee 6.5 Amp VS Orbital Jig Saw Kit

**Milwaukee** LED light and precision roller blade guide for accurate sightline cutting. Cushion grip handle and counterbalanced for reduced vibration. Orbital action with 4 adjustment levels, Quik-Lok™ blade change system, keyless shoe adjustment, tachometer feedback for constant cutting speed.

Bladed T-shank. Size 9-1/2"L. Weight 6.4 lbs.

**Includes** 2 blades, dust shield, anti-splintering device, shoe cove and case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>575913</b>	6268-21	6.5	0 - 3,000	1"	<b>WEB</b>



### Porter Cable 6 Amp VS Orbital Jig Saw

**PORTER+CABLE** Variable speed motor delivers the cutting power required in demanding applications. Four-position orbital lever provides best cutting performance and 7-speed dial provides multiple settings for optimal cutting

results. Oversized overmold on front and handle provide control and comfort. Lock-on button and keyless blade change clamp.

Blade T- and U-shank. Weight 5.4 lbs.

**Includes** wood cutting blade and wrench.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>626676</b>	PCE345	6	0 - 3,200	13/16"	<b>WEB</b>



### Skil 20V PWRCORE 20™ Jig Saw

**SKIL** jig saw has 20V digital brushless motor for high performance and efficiency. PWRCORE 20™ 2.0Ah Lithium Battery technology gives 25% longer run time and 2X battery life. Battery includes PWRASSIST™ mobile charging so you can plug into the USB port and stay charged wherever, whenever. The Automatic

PWRJUMP™ Charger gets you going in just 5 minutes, or up to 100% battery in 30 minutes.

Blade T- and U-shank. Weight 6.92 lbs.

**Includes** battery, charger, wood cutting blade and metal cutting blade.

Stk.	Mfr.	Volts	SPM	Stroke	Price
<b>260331</b>	JS820202	20	0 - 3,000	1"	<b>WEB</b>



### Skil 6 Amp Jigsaw

**SKIL** Packed with features like the 4-stage orbital function, speed control and dust blowing function allow the 6 Amp jigsaw to deliver precision on a wide range of applications. Tool-free blade changes, angled cutting and Halo Light.

Blade T- and U-shank. Weight 4.63 lbs.

**Includes** 2 blades.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>260286</b>	JS314901	6	800 - 3,200	7/8"	<b>WEB</b>



### T-Shank HSS Jig Saw Blades

**BOSCH**

For 1/8" to 1/4" mild steel & nonferrous metals.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259201</b>	T118B	14	3"	5	<b>WEB</b>

For curve cutting of mild steel & nonferrous metals.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259335</b>	T227D	8	4"	5	<b>WEB</b>

For thin material. Straight cuts in metal, nonferrous metal, aluminum & sheet metal 1/16" to 1/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259198</b>	T118A	24	3"	5	<b>WEB</b>

For fast straight cuts in aluminum 3/16"-5/8", plastic 3/16" to 1-1/4", nonferrous metal, metal 3/16" to 1/4", fiberglass, lead & tin 3/16" to 3/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259250</b>	T127D	8	4"	5	<b>WEB</b>

For curve-cutting thin material in metal, nonferrous metal, aluminum & sheet metal 1/16" to 1/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259325</b>	T218A	24	3"	5	<b>WEB</b>



### T-Shank Bi-metal Jig Saw Blades

**BOSCH** Saber/jig saw blades of bi-metal cut faster, straighter and last much longer than ordinary high speed blades.

For thin material. Straight cuts (flexible & break-resistant) in metal, nonferrous metal, aluminum, sheet metal, Plexiglas 1/16" x 1/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259199</b>	T118AF	24	3"	5	<b>WEB</b>

For thick material. Straight cuts (curve cutting, flexible, break-resistant) in metal, nonferrous metal, aluminum 1/8" to 1/4", Plexiglas 1/8" to 3/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259202</b>	T118BF	14	3"	5	<b>WEB</b>

All purpose cutting. Straight cuts in wood, OSB, plastic 3/16" to 1-1/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259136</b>	T111CF	8	4"	5	<b>WEB</b>

All purpose cutting. Curve cuts in wood w/nails, plastic 1/8" to 1-1/4", non-ferrous metal & aluminum 1/8" to 1/2".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259320</b>	T211HF	10	3"	5	<b>WEB</b>

Metal cutting. Straight cuts in medium thin ferrous & non-ferrous metals 5/64" to 7/32".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259203</b>	T118EF	10	3-5/8"	5	<b>WEB</b>

Metal cutting. Fast, straight cuts in aluminum 3/16" to 5/8", fiberglass 3/16" to 3/4", plastic 3/16" to 1-1/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259251</b>	T127DF	8	4"	5	<b>WEB</b>

### 5-Piece T-Shank Bi-metal Jig Saw Blades

**DEWALT** 3"-4"L blades for wood (fast, fast/clean & clean cuts), laminate (downcuts) & metal (medium cuts). High-carbon steel gives optimal flexibility in wood. Bi-metal steel strength in metal. 6-18 tpi taper-ground teeth designed for speed & precision. Fits all saws.

Stk.	Mfr.	Price
<b>243057</b>	DW3795H	<b>WEB</b>

### 30-Piece T-Shank Bi-metal/HSS Jig Saw Blade Set

**BOSCH** Cuts metal & wood.

**Includes** 5 ea. of (118AF, 118EF, 127DF, 211HF, T101B & 111CF).

Stk.	Mfr.	Price
<b>544848</b>	MW-20BIM	<b>WEB</b>



## T-Shank High Carbon Steel Jig Saw Blades BOSCH

For fast clean cuts of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259069</b>	T101D	6	4"	5	<b>WEB</b>

For fast fine cuts in hard & softwood, particleboard, laminated particleboard 3/16" to 2-3/8" & plastics 3/16" to 1-1/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259405</b>	T301CD	8	4-5/8"	5	<b>WEB</b>

For fast rough curve cuts to 2-3/8" of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259402</b>	T244D	6	4"	5	<b>WEB</b>

For fast rough cuts to 2-3/8" of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259268</b>	T144D	6	4"	5	<b>WEB</b>

For fine cuts of wood, plywood & veneer.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259065</b>	T101AO	20	3"	5	<b>WEB</b>

For medium rough cuts to 2-3/8" of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259134</b>	T111C	8	4"	5	<b>WEB</b>

For very clean cuts of wood.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259067</b>	T101B	10	4"	5	<b>WEB</b>



## 25-Piece T-shank Jig Saw Blade Set

**Festool Includes** 25 blades (5 wood fine cut, 5 wood universal, 5 wood straight cut, 5 wood curves and 5 wood basic).

Stk.	Mfr.	Price
<b>404450</b>	204275	<b>WEB</b>

## 30-Piece T-Shank High Carbon Steel Jig Saw Blade Set BOSCH

**Contractor Set** Cuts metal & wood. **Includes** 3 sets of 4"L blades (10 of T101B & 5 ea. of T#'s 101D, 144D) & 2 sets of 3"L blades (5 ea. of T#'s 118A, 118B).

Stk.	Mfr.	Price
<b>259274</b>	T30C	<b>WEB</b>

**Woodworking Set** **Includes** 3 sets of 4"L blades (10 ea. of T#'s 101B, 101D & 144D).

Stk.	Mfr.	Price
<b>259275</b>	T30W	<b>WEB</b>

## 5-Piece U-Shank Bi-metal Jig Saw Blade Set

**MORSE**

**Includes** 5 blades (1 ea. SB2718, SB2724, SB3606, SB3610 & SB3614).

Stk.	Mfr.	Price
<b>543205</b>	SBC01	<b>WEB</b>



## U-Shank HSS Jig Saw Blades Makita

For cutting coarse wood up to 2".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>511826</b>	723024-6-2	8	3-7/32"	2	<b>WEB</b>

For fast finish work.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>511800</b>	723010-7-2	9	3-7/32"	2	<b>WEB</b>



## U-Shank Steel Jig Saw Blade BOSCH

For straight fine cuts in hard and softwood, plastics, OSB, plywood, laminated particleboard 3/16" to 1-1/4".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259406</b>	U101B	10	3-5/8"	5	<b>WEB</b>

For fast coarse cuts in softwoods, OSB and plywood 3/16" to 2".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259407</b>	U111C	8	3-5/8"	5	<b>WEB</b>

For straight cuts in hard wood with nails, OSB, plastic 1/4" to 2-3/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259408</b>	U111DF	6	4"	5	<b>WEB</b>

Includes U101B, U101D, U101AO, U118A and U118B.

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259409</b>	U502A5	Asst.	Asst.	5	<b>WEB</b>

For straight cuts in sheet metal 10-16 ga. and ferrous and nonferrous thin metals 1/16" to 1/8".

Stk.	Mfr.	TPI	Length	Qty.	Price
<b>259410</b>	U118A	17-24	3-1/8"	5	<b>WEB</b>

## 10-Piece U-Shank High Carbon Steel Jig Saw Blade Set

**DEWALT** 3"-4"L blades for wood (fast, fast/clean, fine & scrolling cuts) & laminate (downcuts). High-carbon steel for optimal flexibility in wood. 6-12 tpi taper-ground teeth designed for speed & precision. Fits all saws.

Stk.	Mfr.	Price
<b>243058</b>	DW3744C	<b>WEB</b>



## Hook Shank HSS Jig Saw Blades PORTER+CABLE

For extra smooth wood-cutting.

Stk.	Mfr.	TPI	Length	Width	Price
<b>626562</b>	12320	20	3"	3/16"	<b>WEB</b>

For smooth scroll & circular cutting, Masonite, plywood, soft & hard grain trim stock & plastics.

Stk.	Mfr.	TPI	Length	Width	Price
<b>627046</b>	12379	10	3-1/2"	1/4"	<b>WEB</b>

## RECIPROCATING SAWS



### Bosch 12 Amp Compact Demolition Reciprocating Saw

**BOSCH** Ultra compact size allows easy cutting in challenging positions, while high power-

to-weight ratio and Constant Orbital Action enable fast cutting in all types of materials. Variable speed trigger improves cutting control, fixed foot provides a solid design for the toughest applications. Soft ergonomic handle for comfort and gripping during cutting. Blade change system improves reliability.

Size 17.8"L. Weight 7 lbs.

**Includes** blade and molded case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>258956</b>	RS325	12	0 - 2,800	1"	<b>WEB</b>



### Skil 20V PWRCORE 20™ Reciprocating Saw

**SKIL** Efficiently and quickly cuts through wood and tough metal piping thanks to its digital brushless 20V motor. Linear mode for clean cuts and orbital mode for aggressive cuts. Pivoting adjustable shoe extends blade life and control depth of cut. Spindle lock enables you to quickly and securely change blades without tools. Counterweights for the gear box reduce vibration for more comfortable work.

Size 17"L. Weight 6.28 lbs.

**Includes** battery, charger, wood cutting blade, power adapter and USB adapter.

Stk.	Mfr.	Volts	SPM	Stroke	Price
<b>260332</b>	RS5884	20	0 - 2,700	1-1/8"	<b>WEB</b>



### DeWalt 20V MAX Cordless Reciprocating Saw Kit

**DEWALT** VS trigger delivers up to 3000 SPM, allowing you to match speed with application and a 1-1/8" stroke length for fast cutting.

The keyless lever-action 4-position blade clamp makes changing blades quick and allows for a variety of applications including flush cutting. The pivoting shoe provides leverage during cutting and extends blade life. Double oil sealed shaft resists contamination and increases durability. Rubber over molded comfort grip delivers optimal comfort and control.

Size 18"L. Weight 7.35 lbs.

**Includes** Li-Ion battery, charger and molded case.

Stk.	Mfr.	Volts	SPM	Stroke	Price
<b>242966</b>	DCS380PI	20	0 - 3,000	1-1/8"	<b>WEB</b>



### DeWalt 12 Amp VS Reciprocating Saw

**DEWALT** Powerful reciprocating saw with a variable speed trigger provides fast cutting for heavy-duty applications. Features a keyless, lever-action, 4-position blade clamp for flush cutting and versatility.

Size 17.5"L. Weight 7 lbs.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>242993</b>	DWE305	12	2,900	1-1/8"	<b>WEB</b>



### Milwaukee 18V M18™ Reciprocating Saw Kit

**Milwaukee** Saw delivers unmatched durability, speed and run-time. The all-metal gearing and

REDLINK™ Intelligence provide ultimate performance and protection against jobsite conditions. The slim front end design provides improved ergonomics, offering maximum comfort and control. Counter balance mechanism reduces vibration for more control and less fatigue. QUIK-LOK™ blade clamp offers quick changes. The REDLITHIUM™ battery pack provides long run time.

Size 19"L. Weight 8.9 lbs.

**Includes** battery, multi-voltage charger, blade and molded case.

Stk.	Mfr.	Volts	SPM	Stroke	Price
<b>575431</b>	2621-21	18	0 - 3,000	1-1/8"	<b>WEB</b>



### Milwaukee 12 Amp VS Sawzall Reciprocating Saw

**Milwaukee** Lightweight, but powerful 3/4" stroke saw is counterbalanced for smoother cutting

and less vibration. Unique gear-protecting clutch absorbs high impact forces to extend tool life. Quik-Lok® blade clamp offers fast, tool-free changes. Ergonomic front grip for user comfort.

Size 19"L. Weight 3.5 lbs.

**Includes** molded case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>576073</b>	6509-31	12	0 - 3,000	3/4"	<b>WEB</b>



### Milwaukee 12 Amp VS Sawzall Reciprocating Saw

**Milwaukee** Lightweight, but powerful 1-1/8" stroke saw is counterbalanced for smoother

cutting and less vibration. Unique gear-protecting clutch absorbs high impact forces to extend tool life. Quik-Lok® blade clamp offers fast, tool-free changes. Ergonomic front grip for user comfort.

Size 19"L. Weight 3.5 lbs.

**Includes** molded case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>576092</b>	6519-31	12	0 - 3,000	1-1/8"	<b>WEB</b>



### Milwaukee 13 Amp VS Super Sawzall Kit

**Milwaukee** High powered motor offers orbital cutting action with a variable speed trigger for fast cutting and less time on the job. Counter-

balanced for smoother operation with less vibration. Unique gear-protecting clutch absorbs high impacts, extending the life of the tool. Cushioned grip handle for superior gripping and operator comfort. Keyless adjustable shoe for better control and longer blade life. Heavy-duty Quik-Lok® blade clamp offers fast, tool-free changes.

Size 18-3/4"L. Weight 9.8 lbs.

**Includes** 2 blades and molded case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>576147</b>	6536-21	13	0 - 3,000	1-1/4"	<b>WEB</b>





### Porter Cable 8.5 Amp Orbital Reciprocating Tigersaw

**PORTER+CABLE** Heavy-duty 3,200 spm

motor for effective cutting in a variety of applications. Orbital action allows for more aggressive cutting tasks. Twist lock, tool-free blade changes. Tool-free adjustable shoe depth prolongs blade life. Pivoting adjustable shoe easily maneuvers around objects while cutting.

Weight 7.4 lbs.

**Includes** blade and molded case.

Stk.	Mfr.	Amps	SPM	Stroke	Price
<b>626678</b>	PC85TRSOK	8.5	3,200	1-1/8"	<b>WEB</b>



### Bi-metal Reciprocating Saw Blade Set, 5-Piece

**MORSE** Designed to fit all popular machines that

take 1/2" shank. Bi-metal blades reduce breakage and last longer than conventional carbon and high-speed blades.

**Includes** 5 blades (1 wood-cutting and 4 metal-cutting).

Stk.	Mfr.	Price
<b>543188</b>	RBPO1	<b>WEB</b>



### Edge™ Reciprocating Saw Blade Set, 9-Piece

**BOSCH** Bi-metal Edge blades start sharp, stay sharp and last longer than standard reciprocating saw blades. For wood with nails, all-purpose and metal applications.

**Includes** 2 metal-cutting blades (6" x 8/10 tpi), 3 all-purpose (6" x 8/14 tpi), 4 wood/nail blades (3 ea. 6" x 6/12 tpi, 1 ea. 9" x 6/12 tpi) and case.

Stk.	Mfr.	Length	Price
<b>259475</b>	RSE009	6", 9"	<b>WEB</b>



### Reciprocating Saw Blade Set, 10-Piece

**Milwaukee** **Includes** 3 wood cutting blades (2 ea. 6", 1 ea. 9"), 7 metal cutting blades (3 ea. 6" x 14 tpi, 3 ea. 6" x 24 tpi, 1 ea. 9" x 18 tpi) and case.

Stk.	Mfr.	Price
<b>577583</b>	49-22-1110	<b>WEB</b>



### Demolition Sawzall Blade 12-Piece Set

**Milwaukee**

**Includes** case plus, 6 Torch® metal-cutting blades (4 ea. 6" x 18 tpi and 2 ea. 9" x 14 tpi), 2 Wrecker™ general demolition blades (6" x 8 tpi) and 2 ea. Ax™ blades for nail-embedded wood (6" and 9" x 5/8 tpi).

Stk.	Mfr.	Price
<b>577581</b>	49-22-1129	<b>WEB</b>



### High Speed Steel Reciprocating Saw Blades

**Skita**

For fast, rough-in cuts in wood, plywood, particleboard, plastic (1/4" - 4").

Stk.	Mfr.	TPI	Length	Thick.	Price
<b>511829</b>	723050-A-5	6	6"	.050"	<b>WEB</b>

For heavy gauge metal (1/8" - 3/16") and hard rubber.

Stk.	Mfr.	TPI	Length	Thick.	Price
<b>511830</b>	723063-A-5	18	4"	.035"	<b>WEB</b>



### Straight Back Bi-Metal Reciprocating Blades

**DEWALT**

For heavy gauge metal.

Stk.	Mfr.	TPI	Length	Price
<b>243130</b>	DW4808	14	6"	<b>WEB</b>

For mild steel.

Stk.	Mfr.	TPI	Length	Price
<b>243131</b>	DW4811	18	6"	<b>WEB</b>

For metal trim cuts.

Stk.	Mfr.	TPI	Length	Price
<b>243132</b>	DW4813	24	6"	<b>WEB</b>



412002



412005

### STEEL DEMON™ Bi-Metal Reciprocating Blades

**Diablo** Features nonstick Perma-Shield® coating for less heat, gumming and corrosion and Liquid Metal Technology™ for increased hardness of cutting edge provided maximum durability and speed.

For metals 3/32" to 5/16".

Stk.	Mfr.	TPI	Length	Width	Thick.	Qty.	Price
<b>412001</b>	DS0414BF5	14/18	4"	1"	.035"	5	<b>WEB</b>
<b>412002</b>	DS0614BF5	14/18	6"	1"	.035"	5	<b>WEB</b>
<b>412003</b>	DS0914BF5	14/18	9"	1"	.035"	5	<b>WEB</b>
<b>412004</b>	DS1214BF5	14/18	12"	1"	.035"	5	<b>WEB</b>

For metal demolition 1/8" to 1/2". Oversized body for straighter cuts with less vibration.

Stk.	Mfr.	TPI	Length	Width	Thick.	Qty.	Price
<b>412005</b>	DS0608BFD5	8/10	6"	3/4"	.063"	5	<b>WEB</b>
<b>412006</b>	DS0908BFD5	8/10	9"	3/4"	.063"	5	<b>WEB</b>



### Demo Demon™ Bi-Metal Reciprocating Blades

**Diablo** Aggressor variable-tooth design increases tpi from the shank to the tip for fast, easy cuts with less vibration. Easy-plunge tip.

For wood, wood composite and nail-embedded wood.

Stk.	Mfr.	TPI	Length	Width	Thick.	Qty.	Price
<b>412043</b>	DS0612BW5	6-12	6"	3/4"	.05"	5	<b>WEB</b>
<b>412044</b>	DS0912BW5	6-12	9"	3/4"	.05"	5	<b>WEB</b>
<b>412045</b>	DS1212BW5	6-12	12"	3/4"	.05"	5	<b>WEB</b>

For nail-embedded wood and metal.

Stk.	Mfr.	TPI	Length	Width	Thick.	Qty.	Price
<b>412046</b>	DS0914BGP5	8-14	9"	3/4"	.035"	5	<b>WEB</b>

**14-Piece Set Includes** case plus wood-cutting blades (4 ea. 6" and 1 ea. 9" x 6-12 tpi), metal-cutting blades (4 ea. 6" x 14-18 tpi), wood and metal blades (4 ea. 6" x 8-14/18 tpi and 1 ea. 9" x 10/14 tpi).

Stk.	Mfr.	TPI	Length	Width	Thick.	Qty.	Price
<b>412047</b>	DS0014S	6-12, 14-18, 8-14/18, 10/14	6" and 9"	3/4"	.035" and .05"	14	<b>WEB</b>



### Demo Demon™ Carbide Reciprocating Blades

**Diablo** Diablo TiCo™ Demo Demon™ Titanium Cobalt high-density carbide-tipped blades provide 10x the performance of standard blades. Features nonstick Perma-Shield® coating for less heat, gumming & corrosion, plus oversized demolition body for straighter cuts, less vibration.

For wood, wood composite & nail-embedded wood.

Stk.	Mfr.	TPI	Length	Width	Thickness	Price
<b>412022</b>	DS0606CWS	6	6"	1"	.05"	<b>WEB</b>
<b>412023</b>	DS0906CWS	6	9"	1"	.05"	<b>WEB</b>
<b>412024</b>	DS1206CWS	6	12"	1"	.05"	<b>WEB</b>

## CIRCULAR SAWS



### Dremel Ultra-Saw™ Tool Kit

**DREMEL** A mini circular saw for users who want a tool that can do everything the Saw-Max can do, and more. With a 7.5 Amp motor and a durable drive train, the Ultra-Saw has more power for making long cuts. A metal

foot and guard resists the heat generated by heavy-duty jobs like grinding and cutting metal. Excellent line of sight for precise, confident cuts.

Blade 3-1/2" to 4". Weight 4.62 lbs.

**Includes** 3 blades.

Stk.	Mfr.	Amps	RPM	Price
<b>343577</b>	US40-04	7.5	13,000	<b>WEB</b>



### Rockwell 4-1/2" Compact Circular Saw

**Rockwell** Small, compact size for excellent maneuverability & portability. Easy-set depth gauge lever for quick setup and adjustments. Left-handed blade design for great cut-line visi-

bility. Built-in dust port and adapter allows you to connect your vacuum for a cleaner work environment.

Blade 4-1/2". Weight 5 lbs.

**Includes** blade, parallel guide, vacuum adapter and hex key.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>693819</b>	RK3441K	5	3/8"	3,500	<b>WEB</b>



### Makita 5-1/2" Circular Saw

**Makita** Powerful 8 amp motor for fast cutting action. The blade-left design improves visibility of cutting line, shaft lock for fast blade changes. Lightweight for increased maneuverability, electric brake for maximum productivity, lock-off button helps prevent accidental starts.

Blade 5-1/2". Weight 6.2 lbs.

**Includes** blade, rip fence and socket wrench.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>511470</b>	5005BA	8	5/8"	8,000	<b>WEB</b>



### Festool 6-1/4" TS 55 Plunge Cut Track Saw

**Festool** Top-class sawing system with guide rails, angle stop, splinter guard and extraction system. Concentrated torque helps maintain blade life. The cutting edge from 90° to 47° remains unchanged even when the saw bevels. Riving knife for safer work and simple positioning in existing joint. Angle adjustment with undercut function from -1° to 47°.

Blade diameter 6-1/4". Weight 9.92 lbs.

**Includes** 55" guide rail, hex key, fine tooth saw blade, sight window, splinterguard and Systainer SYS3 M 337.

Stk.	Mfr.	Volts	RPM	Price
<b>404635</b>	577014	120	2,000 - 5,200	<b>WEB</b>



### DeWalt 6-1/2" 20V MAX Circular Saw

**DEWALT** Lithium Ion battery-powered circular saw with a carbide-tipped blade operates at 5,150 rpms with a 0 to 50° bevel capacity on a lightweight and durable magnesium shoe. Rubber overmolded comfort grip delivers optimal bal-

ance and control to support users through tough jobs.

Blade 6-1/2". Weight 8.3 lbs.

**Includes** 20V MAX\* XR Premium Li-Ion Battery (5.0 Ah), fast charger, carbide-tipped blade and molded case.

**\*Maximum initial battery voltage (measured without workload) is 20V. Nominal voltage is 18.**

Stk.	Mfr.	Volts	Arbor	RPM	Price
<b>242968</b>	DCS391PI	20	5/8"	5,150	<b>WEB</b>



### Skil 6-1/2" 20V PWRCORE 20™ Circular Saw

**SKIL** The ultrathin blade has 24 carbide-tipped teeth for quick and accurate cuts. A digital 20V brushless motor keeps projects on track. Adjust the bevel from 0-50° for a variety of cuts. The electric brake reduces downtime between cuts by quickly

stopping the blade. The PWRCORE 20™ lithium battery gives you 25% longer run time and 2X battery life thanks to the technology that wraps each cell with cooling material.

Blade 6-1/2". Weight 5.7 lbs.

**Includes** USB adapter, battery, charger, carbide blade, allen key and vacuum adaptor.

Stk.	Mfr.	Volts	Arbor	RPM	Price
<b>260330</b>	CR5413-1A	20	5/8"	5,400	<b>WEB</b>



### Bosch 7-1/4" Circular Saw Kit

**BOSCH** Integrated powerful blower and quadrant angle-designed system quickly removes dust for a clear line of sight. 15 amp motor and lightweight magnesium upper and lower guards ensures faster cuts and superior balance. High-strength composite footplate, textured soft grip, adjustable depth and bevel levers, 56° bevel capacity for steep pitch cuts.

Blade 7-1/4". Weight 10.2 lbs.

**Includes** blade, wrench and tool bag.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>258938</b>	CS10	15	5/8"	5,600	<b>WEB</b>



### DeWalt 7-1/4" Circular Saw with Electric Brake

**DEWALT** Among the lightest saws in its class, the 15 amp motor delivers power for even the toughest applications, while the electric brake stops the blade after trigger is released. The ball bearing lower guard

provides long life in harsh environments. Depth of cut capacity of 2-9/16", 57° beveling capacity with stops at 45° and 22.5°. Durable aluminum smooth base for accurate cuts, integrated dust blower clears line of sight, patented cord protection system and on-board blade wrench storage.

Blade 7-1/4". Weight 8.8 lbs.

**Includes** blade wrench, blade and tool bag.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>243054</b>	DWE575SB	15	5/8"	5,200	<b>WEB</b>



### DeWalt 7-1/4" Worm Drive Circular Saw

**DEWALT** Lightweight magnesium and aluminum constructed builder's saw with worm drive offers optimum user handling, comfort, and strength and includes an electric brake which stops the blade after the trigger is released. Extra wide sawhook accepts materials up to 2-3/4".

Blade 7-1/4". Weight 13.8 lbs.

**Includes** blade and wrench.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>243256</b>	DWS535B	15	5/8"	4,800	<b>WEB</b>



### Makita 7-1/4" Circular Saw with Brake

**Makita** Ideal for framers and builders, the powerful 15 Amp motor delivers 5,800 RPM for proven performance and jobsite durability, along with a well-balanced design for superior handling and performance. Two built-in LEDs and a built-in dust blower improve cut line accuracy. Centrifugal fan and baffle system for efficient motor cooling and all-ball bearing construction prolongs tool life. Electric brake, double insulated, AC/DC switch for use with alternative power sources.

Blade 7-1/4". Weight 11.1 lbs.

**Includes** blade and blade wrench.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>511368</b>	5007FA	15	5/8"	5,800	<b>WEB</b>



### Makita 7-1/4" Hypoid Circular Saw

**Makita** Engineered for framing walls, siding, roofs and floors using a range of dimensional and engineered lumber. Makita's efficient hypoid gears have greater surface contact and deliver more constant power. The oil bath technology and sealed gear housing are engineered for less maintenance, with high quality heat treated hypoid gears for long lasting performance. Comfort grip handle improves control, push-button, easy blade change spindle lock, externally-accessible brushes, lower guard improves bevel and narrow cut performance.

Blade 7-1/4". Weight 13.9 lbs.

**Includes** blade and wrench.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>511418</b>	5477NB	15	5/8"	4,500	<b>WEB</b>



### Metabo HPT 7-1/4" Circular Saw

**Metabo HPT** This circular saw is lightweight at only 9.5 lbs, but has a powerful 15 Amp motor that cuts quickly and smoothly through OSB, 2x4's, LVL, plywood and other typical framing materials. The heavy-duty 1-piece aluminum die-cast base features large easy-to-read scales on the front and side. An integrated dust blower ensures a clear line of site and a clean work surface while cutting.

Blade 7-1/4". Weight 9.5 lbs.

**Includes** blade, wrench and bag.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>616506</b>	C7SB3M	15	5/8"	6,000	<b>WEB</b>



### Milwaukee 7-1/4" Circular Saw Kit

**Milwaukee** Saw locks into 8 different positions to adapt to the cutting application. Its 3.25 HP motor cuts through tough materials with ease including headers, microlams and wet lumber. Durable steel helical gears, heavy-duty armature, glass-filled motor housing, aircraft aluminum shoe, extra-tough cord set and 22 amp high-capacity switch. Features a cushion front grip/rear handle made for maximum comfort and control, clear sightline for superior blade visibility from either side, bevel scale faces operator, 1-touch spindle lock.

Blade 7-1/4". Weight 10.4 lbs.

**Includes** Tilt-Lok handle, blade, wrench and molded case.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>576000</b>	6390-21	15	5/8"	5,800	<b>WEB</b>



### Porter Cable 7-1/4" Heavy-Duty Circular Saw

**PORTER+CABLE** 15 Amp motor running at 5,500 RPM provides power and speed to complete cutting applications. Steel shoe, metal upper and lower guards provide added durability.

Blade 7-1/4". Weight 9.5 lbs.

Stk.	Mfr.	Amps	Arbor	RPM	Price
<b>626631</b>	PCE300	15	5/8"	5,500	<b>WEB</b>



### Skil 7-1/4" Circular Saw

**SKIL** The model 5180 circular saw slices through 2 x 4s and cuts plywood down to size. The integrated dust blower keeps the line of cut sawdust free so you can get the job done easily and accurately. The 51° bevel, with positive stop at 45°, gives you a wider variety of angle and miter cuts. Anti-sag lower guard reduces snags, 2-point line of sights for cutting straight lines with ease, on-tool wrench storage, spindle lock makes for easy blade changes.

Blade 7-1/4". Weight 7.2 lbs.

**Includes** blade and wrench.

Stk.	Mfr.	Amps	Arbor	Price
<b>260461</b>	5180-01	14	5/8"	<b>WEB</b>



### SKILSAW® 7-1/4" Worm Drive Saw

**SKIL** The original worm drive saw, often called the saw that built America, is 1 lb. lighter than its predecessor; this saw combines the power and durability expected from SKILSAW

with jobsite-proven, pro-focused features. Best-in-class Dual-Field™ motor, engineered specifically for saws, increases cooling and extends tool life. Cut-ready™ depth-of-cut system helps with quick, accurate depth adjustments.

Blade 7-1/4". Weight 14.2 lb.

**Includes** blade and wrench.

Stk.	Mfr.	Amps	Arbor	Price
<b>260442</b>	SPT77W-01	15	Diamond	<b>WEB</b>



### Porter Cable 4-1/2" Circular Saw Blade, 24 T

**PORTER+CABLE** General purpose wood cutting saw blade made exclusively for the Porter Cable PCE381 Corded Circular saw. The 4-1/2" blade features a 10mm arbor and carbide teeth for long life.

Stk.	Mfr.	Dia.	Teeth	Arbor	Price
<b>626642</b>	PC412TCT	4-1/2"	24	10mm	<b>WEB</b>





### Carbide-tipped Circular Saw Blades

**DEWALT**

#### General Purpose Combination Blades

Stk.	Mfr.	Dia.	Teeth	Arbor	Price
<b>243105</b>	DW3174	7-1/4"	20	5/8"	<b>WEB</b>
<b>243106</b>	DW3191	7-1/4"	18	5/8"	<b>WEB</b>
<b>412031</b>	D0724X	7-1/4"	24	5/8"	<b>WEB</b>
<b>412032</b>	D0840X	8"-8-1/4"	40	5/8"	<b>WEB</b>

#### Classic Series Blades

Stk.	Mfr.	Dia.	Teeth	Arbor	Price
<b>452670</b>	I5120	6-1/2"	24	5/8"	<b>WEB</b>
<b>452675</b>	I5130	7-1/4"	24	5/8"	<b>WEB</b>
<b>452685</b>	I5230ZR	7-1/4"	40	5/8"	<b>WEB</b>

#### Marathon® Series Blades

Stk.	Mfr.	Dia.	Teeth	Arbor	Price
<b>452686</b>	I4030	7-1/4"	24	5/8" Diamond	<b>WEB</b>
<b>452687</b>	I4031	7-1/4"	40	5/8" Diamond	<b>WEB</b>
<b>452688</b>	I4050ZR	8"-8-1/4"	30	5/8" Diamond	<b>WEB</b>



### Cross Cut Saw Blade

**DEWALT** ToughTrack™ tooth design is engineered to deliver straight, accurate cuts over the life of the blade. Body slots reduce vibration, which works with the blade's thin kerf design to deliver exceptional user feel.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Price
<b>242831</b>	DWA181440	8-1/4"	5/8"	40	<b>WEB</b>

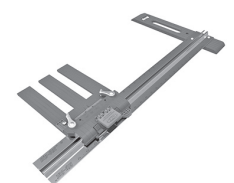


### NGX Clamp Edge Saw Guide

**Bora** It's never been easier to rip, cut and break down material than with the all-new NGX Clamp Edge™ System. No more fumbling with adjustable clamp ends on opposite

sides of the straight edge. The adjustable clamp is connected to the handle. Simply hook the clamp edge across your board, line it up with your cut, and clamp it down.

Stk.	Mfr.	Length	Price
<b>193635</b>	544024	24"	<b>WEB</b>
<b>193636</b>	544036	36"	<b>WEB</b>
<b>193637</b>	544050	50"	<b>WEB</b>



### Rip-Cut™ Saw Guide

**Kreg** Turn your circular saw into a precision edge-guided cutting tool that makes straight, repeatable cuts in plywood, MDF and other large sheets. The built-in measuring scale speeds cutting; just lock the saw sled at your desired cut width, and you're all set. Make rip cuts and

crosscuts up to 24"W. For left- or right-handed use.

**Includes** universal saw sled, 30"L aluminum guide rail and precision edge guide.

Stk.	Mfr.	Price
<b>793927</b>	KMA2685	<b>WEB</b>



### Precision Bit & Blade Setup Bars

**Kreg** Concave step on bottom straddles router bit or saw blade for precise height adjustment. Step on top gauges cut depth. Step end sets blade to fence, or bit to fence distance. Made from soft aluminum to prevent bit or blade damage.

**Includes** case and 7 setup bars: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Stk.	Mfr.	Price
<b>793904</b>	PRS3400	<b>WEB</b>



### Multipurpose Project Blocks

**Kreg**

Height 1-1/2". Capacity: 200 lbs. (set of 4).

**Includes** 4 blocks.

Stk.	Mfr.	Price
<b>793967</b>	KFS-PUCK	<b>WEB</b>

## PORTABLE BAND SAWS



### DeWalt 10 Amp VS Portable Band Saw

**DEWALT** Powerful 10 amp motor for various projects and cutting rectangular stock up to 5" deep. VS dial allows user to adjust speed for specific materials and various applications.

Superior balance and ergonomics allows for more accurate cuts and less user fatigue. Externally replaceable brushes allow for quick repairs. Blade tracking adjustment increases blade life, LED sight light illuminates cut line. Integrated hang hook protects front handle.

Blade .020" x 1/2" x 44-7/8". Size 21"L. Weight 15.0 lbs.

**Includes** hex wrench and blade.

Stk.	Mfr.	Amps	FPM	Price
<b>242980</b>	DWM120	10	100-350	<b>WEB</b>
<b>242981</b>	DWM120K	10	100-350	<b>WEB</b>

**242981** Includes molded case.

### Portable Band Saw Blades

**DEWALT** Bi-metal Matrix II blade. HSS edge for heat and wear resistance. 8% cobalt for added durability and wear. Rc 65-67 tooth hardness for increased wear resistance. Alloy steel backer for fatigue resistance. 3/pkg.

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>243061</b>	DW3982	1/2"	44-7/8"	.020"	14	<b>WEB</b>
<b>243062</b>	DW3983	1/2"	44-7/8"	.020"	18	<b>WEB</b>

## PORTABLE PLANERS



### Bosch 3-1/4" Portable Planer

**BOSCH** The PL1632 delivers performance for pros who need to plane doors or other surfaces quickly and evenly. The 6.5 Amp motor produces 16,500 RPM for fast stock removal and smooth finishes. The counterbalanced

blade design puts the blade at an ideal cutting angle and eliminates uneven planing. Planer-guidance system, spring-loaded stand protects the blade, dual-mount guide fence, ball-joint cord swivel.

Capacity 3-1/4"W x 1/16"D. Size 11.4"L. Weight 6.3 lbs.

**Includes** blade, dual-mount guide fence, no-mar plastic overshoe, shavings bag and blade wrench.

Stk.	Mfr.	Amps	RPM	Price
<b>258977</b>	PL1632	6.5	16,500	<b>WEB</b>





### DeWalt 3-1/4" Portable Planer

**DEWALT** With a 5.5 Amp motor, this powerful hand planer provides a smooth finish and precise cutting and edging to the hardest woods. Remove material fast at 34,000 cuts per minute. Ergonomic handle provides greater comfort and less user fatigue. Accepts industry-standard resharpen-

able blades for straight edging or framing applications. Kickstand protects work surface when the planer is placed at rest. The dust adapter directly connects to DeWalt vacuum cleaners.

Capacity 3-1/4"W x 1/16"D. Weight 6 lbs.

**Includes** 2 blades, rabbeting fence, blade depth setting gage, dust adapter socket wrench and molded case.

Stk.	Mfr.	Amps	RPM	Price
<b>243155</b>	D26677K	5.5	17,000	<b>WEB</b>



### Festool 3-1/4" Portable Planer

**Festool** The planer allows flush cuts to an adjacent surface thanks to it's ability to plane across the entire width of the rabbet. The

planer head is asymmetrically mounted allowing flush cuts with the inside of the planer housing. A retractable side guard makes this setup easy and safe.

Capacity: 3-1/4"W x 9/64"D. Weight 8.6 lbs.

**Includes** parallel stop, standard planer head, solid carbide standard blade, rabbet depth guide and T-Loc Systainer 3.

Stk.	Mfr.	Amps	RPM	Price
<b>404648</b>	576612	7	10,000	<b>WEB</b>



### Makita 3-1/4" Portable Planer

**Makita** The KP0810 delivers power, cutting capacity and ease of use. It's ideal for professional construction framing, window and door installation, and fine woodworking. Two-blade cutter head

with 16,000 RPM delivers smooth finish and fast stock removal. Ergonomically designed rubberized grip and depth adjustment knob for comfort and control. Rigid die-cast aluminum housing supports planer drum for increased durability.

Capacity 3-1/4"W x 5/32"D. Size 11-3/8"L. Weight 7.2 lbs.

**Includes** 2 planer blades, blade gauge, socket wrench and guide rule.

Stk.	Mfr.	Amps	RPM	Price
<b>511358</b>	KP0810	7.5	16,000	<b>WEB</b>

### Portable Planer Blades

Stk.	Mfr.	Item	Qty.	Price
<b>258963</b>	PA1202	Bosch	2	<b>WEB</b>
<b>243112</b>	DW6654	DeWalt	2	<b>WEB</b>
<b>511350</b>	D-46246	Makita	2	<b>WEB</b>

## PLATE JOINERS



### DeWalt Plate Joiner

**DEWALT** The DW682K has a powerful 6.5 Amp motor for working with hard woods. Features a dual rack-and-pinion fence ensuring blade and fence parallelism for accurate joints

every time. Integral 1-piece fence is adjustable and tilts 0-90°. Flush cuts can be made at 0° without removing fence. Non-marring, heavy-duty aluminum shoe allows joiner to be clamped for stationary work.

Blade 4". Size 6.75"H. Weight 6.6 lbs.

**Includes** blade, dust bag, vacuum adapter, Torx® key, wrench and case.

Stk.	Mfr.	Amps	RPM	Price
<b>243008</b>	DW682K	6.5	10,000	<b>WEB</b>



### Festool Domino Joiner DF500QSET

**Festool** Includes a trim stop and cross stop for mortise and tenon joining that is fast, easy, and strong. A simple turn of the dial adjusts the mortise width for easier alignment. The pivoting fence allows for angled mortises from 0-90° with positive stops at 22.5°, 45°, 67.5°.

Weight: 7 lbs.

**Includes** cross stop, tools, support bracket, Systainer SYS 2 T-LOC, Systainer SYS3 M 187 and trim stop.

Stk.	Mfr.	Price
<b>404654</b>	576423	<b>WEB</b>



### Festool Domino Joiner DF700QSET

**Festool** Offers a more streamlined alternative to large-scale joinery. Simple to use, fast, accurate, and has a maximum tenon size of 5-1/2" (140 mm). Thicker and longer tenons allow you to quickly and precisely join large slabs, doors, and gates. Lightweight unit is

nimble enough for use anywhere in your classroom.

Weight: 11.5 lbs.

**Includes** cutter, support bracket, trim stop, cross stop, dowel box, open ended spanner and WAF 12 Systainer SYS3 M 437.

Stk.	Mfr.	RPM	Price
<b>404636</b>	576431	21,000	<b>WEB</b>



### Domino DF 700 XL Tenon Assortment

**Festool** Suitable for plywood and solid wood applications, the dense beech tenons will not expand or telegraph through material, leaving clean, flat and consistent surfaces. For the Domino DF 700 XL.

**Includes** 2 cutters (D8mm, D10mm) and tenons (8 x 50, 8 x 80, 8 x 100, 10 x 50, 10 x 80, 10 x 100mm) T-Loc SYSTAINER.

Stk.	Mfr.	Price
<b>404514</b>	498204	<b>WEB</b>



### Makita Plate Joiner

**Makita** The model PJ7000 combines power and precision with ease-of-use features for accurate biscuit joints for furniture making, cabinet construction and fine woodworking applications. Powerful 5.6 AMP motor for quick

and precise cutting in a variety of woods. The rack-and-pinion vertical fence system is engineered for accurate fence adjustments, and the cast aluminum pivot fence has 3 positive stops at 0°, 45° and 90°. Slim and ergonomic body design for added comfort, non-marring rubber inserts on shoe prevent material from slipping, cast aluminum front body for durability.

Blade 4". Size 11-7/8"L. Weight 5.5 lbs.

**Includes** blade, angle guide, dust bag, set plate, wrench and molded case.

Stk.	Mfr.	Amps	RPM	Price
<b>511409</b>	PJ7000	5.6	11,000	<b>WEB</b>



### Porter Cable Plate Joiner

**PORTER+CABLE** Offering 7 cutting settings to handle a variety of wood types for dependable performance. For optimum control and stability during cuts, the bale handle is attached to the fence rather than the motor. 1" O.D. dust port accepts standard bag or can be connected to a vacuum. Height scale accurate at any angle, micro height-adjustment knob, lock-on trigger.

Blade 2", 4". Size 7"H. Weight 7.5 lbs.

**Includes** 4" blade, centering plate, dust bag, chip deflector, allen wrench and case.

Stk.	Mfr.	Amps	RPM	Price
<b>623285</b>	557	7.5	10,000	<b>WEB</b>

### Plate Joiner Replacement Blade

**DEWALT**

Stk.	Mfr.	Item	Price
<b>243109</b>	DW6805	Dewalt 4" x 6 tpi	<b>WEB</b>
<b>624311</b>	5558	Porter Cable 4" x 6 tpi	<b>WEB</b>



### Biscuits

**DEWALT** Manufactured to the highest industry standards with 100% compressed Beech to deliver superior joint strength. Reusable container keeps biscuits fresh and dry.

Stk.	Mfr.	Size	Qty.	Price
<b>243140</b>	DW6804	0 (5/8" x 1-27/32")	150	<b>WEB</b>
<b>243141</b>	DW6815	10 (25/32" x 2-3/64")	125	<b>WEB</b>
<b>243142</b>	DW6825	20 (15/16" x 2-9/32")	100	<b>WEB</b>



### Wood Biscuits

**Richelieu** Die-cut from beechwood blanks, this biscuit is compressed for strength and crosshatched for better glue bonding. When used with any water-based glue, the biscuit swells within the joint to provide excellent holding power.

Stk.	Mfr.	Size	Qty.	Price
<b>686800</b>	90000	19/32"W x 1-27/32"L	1,000	<b>WEB</b>
<b>686801</b>	90010	3/4"W x 2-3/32"L	1,000	<b>WEB</b>
<b>686802</b>	90020	29/32"W x 2-3/8"L	1,000	<b>WEB</b>

## POCKET HOLE TOOLS & JIGS



### Kreg Pocket-Hole Jig® 520PRO

**Kreg** This jig is loaded with features, like the VersaGrip™ 360°-rotating handle that helps the 520PRO adapt easily to nearly any pocket hole project. VersaGrip™ also includes built-in clamping – just squeeze the handle until your material is clamped securely. With this flexible design, it works in almost

any orientation, so you can easily move the jig to any position, clamp it, and drill perfect pocket holes.

**Includes** jig, easy-set bit, driver bit, stop collar, hex wrench, 2" face clamp and 100 pocket-hole screws.

Stk.	Mfr.	Price
<b>793808</b>	KPHJ520PRO	<b>WEB</b>



### Kreg Pocket-Hole Jig® 720

**Kreg** The Pocket-Hole Jig 720 makes project building incredibly efficient. Automaxx™ one-motion clamping helps you save time and effort, by simultaneously clamping your workpiece and automatically adjusting to the exact thickness of your material (from 1/2" to 1-1/2"). GripMaxx™ anti-slip holds the project piece secure.

**Includes** jig, easy-set bit, driver bits (3", 6"), stop collar, hex wrench, material thickness gauge, dust collection blade and adapter and 60 pocket-hole screws.

Stk.	Mfr.	Price
<b>793809</b>	KPHJ720	<b>WEB</b>

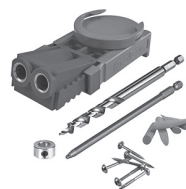


### Kreg Pocket-Hole Jig® 720PRO

**Kreg** Build pocket-hole projects faster than ever with the ultimate jig. Features like Automaxx™ 1-motion clamping help you save time and effort – by simultaneously clamping your workpiece and automatically adjusting to the exact thickness of your material (from 1/2" to 1-1/2"). GripMaxx™ anti-slip holds the project piece secure. The docking station with material support wings and a repeatable stop adds support when drilling into large pieces. A dust collection attachment keeps your workspace dust-free.

**Includes** jig, easy-set bit, driver bits (3", 6"), stop collar, hex wrench, material thickness gauge, dust collection blade and adapter, docking station with material support wings, jig clamp and 160 pocket-hole screws.

Stk.	Mfr.	Price
<b>793810</b>	KPHJ720PRO	<b>WEB</b>



### Kreg Jig® R3

**Kreg** Full-feature jig has 9-position settings and wood chip relief holes. Build bookcases, cabinets, plant stands, storage shelves and more. Hardened steel drill guides include a mfr.'s lifetime warranty.

**Includes** jig, drill bit, square-drive bit, depth collar, clamp adapter pad, allen wrench, screw and plug sample pack and case.

Stk.	Mfr.	Price
<b>793847</b>	R3	<b>WEB</b>



### Pocket Hole Jig 310

**Kreg** The 310 Jig features a hardened-steel drill guide and thickness stops for 1/2", 3/4", and 1-1/2" material, along with a material-thickness gauge and an easy-set drill bit that make setup simple. Durable construction and a lifetime drill-guide warranty ensure it will deliver years of performance.

**Includes** drill guide with stops, easy-set bit and stop collar, thickness gauge/wrench and 6" square-drive bit.

Stk.	Mfr.	Price
<b>793961</b>	KPHJ310	<b>WEB</b>

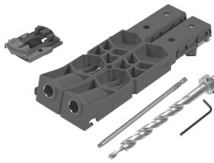


### Pocket Hole Jig 320

**Kreg** The 320 Jig features 2 hardened-steel drill guides, removable spacer, and thickness stops for 1/2", 3/4", and 1-1/2" material, along with a material-thickness gauge and an easy-set drill bit that make setup simple. Durable construction and a lifetime drill-guide warranty ensure it will deliver years of performance.

**Includes** 2 drill guides with stops, drill guide spacer, clamp adapter, easy-set bit and stop collar, thickness gauge/wrench, 6" square-drive bit, twenty 1-1/4" pocket-hole screws, twenty 2-1/2" Blue-Kote™ pocket-hole screws and case.

Stk.	Mfr.	Price
<b>793962</b>	KPHJ320	<b>WEB</b>



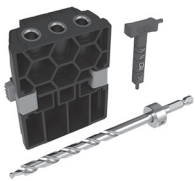
### Pocket Hole Jig XL

**Kreg** The two hardened-steel drill guides position a pair of pocket holes at the perfect spacing for 2x4 or 4x4 boards. They can also be used individually by easily twisting them apart. Stops have an adjustable thickness and

the GripMaxx™ material ensure you'll have accurate, secure jig positioning. The included clamp pad adapter secures your jig easily with Kreg clamps and other brands.

**Includes** jig, 1/2" dia. XL stepped drill bit, 6" #3 XL square driver bit, stop collar and hex wrench.

Stk.	Mfr.	Price
<b>793963</b>	KPHJ920	<b>WEB</b>



### Micro-Pocket™ Drill Guide Kit 530

**Kreg** Works great in virtually every application where you'd use standard pocket holes, and are especially good for 1/2" (12mm) thick material and narrow stock, down to 1" (25mm) wide. Because the bit removes less material, drill strokes are faster and easier. For use with 500-Series Pocket-Hole Jigs.

Compatible with Kreg® pan-head pocket-hole screws.

**Includes** drill guide block, drill bit, stop collar and material thickness gauge.

Stk.	Mfr.	Price
<b>793816</b>	KPHA530	<b>WEB</b>



### Micro-Pocket™ Drill Guide Kit 730

**Kreg** Works great in virtually every application where you'd use standard pocket holes, and are especially good for 1/2" (12mm) thick material and narrow stock, down to 1" (25mm) wide. Compatible with the Kreg Pocket-Hole Jig 720 and 720PRO.

**Includes** guide block, drill bit, stop collar and material thickness gauge.

Stk.	Mfr.	Price
<b>793820</b>	KPHA730	<b>WEB</b>



### Kreg Jig® Mini Kit

**Kreg** Single drill guide jig is the most positionable pocket hole tool. Designed without a reference fence, material thickness adjustments must be made manually. This fenceless design allows you to make precise angle and stock depth adjustments as needed.

**Includes** mini jig, stepped drill bit and 6" square-drive bit.

Stk.	Mfr.	Price
<b>793855</b>	MKJKIT	<b>WEB</b>



### E-Z Pro™ Pocket Hole Jig Kit

**General** Create 3 types of professional pocket joints with accuracy and ease. Ideal for building cabinets, furniture and other woodworking projects. Heavy-duty aluminum body with hardened steel drill bushings and built-in clamping system. Portable or bench mount.

**Includes** clamping system, 3/8" step drill bit and drill stop with wrench, 6" square drive bit, screws, instructions and DIY project plans.

Stk.	Mfr.	Price
<b>419632</b>	849	<b>WEB</b>



### Custom Plug Cutter Drill Guide Kit

**Kreg** Take your 700-Series Pocket-Hole Jig to the next level by creating custom plugs from any wood. With this drill guide kit, you can hide prominent pocket holes in your projects with perfectly matched plugs made from any wood you choose.

**Includes** drill guide block, plug cutter drill bit, stop collar and hex wrench.

Stk.	Mfr.	Price
<b>793811</b>	KPHA740	<b>WEB</b>



### Custom Plug Cutting Bit

**Kreg** Bit works with the Custom Pocket-Hole Plug Cutter to create plugs to match your project. The positive stop collar ensures perfect drilling depth. Special fluting reduces heat and friction for better plugs and longer bit life. The multi-tooth cutting tip shears cleanly to produce smooth, consistent plugs.

Stk.	Mfr.	Item	Shank	Price
<b>793952</b>	KPC1020	Custom (Standard)	3/8"	<b>WEB</b>
<b>793953</b>	KPC1040	Micro-Pocket™	3/8"	<b>WEB</b>
<b>793954</b>	KPC1060	Heavy-Duty (HD)	3/8"	<b>WEB</b>



### Drill Bit Guide

**Kreg** Create straight, accurate holes without a drill press. Easily fitting into any pocket, the 6 hardened-steel guides range from 1/8" to 1/2" and hold the drill bit perpendicular while you use just a hand drill. Alignment marks help you line up perfectly every time and the GripMaxx™ surface keeps everything in place.

**Includes** drilling guide.

Stk.	Mfr.	Price
<b>793969</b>	KDG-6000	<b>WEB</b>



### 90° Pocket Hole Driver

**Kreg**

**Includes** driver and 3" #2 square-drive bit.

Stk.	Mfr.	Price
<b>793971</b>	KDRV-90DG	<b>WEB</b>



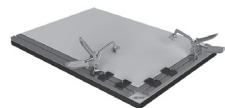
### Foreman Pocket Hole Machine

**Kreg** This pocket-hole machine is packed with features that will have your students building with twice the speed and half the effort of a standard pocket-hole jig. This simple machine drills a precise pocket hole at the perfect depth. Built-in storage and dust collection. Polyurethane base with cast-aluminum tabletop.

Material capacity: 1/2" - 1-1/2"T. Tabletop 14" x 23-1/2". Tool size 15"H x 19"L x 29-1/2"D. Tool weight 20 lbs.

**Includes** dust-collection attachment, drill bit and guide, bit setting block and hex wrench.

Stk.	Mfr.	Volts	Price
<b>793912</b>	DB210	110	<b>WEB</b>



### Klump Table

**Kreg** Table provides the ultimate clamping solution. Whether joining, sawing, sanding, or routing, having a table that was designed and built with clamping as its primary focus makes

all the difference. Bench clamps adjust to match material thickness automatically with a simple squeeze of handles and can be quickly removed to regain your flat work surface. Replaceable melamine work surface. Heavy-duty steel stand includes levelers to compensate for uneven floors.

**Klump Table** Size 21-3/4"W x 33-3/4"D

**Includes** table, two 3" bench clamps, 2 lengths of Clamp Trak, 5 clamp blocks and hardware.

Stk.	Mfr.	Price
<b>793943</b>	KCT	<b>WEB</b>

**Klump Table and Stand** Size 20"W x 28"D x 31" to 39"H

**Includes** stand, table, two 3" bench clamps, 2 lengths of Clamp Trak, 5 clamp blocks and hardware.

Stk.	Mfr.	Price
<b>793944</b>	KCT-COMBO	<b>WEB</b>



### Multi-Purpose Shop Stand

**Kreg** Durable stand is made from heavy 12- and 16-gauge steel and can be adjusted from 29" to 35" in height. The perfect foundation for all Kreg® table top solutions. You can also use it to create a custom tool or work stand for your shop.

**Includes** 4 leveling feet and assembly hardware.

Stk.	Mfr.	Price
<b>793919</b>	KRS1035	<b>WEB</b>



### Face Clamps™

**Kreg** Ensures perfectly flush joints. Large pad on arm is placed directly across the top of the joint. Rugged dual-purpose clamp features large comfort-grip handle and deep throat.

Stk.	Mfr.	Throat	Price
<b>793931</b>	KHC-MICRO	2"D	<b>WEB</b>
<b>793864</b>	KHC-PREMIUM	3"D	<b>WEB</b>



### Right Angle Clamp

**Kreg** Make 90° joints faster and easier thanks to Automaxx® auto-adjust technology. All-metal construction with ergonomic padded

grips to prevent hand fatigue. Adjustment knob provides easy-to-regulate clamping pressure.

Stk.	Mfr.	Throat	Price
<b>793942</b>	KHCRA	5"D	<b>WEB</b>



### Clamp Vise

**Kreg** Great for clamping pieces on edge and for holding large pieces on top of a bench. Clamp adjusts to match the material automatically. 7 adjustable height settings. Mounts to work surfaces from 1" to 2"T. Holds up to 400 lbs. of pressure.

**Includes** 3" bench clamp, clamp vise plate, 2 bench dogs, 2 clamp blocks and mounting hardware.

Stk.	Mfr.	Price
<b>793937</b>	KBC3-VISE	<b>WEB</b>



### 90° Corner Clamp

**Kreg** Square and secure joints easily with quick-adjust handle for stock thickness' up to 1". Swivel head with large clamping surface. Forged, heat-treated steel, cast aluminum "V" and wedge.

Stk.	Mfr.	Price
<b>793854</b>	KHCCC	<b>WEB</b>



### Wood Project Clamp

**Kreg** Quick, convenient clamping with automatic adjustment. Adjustment knob provides easy-to-regulate clamping pressure. Easily regulate clamping pressure with a simple thumbscrew. Compatible with Kreg Jig R3 Clamp Pad Adapter and Kreg Jig Portable Base, sold separately.

Stk.	Mfr.	Throat	Price
<b>793935</b>	KHC3	3"D	<b>WEB</b>
<b>793936</b>	KHC6	6"D	<b>WEB</b>



### Bench Clamp

**Kreg** Versatile clamp is perfect for creating flush-fitting assemblies with Kreg Joinery, and it's great for project assembly, routing, cutting, sanding, drilling and more. It adjusts to match material thickness automatically. Easily regulate clamping pressure with the simple thumbscrew.

Stk.	Mfr.	Size	Price
<b>793939</b>	KBC3	3"	<b>WEB</b>
<b>793940</b>	KBC6	6"	<b>WEB</b>



### Track Horse

**Kreg** Durable steel and aluminum work support features dual-mode clamping, adjustable legs and the ability to accept a sacrificial cutting surface. Provides secure clamping with the Kreg Bench Clamp that fits in the aluminum track, or in the ends of the leg. Adjustable to 6 working heights. It's portable and stores compactly. Supports 2,200 lbs. as a pair.

**Includes** Track Horse, 3" bench clamps, 2 support brackets and 2 track bushings with screws.

Stk.	Mfr.	Size	Qty.	Price
<b>793960</b>	KWS500	75"H x 33"W x 9.5"D	1	<b>WEB</b>





### Bench Clamp System

**Kreg** System creates a 360° clamping station that can be recessed into just about any wood surface, such as a workbench, sawhorse or worktable. Clamp adjusts to match material thickness (up to 3-3/4" T) automatically with a simple squeeze of the handles and allows easy regulation of clamping pressure with a simple thumbscrew.

**Includes** 3" bench clamp, aluminum clamp plate and mounting hardware.

Stk.	Mfr.	Price
<b>793941</b>	KBC3-SYS	<b>WEB</b>



### Heavy-Duty Bench Clamp System

**Kreg** For 360° clamping on the go, this system combines a 3" bench clamp with a powder-coated steel plate. Rubber feet allow this system to be used anywhere. Or, the plate can be recessed into a work surface. Clamp

adjusts to match material thickness (up to 3-1/4") automatically with a simple squeeze of the handles, whether the material is thick, thin, or in between. The clamp allows easy regulation of clamping pressure with a simple thumbscrew.

**Includes** 3" bench clamp and 1/4" x 10" x 10" steel plate.

Stk.	Mfr.	Price
<b>793938</b>	KBC3-HDSYS	<b>WEB</b>



### Klump Plate™

**Kreg** When paired w/Bench Klump™, plate provides a clamping station wherever needed. Route plate to the center of work bench, drill press or sawhorse.

**Includes** mounting hardware & instructions.

Stk.	Mfr.	Price
<b>793872</b>	KBK-IP	<b>WEB</b>



### Klump Trak™

**Kreg** Turn the entire length of your workbench into a clamping station. Seamless clamping plane (33-3/4" L aluminum extrusion) is perfect for quick positioning of Bench Klump™ and Klump Blocks™.

Stk.	Mfr.	Price
<b>793870</b>	KKS1020	<b>WEB</b>



### Klump Block™ Set

**Kreg** When used w/KlumpTrak™, these simple blocks quickly & easily register stock to the edge of the work space & bring the project into alignment. Also helps to center Bench Klump™ on the joint line.

**Includes** 5 plastic blocks & mounting hardware.

Stk.	Mfr.	Price
<b>793871</b>	KKS1030	<b>WEB</b>



### Multipurpose Project Blocks

**Kreg**

Height 1-1/2". Capacity: 200 lbs. (set of 4).

**Includes** 4 blocks.

Stk.	Mfr.	Price
<b>793967</b>	KFS-PUCK	<b>WEB</b>



### Bench Dogs

**Kreg** Reinforced 3/4" nylon bench dogs make projects easier. Each comes with a solid rubber Bench Brake™ for a solid, non-slip work surface. Painter's Point feature provides minimal surface contact for painting & finishing applications.

**Includes** (4) Bench Dogs & (4) Bench Brakes™.

Stk.	Mfr.	Price
<b>793894</b>	KKS1070	<b>WEB</b>



### Pocket-Hole Jig XL Drill Bit

**Kreg** The Kreg XL Drill Bit features easy-set design with etched material-thickness markings on the bit and a sight-window stop collar.

Works with the Pocket-Hole Jig XL, and as a replacement for the Kreg Jig HD Drill Bit to create XL pocket holes in 2 x 4 (1-1/2"-thick)

and 4 x 4 (3-1/2"-thick) materials with twice the strength as standard pocket holes. Hex shank works with standard and quick-change chucks.

**Includes** bit, stop collar and wrench.

Stk.	Mfr.	Price
<b>793966</b>	KPHA908	<b>WEB</b>



### DKDB Stepped Drill Bit

**Kreg** 1-piece bit eliminates clogging and provide a smoother, faster drilling stroke than drill bits with replaceable center drills. Colbalt steel bit for use with all manual Kreg DB55, DB110, D3100, DK1100 and DK5100 pocket-hole machines.

Stk.	Mfr.	Qty.	Price
<b>793812</b>	DKDB	1	<b>WEB</b>



### Easy-Set Pocket-Hole Drill Bit

**Kreg** Drill bit is the same 3/8" dia. stepped bit that comes with Kreg 300-Series Pocket-Hole Jigs. If you have a worn bit, or if you want to add another bit to your pocket-hole tool collection, this is the perfect choice.

Stk.	Mfr.	Qty.	Price
<b>793813</b>	KPHA300	1	<b>WEB</b>



### Quick-Flip Drill Bit

**Kreg** With this dual-action tool, you can quickly make pocket-hole joints using strong and high-quality Kreg Screws. Simply drill a pilot hole and 3/8" counterbored hole on one side, then flip the insert and drive the screw with the included #2 square-drive bit on the other side.

Stk.	Mfr.	Qty.	Price
<b>793970</b>	KDRV-FLIP	1	<b>WEB</b>



### Easy-Set Stop Collar & Material Gauge/Wrench Kit

**Kreg** Easy-set etched markings for 1/2", 3/4", 1-1/2" materials. Collar features a window that aligns with the engraved markings on the Kreg Easy-Set Pocket-Hole Drill Bit to make setting the bit at the correct depth easy for materials from 1/2" to 1-1/2" thick. A built-in hex wrench works to tighten the stop collar. Works with Pocket-hole jigs, K5, K4, K3, R3, Mini and Foreman.

Stk.	Mfr.	Price
<b>793814</b>	KPHA330	<b>WEB</b>



### Micro-Pocket™ Drill Bit with Stop Collar and Hex Wrench

**Kreg** Designed for use with the Micro-Pocket™ Drill Guide Kit (KPHA530 and KPHA730) to create 25% smaller pocket holes using 500-Series and 700-Series Pocket-Hole Jigs.

**Includes** drill bit, stop collar and material thickness gauge.

Stk.	Mfr.	Price
<b>793815</b>	KPHA540	<b>WEB</b>



### Cabinet Hardware Jig

**Kreg** Jig allows you to confidently drill straight, accurately positioned holes. Features moveable, hardened-steel drill guides that lock in place to align with common hole-spacing measurements for cabinet knobs and pulls.

**Includes** jig base, edge guide, 2 drill guides, 2 non-slip pads, 2 T-knobs and bolts and manual.

**Requires 3/16" (5mm) drill bit, sold separately.**

Stk.	Mfr.	Price
<b>793950</b>	KHI-PULL	<b>WEB</b>



### Cabinet Door Mounting Jig

**Kreg** This jig has a support arm that helps hold the door steady in one hand while you mount hinges with the other. The support can move in 9 positions, then simply clamp it to the cabinet and set the door in place. Works with left- and right-handed doors on face-frame and frame-

less cabinets from inset to 2" overlay at 1/4" increments.

**Includes** jig, support arm, 1/16" shim and 1/8" shim.

Stk.	Mfr.	Price
<b>793955</b>	KHI-CDIJ	<b>WEB</b>



### Concealed Hinge Jig

**Kreg** Easy-to-use jig ensures accurate hinge alignment, so you can install doors that fit and work well. Works with an ordinary drill and the included carbide tipped bit. Compatible with 35mm cup-style concealed hinges. Hinge offset 3, 4, 5 and

6mm. Hinge offset from door end 2" (50mm) to unlimited.

**Includes** jig base with index cams, drill guide, 35mm carbide-tipped drill bit and stop collar with hex wrench.

**1/16" bit is required to drill for hinge-mounting screws, sold separately.**

Stk.	Mfr.	Price
<b>793949</b>	KHI-HINGE	<b>WEB</b>



### Drawer Slide Jig

**Kreg** Jig takes the guesswork out of installing drawer slides. Easy-to-use jig holds slides in position as you drill mounting holes in the cabinet,

and it supports drawer boxes while mounting slides to the drawer.

Slide-length compatibility: 12"+. Minimum depth: 14".

**Includes** 2 brackets and 4 upper/lower sliders.

Stk.	Mfr.	Price
<b>793948</b>	KHI-SLIDE	<b>WEB</b>



### Shelf Pin Jig 1/4"

**Kreg** Create perfectly spaced shelf-pin holes with these six hardened-steel drill guides centered on standard 1-1/4" spacing for locating hinges and drawer slides. Dual-position fence aligns jig to the edge of a workpiece for straight, accurate rows.

Drill six holes with one setup, or connect another jig for longer rows with the same spacing. Molded-in alignment marks and indicator window can be used when aligning mounting screws for concealed hinges and locating the front hole for drawer slide installation in frameless cabinets.

**Includes** jig, bit, locating pin, depth collar with hex wrench and 4 shelf pins.

Stk.	Mfr.	Size	Price
<b>793968</b>	KMA3225	1/4" kit	<b>WEB</b>



### Square Driver Bits

**Kreg**

**HD Square Driver Bit** Deep #3 driver bit optimized for use with Kreg Jig HD Screws.

Stk.	Mfr.	Item	Price
<b>793795</b>	D6HD	6"L	<b>WEB</b>

**Square Driver Bits** Deep #2 driver recess resists cam-out. Use 3"L bit in tight spots.

Stk.	Mfr.	Item	Price
<b>793807</b>	DDS	3" & 6" bits	<b>WEB</b>
<b>793886</b>	D6X2	two 6"L bits	<b>WEB</b>



### Pan Head Square Drive Pocket Hole Screws

**Kreg** Screws with self-tapping auger point

eliminate pre-drilling. Flat heads seat flush in pocket hole bottom. Deep #2 sq. drive recess provides positive driver engagement to reduce cam-out. Industrial-quality steel screws are case-hardened and coated with a dri-lube finish to reduce driving torque and provide a bronze appearance.

**Fine Thread** For producing face frames in hardwoods. Use 1-1/4" to join 3/4"T frames.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>793887</b>	SPS-F075-100	6	3/4"	100	<b>WEB</b>
<b>793929</b>	SPS-F075-1200	6	3/4"	1,200	<b>WEB</b>
<b>793882</b>	SPS-F125-100	6	1-1/4"	100	<b>WEB</b>
<b>793930</b>	SPS-F125-1200	6	1-1/4"	1,200	<b>WEB</b>

**Coarse Thread** For assembling 1/2" plywood drawer boxes.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>793888</b>	SPS-C1-100	7	1"	100	<b>WEB</b>
<b>793928</b>	SPS-C1-1200	7	1"	1,200	<b>WEB</b>



### Maxi-Loc™ Square Drive Pocket Hole Screws

**Kreg**

**Coarse Thread** For softer materials (pine, plywood, particle board, MDF and melamine). Larger dia. threads provide maximum hold.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>793884</b>	SML-C125-100	8	1-1/4"	100	<b>WEB</b>
<b>793892</b>	SML-C250-50	8	2-1/2"	50	<b>WEB</b>
<b>793924</b>	SML-C125-1200	8	1-1/4"	1,200	<b>WEB</b>

**Fine Thread** For hardwood to hardwood applications.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>793883</b>	SML-F125-100	7	1-1/4"	100	<b>WEB</b>
<b>793925</b>	SML-F125-1200	7	1-1/4"	1,200	<b>WEB</b>



### HD Drive Pocket Hole Screws

**Kreg** Optimal for Kreg Jig® HD and larger stock. Hardened-steel with Protec-Kote™ finish. Self tapping. Color blends with most materials.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>793899</b>	SML-C2X250-30	14	2-1/2"	30	<b>WEB</b>
<b>793900</b>	SML-C2X250-125	14	2-1/2"	125	<b>WEB</b>



### XL Pocket Hole Screws

**Kreg** These screws have a 4" length to provide big holding power in 4 x 4 boards for a variety of projects. The 3-layer Protec-Kote™ finish on these large #12 screws provides long-term moisture resistance and protects them from corrosion.

Stk.	Mfr.	Size	Length	Qty./Box	Price
<b>793964</b>	SML-C4X400-30	12	4"	30	<b>WEB</b>
<b>793965</b>	SML-C4X400-75	12	4"	75	<b>WEB</b>



### Blue-Kote™ Pocket Hole Screws

**Kreg** Weather-resistant self-tapping screws are perfect for outdoor projects. 450 of 4 popular coarse thread #8 screws. 3 chemically-combined, anti-corrosion layers make screws 400% more rust-resistant than zinc screws.

**Includes** 100 (ea. of 1-1/4", 1-1/2", 2"), 150 of 2-1/2", plus molded case.

Stk.	Mfr.	Price
<b>793891</b>	SK03B	<b>WEB</b>



### Self-tapping Pocket Hole Screw Kit

**Kreg** 675 of 5 popular square drive self-tapping screw sizes.

**Includes** 300 Maxi-Loc™ 1-1/4" screws (150 ea. of #s 7 fine and 8 coarse thread), 300 Pan Head 1" screws (150 ea. of #s 6 fine and 7 coarse thread), 75 Blue-Kote™ weather-resistant 2-1/2" screws (#8 coarse thread) and case.

Stk.	Mfr.	Price
<b>793876</b>	SK03	<b>WEB</b>



### Hardware Containers

**Kreg** Store and organize loose hardware. Transparent containers are durable, resealable and reusable. Features locking lid with write-on label and dry-erase labels. Stackable, fits into Screw Organizer KTC25.

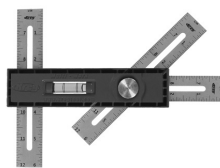
Stk.	Mfr.	Item	Size	Qty.	Price
<b>793933</b>	KSS-S	Small	3"W x 1-7/8"D x 4-1/4"H	4	<b>WEB</b>
<b>793934</b>	KSS-L	Large	4-1/4"W x 1-7/8"D x 6-1/4"H	4	<b>WEB</b>



### Pocket Hole Plugs

**Kreg** Use when pocket holes won't be hidden on the back-side of the project, or for decorative highlights.

Stk.	Mfr.	Description	Qty.	Price
<b>793837</b>	P-OAK	Oak Plugs	50	<b>WEB</b>
<b>793841</b>	P-MAP	Maple Plug	50	<b>WEB</b>
<b>793845</b>	P-PIN	Pine Plugs	50	<b>WEB</b>



### Multi-Mark™ Marking & Measuring Tool

**Kreg** Multi-purpose marking and measuring tool. Layout wall studs, mitered corners and transfer measurements. Align, square, level and measure work projects, set blade heights and more. Built-in 3/16" reveal gauge and torpedo level. Inch and metric scale.

Stk.	Mfr.	Length	Price
<b>793901</b>	KMA2900	9.25"	<b>WEB</b>

## GRINDERS



### Makita 4" Angle Grinder

**Makita** Grinder combines power with comfort and motor-protection features for longer-lasting performance for a range of industrial grinding applications. Labyrinth construction seals and protects the motor and bearings from dust and debris for longer tool life. All-ball bearing design and metal gear housing for added durability. Slide switch with lock-on for continuous operation. Side handle is positioned at a forward angle for increased comfort.

Wheel 4" dia. Size 10-1/2"L. Weight 3.7 lbs.

**Includes** grinding wheel, guard, lock nut, wrench, inner flange, side handle and case.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>511363</b>	GA4030K	6	11,000	M10 x 1.25	<b>WEB</b>



### Bosch 4-1/2" Angle Grinder

**BOSCH** With a narrow grip zone on the ergonomic handle and an anti-vibration side handle, this angle grinder provides all-day comfort and control. The 10 amp motor gives you

up to 11,000 no-load rpms for maximum productivity. It will last longer, too, thanks to the epoxy-coated field windings, double-sealed bearings and direct-motor cooling. The spiral bevel gears give it a smooth transmission of power while the adjustable tool-free guard has multiple fixed-adjustment settings to work in a variety of angles.

Wheel 4-1/2". Size 11.1"L. Weight 4.5 lbs.

**Includes** handle, wheel guard, flange kit and wrench.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>260287</b>	GWS10-450	10	11,000	5/8"-11	<b>WEB</b>



### DeWalt 4-1/2" Angle Grinder

**DEWALT** Grinder features 3 powerful systems for maximizing performance such as the Dust Ejection System for preventing damaging dust from entering the tool, One-Touch

Guard™ for 360° rotation and Quick-Change™ Wheel Release for easy wheel removal. Side handle provides excellent ergonomics while oversized threading provides durability. Oversized brushes provide 2X brush life over the previous model. Auto-off brushes shut the tool down when the brushes need replacement.

Wheel 4-1/2" dia. Size 12"L.

**Includes** side handle and guard.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>243051</b>	DWE402	11	11,000	5/8"-11	<b>WEB</b>



#### Milwaukee 4-1/2" Angle Grinder

**Milwaukee** Grinder, with a 1,400 MWO motor, powers through the toughest jobs for industrial users. The narrow grip provides more control

and less fatigue throughout the day. The tool-free design allows the user to change and adjust all accessories, including hubbed product, without a wrench. Advanced Airflow System maximizes airflow and reduces debris ingress, improving motor life and performance.

Wheel 4-1/2" dia. Weight 8.16 lbs.

**Includes** guard, wrench, side handle, grinding wheel, flange and bag.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>575890</b>	6141-30	11	11,000	5/8"-11	<b>WEB</b>



#### Skil 4-1/2" Angle Grinder

**SKIL** Compact angle grinder designed with innovative features to grind, sand, and sharpen a variety of materials. Powerful 6 Amp motor. Unique in-handle wrench storage. Tool-free guard adjustment, comfort grip and lock-on switch.

Wheel 4-1/2" dia. Size 10-3/4"L. Weight 5.3 lbs.

**Includes** grinding wheel, side handle and wrench.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>260568</b>	9295-01	6	11,000	5/8"-11	<b>WEB</b>



#### Skil 4-1/2" 20V PWRCORE 20™ Angle Grinder

**SKIL** A dual-function lock-switch prevents accidental start-ups, starts slow for more control, and locks in place for safety during prolonged

use. Tool-less guard adjustment makes moves easy and keeps projects going. The wrench is conveniently located in the side handle, and removable dust screens keep the tool clean.

Wheel 4-1/2" dia. Size 12-1/8"L. Weight 4.14 lbs.

**Includes** USB adapter, battery, charger, grinding disc, wrench storage handle, grinding guard and wrench.

Stk.	Mfr.	Volts	Arbor	RPM	Price
<b>260333</b>	AG2907-1A	20	5/8"-11	8,500	<b>WEB</b>



#### Bosch 5" Angle Grinder

**BOSCH** Grinder delivers more power than previous-generation models with the same size tool. The directed air flow diverts dust away from vital components, and it has direct-motor cooling, giving it higher overload capabilities. It

sports a 2-position vibration control side handle, making it less grueling to run. The integrated acceleration sensor limits inadvertent recoil and restart protection prevents unintended startup. The brushes stop the grinder when preventative maintenance is required.

Wheel 5" dia. Size 12.3"L. Weight 5.3 lbs.

**Includes** backing flange, lock nut, wrench, guard and side handle.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>260283</b>	GWS13-50	13	11,500	5/8"-11	<b>WEB</b>



#### Skil 5" Angle Grinder

**SKIL** This angle grinder has a powerful 8 amp motor to suit a variety of projects. Safe for use with students because it has a paddle switch safety lock to prevent accidental start-up. The

handle has an ergonomic design and soft rubber grip plus a 3-position side handle so you have more control in multiple positions and a more comfortable feel for working longer.

Wheel 5" dia. Size 14"L. Weight 4.85 lbs.

**Includes** grinding wheel, side handle and wrench.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>260305</b>	AG242001	8	12,000	5/8"-11	<b>WEB</b>



#### Makita 5" Angle Grinder

**Makita** Grinder combines 10.5 Amp power with comfort and motor-protection features for longer-lasting industrial performance. The SJS™

mechanical clutch system helps prevent motor and gear damage. Rubberized grip handle provides increased operator comfort. Labyrinth construction prevents debris from penetrating the motor, bearings and gears. Spiral bevel gears for smoother rotations and a more efficient transfer of energy.

Wheel 5" dia. Size 14"L. Weight 5.9 lbs.

**Includes** grinding wheel, guard, lock nut, wrench, inner flange and side handle.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>511366</b>	GA5020	10.5	11,000	5/8"-11	<b>WEB</b>



#### Milwaukee 6" Angle Grinder

**Milwaukee** Grinder powers through the toughest jobs with its 2,100 MWO motor, the perfect match for industrial users. Milwaukee's Elec-

tronic Advantage includes overload protection, an electronic clutch prevents bind-up and Line Lock-Out prevents automatic start-up after power loss. Featuring a 100% tool-free design. The Advanced Airflow System maximizes airflow and reduces debris ingress, improving motor life and performance.

Wheel 6" dia. Size 12.2"L. Weight 5.7 lbs.

**Includes** flange, side handle, wrench and guard.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>575893</b>	6161-30	13	9,000	5/8"-11	<b>WEB</b>



#### DeWalt 7" Angle Grinder

**DEWALT** Grinder has a powerful 13 Amp motor for fast material removal and a high

power-to-weight ratio for greater efficiency and reduced user fatigue. Sealed ball and roller bearings for extended motor life and external brush caps for easy servicing. Adjustable guard can be adjusted to redirect sparks away from user. Rear handle designed for greater comfort and control.

Wheel 7" dia. Size 16.1"L. Weight 8 lbs.

**Includes** grinding wheel, wrench, backing flange, clamp nut, guard and side handle.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>243091</b>	DW840	13	8,500	5/8"-11	<b>WEB</b>





### Makita 7" Angle Grinder

**Makita** Grinder is built around a powerful 15 Amp motor for fast stock removal. It features labyrinthine construction that helps seal internal components from outside contaminants.

The easy-to-use large trigger switch locks on for extended operation, and a large shaft lock permits easy wheel changes. The switch handle rotates 90° left and right, while the rubberized side handle may be configured in any of 3 positions to promote user comfort and control.

Wheel 7" dia. Size 18-5/8"L. Weight 12.2 lbs.

**Includes** grinding wheel, guard, lock nut, wrench, inner flange and side handle.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>511375</b>	GA7021	15	6,600	5/8"-11	<b>WEB</b>



### Metabo HPT 7" Angle Grinder

**Metabo HPT** Grinder deburs diecast products and finishes iron, bronze, aluminum, welds and torch cut surfaces. It can also be used to cut soft steel materials as well as grooving and

cutting concrete and other stone materials. The powerful 15 Amp motor produces forcible 3,950W output for plenty of power and torque for tough jobs. Labyrinth construction prevents dust and debris from entering motor bearings. Externally accessible carbon brushes allow for quick and easy maintenance.

Wheel 7" dia. Size 10-15/32"L. Weight 10.8 lbs.

**Includes** side handle and 2 wrenches.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>616612</b>	G18STM	15	6,000	5/8"-11	<b>WEB</b>



### Milwaukee 7"/9" Angle Grinder

**Milwaukee** Grinder with Lock-on delivers performance and durability for the most difficult grinding jobs. The 15 Amp, 4.2 HP motor provides overload protection and power for the

toughest jobs. The tool-free burst resistant guard allows the user to quickly adjust the guard. Spiral bevel gearing optimizes performance and durability. Angled rear and side handles promote natural hand positions and increase user comfort.

Wheel 7"/9" dia. Size 19-1/4"L. Weight 13.7 lbs.

**Includes** side handle, guards, wrench and flange.

Stk.	Mfr.	Amps	RPM	Spindle	Price
<b>575887</b>	6088-30	15	6,000	5/8"-11	<b>WEB</b>



### Type 27 Metal Grinding Wheel

**DEWALT** Depressed center grinding wheel contains 3 full sheets of fiberglass for increased durability and safety. Aluminum oxide wheel features a soft formulation for faster grinding on hard materials.

Stk.	Mfr.	Size	Max. Speed (rpm)	Price
<b>242871</b>	DWA4510	4" x 1/8" x 5/8"	15,200	<b>WEB</b>
<b>242872</b>	DWA4500	4" x 1/4" x 5/8"	15,200	<b>WEB</b>
<b>242873</b>	DWA4511	4-1/2" x 1/8" x 7/8"	13,300	<b>WEB</b>
<b>242874</b>	DW4541	4-1/2" x 1/4" x 7/8"	13,300	<b>WEB</b>
<b>242877</b>	DWA4511H	4-1/2" x 1/8" x 5/8"-11	13,300	<b>WEB</b>
<b>242878</b>	DW4542	4-1/2" x 1/4" x 5/8"-11	13,300	<b>WEB</b>
<b>242876</b>	DW4543	5" x 1/4" x 7/8"	12,200	<b>WEB</b>



### Rubber Backing Pad w/Nut

**BOSCH** Fits most major brands of small angle grinders.

Stk.	Mfr.	Dia.	Arbor	Max. Speed (rpm)	Price
<b>986500</b>	MG0500	5"	5/8"-11	11,500	<b>WEB</b>



### Backing Pad Nut

**BOSCH**

Stk.	Mfr.	Arbor	Price
<b>986580</b>	MG0580	5/8"-11	<b>WEB</b>



### 2-3/4" Knot Wire Cup Brush

**Makita** Ideal for tight operations, corners and angle welds, the carbon steel wire construction is engineered for long service life.

Stk.	Mfr.	Dia.	Arbor	Price
<b>511765</b>	A-98429	2-3/4"	5/8"-11	<b>WEB</b>



### 3" Crimped Wire Cup Brush

**Makita** For cleaning and removing paint, scale and light rust from flat surfaces.

Stk.	Mfr.	Dia.	Arbor	Price
<b>511763</b>	A-98382	3"	M10 x 1.25	<b>WEB</b>
<b>511764</b>	A-98398	3"	5/8"-11	<b>WEB</b>



### 4" Crimped Wire Brush

**BOSCH** Softer brushing action than knotted cup brushes is especially suited for overhead work. Carbon steel.

Max. speed 8,500 rpm.

Stk.	Mfr.	Dia.	Gauge	Arbor	Price
<b>259438</b>	WB525	4"	27	5/8"-11	<b>WEB</b>



### 4" Knot Cable Twist Wire Wheel

**Makita** Ideal for cleaning welds, with a 1/4" face for narrow to medium width work. The carbon steel wire construction is engineered for long service life.

Stk.	Mfr.	Dia.	Arbor	Price
<b>511766</b>	A-98572	4"	5/8"-11	<b>WEB</b>

### 5" Fiber Sanding Discs

**NORTON** Aluminum oxide discs with fiber backing for heavy metal removal, paint stripping, light deburring, finishing, weld grinding and blending.

5" dia x 7/8".

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>608545</b>	57277	36 Coarse	1	<b>WEB</b>
<b>608546</b>	57279	60 Medium	1	<b>WEB</b>
<b>608547</b>	57280	80 Fine	1	<b>WEB</b>



### 7" Resin Fiber Sanding Discs

**Makita** For sanding metal or wood surfaces

Stk.	Mfr.	Grit	Qty./Pkg.	Price
<b>511663</b>	742070-A-5	50	5	<b>WEB</b>
<b>511664</b>	742071-A-5	80	5	<b>WEB</b>

## BRAD NAILERS



### Bostitch 18 Ga. 1-5/8\" Brad Nailer/Finish Stapler

**Bostitch** The 2-in-1 brad nailer/finish stapler is versatile and convenient with its ability to drive both brads and narrow crown finish staples to the desired depth. Use this kit for interior and exterior finish and trim, furniture, cabinet work, and more. Tool-free adjustable exhaust conveniently directs exhaust away from the user.

Air inlet 1/4". Firing mode Sequential. Size 9-1/4"L x 8-1/2"H. Weight 2.6 lbs.

**Includes** 1/4" air fitting, brad nails, staples, wrench, extra no-mar tip, oil and molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>838462</b>	SB-2IN1	5/8" to 1-5/8"	100	70-100	<b>WEB</b>



### Bostitch 18 Ga. 2-5/8\" Brad Nailer

**Bostitch** Brad nailer is both lightweight and durable with easy maintenance. It is quiet and easy to maneuver. Selectable trigger system converts from sequential to contact operation. Swivel air fitting with internal filter improves maneuverability. Ultra-quiet rear exhaust with muffler directs air away from the user. Low nail lockout prevents dry firing.

Air inlet 1/4". Firing mode Sequential. Size 11-3/4"L x 12-1/4"H. Weight 2.7 lbs.

**Includes** 1/4" swivel fitting, brad nails, hex wrench, belt hook and case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>838468</b>	BT1855K	5/8" to 2-5/8"	110	70-120	<b>WEB</b>



### Porter Cable 18 Ga. 2\" Brad Nailer

**PORTER+CABLE** Brad nailer has a magnesium body that delivers both a strong and lightweight design. It features a removable non-marring nose tip with on-tool storage, as well as an integrated rubber grip for improved comfort. It's equipped with a low nail reload indicator and a special hardened driver blade for longer life. Tool-free depth-of-drive adjustment and jam releases. Rear exhaust keeps contaminants away from work.

Air inlet 1/4". Firing mode Sequential. Size 9-1/2"L x 9-1/2"H. Weight 2.6 lbs.

**Includes** sample brad nails, 1/4" fitting and molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>636709</b>	BN200C	5/8" to 2"	100	70-120	<b>WEB</b>



### Senco 18 Ga. 1-5/8\" Brad Nailer

**Senco** The SLP20XP design ensures unmatched ease of use as well as superior precision and driving power, which makes this tool perfect for fastening a variety of material types and thicknesses. It's really 2 tools in 1 since it drives both slight and medium-head brads. The

NeverLube™ tool also excels in lower recoil and wonderful balance. Its comfort-grip handle makes it perfect for nail molding, plus decorative and furniture trim. Use it for picture frame assembly, blind pinning of upholstered and trim panels, rattan, window beading and scribe molding.

Air inlet 1/4". Firing mode Sequential. Size 8-1/4"H x 9-1/2"L. Weight 2.3 lbs.

**Includes** molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>291470</b>	SLP20XP	5/8" to 1-5/8"	110	100	<b>WEB</b>

## 18 Ga. Brad Nails

**Bostitch** For use in BT35 (5/8" to 1-3/8"), BT50 (1-3/16" to 2"), BT1855K (5/8" to 2-5/8"), SB-2IN1 (5/8" to 1-5/8") & Porter-Cable models BN125 (5/8" to 1-1/4"), BN200 (3/4" to 2").

Stk.	Mfr.	Length	Qty.	Price
<b>838470</b>	BT1300B	5/8"	3,000	<b>WEB</b>
<b>838471</b>	BT1303B	3/4"	3,000	<b>WEB</b>
<b>838473</b>	BT1309B	1"	3,000	<b>WEB</b>
<b>838433</b>	BT1314B	1-3/16"	3,000	<b>WEB</b>
<b>838434</b>	BT1335B	1-3/8"	3,000	<b>WEB</b>
<b>838435</b>	BT1340B	1-9/16"	2,000	<b>WEB</b>
<b>838436</b>	BT1345B	1-3/4"	2,000	<b>WEB</b>
<b>838437</b>	BT1350B	2"	2,000	<b>WEB</b>

## 18 Ga. Galvanized Brad Nails

**Senco** For Senco SLP20.

Stk.	Mfr.	Length	Qty.	Price
<b>291500</b>	AY10EAA	5/8"	5,000	<b>WEB</b>
<b>291501</b>	AY11EAA	3/4"	5,000	<b>WEB</b>
<b>291502</b>	AY13EAA	1"	5,000	<b>WEB</b>
<b>291503</b>	AX15EAA	1-1/4"	5,000	<b>WEB</b>
<b>291504</b>	AX17EAA	1-1/2"	5,000	<b>WEB</b>
<b>291505</b>	AX18EAA	1-5/8"	5,000	<b>WEB</b>

## 18 Ga. Steel Finish Brad Nails

**PORTER+CABLE** For Porter Cable BN125A, Duo-Fast BB4400 & DBN-4052C, Hitachi NT32E, Paslode 2138F18, Senco SLP-20, A125BN, A200BN, Bostitch BT35B, SB-1842BN, SB1850BN & most 18 ga. brad nailers.

Stk.	Mfr.	Length	Qty.	Price
<b>636725</b>	PBN18063-1	5/8"	1,000	<b>WEB</b>
<b>636726</b>	PBN18075-1	3/4"	1,000	<b>WEB</b>
<b>636727</b>	PBN18100-1	1"	1,000	<b>WEB</b>
<b>636728</b>	PBN18125-1	1-1/4"	1,000	<b>WEB</b>
<b>636729</b>	PBN18200-1	2"	1,000	<b>WEB</b>

## 18 Ga. Galvanized Staples

**Bostitch** Coated galvanized staples with 7/32" crown. For S32SX, T31-3SX5035 (1/2" to 1"), T28-5 & T35-15 (1/2" to 1-3/16"), T40SX-CT (1/2" to 1-1/4"). 7/32" crown. .050" x .035" chisel point & SB-2IN1 (1/2" to 1-3/8").

Stk.	Mfr.	Length	Qty.	Price
<b>838450</b>	SX5035-3/4G	3/4"	5,000	<b>WEB</b>
<b>838452</b>	SX5035-1G	1"	5,000	<b>WEB</b>
<b>838454</b>	SX5035-1-3/16G	1-3/16"	3,000	<b>WEB</b>
<b>838464</b>	SX5035 1-3/8G	1-3/8"	3,000	<b>WEB</b>

## FINISH NAILERS



### Bostitch 15 Ga. 2-1/2\" Finish Nailer Kit

**Bostitch** This Smart Point® 15 Ga. "FN"-style finish nailer offers greater nail collation density so that you can drive more nails without having to refill your magazine often. It holds 130 nails in its magazine. Control the depth of the nail without interrupting workflow, and easily remove nails

with the tool-free jam release feature. Depend on this 15 GA Finish Nailer Kit for efficiency and precision.

Air Inlet 1/4". Firing mode Sequential. Size 12.1"H x 14.3"L. Weight 4.32 lbs.

**Includes** 1/4" air fitting, extra no-mar tips and carrying case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>838440</b>	BTFP72156	1-1/4" - 2-1/2"	130	70-120	<b>WEB</b>



### Porter Cable 15 Ga. 2-1/2" Finish Nailer

**PORTER+CABLE** Finish nailer with lightweight die-cast aluminum body features a maintenance-free motor for added reliability and longer tool life. An internal piston catch provides consistent, maximum power on every shot. Tool-free adjustable exhaust keeps contaminants away from your work surface, and a

tool-free depth-of-drive adjustment lets you work with precision. Tool-free jam release makes nail removal easy. Other features are a contact safety located behind driver guide, adjustable belt hook, integrated rubber grip for improved comfort and a low nail indicator.

Air inlet 1/4". Firing mode Sequential.

Size 13"L x 11-1/2"H. Weight 3.85 lbs.

**Includes** 1/4" fitting, finish nails, safety glasses and molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>636730</b>	DA250C	1" - 2-1/2"	100	70-120	<b>WEB</b>



### Porter Cable 16 Ga. 2-1/2" Finish Nailer

**PORTER+CABLE** Finish nailer features a maintenance-free motor for added reliability and long tool life. Nailer features an internal piston catch for consistent maximum power on every shot and a rear exhaust to keep contaminants away from work. Tool-free depth-of-drive adjustments,

tool-free jam release mechanism and a sequential style trigger with a lock-off switch. Strong, lightweight, die-cast aluminum housing. Contact safety located behind driver guide, adjustable belt hook and integrated rubber grip for improved comfort.

Air inlet 1/4". Firing mode Sequential. Size 11-7/8"L x 10-5/8"H. Weight 3.85 lbs.

**Includes** 1/4" fitting, finish nails, safety glasses and molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>636731</b>	FN250C	1" - 2-1/2"	100	70-120	<b>WEB</b>



### Senco 15 Ga. 2-1/2" Finish Nailer

**Senco** The FinishPro 42XP finish nailer has established itself as a marquee tool for the professional finish carpenter. This tool offers superb durability and superior performance for a wide variety of finish and trim applications. Featuring a comfort grip for easy handling, the nailer is crafted with a rugged

internal engine and a lightweight magnesium body. Never-lube design for easy maintenance.

Air inlet 1/4". Firing mode Sequential. Tool size 13"L x 11-1/4"H. Weight 4.7 lbs.

**Includes** molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>291461</b>	FIP42XP	1-1/4" - 2-1/2"	104	70-120	<b>WEB</b>



### 15 Ga. DA Angled Finish Nails

**PORTER+CABLE** Brite Basic coating with chisel point tips. Fits DeWalt D51275K, D51257K, DC628K; Porter Cable DA250B, DA250C; Hitachi NT65MA2, NT65AA; Senco FP35, FP41XP, FP42XP, SFN30, Cordless Finish 41.

Stk.	Mfr.	Length	Qty.	Price
<b>636715</b>	PDA15125-I	1-1/4"	1,000	<b>WEB</b>
<b>636716</b>	PDA15150-I	1-1/2"	1,000	<b>WEB</b>
<b>636717</b>	PDA15175-I	1-3/4"	1,000	<b>WEB</b>
<b>636718</b>	PDA15200-I	2"	1,000	<b>WEB</b>
<b>636719</b>	PDA15250-I	2-1/2"	1,000	<b>WEB</b>

### 15 Ga. Steel Finish Angle Nails

**Bostitch** For N60FN & N62FN. Steel finish nails are made from galvanized wire and are not treated after nails are manufactured. Product is not guaranteed against corrosion.

Stk.	Mfr.	Length	Qty.	Price
<b>838500</b>	FN1520	1-1/4"	3,655	<b>WEB</b>
<b>838501</b>	FN1524	1-1/2"	3,655	<b>WEB</b>
<b>838502</b>	FN1528	1-3/4"	3,655	<b>WEB</b>
<b>838503</b>	FN1532	2"	3,655	<b>WEB</b>
<b>838504</b>	FN1540	2-1/2"	3,655	<b>WEB</b>

### 16 Ga. Galvanized Finish Nails

**PORTER+CABLE** For Porter-Cable FN250C & CFN250A, Duofast BFN740 & LFN-764, Hitachi NT65A, Paslode 3250FI6 & IM250 II, Senco A250SM, Stanley-Bostitch SB-1664FN & most other 16 ga. straight finish nailers.

Stk.	Mfr.	Length	Qty.	Price
<b>636740</b>	PFN16100	1"	2,500	<b>WEB</b>
<b>636738</b>	PFN16125	1-1/4"	2,500	<b>WEB</b>
<b>636736</b>	PFN16150	1-1/2"	2,500	<b>WEB</b>
<b>636737</b>	PFN16200	2"	2,500	<b>WEB</b>
<b>636739</b>	PFN16250	2-1/2"	2,500	<b>WEB</b>

## FINISH STAPLERS



### Bostitch 18 Ga. 1-1/2" Finishing Stapler

**Bostitch** The Model SX1838K finish stapler requires little maintenance. Choose between sequential and contact operation with selectable trigger system. Ultra-quiet rear exhaust with muffler directs air away from the user. Oil-free operation requires no regular maintenance and

eliminates the risk of oil stains. Low nail lockout prevents dry firing and the swivel air fitting with internal filter improves maneuverability.

Air inlet 1/4". Firing mode Sequential or Contact.

Size 9.25"L x 9.5"H. Weight 3 lbs.

**Includes** 1/4" swivel fitting, 1" staples, wrench, belt hook and molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>838474</b>	SX1838K	1/2" - 1-1/2"	100	70-120	<b>WEB</b>



### Bostitch 18 Ga. 1-5/8" Brad Nailer/Finish Stapler

**Bostitch** The 2-in-1 brad nailer/finish stapler is versatile and convenient with its ability to drive both brads and narrow crown finish staples to the desired depth. Use this kit for interior and exterior finish and trim, furniture, cabinet work, and more. Tool-

free adjustable exhaust conveniently directs exhaust away from the user.

Air inlet 1/4". Firing mode Sequential. Size 9-1/4"L x 8-1/2"H. Weight 2.6 lbs.

**Includes** 1/4" air fitting, brad nails, staples, wrench, extra no-mar tip, oil and molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>838462</b>	SB-2IN1	5/8" to 1-5/8"	100	70-100	<b>WEB</b>



### Porter Cable 18 Ga. 1-1/2" Finish Stapler

**PORTER+CABLE** This narrow crown stapler has a magnesium body for a strong and lightweight design. It has a removable non-marring nose tip and an integrated rubber grip for improved comfort. It is equipped with a low staple reload indicator, tool-free depth-of-drive adjustment, rear exhaust and

hardened driver blade for longer life. Adjustable belt hook allows the tool to be kept near the user.

Air inlet 1/4". Firing mode Sequential. Size 9-2/3"L x 9-7/8"H. Weight 2.65 lbs.

**Includes** 1/4" fitting, staples and molded case.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>636762</b>	NS150C	1/2" - 2-1/2"	100	70-120	<b>WEB</b>

### 18 Ga. Galvanized Staples

**Bostitch** Coated galvanized staples with 7/32" crown. For S32SX, T31-3SX5035 (1/2" to 1"), T28-5 & T35-15 (1/2" to 1-3/16"), T40SX-CT (1/2" to 1-1/4"). 7/32" crown. .050" x .035" chisel point & SB-2INI (1/2" to 1-3/8").

Stk.	Mfr.	Length	Qty.	Price
<b>838450</b>	SX5035-3/4G	3/4"	5,000	<b>WEB</b>
<b>838452</b>	SX5035-1G	1"	5,000	<b>WEB</b>
<b>838454</b>	SX5035-1-3/16G	1-3/16"	3,000	<b>WEB</b>
<b>838464</b>	SX5035 1-3/8G	1-3/8"	3,000	<b>WEB</b>

### 18 Ga. Narrow Crown Staples

**PORTER+CABLE** 1/4" galvanized/coated.

Stk.	Mfr.	Length	Qty.	Price
<b>636744</b>	PNS18050	1/2"	5,000	<b>WEB</b>
<b>636745</b>	PNS18063	5/8"	5,000	<b>WEB</b>
<b>636746</b>	PNS18075	3/4"	5,000	<b>WEB</b>
<b>636747</b>	PNS18100	1"	5,000	<b>WEB</b>

## FRAMING NAILERS



### Bostitch 28° 3-1/2" Framing Nailer

**Bostitch** Nailer has a lightweight, magnesium design and features 1,050 in./lb. of driving power to handle tough engineered lumber applications. It features an adjustable push-button depth guide that sets nails to desired depths quickly and conveniently. It has a notched, 16"

on-center layout indicator that helps achieve the correct distance between studs quickly without the use of a tape measure. Adjustable rafter hook allows users to hang tool on rafters and joists.

Fastener type Wire collated stick. Air inlet 1/4". Firing mode Smart Trigger. Size 20-1/4"L x 15-1/2"H. Weight 7.6 lbs.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>838467</b>	F28VWV	2" to 3-1/2"	100	80-120	<b>WEB</b>



### Porter Cable 30°-34° 3-1/2" Framing Nailer

**PORTER+CABLE** Ideal for carpenters and woodworkers, this nailer touts a variety of features including the flexibility to choose between restrictive or contact actuation modes. For ease of use, the tool is also equipped with a depth-

of-drive feature, a low nail lock-out mechanism, and a reversible rafter hook for hanging the tool on the left or right side. Additionally, the overmolded grip provides comfort and control when working. Tool-free adjustable exhaust.

Fastener type Clipped head stick. Air inlet 1/4". Firing mode Selectable Trigger. Size 21-5/8"L x 14-3/4"H. Weight 7.3 lbs.

**Includes** 1/4" male plug and wrench.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>636741</b>	FC350B	2" to 3-1/2"	60	70-120	<b>WEB</b>



### Senco 20° 3-1/4" Framing Nailer

**Senco** The FramePro 325FRHXP is a well-balanced light weight framing nailer, packing plenty of power and won't leave you fatigued at the end of the day. Drives ring, screw, and

smooth-shank 20° plastic collated strip nails. Senco XP tools are specifically engineered for demanding pros and demanding environments. True drive magazine, dry fire lockout, selectable trigger and retractable rafter hanger.

Fastener type Full round head smooth, ring shank. Air inlet 3/8".

Firing mode Selectable Actuation. Size 17-5/16"L x 11-7/8"H. Weight 7.9 lbs.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>291436</b>	325FRHXP	2" to 3-1/4"	64	70-120	<b>WEB</b>



### Senco 34° 3-1/4" Framing Nailer

**Senco** The FramePro 325XP is a lightweight and compact framing nailer that will help you easily power through jobs in applications such as framing, sheathing, sub-flooring, crate, pallet, and truss assembly. Fits easily between studs and joists. Highly efficient internal design, means

less wear and tear on the compressor. TrueDrive magazine reduces jams and mis-feeds. Aggressive toenail safety.

Fastener type Smooth, ring, screw shank. Air inlet 3/8".

Firing mode Selectable Actuation. Size 17-5/16"L x 11-7/8"H. Weight 7.9 lbs.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>291435</b>	325XP	2" to 3-1/4"	83	70-120	<b>WEB</b>

### 20° Full Round Head Stick Nails

**Senco** For 700XL-FRH & 902XP framing nailers.

Stk.	Mfr.	Length	Shank	Qty.	Price
<b>291520</b>	GL24APBSN	8d 2-3/8"	.113 Ring	5,000	<b>WEB</b>
<b>291521</b>	GD24APBSN	8d 2-3/8"	.113 Plain	5,000	<b>WEB</b>
<b>291522</b>	GD25AABSN	8d 2-1/2"	.113 Galv.	5,000	<b>WEB</b>
<b>291523</b>	KD28APBSN	12d 3-1/4"	.131 Plain	4,000	<b>WEB</b>
<b>291524</b>	KD28AABSN	12d 3-1/4"	.131 Galv.	4,000	<b>WEB</b>

### 34° Clipped Head Nails

**Senco** For SN600 & 901XP framing nailers.

Stk.	Mfr.	Length	Shank	Qty.	Price
<b>291507</b>	GE24APBX	8d 2-3/8"	.113 Ring	2,500	<b>WEB</b>
<b>291509</b>	GC24APBX	8d 2-3/8"	.113 Smooth	2,500	<b>WEB</b>
<b>291539</b>	KC28ASBX	12d 3-1/4"	.131 Galv.	2,500	<b>WEB</b>
<b>291541</b>	KC28APBX	12d 3-1/4"	.131 Smooth	2,500	<b>WEB</b>



## Stick Nails

**Bostitch** For N16, N80SB, N88VWV (6d to 16d), N70S (S6d to S10d), N70SB (S6d to S10d & .099 to .120 shank), N86S (6d to 16d), N100S (6d to 20d).

Stk.	Mfr.	Length	Shank	Qty.	Price
<b>838540</b>	S6D-FH	6d 2"	.113 Plain	2,000	<b>WEB</b>
<b>838542</b>	S8D-FH	8d 2-1/2"	.129 Plain	2,000	<b>WEB</b>
<b>838543</b>	S8DGAL-FH	8d 2-1/2"	.120 Galv. Plain	2,000	<b>WEB</b>
<b>838545</b>	S12D131-FH	12d 3-1/4"	.131 Plain	2,000	<b>WEB</b>
<b>838546</b>	S12DGAL-FH	12d 3-1/4"	.120 Galv. Plain	2,000	<b>WEB</b>
<b>838549</b>	S16D131-FH	16d 3-1/2"	.113 Plain	2,000	<b>WEB</b>

## ROOFING NAILERS



### Bostitch 15° 1-3/4" Coil Roofing Nailer

**Bostitch** Nailer has a durable aluminum housing and a 1-door loading system for fast reloading. Dry-fire lock out prevents dry firing and to alert the user to reload the magazine. Aggressive wear guards and skid pads protect the tool from damage on abrasive surfaces. Quick-set adjustable depth guide, single-action side load canister and adjustable shingle guide.

Fastener .120", 15°. Air inlet 1/4". Firing mode Sequential/Contact. Size 10-1/2"L x 10-5/8"H. Weight 4.9 lbs.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>838541</b>	RN46-1	3/4" to 1-3/4"	120	70-120	<b>WEB</b>



### Porter Cable 15° 3/4" Coil Roofing Nailer

**PORTER+CABLE** With a new engine design and feed system for improved performance and durability, this 15° pneumatic nailer is your go-to for all-day jobs. It drives 3/4" to 1-3/4" nails to give you versatility across a variety of roofing applications. This lightweight roofing tool features great balance with

improved ergonomics, including a new grip design, for a better overall user experience.

Fastener type Fastener type 15° Coil Roofing. Air inlet 1/4". Firing mode Selectable Trigger. Size 10-1/2"L. Weight 5.3 lbs.

**Includes** 1/4" air fitting.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>636752</b>	RN175C	3/4" to 1-3/4"	120	70-120	<b>WEB</b>



### Senco 15° 1-3/4" Coil Roofing Nailer

**Senco** Industrial quality nailer for use in asphalt and fiberglass shingles, waterproof tar paper, metal drip edges, insulative sheathing, cement board, and other re-roofing applications. Dual-action trigger. Adjustable shingle guide for consistent placement. Adjustable depth-of-drive. Hardened wear plates and safety for extended reliability and parts life.

Fastener .120", 15°. Air inlet 1/4". Firing mode Contact. Size 10-5/8"L x 10-7/8"H. Weight 5.2 lbs.

**Includes** tool oil and wrench.

Stk.	Mfr.	Range	Capacity	PSI	Price
<b>291457</b>	445XP	3/4" to 1-3/4"	120	70-120	<b>WEB</b>

## Coil Roofing Nails

**Bostitch** Standard galvanized roofing nails for RN45B (all sizes), N12B (7/8" to 1-3/4") & N12-1 (1-1/4" to 1-3/4").

Stk.	Mfr.	Length	Qty.	Price
<b>838480</b>	CR2DGAL	1"	7,200	<b>WEB</b>
<b>838481</b>	CR3DGAL	1-1/4"	7,200	<b>WEB</b>
<b>838482</b>	CR4DGAL	1-1/2"	7,200	<b>WEB</b>

## Air Tool Oil

**Milton** Extends life and performance of air tools, lubricators, valves and cylinders. Prevents seizure of air tools and pneumatic equipment. Recommended for tools requiring 10 weight non-detergent lubricant. 5°F to 350°F working temperature.



Stk.	Mfr.	Size	Price
<b>968495</b>	1001-4	4 oz.	<b>WEB</b>

## Pneumatic Air Tool Oil

**Campbell Hausfeld** Use with oil-lubricated air tools to maximize tool performance and long tool life.



Stk.	Mfr.	Size	Price
<b>291135</b>	ST1270	8 oz.	<b>WEB</b>

## CUT-OUT TOOLS



### DeWalt Cut-Out Tool

**DEWALT** The Model DW660 has a powerful 5 Amp motor with a slim, ergonomic design and durable construction. Features fast and tool-free bit changing and easy operation with the turn-on/bump-off switch. Dust-sealed switch protects against dust ingestion for longer switch life.

Weight 3.5 lbs.

**Includes** drywall cutting bit, 1/4" and 1/8" collets.

Stk.	Mfr.	Amps	RPM	Price
<b>243043</b>	DW660	5	30,000	<b>WEB</b>

## TRIM ROUTERS



### Bosch VS Laminate Router

**BOSCH** The PR20EVS Colt palm router combines power, precision and versatility in a small-sized tool. The router features Constant Response circuitry, which maintains a consistent speed by detecting heavy loads and increasing power to maintain the selected RPM. It features softstart circuitry, which reduces startup torque. Microfine adjustments are with the wheel on the back of the router's base. The motor housing has a palm-shaped, rubber over-molded grip. The aluminum fixed base is durable, solid and precise.

Collet capacity 1/4". Size 3-1/2"L x 7-1/2"H. Weight 3.3 lbs

**Includes** fixed base, 1/4" collet and 2 wrenches.

Stk.	Mfr.	Amps	RPM	Price
<b>258978</b>	PR20EVS	5.6	16,000-35,000	<b>WEB</b>



### DeWalt Laminate Trimmer

**DEWALT** Laminate trimmer is ideal for most trimming, small edge forming and hinge routing applications. LED and clear plastic fixed base improve visibility while trimming. Ergonomics allow for comfortable, single-handed control. Quick release clips remove the motor from the base, micro-set collar and spindle lock button allows for single-wrench bit changes.

Collet capacity 1/4". Weight 3.3 lbs.

**Includes** 1/4" collet and wrench.

Stk.	Mfr.	Amps	RPM	Price
<b>242839</b>	DWE6000	4.5	31,000	<b>WEB</b>



### Festool Edge Router

**Festool** For trimming, profiling, and routing. Modular design includes variable speed, detachable cord, tool-free base changes. Lightweight unit transforms from laminate trimmer to fine detail router in seconds. Easily moved around the classroom.

Collet capacity 1/4" and 8mm. Weight 4.2 lbs.

**Includes** 1/4" collet, 8 mm collet, dust extraction hood, standard threaded base, power cord, vertical base, 1.5° horizontal base, feeler bearing set and T-Loc Systainer 3.

Stk.	Mfr.	Amps	RPM	Price
<b>404631</b>	576239	6	10,000 - 26,000	<b>WEB</b>



### Porter Cable Laminate Trimmer

**PORTER+CABLE** Laminate trimmer provides the power and durability required to cut various materials. Perfect for most trimming, small edge forming, and hinge routing applications. Smart ergonomics of this unit allow for comfortable, single-handed control. LED and clear sub-base ensure maximum visibility in operation. Precision-machined, cast-aluminum fixed base, quick release clips remove the motor from the base, micro-set collar for quick and accurate bit height adjustments.

Collet capacity 1/4". Weight 3.6 lbs.

Stk.	Mfr.	Amps	RPM	Price
<b>626669</b>	PCE6430	4.5	31,000	<b>WEB</b>

## FIXED BASE ROUTERS



### Porter Cable 2 HP Fixed Base Router

**SKIL** Speed control dial provides the right speed for the material, and LEDs on the motor base illuminate the work area. Its ergonomic handles and tough die-cast motor housing makes it ideal for routing with both 1/2" and 1/4" shank router bits. Three coarse depth settings with micro-depth

adjustment makes fast and accurate depth adjustments. Soft start, speed control and live tool indicator.

Collet Capacity 1/4" and 1/2". Base 6". Weight: 8 lbs.

**Includes** collets (1/4", 1/2"), parallel guide, wrench and dust extraction adaptor.

Stk.	Mfr.	Amps	RPM	Price
<b>260447</b>	RT1323-00	10	10,000-25,000	<b>WEB</b>



### DeWalt 1-3/4 HP Fixed Base Router

**DEWALT** Router has the power to rout smoothly through hardwoods. Provides quick and precise depth adjustments and fast, easy motor pack removal for bit and base changes. Dust-sealed switch protects against dust ingestion, heavy-duty die-cast aluminum base and motor housing. Quick release

motor latches, detachable cordset for serviceability, self-releasing slotted collets.

Collet capacity 1/4", 1/2". Base 6". Weight 7.1 lbs.

**Includes** collets (1/4", 1/2"), sub-base concentricity gauge and 2 wrenches.

Stk.	Mfr.	Amps	RPM	Price
<b>243007</b>	DW616	11	24,500	<b>WEB</b>



### Milwaukee 1-3/4 HP Fixed Base Router

**Milwaukee** BodyGrip router features a fast and accurate linear depth adjustment system and above-the-table depth adjustment mechanism. Powerful and precise, this tool has a comfortable overmold rubber grip with an adjustable hand strap for left and right-handed operation, and 2

over-molded palm-grip side handles. The linear depth adjustment features a large steel motor lock lever and depth adjustment gearing, making micro fine adjustments fast and accurate. Durably made for years of reliable use, this heavy-duty router gives you the upper hand on comfort and control.

Collet capacity 1/4", 1/2". Base 6". Weight 8.8 lbs.

**Includes** 2 collet wrenches (1-1/8") and collets (1/4", 1/2").

Stk.	Mfr.	Amps	RPM	Price
<b>575585</b>	5615-20	11	24,000	<b>WEB</b>
<b>575586</b>	5615-21	11	24,000	<b>WEB</b>

**575586** Includes molded case.



### Bosch 2 HP Fixed Base Router

**BOSCH** Versatile, durable and built for years of use. The motor housing and bases are made of aluminum, and the power switch is now completely dust-sealed. The fixed base features a quick-clamp system for fast, tool-free depth adjustments, and its linear microfine bit-depth adjustment system provides accurate

adjustment up to 1-5/8". Fixed base has threaded holes for mounting to router table positioned in common 3-hole pattern. Right or left switch location for user preference and consistency (motor does not rotate during depth adjustment).

Collet capacity 1/4", 3/8", 1/2", 8 mm. Base 6". Weight 8.3 lbs.

**Includes** collet chucks (1/4", 1/2"), 2 wrenches and chip shield.

Stk.	Mfr.	Amps	RPM	Price
<b>260230</b>	1617	11	25,000	<b>WEB</b>



### Bosch 2-1/4 HP VS Fixed Base Router

**BOSCH** Router has the power to get results, with a 12 Amp motor and adjustable speed settings. The variable-speed dial sets the optimal speed. With the Constant Response Circuitry, the router will maintain a constant speed throughout the cut, resulting in clean, accurate product. The Precision Centering Design allows the bit to be centered with the sub-base or optional template guides. Right or left switch location for user preference and consistency (motor does not rotate during depth adjustment).

Collet capacity 1/4", 3/8", 1/2", 8 mm. Base 6". Weight 8.3 lbs.

**Includes** collet chuck (1/4", 1/2"), 3 wrenches, chip shield and table-mounting screws.

Stk.	Mfr.	Amps	RPM	Price
<b>260231</b>	1617EVS	12	8,000-25,000	<b>WEB</b>



### Bosch 2-1/4 HP VS Plunge/Fixed Base Router

**BOSCH** Router has the power to get results, with a 12 Amp motor and adjustable speed settings. Use the variable-speed dial to set the optimal speed. With Constant Response Circuitry, the router will maintain a constant speed throughout the cut. The plunge base features smooth plunge action. Users can glide along the intended cutline using dovetail fixtures, templates, jigs and other guidance devices. The Precision Centering Design allows the bit to be centered with the sub-base.

Collet capacity 1/4", 3/8", 1/2", 8 mm.

Base 6" (Fixed), 6-11/16" (Plunge). Weight 10 lbs.

**Includes** collet chucks (1/4", 1/2"), 3 wrenches, fixed base, plunge base, chip shields, table-mounting screws and case.

Stk.	Mfr.	Amps	RPM	Plunge	Price
<b>260232</b>	1617EVSPK	12	8,000-25,000	2-1/4"	<b>WEB</b>



### DeWalt 2-1/4 HP EVS Fixed Base Router

**DEWALT** Fixed base, plunge router combo kit with Soft Start has a powerful motor for routing through tough hardwood at the user's desired speed. Micro-fine, depth-adjustment

ring provides precise depth adjustments in 1/64" increments and adjusts vertically. Rubber overmolded handles and low center of gravity design provide comfort, balance and control. The plunge base integral dust collection provides superior bit visibility.

Collet Capacity: 1/2". Base: 6". Weight: 10.1 lbs.

**Includes** fixed base, plunge base, collets (1/4", 1/2"), wrench, sub base, vacuum adapter and case.

Stk.	Mfr.	Amps	RPM	Price
<b>243011</b>	DW618PK	12	8,000-24,000	<b>WEB</b>



### Metabo HPT 2-1/4 HP VS Fixed Base Router

**Metabo HPT** Router is made for fine groove cutting, chamfering, window cutting, trimming, shaping and cutting patterns. Featuring ergonomic styling and designed for precision, this router would be a welcomed addition to any workshop. 2-stage

motor release clamp, for quick and accurate depth adjustments and base changes. Electronic speed control, maintains constant RPMs even as load varies.

Collet capacity 1/2", 1/4". Weight 7.3 lbs.

**Includes** collet chucks (1/4", 1/2"), template guide adapter, centering gauge, 3 wrenches and 10 bolts.

Stk.	Mfr.	Amps	RPM	Price
<b>616620</b>	M12VCM	11	8,000-24,000	<b>WEB</b>

## PLUNGE ROUTERS



### Makita 1-1/4 HP Plunge Router

**Makita** Router combines power and speed with a range of ease-of-use features for smooth routing and a precision finish. It's engineered for detailed routing applications including fine woodworking, cabinetry, windows, doors and more. Rubberized contoured handles with built-in switch for better fit

and control. Oversized ball bearing construction, durable flat top design for added convenience when changing bits. Chip deflector directs chips away from the operator.

Collet capacity 1/4". Weight 6 lbs.

**Includes** 1/4" collet, straight guide, wrenches and molded case.

Stk.	Mfr.	Amps	RPM	Plunge	Price
<b>511361</b>	RP0900K	8	27,000	1-3/8"	<b>WEB</b>



### DeWalt 2 HP VS Plunge Router

**DEWALT** This router has a full wave electronic variable speed motor with soft start. Runs at 8,000-24,000 rpm with constant speed under load to ensure a quality finish in all materials. Integral dust collection system efficiently removes chips and provides superior bit visibility. One-piece motor shaft and spindle ensures perpendicularity and accuracy. Micro-fine, depth adjustments in increments of 1/256"

for extreme accuracy.

Collet capacity 1/2", 1/4". Base 4-5/16" x 6-1/4". Weight 9 lbs.

**Includes** collets (1/4", 1/2"), template guide bushing adapter and wrench.

Stk.	Mfr.	Amps	RPM	Plunge	Price
<b>242995</b>	DW621	10	8,000-24,000	2-1/8"	<b>WEB</b>



### Bosch 2-1/4 HP VS Plunge/Fixed Base Router

**BOSCH** Router has the power to get results, with a 12 Amp motor and adjustable speed settings. Use the variable-speed dial to set the optimal speed. With Constant Response Circuitry, the router will maintain a constant speed throughout the cut. The plunge base features smooth plunge action. Users can glide along the intended cutline using dovetail fixtures, templates, jigs and other guidance devices. The Precision Centering Design allows the bit to be centered with the sub-base.

Collet capacity 1/4", 3/8", 1/2", 8 mm. Base 6" (Fixed), 6-11/16" (Plunge). Weight 10 lbs.

**Includes** collet chucks (1/4", 1/2"), 3 wrenches, fixed base, plunge base, chip shields, table-mounting screws and case.

**Includes** collet chucks (1/4", 1/2"), 3 wrenches, fixed base, plunge base, chip shields, table-mounting screws and case.

Stk.	Mfr.	Amps	RPM	Plunge	Price
<b>260232</b>	1617EVSPK	12	8,000-25,000	2-1/4"	<b>WEB</b>



### Makita 3-1/4 HP Plunge Router

**Makita** Router delivers powerful precision with smooth plunge action and superior performance for a wide range of applications including fine woodworking, cabinetry, windows and doors. Linear ball bearings for smooth plunge action and oversized ball bearings for longer tool life. Ergonomic rubberized handles with built-in large 2-finger switch. Shaft lock for easy bit changes and tool-less template guide system.

Collet capacity 1/4", 1/2". Weight 13.4 lbs.

**Includes** collets (1/4", 1/2"), adjustment knob and wrench.

Stk.	Mfr.	Amps	RPM	Plunge	Price
<b>511362</b>	RP1800	15	22,000	2-3/4"	<b>WEB</b>



### Festool OF 1400 Router

**Festool** A powerful machine in a compact package, this Festool router offers 1400 watts of power yet weighs less than 10 lbs. Handling most routing tasks while being extremely maneuverable, it accepts 1/2", 1/4" or 8 mm bits. A plunge depth of 2-3/4" is precise to 1/256"

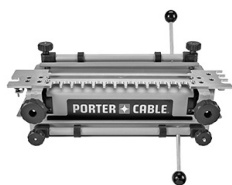
(1/10 mm), the OF 1,400 EQ-F-Plus router gives you power, precision, depth and dust extraction to make routing projects simpler.

Collet capacity 1/4"-1/2". Weight 9.92 lbs.

**Includes** chip catcher, clamping collets (1/4", 5/16" and 1/2" dia.), wrench and Systainer SYS 4 TL.

Stk.	Mfr.	RPM	Plunge	Price
<b>404641</b>	576213	10,000-22,500	2-3/4"	<b>WEB</b>

## ROUTER ACCESSORIES



### 12" Deluxe Dovetail Jigs

**PORTER+CABLE** CNC machined aluminum templates provide superior accuracy in cutting half-blind dovetails, rabbeted half-blind dovetails and sliding dovetails. Alignment lines and router bit depth stop allow quick, easy setup. Heavy-duty steel 3/4" cam-type clamps with sandpaper-backed locking bars secure wood. 1/8" stamped steel base.

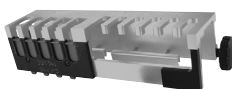
12" stock width. 1/4" to 1-1/8" stock thickness. 1 to 1.5 HP minimum router.

**Deluxe Dovetail Machine** Cuts same as above, plus through dovetails, box joints & mini box joints. **Includes** same as above, plus template 4213 and 1 ea. additional router bit, template guide and lock nut.

Stk.	Mfr.	Price
<b>623732</b>	4212	<b>WEB</b>

**Deluxe Dovetail Jig Combination Machine** Cuts same as both above, plus through mini dovetails & mini box joints. **Includes** same as both above, plus template 4215 and 2 ea. additional router bit and template guide.

Stk.	Mfr.	Price
<b>623733</b>	4216	<b>WEB</b>



### EZ PRO7™ Dovetailer II Dovetail Jig Kit

**General** All-in-one jig produced precise dovetail joints out-of-the-box with a handheld or table router. Easily adjust interface to create

loose or tight joints, while self-aligning design ensures both ends match up evenly. Sturdy, machined aluminum construction and integrated clamps work with router control knobs for safe, comfortable, and accurate use.

**Includes** 1/2" dovetail router bit.

Stk.	Mfr.	Price
<b>419701</b>	861	<b>WEB</b>



### Anti-Vibration Pad

**Woodstock** Indispensable 1/8" thick black pad for stopping bench top tool vibration. 24" x 36"

**Shown with tools, sold separately.**

Stk.	Mfr.	Price
<b>786840</b>	W1322	<b>WEB</b>



### Router Depth Gauge

**Robert Larson** Quickly and accurately set your router to more than a dozen depth settings without the need for trial and error testing.

Size 1/8" - 1".

Stk.	Mfr.	Price
<b>768870</b>	800-2100	<b>WEB</b>

### Template Guides

#### PORTER+CABLE

Stk.	Mfr.	Description	ID	OD	Distance Past Base	Price
<b>627960</b>	42024	Lock Face	21/32"	3/4"	9/16"	<b>WEB</b>
<b>627973</b>	42036	General	9/32"	3/8"	5/16"	<b>WEB</b>
<b>628633</b>	42237	Locknut for all Guides				<b>WEB</b>

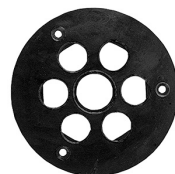


### Template Guides Kit

**PORTER+CABLE** Cuts 1/2" dovetails and rabbet dovetails. Contains 7 template guides and 2 lock nuts.

12" stock width. 5/16" to 1" stock thickness. 7/8 HP min. router.

Stk.	Mfr.	Price
<b>627950</b>	42000	<b>WEB</b>



### Router Sub-base

**PORTER+CABLE** 1-1/8" dia. center hole accepts standard template guides. For use with 690 and 890 series routers. 5-3/4" dia. Phenolic.

Stk.	Mfr.	Price
<b>628298</b>	42186	<b>WEB</b>



### Plunge Router Base

**PORTER+CABLE** Converts 3-1/2" fixed-base router into a plunge router. Provides all plunging capabilities and operation benefits described with Model 693 Plunge Router. Fits most 3-1/2" Porter-Cable or Rockwell motors. Base accepts standard Porter-Cable sub-bases, edge guides and template guides.

**Includes** base, sub-base and manual.

Stk.	Mfr.	Price
<b>624421</b>	6931	<b>WEB</b>

### Collets

**PORTER+CABLE** Self-releasing drop in collets.

Stk.	Mfr.	Item	Price
<b>628766</b>	42999	1/4"	<b>WEB</b>
<b>628764</b>	42975	3/8"	<b>WEB</b>
<b>628760</b>	42950	1/2"	<b>WEB</b>





### Precision Bit & Blade Setup Bars

**Kreg** Concave step on bottom straddles router bit or saw blade for precise height adjustment. Step on top gauges cut depth. Step end sets blade to fence, or bit to fence distance. Made from soft aluminum to prevent bit or blade damage.

**Includes** case and 7 setup bars: 1/8", 3/16", 1/4", 5/16",

3/8", 7/16", 1/2".

Stk.	Mfr.	Price
<b>793904</b>	PRS3400	<b>WEB</b>

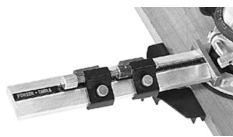


### NGX Clamp Edge Saw Guide

**Bora** It's never been easier to rip, cut and break down material than with the all-new NGX Clamp Edge™ System. No more fumbling with adjustable clamp ends on opposite

sides of the straight edge. The adjustable clamp is connected to the handle. Simply hook the clamp edge across your board, line it up with your cut, and clamp it down.

Stk.	Mfr.	Length	Price
<b>193635</b>	544024	24"	<b>WEB</b>
<b>193636</b>	544036	36"	<b>WEB</b>
<b>193637</b>	544050	50"	<b>WEB</b>



### Precision Edge Guide

**PORTER-CABLE** Solid anodized extruded aluminum body for strength and durability. Dual sliding and lockable adjustment mounts can be set quickly and accurately. Adjustment scale

offers fraction and metric increments. Large fence offers smooth handling when routing.

For models 100, 690, 690LR, 690LRVS, 691, 693, 891, 892 and 893.

Stk.	Mfr.	Price
<b>628740</b>	42690	<b>WEB</b>

## ROUTER TABLES



### Multifunction Table MFT/3

**Festool** Work table features a perforated top, side channels for attaching clamps and folding legs to allow 2 working heights. V-groove channels make squaring the miter gauge easy, accurate and provides a mechanism for attaching accessories. Use as a supplemental work surface

for sanding, jointing, clamping, or just about anything else.

Max. workpiece width 27". Load capacity 265 lbs.

Overall size 45"L x 30"W x 35"H. Weight 61.73 lbs.

**Includes** swivel and support units, router table miter gauge, adjustable stop, 42" guide rail, guide rail deflector and additional clamp.

Stk.	Mfr.	Price
<b>404500</b>	495315	<b>WEB</b>



### Mast-R-Lift Excel II Router Table Package

**JessEm** The Excel II is a top-of-the-line router table which has the height adjustment mechanism riding on 6 double-sealed bearings and through 2 gear boxes for smooth operation. Built-in cam lock for added security while routing. The fence

features heavy-gauge aluminum, red anodized finish, toolless fence face adjustment and built-in dust hook up. Mounts to extruded t-tracks and has built-in scales on the tracks and on top of the fence for quick setup. The stand is a heavy gauge and features square tubing legs, a powder-coat finish and heavy-gauge levelers.

**Includes** Mast-R-Lift Excel II, Mast-R-Fence II and Rout-R-Stand.

Stk.	Mfr.	Price
<b>558112</b>	MWV-JRTP	<b>WEB</b>



### Mast-R-Lift Excel II Router Table

**JessEm** Top of the line router table will provide a lifetime of use, even with the heaviest routers on the market. Table features double sealed bearings to the lift spindle, 6 double sealed bearings to

the height adjustment mechanism (actuated through 2 gear boxes) and 3 double sealed bearings to the cam lock. The patented tensioning system removes any backlash while still adding some resistance to the rotation of the thread. This removes any vibration and prevents the spindle from moving and changing your setting while routing. The shafts are pressed into a shaft mount with hydraulic pressure. This spreads the lateral load and provides a very rigid and durable mount.

Stk.	Mfr.	Price
<b>488070</b>	02202	<b>WEB</b>



### Mast-R-Lift II Router Table Top Plate

**JessEm** The top plate is hard anodized, providing a thick abrasion resistant coating. Double-sealed ball bearings for smooth rotation and a lifetime of use with the heaviest routers. The patented tension feature removes backlash. The built-in locking mechanism uses the same handle to raise and lower the router lift. The lift shafts are hydraulically pressed into a larger diameter mount providing a very rigid and durable mount. All bit changes can be done from above the table.

**Includes** 3 insert rings (1-3/8", 2" and 2-1/2"), insert wrench, crank handle and hardware.

Stk.	Mfr.	Size	Price
<b>488060</b>	02120	9-1/4" x 11-3/4"	<b>WEB</b>
<b>488061</b>	02121	8-1/4" x 11-3/4"	<b>WEB</b>



### Mast-R-Fence II Router Table Fence

**JessEm** Fence features dual track fastening system and adjustable scales that can be set for a zero-reference and fast, repeatable set-ups. Constructed of 6061 aluminum with a red anodized finish. The fence glides locks firmly with the twist of the lock down knobs. The dust port accepts 2-1/4" and 2-1/2" hose fittings. The unique face shimming bars are made of anodized aluminum with one side designed to offset the fence face 1/32" and the other 1/16".

Fence 36"L x 3-5/8"D x 4"H. Fence face 2-1/2"H x 17-3/4"L each.

Fits tables from 24" to 32"L x 1/2" to 1-1/4"T.

Stk.	Mfr.	Price
<b>488110</b>	04010	<b>WEB</b>



### Clear-Cut™ Router Table Stock Guides

**JessEm** These stock guides operate like a stock feeder in that the stock is guided at a slight angle as it is fed forward. Acetal resin rollers with one-way needle bearings steer the stock toward the fence. Stock is pulled tightly to the fence, and the gripping force of the urethane rollers holds it securely in position. Aluminum guides mount to a standard 1/4" T-Slot found on most router table fences and have 2-3/4" of total adjustment.

**Includes** infeed roller, outfeed roller and 1/4" hex key.

Stk.	Mfr.	Price
<b>488130</b>	04215	<b>WEB</b>



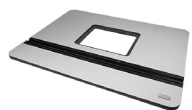
### Digital Readout for Mast-R-Lift

**JessEm** The Digital Readout for the Mast-R-Lift Excel II increases the accuracy and adds to the precision adjustment of the router table top. Easy to install and use, the digital readout measures bit adjustments as small as 1/1000th of an inch. This unit will only work with the new Mast-R-Lift Excel II and will not work with original Excel or any other JessEm router lift models. Choose between display units of decimal inches, fractional inches or metric units.

**Includes** bracket and hardware.

**Requires 2 AAA batteries, sold separately.**

Stk.	Mfr.	Price
<b>488080</b>	02230	<b>WEB</b>



### Mast-R-Top™ Router Table Top

**JessEm** Strong, durable phenolic top for an industrial strength work surface. Extruded aluminum dual track with a T-slot for standard 1/4" hex head bolts or hex nuts and standard 3/4" miter slot. Fits other mfr.'s insert plates measuring 9-1/4" x 11-3/4" x 3/8" T. Rabbeted 9-1/4" x 11-3/4" opening supports most standard router plates and lifts. Underside pre-drilled for JessEm router table fences and steel router table stand.

Overall size 32"L x 24"D x 3/4"T.

**Includes** hex key and hardware.

Stk.	Mfr.	Price
<b>488093</b>	03006	<b>WEB</b>



### ALTS Router Table Stand

**JessEm** A strong and stable base with legs and braces designed to fit a 90° square cabinet with no obstructions. Anodized legs and braces extruded from 6000 series aluminum. Comes with rugged 2-1/2" dia. leg levelers and stainless steel hardware.

Overall size 26-1/4"W x 22-1/4"D x 35-1/4"H.

**Includes** 3/16" hex key.

Stk.	Mfr.	Price
<b>488160</b>	05100	<b>WEB</b>



### Router Lift with Table Kit

**JET** A complete router table system with easily transportable rolling stand, precision router lift with above table bit height adjustments, and a versatile fence system with featherboards and a flip stop. Heavy-duty stand offers router bit storage plus, an integrated mobile base and on-board tool storage for miter gauge. Dust collection system features an enclosed dust box around the router as well as dust collection in the fence at the point-of-cut. Micro-adjust fence options for maximum accuracy when routing.

Overall size 40"L x 32"W x 42"H. Weight 229 lbs.

**Includes** cast iron top, lift plate, fence with 2.5" dust port, two 16" sub-fences, miter gauge 30° left and right, table, steel floor stand, dust collection box with 4" port, power cord, flip stop, 2 fine fence adjusters and 2 vertical feather boards.

**Router sold separately.**

Stk.	Mfr.	Price
<b>486080</b>	737000CK	<b>WEB</b>



### Precision Benchtop Router Table

**Kreg** The capability of a full-size, industrial router table in a portable package. Heavy-duty steel stand with wide stance for extra support, plus thick rubber feet to dampen vibration. Markings on insert plate allow easy router centering and mounting. Precise Insert Plate features Level-Loc Reducing

Rings that twist into place and lock in level and flush with plate surface. MDF table top with Easy-Slide™ Micro-Dot skin.

Table size 24"L x 16"W x 1-1/8"T. Insert plate 9-1/4" x 11-3/4" x 3/8". Overall size 28-1/4"L x 20"W x 20-1/4"H. Weight 31 lbs.

**Includes** table, insert plate with Level-Loc rings, 4 plate levelers, aluminum fence with dust-collection port, bit guard, jointing rods and assembly hardware.

Stk.	Mfr.	Price
<b>793487</b>	PRS2100	<b>WEB</b>



### Precision Router Table System

**Kreg** Precision setups are simple and accurate, thanks to the self-squaring fence; it features a T-square style design, which keeps the fence permanently parallel to the miter/T-slot. Accurate, easy-to-use measuring scale calibrates easily to match any bit, as well as an included micro-adjust

wheel and fence-locking mechanisms ensure perfect, stable setups. The fence's sliding faces are easy to adjust and allow the fence to be used as a jointer. A tool-free dust collection port and improved T-square carriage also provide fast, easy fence installation.

Table size 24"D x 32"W x 1"T. Insert plate 9-1/4" x 11-3/4" x 3/8". Overall size 24"D x 37"W x 29"- 35"H.

**Includes** precision router table fence, precision router table top, insert plate, 4 insert plate levelers, 3 Level-Loc reducing rings & multipurpose shop stand.

**Visit our website for more information.**

Stk.	Mfr.	Price
<b>793482</b>	PRS1045	<b>WEB</b>



#### Laminated Router Table

**BOSCH** The cabinet-style functionality, expanded and precise material support and a dual outlet switch make this the perfect solution for woodworkers in search of a quality bench top router table for the shop. Aluminum fence with adjustable MDF face plates supports taller work

pieces, and out feed offsets for jointing. Rigid aluminum router mounting plate stays flat and precise for accuracy, pre-drilled for a variety of routers. 2 adjustable featherboards attach to fence and table, providing additional guidance and kickback protection. Accessory slot accepts featherboard and 3/4" accessories. 2 dust collection ports for standard 2-1/2" vacuum hoses. Fence 4.875" x 25.125". Size 15.875"L x 25.5"W x 15.875"D. Weight 35 lbs.

**Includes** 3 mounting plate insert rings, mounting hardware for most Bosch routers, 2 adjustable featherboards, adjustable clear guard, starter pin and guard and two 1/16" outfeed fence shims.

**Router not included, sold separately.**

Stk.	Mfr.	Price
<b>259466</b>	RA1171	<b>WEB</b>



#### Bench Top Router Table

**BOSCH** Durable and accurate router table features 4-7/8" x 25-1/8" aluminum fence with adjustable MDF face plates. Rigid aluminum router mounting plate is pre-drilled for a wide variety of routers. Two adjustable featherboards provide guidance and kickback protection. Accessory slot

accepts featherboard and 3/4" accessories. Dust collection port for 2-1/2" vacuum hoses. Storage pocket for holding accessories.

Overall size 18"D x 27"W x 14-1/2"H. Weight 30 lbs.

**Includes** 3 mounting plate insert rings, mounting hardware, 2 adjustable featherboards, adjustable clear guard, starter pin and guard and two 1/16" outfeed fence shims.

**Router sold separately.**

Stk.	Mfr.	Price
<b>259467</b>	RA1181	<b>WEB</b>



#### REBEL® Router Table

**Woodstock** Designed for maximum rigidity & strength, completely portable solid cast-aluminum table features a built-in aluminum insert and pop-out rings, independently adjustable 3" x 12" split fence, precision milled parts, miter gauge & 3" dust pickup safety guard. Table turns any router into a

professional shaping workstation delivering easy-to-use accuracy. Excellent for large production runs or any shaping job requiring easy set-up & superior accuracy.

Overall size 24"W x 18"D x 17"H. Weight 35 lbs.

**Includes** miter gauge, aluminum insert, fence, dust safety guard & manual.

Stk.	Mfr.	Price
<b>786850</b>	W2000	<b>WEB</b>



#### REBEL® Safety Switch with Cord

**Woodstock** Rocker-type safety switch mounts directly to the REBEL® Router Table or any stationary power tool workbench. Red plastic switch cover is a removable key to lock switch in the off position.

Stk.	Mfr.	Price
<b>786851</b>	W2001	<b>WEB</b>



#### REBEL® Board Buddies Anti-Kickback Device

**Woodstock** For safety, this device turns clockwise to prevent kickback on router tables & table saws. Yellow-colored Board Buddies® maintain even pressure against table & fence, resulting in safer, cleaner cuts.

Stk.	Mfr.	Price
<b>786795</b>	W1104	<b>WEB</b>



#### Anti-Vibration Pad

**Woodstock** Indispensable 1/8" thick black pad for stopping bench top tool vibration. 24" x 36"

**Shown with tools, sold separately.**

Stk.	Mfr.	Price
<b>786840</b>	W1322	<b>WEB</b>



#### Router Depth Gauge

**Robert Larson** Quickly and accurately set your router to more than a dozen depth settings without the need for trial and error testing.

Size 1/8" - 1".

Stk.	Mfr.	Price
<b>786870</b>	800-2100	<b>WEB</b>

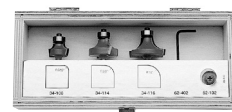
## ROUTER BITS



#### Router Bit Bearings

**Roman Carbide**

Stk.	Mfr.	Item	Price
<b>785643</b>	DC3011	3/8" OD, 3/16" ID	<b>WEB</b>
<b>785644</b>	DC3012	1/2" OD, 3/16" ID	<b>WEB</b>



#### 3-Piece Round Over/Beading Bit Set

**Freud** The 3/8" bearing converts round over bits to beading bits. Round over bits soften furniture edges, beading bits produce a simple, decorative edge.

**1/4" Shank Includes** 3/16", 3/8" and 1/2" radius round over bits (34-108, 34-114, 34-116) and wooden case.

Stk.	Mfr.	Price
<b>412241</b>	89-100	<b>WEB</b>

**1/2" Shank Includes** 1/4", 3/8" and 1/2" radius round over bits (34-120, 34-124, 34-126) and wooden case.

Stk.	Mfr.	Price
<b>412243</b>	89-150	<b>WEB</b>



### 5-Piece Round Over/Beading Bit Set

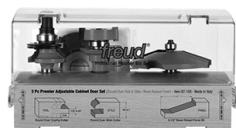
**Freud** The 3/8" bearing converts round over bits to beading bits. Round over bits soften the edges of fine furniture, while beading bits produce a simple, decorative edge on furniture and moldings.

**1/4" Shank Includes** 1/8" round over (34-104), 1/4" round over (34-110), 1/2" round over (34-116), 3/16" round over (34-108), 3/8" round over (34-114) and wooden case.

Stk.	Mfr.	Price
<b>412242</b>	89-102	<b>WEB</b>

**1/2" Shank Includes** 1/8" round over (34-118), 3/8" round over (34-124), 3/4" round over (34-128), 1/4" round over (34-120), 1/2" round over (34-126) and wooden case.

Stk.	Mfr.	Price
<b>412244</b>	89-152	<b>WEB</b>



### 3-Piece Adjustable Cabinet Door Bit Set

**Freud** Designed for use with a 1/2" shank table-mounted router with 3/4" stock. Use on CNC and other automatic routers as well as hand-held and table-mounted portable routers.

**97-150 Includes** round over rail and stile set (99-760), bevel raised panel (99-515) and wooden case.

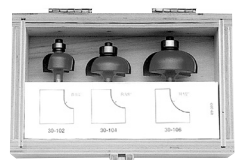
Stk.	Mfr.	Price
<b>412010</b>	97-150	<b>WEB</b>

**97-154 Includes** round over rail and stile set (99-760), ogee raised panel (99-520) and wooden case.

Stk.	Mfr.	Price
<b>412012</b>	97-154	<b>WEB</b>

**97-254 Includes** ogee rail and stile set (99-761), ogee raised panel (99-520) and wooden case.

Stk.	Mfr.	Price
<b>412015</b>	97-254	<b>WEB</b>



### 3-Piece Cove Bit Set

**Freud** Produces classical decorative edge on furniture and moldings. 1/2" shank.

**Includes** 1/4", 3/8" and 1/2" cove bits (30-110, 30-112, 30-114) and wooden case.

Stk.	Mfr.	Price
<b>412247</b>	89-550	<b>WEB</b>



### 4-Piece Undersized Plywood Bit Set

**Freud** For perfectly routing fitted grooves and dadoes. Designed to cut today's undersized 1/4" to 3/4" plywood. 1/4" shank.

**Includes** 7/32" solid carbide two flute straight (04-111), 15/32" mortising (16-098), 11/32" mortising (16-096), 23/32" mortising (16-103) and wooden case.

Stk.	Mfr.	Price
<b>412256</b>	90-106	<b>WEB</b>



### 5-Piece Cabinet Bit Set

**Freud** Adjustable rail and stile set creates raised panels or flat panel doors. Quadra-Cut technology works well for ogee-style raised panel doors. Door lip bit can be used to make traditional overlay doors. Reversible glue joint bit creates strong, accurate joints. 1/2" shank.

**Includes** raised panel (99-510), reversible glue joint (99-031), door lip (99-001), rail and stile (99-760) and wooden case.

Stk.	Mfr.	Price
<b>412251</b>	94-150	<b>WEB</b>



### 6-Piece Starter Bit Set

**Freud** Allows the new woodworker to be very creative with minimum investment. 1/2" shank.

**Includes** 1/4" round nose (18-116), 3/8" rabbeting (32-102), 1/4" roman ogee (38-106), 1/2" cove (30-114), 1-3/4" chamfer (40-114) and wooden case.

Stk.	Mfr.	Price
<b>412259</b>	91-104	<b>WEB</b>



### 9-Piece Starter Bit Set

**Freud** The perfect starter or replacement set, this package includes a wide variety of 1/4" shank bits. Use with handheld or table-mounted routers on hardwood, softwood, plywood, or composites.

**Includes** 1/4" double flute straight bit (04-104), 3/8" double flute straight bit (04-124), 1/2" mortising bit (16-100), 1/2" dovetail bit (22-104), 1-1/4" rabbeting bit (32-100), 3/8" bearing flush trim bit (42-102), 1/4" panel pilot bit (70-100), also contains a 2-cutter version of 34-110 and 38-100 and wooden case.

Stk.	Mfr.	Price
<b>412240</b>	88-100	<b>WEB</b>



### 6-Piece Straight Bit Set

**Freud** Most common sizes ranging from 1/4" to 1" for grooves, dadoes, rabbets and many other jobs. All bits have 1/2" shank, feature TiCo carbide, and are suitable for composite, plywood, hardwood, and softwood.

**Includes** 1/4" double flute straight bit (12-100), 5/16" double flute straight bit (12-106), 1/2" double flute straight bit (12-116), 5/8" double flute straight bit (12-136), 3/4" double flute straight bit (12-152), 1" double flute straight bit (12-172) and wooden case.

Stk.	Mfr.	Price
<b>412258</b>	91-102	<b>WEB</b>



### 13-Piece Super Bit Set

**Freud** A mix of popular bits for cutting composite materials, plywoods, hardwoods, and softwoods with a handheld or table-mounted portable router. Unique shadow box case can be hung on a wall or mounted to a bench for safe, easy access to bits.

**Includes** 1/4" double flute straight bit (12-100), 1/2" double flute straight bit (12-116), 3/4" double flute straight bit (12-152), 1/2" mortising bit (16-100), 1/8" radius round nose bit (18-114), 3/4" 90° v grooving bit (20-108), 1/2" dovetail bit (22-112), 1/2" radius cove bit (30-114), 1-1/4" rabbeting bit (32-102), 3/8" radius rounding over bit (34-124), 1-5/8" roman ogee bit (38-106), 1-5/8" chamfer bit (40-114), 1/2" bearing flush trim bit (42-110) and wooden case.

Stk.	Mfr.	Price
<b>412257</b>	91-100	<b>WEB</b>





### 15-Piece Advanced Bit Set

**Freud** A wide variety of useful bits, from rounding over and "V" groove to chamfering to flush trim. All bits feature Freud's TiCo carbide and Perma-SHIELD® Coating, 1/4" shanks, and can be used in hand-held or table-mounted routers.

**Includes** 1/4" double flute straight bit (04-106), 3/4" double flute straight bit (04-140), 1/2" mortising bit (16-100), 1/8" radius round nose bit (18-104), 1/2" 90° v grooving bit (20-104), 1/2" dovetail bit (22-104), 1/4" panel pilot bit (26-100), 1/2" radius cove bit (30-106), 1-1/4" rabbeting bit (32-100), 1-3/4" chamfer bit (40-106), 1/2" bearing flush trim bit (42-106), 1/4" solid carbide flush trim bit (64-100), 1/4" bevel trim bit (66-100), also 2-cutter versions of 34-114 and 38-100 and wooden case.

Stk.	Mfr.	Price
<b>412245</b>	90-100	<b>WEB</b>

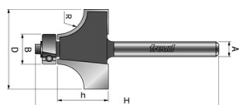


### 26-Piece Carbide / Carbide Tipped Set

**Freud** A wide range of bits to cut all composition materials, plywoods, hardwoods and softwoods. Use on hand-held and table-mounted portable routers. 1/4" Shank.

**Includes** 1/8" double flute straight bit (04-100), 1/4" double flute straight bit (04-106), 1/4" double flute straight bit (04-108), 3/4" double flute straight bit (04-140), 1/2" mortising bit (16-100), 1/8" radius round nose bit (18-104), 3/16" radius round nose bit (18-106), 1/4" 90° v grooving bit (20-100), 1/2" 90° v grooving bit (20-104), 1/2" dovetail bit (22-104), 1/4" panel pilot bit (26-100), 1/4" radius cove bit (30-102), 1/2" radius cove bit (30-106), 1-1/4" rabbeting bit (32-100), 1-3/4" chamfer bit (40-106), 3/8" bearing flush trim bit (42-100), 1/2" bearing flush trim bit (42-104), 1/2" bearing flush trim bit (42-106), 1/4" solid carbide flush trim bit (64-100), 1/4" bevel trim bit (66-100), 2-cutter versions of 34-110, 34-114, 36-110, 36-114, 38-100, 38-102 and wooden case.

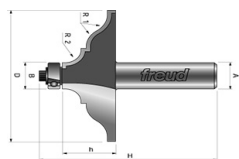
Stk.	Mfr.	Price
<b>412248</b>	92-100	<b>WEB</b>



### Rounding Over Bits

**Freud** Softens furniture edges. Shear angle provides a very smooth cut. Use with Freud 62-102 bearing for beading work.

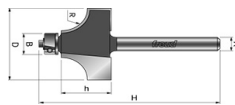
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411936</b>	34-104	3/4"	1/2"	1/2"	2-3/16"	1/8"	1/4"	<b>WEB</b>
<b>411937</b>	34-108	7/8"	1/2"	1/2"	2-3/16"	3/16"	1/4"	<b>WEB</b>
<b>411938</b>	34-110	1-1/8"	5/8"	1/2"	2-3/16"	1/4"	1/4"	<b>WEB</b>
<b>411939</b>	34-112	1-1/4"	1/2"	1/2"	2-3/16"	5/16"	1/4"	<b>WEB</b>
<b>411940</b>	34-114	1-3/8"	1/2"	5/8"	2-3/16"	3/8"	1/4"	<b>WEB</b>
<b>411941</b>	34-116	1-1/2"	1/2"	3/4"	2-1/2"	1/2"	1/4"	<b>WEB</b>
<b>411956</b>	34-120	1-1/4"	1/2"	1/2"	2-1/2"	1/4"	1/2"	<b>WEB</b>
<b>411942</b>	34-124	1-1/4"	1/2"	5/8"	2-5/8"	3/8"	1/2"	<b>WEB</b>



### Table Edge & Handrail Bit

**Freud** Produces sturdy, attractive handrails for staircases. Combine with another rail profile for custom railing designs.

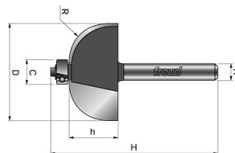
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
<b>411994</b>	99-450	2-1/2"	1/2"	25/32"	2-3/4"	3/8"	15/64"	1/2"	<b>WEB</b>



### Beading Bits

**Freud** Adds an attractive bead profile to furniture and millwork. Use Freud 62-104 bearing for rounding over work.

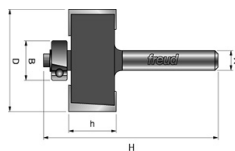
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411944</b>	36-108	7/8"	3/8"	1/2"	2-3/16"	3/16"	1/4"	<b>WEB</b>
<b>411945</b>	36-110	1-1/8"	3/8"	1/2"	2-3/16"	1/4"	1/4"	<b>WEB</b>
<b>411946</b>	36-112	1-1/4"	3/8"	1/2"	2-3/16"	5/16"	1/4"	<b>WEB</b>
<b>411947</b>	36-114	1-3/8"	3/8"	5/8"	2-3/16"	3/8"	1/4"	<b>WEB</b>
<b>411948</b>	36-116	1-1/2"	3/8"	3/4"	2-1/2"	1/2"	1/4"	<b>WEB</b>
<b>411949</b>	36-120	1"	3/8"	1/2"	2-1/2"	1/4"	1/2"	<b>WEB</b>



### Cove Bits

**Freud** Creates a smooth classic cove profile. Upward shear angle offers a more efficient, smoother cut. Shear angle allows bit to slice wood similar to the way a craftsman uses a hand plane.

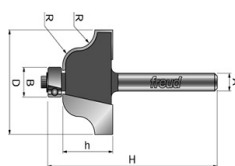
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (C)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411930</b>	30-102	7/8"	3/8"	1/2"	2-3/16"	1/4"	1/4"	<b>WEB</b>
<b>411931</b>	30-104	1-1/4"	1/2"	1/2"	2-3/16"	3/8"	1/4"	<b>WEB</b>
<b>411932</b>	30-106	1-1/2"	3/8"	1/2"	2-3/16"	1/2"	1/4"	<b>WEB</b>



### Rabbeting Bits

**Freud** Produces smooth cuts on both surfaces of the rabbet. Use for joining boards and letting-in back panels. Remove steel pilots from bits and use with edge guides for wider rabbets.

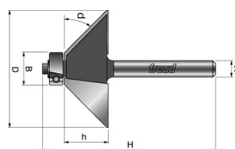
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Shank (A)	Price
<b>411933</b>	32-096	1-1/4"	3/8"	3/8"	2"	1/4"	<b>WEB</b>
<b>411934</b>	32-100	1-1/4"	1/2"	3/8"	2"	1/4"	<b>WEB</b>
<b>411935</b>	32-102	1-1/4"	1/2"	3/8"	2-1/4"	1/2"	<b>WEB</b>



### Roman Ogee Bits

**Freud** Adds elegance to any project. Change the profile by changing the bit height.

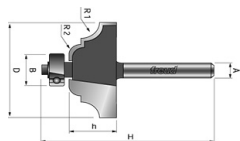
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411952</b>	38-100	1-1/16"	3/8"	1/2"	2-3/16"	5/32"	1/4"	<b>WEB</b>
<b>411953</b>	38-102	1-3/8"	3/8"	23/32"	2-3/8"	1/4"	1/4"	<b>WEB</b>
<b>411954</b>	38-106	1-5/8"	3/8"	23/32"	2-9/16"	1/4"	1/2"	<b>WEB</b>



### Chamfer Bits

**Freud** A great solution for multiple-sided projects, joinery, and easing edges, this bit creates a uniform chamfer on workpiece edges to add character while retaining crisp geometric lines.

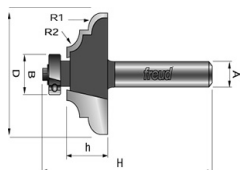
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
<b>411959</b>	40-104	1-11/32"	1/2"	1/2"	2-3/16"	45°	1/4"	<b>WEB</b>
<b>411960</b>	40-114	1-5/8"	3/8"	5/8"	2-9/16"	45°	1/2"	<b>WEB</b>



### Classical Cove & Bead Bits

**Freud** Accents furniture or millwork with classical cove design. Computer balancing of bits ensure smooth, vibration-free cuts.

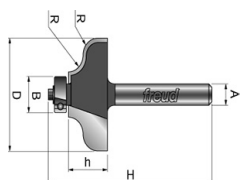
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
<b>411957</b>	38-352	1-5/8"	5/8"	5/8"	2-5/16"	1/4"	5/32"	1/4"	<b>WEB</b>
<b>411958</b>	38-362	1-1/2"	1/2"	5/8"	2-1/2"	1/4"	5/32"	1/2"	<b>WEB</b>



### Classical Cove & Round Bit

**Freud** Adds elegance to any woodworking project. Micro-Grain carbide tip remains sharper than standard carbides.

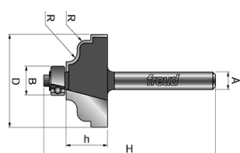
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
<b>411964</b>	38-614	1-3/8"	1/2"	1 1/16"	2-3/4"	1/4"	3/16"	1/2"	<b>WEB</b>



### Ogee Fillet Bit

**Freud** Profile includes a small fillet at the bottom of the ogee pattern. Convert to an ogee bit by replacing bearing with a 62-104 bearing.

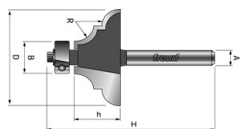
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411955</b>	38-202	1-1/4"	3/8"	1/2"	2-1/8"	3/16"	1/4"	<b>WEB</b>



### Double Fillet Ogee Bit

**Freud** Produces an attractive edge profile to accent furniture, cabinets and millwork.

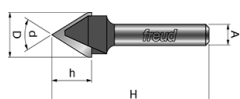
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411989</b>	99-003	1-5/8"	5/8"	9/16"	2-5/16"	1 1/64"	1/2"	<b>WEB</b>



### Classical Bold Cove & Round Bit

**Freud** For forming a decorative edge on tabletops, plaques and cabinetry. Use Freud's 62-102 to convert round over profile into a bead.

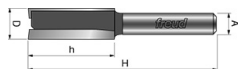
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411963</b>	38-502	1-1/4"	1/2"	7/16"	2-1/16"	3/16"	1/4"	<b>WEB</b>



### V-Groove Bits

**Freud** Cuts deep or shallow V grooves. Use for making signs and adding decorative accents to furniture and plaques.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
<b>411923</b>	20-100	1/4"	1/4"	1-1/2"	90°	1/4"	<b>WEB</b>
<b>411924</b>	20-102	3/8"	5/16"	1-3/4"	90°	1/4"	<b>WEB</b>
<b>411995</b>	20-104	1/2"	7/16"	1-3/4"	90°	1/4"	<b>WEB</b>



### Double Flute Straight Bits

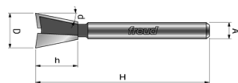
**Freud** Precise hook angle. End of bit relief for fast plunging.

### Solid Carbide

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<b>411900</b>	04-100	1/8"	3/8"	1-3/4"	1/4"	<b>WEB</b>
<b>411901</b>	04-102	3/16"	1/2"	2"	1/4"	<b>WEB</b>
<b>411902</b>	04-105	1/4"	5/8"	2"	1/4"	<b>WEB</b>
<b>411903</b>	04-107	1/4"	7/8"	2-1/4"	1/4"	<b>WEB</b>
<b>411904</b>	04-108	1/4"	1"	2-1/2"	1/4"	<b>WEB</b>
<b>411905</b>	04-109	1/4"	7/8"	2-7/8"	1/4"	<b>WEB</b>

### Carbide-tipped

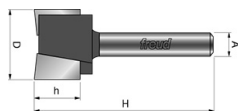
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<b>411906</b>	04-120	3/8"	7/8"	1-7/8"	1/4"	<b>WEB</b>
<b>411907</b>	04-131	1/2"	7/8"	1-7/8"	1/4"	<b>WEB</b>
<b>411908</b>	04-136	5/8"	3/4"	2-1/8"	1/4"	<b>WEB</b>
<b>411909</b>	04-140	3/4"	3/4"	2-1/8"	1/4"	<b>WEB</b>
<b>411910</b>	12-102	1/4"	7/8"	2-7/8"	1/2"	<b>WEB</b>
<b>411911</b>	12-108	3/8"	1"	2-5/8"	1/2"	<b>WEB</b>
<b>411912</b>	12-110	3/8"	1-1/4"	2-7/8"	1/2"	<b>WEB</b>
<b>411913</b>	12-118	1/2"	1-1/4"	2-7/8"	1/2"	<b>WEB</b>
<b>411914</b>	12-122	1/2"	1-1/2"	3-1/8"	1/2"	<b>WEB</b>
<b>411918</b>	12-128	1/2"	2"	4-1/8"	1/2"	<b>WEB</b>
<b>411915</b>	12-138	5/8"	1-1/4"	2-1/2"	1/2"	<b>WEB</b>
<b>411916</b>	12-154	3/4"	1-1/4"	3"	1/2"	<b>WEB</b>
<b>411917</b>	12-168	7/8"	1-1/4"	3"	1/2"	<b>WEB</b>



### Dovetail Bits

**Freud** For smooth, intricate dovetail joints. Compatible with many dovetailing jigs.

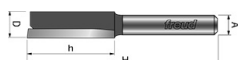
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
<b>411927</b>	22-102	3/8"	3/8"	1-7/8"	9°	1/4"	<b>WEB</b>
<b>411928</b>	22-104	1/2"	1/2"	1-7/8"	14°	1/4"	<b>WEB</b>
<b>411929</b>	22-112	1/2"	1/2"	2-1/4"	14°	1/2"	<b>WEB</b>



### Mortising Bit

**Freud** Deep center gullet provides maximum material removal without chip load. Use with templates for setting butt hinges.

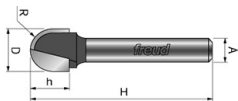
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<b>411919</b>	16-100	1/2"	1/2"	2"	1/4"	<b>WEB</b>



### Single Flute Straight Bits

**Freud** For high production work with a maximum amount of chip clearance. End of bit relief allows for fast plunging.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<b>411890</b>	03-124	3/16"	3/8"	1-1/2"	1/4"	<b>WEB</b>
<b>411892</b>	03-140	1/4"	1-1/2"	2-1/2"	1/4"	<b>WEB</b>



### Round Nose Bits

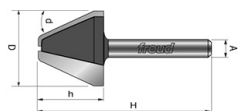
**Freud** Provides a perfect radius groove every time. Produces several different styles of fluted millwork. Use for making signs or cutting decorative designs in cabinet doors.

#### Solid Carbide

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411920</b>	18-104	1/4"	3/8"	2"	1/8"	1/4"	<b>WEB</b>

#### Carbide-tipped

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411921</b>	18-106	3/8"	3/8"	1-13/16"	3/16"	1/4"	<b>WEB</b>
<b>411922</b>	18-108	1/2"	3/8"	1-13/16"	1/4"	1/4"	<b>WEB</b>
<b>411925</b>	18-112	3/4"	7/16"	2"	3/8"	1/4"	<b>WEB</b>



### Lettering Bit

**Freud** 60° angle for highly readable relief lettering. Flattened end quickly removes excess material between letters.

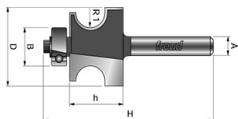
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Angle (d)	Radius (R)	Shank (A)	Price
<b>411926</b>	20-172	1"	3/4"	2"	60°	1/8"	1/4"	<b>WEB</b>



### Key Hole Bit

**Freud** Creates key holes for hanging plaques and shelves. Large dia. bores holes to allow nail or screw heads to enter the slot. Smaller dia. allows room for the shank of the nail or screw.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Minor Height (m)	Small Dia. (n)	Shank (A)	Price
<b>411981</b>	70-104	25/64"	7/16"	1-5/8"	1/4"	3/16"	1/4"	<b>WEB</b>



### Traditional Beading Bit

**Freud** Forms a single bead with a square shoulder. Commonly used by remodelers to match moldings in historic homes.

Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Radius (R)	Shank (A)	Price
<b>411987</b>	80-104	1-1/4"	1/2"	11/16"	2-5/16"	3/16"	1/4"	<b>WEB</b>



### Adjustable Rail & Stile Bit Set

**Freud** Build rail and stile doors with your choice of 5 different profiles with 5/8" to 1-1/4" thickness. Adjustable shims change panel groove down to 7/32" and up to 3/8" T. Patented extended tenon capability for milling extra-strong long tenon joints. Unique cutter

geometry eliminates tearout. Hi-Density Carbide w/Titanium (TiCo™) maximizes bit life and material finish. Perma-Shield® coating.

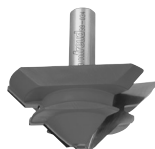
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Minor Height (m)	Radius (R)	Shank (A)	Price
<b>412000</b>	99-760	1-11/16"	1-1/4"	3-3/4"	15/64"	7/32"	1/2"	<b>WEB</b>



### Wedge Tongue & Groove Router Bits

**Freud** For gluing wide projects such as table tops and bookcases. Thick carbide tips and 1/2" shanks let you maintain a rapid feed speed with these bits. Designed for 3/4" to 1" stock.

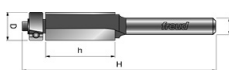
Stk.	Mfr.	Item	Price
<b>412253</b>	99-032	Wedge Tongue	<b>WEB</b>
<b>412254</b>	99-033	Groove	<b>WEB</b>



### Lock Miter Bit

**Freud** Mating pieces can be run without changing original setup. Run 1 piece of stock vertically, the other piece horizontally for a perfect fit. Designed for 3/4" to 1" stock.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
<b>412255</b>	99-034	2-3/4"	1-5/32"	2-5/8"	45°	1/2"	<b>WEB</b>



### Bearing Flush Trim Bits

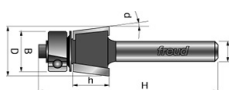
**Freud**

**2 Flutes** 2 flutes for faster cutting, trimming cabinet laminate and for pattern work.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<b>411965</b>	42-090	3/4"	1"	2-15/16"	1/4"	<b>WEB</b>
<b>411966</b>	42-100	3/8"	1"	2-13/16"	1/4"	<b>WEB</b>
<b>411967</b>	42-104	1/2"	1"	2-13/16"	1/4"	<b>WEB</b>
<b>411968</b>	42-110	1/2"	1"	3-1/4"	1/2"	<b>WEB</b>
<b>411969</b>	42-116	1/2"	2"	4-3/8"	1/2"	<b>WEB</b>

**3 Flutes** 3 flute for a superior surface finish.

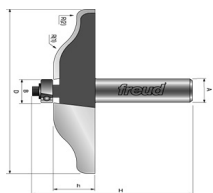
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<b>411970</b>	44-100	1/2"	1"	2-13/16"	1/4"	<b>WEB</b>



### Bevel Trim Bit

**Freud** 41 Series bits provides a range of bevels from 8° to 45° on plastic laminate and feature a ball bearing guide.

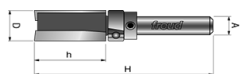
Stk.	Mfr.	Overall Dia. (D)	Bearing Dia. (B)	Carbide Height (h)	Length (H)	Angle (d)	Shank (A)	Price
<b>411971</b>	41-108	25/32"	3/8"	29/64"	1-15/16"	25°	1/4"	<b>WEB</b>



### 2+2 Raised Panel Router Bit

**Freud** For creating decorative tops, plaques and molding. 2 small wings cut downward to shear the top edge for a splinter-free surface, and 2 large wings shear upward for a smooth finish. Produces raised panels for doors and paneling. Use 1/2"H for 5/8" stock and 5/8"H for 3/4" stock.

Stk.	Mfr.	Overall Dia. (D)	Bear Dia. (B)	Carbide Height (h)	Lgh (H)	Minor Height (m)	Large Radius (R1)	Small Radius (R2)	Shank (A)	Price
<b>411993</b>	99-520	3-1/2"	1/2"	5/8"	2-1/2"	7/32"	25/32"	5/32"	1/2"	<b>WEB</b>



### Top Bearing Flush Trim Bits

**Freud** Top-mounted bearings for lettering or other template work where the piece is being grooved or routed out.

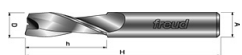
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<a href="#">411972</a>	50-102	1/2"	1"	2-5/8"	1/4"	<b>WEB</b>
<a href="#">411973</a>	50-104	5/8"	1"	2-5/8"	1/4"	<b>WEB</b>
<a href="#">411974</a>	50-106	3/4"	1"	2-5/8"	1/4"	<b>WEB</b>



### Solid Carbide Down Spiral Bits

**Freud** For top surface chip-free routing where chip removal is not a problem. Use for through cutting of material with a table-mounted router or a pin router. Reduces chipping when working with single-sided veneers or laminated materials. Double flute.

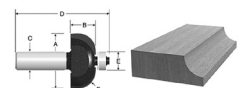
Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<a href="#">411984</a>	76-100	1/8"	1/2"	2"	1/4"	<b>WEB</b>
<a href="#">411986</a>	76-103	1/4"	3/4"	2"	1/4"	<b>WEB</b>
<a href="#">411985</a>	76-102	1/4"	1"	2-1/2"	1/4"	<b>WEB</b>



### Solid Carbide Up Spiral Bits

**Freud** Combines effective chip removal with a cut unmatched by standard straight bits. Computer-designed flutes provide chip removal required in production settings. Suited for cutting mortises and routing deep blind holes. Double flute.

Stk.	Mfr.	Overall Dia. (D)	Carbide Height (h)	Length (H)	Shank (A)	Price
<a href="#">411982</a>	75-100	1/8"	1/2"	2"	1/4"	<b>WEB</b>
<a href="#">411983</a>	75-103	1/4"	3/4"	2"	1/4"	<b>WEB</b>

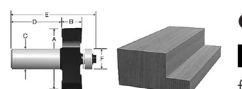


### Carbide-Tipped Cove Bit

**BOSCH** Micrograin control cut bit for decorative edging and period furniture.

**C. Shank Dia. 1/4". E Bearing Dia. 3/8".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	F. Radius	Price
<a href="#">266236</a>	85206M	1-1/8"	9/16"	2-3/32"	3/8"	<b>WEB</b>



### Carbide-Tipped Rabbeting Bits

**BOSCH** Control cut micrograin bits make fast, smooth rabbeting cuts without the use of a router guide (bits are not guaranteed against breakage due to extreme length).

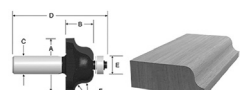
**Rabbet Width 3/8". C. Shank Dia. 1/4". E Bearing Dia. 1/2".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<a href="#">266370</a>	85218M	1-1/4"	1/2"	2"	<b>WEB</b>

**Rabbet Width 1/2". C. Shank Dia. 1/4". E Bearing Dia. 3/8".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<a href="#">269340</a>	85614M	1-3/8"	1/2"	2"	<b>WEB</b>

[266370](#) To increase the width of rabbet by 1/16" for 85218M, order 3/8" dia. bearing 3 600 900 501 & dust shield 3 600 120 507.

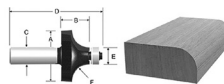


### Carbide-Tipped Roman Ogee Bit

**BOSCH** Micrograin control cut bits for decorative edging and period furniture.

**C. Shank Dia. 1/4". E Bearing Dia. 3/8".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	F. Radius	Price
<a href="#">267174</a>	85270M	1"	5/8"	2-1/8"	5/32"	<b>WEB</b>
<a href="#">267241</a>	85271M	1-3/8"	3/4"	2-1/4"	1/4"	<b>WEB</b>

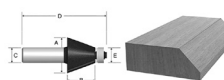


### Carbide-Tipped Roundover Bit

**BOSCH** Control-cut micrograin bit makes smooth, uniformly rounded edges. Lower depth setting creates rounded corner with a decorative bead.

**C. Shank Dia. 1/4". E Bearing Dia. 1/2".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	F. Radius	Price
<a href="#">267509</a>	85294M	1"	1/2"	2"	1/4"	<b>WEB</b>
<a href="#">267576</a>	85295M	1-1/8"	1/2"	2-1/16"	5/16"	<b>WEB</b>
<a href="#">267643</a>	85296M	1-1/4"	5/8"	2-3/16"	3/8"	<b>WEB</b>
<a href="#">267710</a>	85297M	1-1/2"	1 1/16"	2-1/4"	1/2"	<b>WEB</b>

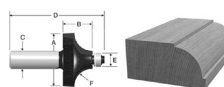


### Carbide-Tipped Chamfer Bit

**BOSCH** Micrograin control cut bits for bevelling and decorative edging.

**C. Shank Dia. 1/4". E Bearing Dia. 3/8". Angle 45°.**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<a href="#">267777</a>	85298M	1-5/16"	1/2"	2"	<b>WEB</b>

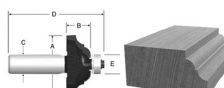


### Carbide-Tipped Beading Bit

**BOSCH** Micrograin control-cut bit creates attractive, decorative edging.

**C. Shank Dia. 1/4". E Bearing Dia. 3/8".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	F. Radius	Price
<a href="#">268983</a>	85494M	1"	1/2"	2"	1/4"	<b>WEB</b>
<a href="#">269117</a>	85496M	1-1/4"	5/8"	2-1/8"	3/8"	<b>WEB</b>

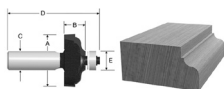


### Carbide-Tipped Classical Bit

**BOSCH** Micrograin control-cut bit adds classic beauty with decorative edging.

**C. Shank Dia. 1/4". E Bearing Dia. 1/2".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<a href="#">269251</a>	85579M	1-1/4"	1/2"	2-3/32"	<b>WEB</b>

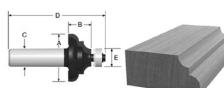


### Carbide-Tipped Ogee Bit with Fillet

**BOSCH** Micrograin control-cut bit allows 3 different cuts. Accent the graceful ogee cut lines with 1 or 2 fillets by lowering the depth setting or using 3/8" dia. bearing 3 600 900 501.

**C. Shank Dia. 1/4". E Bearing Dia. 1/2". Radius 5/32".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<a href="#">269321</a>	85584M	1-3/8"	9/16"	2-1/8"	<b>WEB</b>

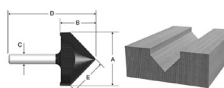


### Carbide-Tipped Cove & Bead Bit

**BOSCH** Micrograin bit creates an attractive accent with a classic woodworking design.

**C. Shank Dia. 1/4". E Bearing Dia. 1/2".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<a href="#">269336</a>	85604M	1-3/8"	1 1/16"	2-1/4"	<b>WEB</b>



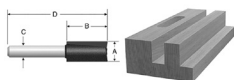
### Carbide-Tipped V-Groove Bit

**BOSCH** Micrograin bit for door-front grooving, lettering and sign work. Shear angle provides improved cut quality, speed and extended life.

**C. Shank Dia. 1/4".**

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	E. Bevel	Price
<a href="#">266374</a>	85219M	9/16"	5/8"	1-3/4"	3/8" 90°	<b>WEB</b>





### Carbide-Tipped Double Flute Straight Bit

**BOSCH** Micrograin bit designed for

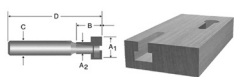
smoothness of cut and balanced cutting with minimal vibration. Positive hook angles for efficient cutting and specially designed tips for fast plunge cutting. Strong webbing and heavy cutter backing extend bit life.

#### C. Shank Dia. 1/4".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<b>266379</b>	85221M	1/4"	5/8"	2"	<b>WEB</b>
<b>266973</b>	85250M	1/4"	7/8"	2-1/8"	<b>WEB</b>
<b>266437</b>	85225M	3/8"	1"	2-1/4"	<b>WEB</b>
<b>266504</b>	85227M	1/2"	1/4"	2-1/4"	<b>WEB</b>
<b>266772</b>	85232M	3/4"	3/4"	2"	<b>WEB</b>

#### C. Shank Dia. 1/2".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<b>266837</b>	85242M	1/2"	1-1/2"	3-1/2"	<b>WEB</b>
<b>267110</b>	85265M	3/4"	1-1/4"	2-7/8"	<b>WEB</b>

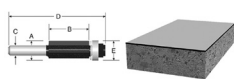


### Carbide-Tipped Keyhole Bit

**BOSCH** For plunge and slot cuts. Route mounting slots in picture frames and plaques.

#### C. Shank Dia. 1/4".

Stk.	Mfr.	A1. Large Dia.	A2. Small Dia.	B. Cutting Edge L.	D. Overall Length	Price
<b>269338</b>	85608M	3/8"	3/16"	7/16"	1-9/16"	<b>WEB</b>



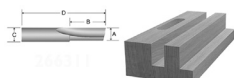
### Carbide-Tipped Triple-Flute Flush Laminate Trim Bit

**BOSCH** Micrograin bit provides chatter-free

production trimming with an extra smooth, flush trim cut. Compact ball-bearing assembly is equipped with a glue shield.

#### C. Shank Dia. 1/4". E Bearing Dia. 1/2".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<b>266364</b>	85216M	1/2"	1"	2-1/2"	<b>WEB</b>



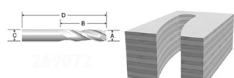
### Solid Carbide Double-Flute Straight Bit

**BOSCH** Micrograin bit for smoothness of cut and balanced cutting with minimal vibration.

Positive hook angles for efficient cutting and specially designed tips for fast plunge cutting. Strong webbing and heavy cutter backing give superior bit life.

#### C. Shank Dia. 1/4".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<b>266311</b>	85213M	1/8"	1/2"	2"	<b>WEB</b>



### Solid Carbide Double-Flute Upcut Spiral Bit

**BOSCH** For use when material needs to

be pulled in an upward motion toward the router motor, improving chip removal. Excellent when dust collection is required. Industrial / CNC bit for high-duty cycle applications.

#### C. Shank Dia. 1/4".

Stk.	Mfr.	A. Overall Dia.	B. Cutting Edge L.	D. Overall Length	Price
<b>269072</b>	85911M	1/4"	1"	2-1/2"	<b>WEB</b>

## CORDLESS BATTERIES & CHARGERS

### Bosch Battery

#### BOSCH

Stk.	Mfr.	Volts	Fits	Price
<b>258910</b>	BAT414	12 (Li-ion)	12V	<b>WEB</b>
<b>258919</b>	BAT612	18 (Li-ion)	18V	<b>WEB</b>

### DeWalt Battery

#### DEWALT

Stk.	Mfr.	Volts	Fits	Price
<b>242906</b>	DCB124	12 (Li-ion)	12V Max	<b>WEB</b>
<b>242904</b>	DCB230	20	20V	<b>WEB</b>
<b>242915</b>	DCB203	20 (Li-ion)	20V Compact	<b>WEB</b>
<b>242916</b>	DCB203-2	20 (Li-ion)	20V Compact 2/pkg.	<b>WEB</b>
<b>242917</b>	DCB204	20 (Li-ion)	20V	<b>WEB</b>

### DeWalt Battery Adapter

#### DEWALT

Stk.	Mfr.	Volts	Fits	Price
<b>242902</b>	DCA1820	20V	Most 18V	<b>WEB</b>
<b>242903</b>	DCA2203C	20V	Most 18V	<b>WEB</b>

### DeWalt Battery Charger

#### DEWALT

Stk.	Mfr.	Fits	Price
<b>242946</b>	DC9310	7.2-18V	<b>WEB</b>
<b>242909</b>	DCB103	12-20V MAX Li-ion, 7.2-18V NiCd/NiMH/Li-ion	<b>WEB</b>

### Makita Battery

#### Makita

Stk.	Mfr.	Volts	Fits	Price
<b>511367</b>	BL1014	12 (Li-ion)	12V	<b>WEB</b>
<b>511346</b>	BL1820B	18	18V Star Tools	<b>WEB</b>
<b>511352</b>	BL1830B	18 (Li-ion)	18V	<b>WEB</b>

### Milwaukee Battery

#### Milwaukee

Stk.	Mfr.	Volts	Fits	Price
<b>577480</b>	48-11-1815	18 (Li-ion)	M18	<b>WEB</b>

### Porter Cable Battery

#### PORTER+CABLE

Stk.	Mfr.	Volts	Fits	Price
<b>626657</b>	PCC682L	20 (Li-ion)	20V Max	<b>WEB</b>

## COMBINATION TOOL KITS



### DeWalt 12V 2-Tool Combo Kit

**DEWALT** Includes DCD710 12V 3/8" Drill/Driver, DCF815 12V 1/4" Impact Driver, two 12V MAX Li-Ion batteries, charger, 2 belt hooks and carrying bag.

Stk.	Mfr.	Price
<b>242955</b>	DCK211S2	<b>WEB</b>



### Makita 12V 2-Tool Combo Kit

**Makita** Includes 12V Max CXT® 3/8" Driver-Drill, 12V Max CXT 3-3/8" Circular Saw, 12V Max CXT Lithium-ion 2.0Ah battery, charger and carrying bag.

Stk.	Mfr.	Price
<b>511348</b>	CT233R	<b>WEB</b>



### Bosch 18V 2-Tool Combo Kit

**BOSCH** Includes 1/2" drill/driver, 1/4" and 1/2" bit/socket impact driver, two 18V Li-Ion 4.0 Ah compact batteries, charger, impact bit, 2 belt clips and carrying bag.

Stk.	Mfr.	Price
<b>258913</b>	GXL18V-233B25	<b>WEB</b>



### Makita 18V 4-Tool Combo Kit

**Makita** Includes 18V LXT® 1/2" Compact Hammer Driver-Drill, 18V LXT Impact Driver, 18V LXT 6-1/2" Circular Saw, 18V LXT LED Flashlight, two 18V LXT DCI8RC Li-Ion Batteries, 18V LXT Charger and carrying bag.

Stk.	Mfr.	Price
<b>511381</b>	XT446T	<b>WEB</b>



### Metabo HPT 18V 2-Tool Combo Kit

**Metabo HPT** Includes 18V Driver/Drill, 18V Impact Driver, two 18V batteries, charger, #2 Phillips bit and carrying bag.

Stk.	Mfr.	Price
<b>616619</b>	KCI8DBFL2CM	<b>WEB</b>



### Milwaukee 18V 3-Tool Combo Kit

**Milwaukee** Includes M18™ 1/2" Compact Drill Driver, M18 3/8" Impact Wrench, M18 Work Light, M18 REDLITHIUM™ Battery, multi-voltage charger, belt clip and carrying bag.

Stk.	Mfr.	Price
<b>575439</b>	2691-23	<b>WEB</b>



### Milwaukee 18V 4-Tool Combo Kit

**Milwaukee** Includes M18™ 1/2" Compact Hammer Drill/Driver, M18 SAWZALL® Recip. Saw, M18 1/4" Impact Driver, M18 Work Light, M18 REDLITHIUM™ XC Battery, charger and carrying bag.

Stk.	Mfr.	Price
<b>575442</b>	2696-24	<b>WEB</b>



### DeWalt 20V 2-Tool Combo Kit

**DEWALT** Includes DCD791 20V Compact 1/2" Drill/Driver, DCF887 20V 1/4" Impact Driver, 2 DCB203 20V MAX XR® Li-Ion batteries, charger, 2 belt hooks and carrying bag.

Stk.	Mfr.	Price
<b>242954</b>	DCK283D2	<b>WEB</b>



### DeWalt 20V 5-Tool Combo Kit

**DEWALT** Includes DCD985 20V 1/2" Hammer Drill, DCS381 20V Reciprocating Saw, DCF885 20V 1/4" Impact Driver, DCS393 20V 6-1/2" Circular Saw, DCL040 20V LED Work Light, two 20V MAX Li-Ion batteries, charger, side handle, belt hook, carbide tipped blade and carrying bag.

Stk.	Mfr.	Price
<b>242959</b>	DCK590L2	<b>WEB</b>



### DeWalt 20V Brushless 5-Tool Combo Kit

**DEWALT**

Includes DCD998 1/2" hammer drill/driver, DCD887 1/4" impact driver, DCS574 7-1/4" circular saw, DCS368 20V reciprocating saw, DCG415 20V grinder, 2 belt hooks, charger, 20V MAX 8.0Ah battery, 20V MAX battery, circular saw blade and carrying bag.

Stk.	Mfr.	Price
<b>242960</b>	DCKSS595DIWI	<b>WEB</b>



### Porter Cable 20V 4-Tool Combo Kit

**PORTER+CABLE** Includes PCC601 1/2" Drill/Driver, PCC661 5-1/2" Circular Saw and blade, PCC671 Recip. Saw and blade, PCC701 LED Work Light, 2 PCC681L 20V MAX Li-Ion Batteries, PCC691L Charger and carrying bag.

Stk.	Mfr.	Price
<b>626655</b>	PCCK616L4	<b>WEB</b>



### Skil 20V 4-Tool Brushless Combo Kit

**SKIL** Versatile power tools with quick-charging and long-lasting 20V batteries. Great for woodworking projects and cutting through tough materials.

Includes 20V drill driver, 20V circular saw, 20V reciprocating saw, 20V LED area light, 4.0Ah and 2.0Ah lithium-ion batteries with PWRJUMP™ and charger.

Stk.	Mfr.	Price
<b>260422</b>	CB7488B	<b>WEB</b>



#### Skil 20V 4-Tool Combo Kit

**SKIL** Includes 1/2" drill driver, impact driver, reciprocating saw, spot light, two Li-Ion 2.0Ah batteries, charger, 2 PH2 bits, belt clip, blade and allen key.

Stk.	Mfr.	Price
<b>260421</b>	CB739601	<b>WEB</b>



#### Metabo HPT 3/8" VS Corded Drill

**Metabo HPT** Drill features an all-metal keyless chuck for higher durability and better bit holding. It is designed to drill into various types of metal, wood, plastic resin, stainless steel and similar materials. This model also tightens and loosens small screws, wood screws, nuts and bolts. Form fit palm grip with rubber over-molded handle. Trigger lock-on and belt hook.

Chuck 3/8" keyless. Size 11" x 10-3/4" x 3-2/3". Weight 3.3 lbs.

Stk.	Mfr.	Amps	RPM	Price
<b>616561</b>	D10VH2M	7	0-2,700	<b>WEB</b>

## ELECTRIC DRILLS



#### DeWalt 3/8" VS Corded Drill

**DEWALT** Drill is constructed with helical-cut steel and heat-treated steel gears for long life and durability. Rubber grip and 2-finger trigger provides comfort and control. Metal gear housing. D-nose for side handle or rig mount.

Chuck 3/8" keyed. Size 12" x 10.2" x 3". Weight 3.6 lbs.

**Includes** chuck key and holder.

Stk.	Mfr.	Amps	RPM	Price
<b>243034</b>	DW223G	7	0-1,250	<b>WEB</b>



#### Porter Cable 3/8" VS Corded Drill

**PORTER+CABLE** Drill is designed for high-performance jobsites, providing reliable power and durability for projects requiring extended tool usage. The high-torque gear design makes the drill ideal for metal and wood fabrication, pilot-hole drilling in deck building or frame construction, and other applications requiring the extended runtime of a corded drill. Belt clip, lock-on button and soft grip handle.

Chuck 3/8" keyless. Size 10-7/8" x 3-1/4" x 10-7/8". Weight 4 lbs.

Stk.	Mfr.	Amps	Price
<b>626660</b>	PC600D	6.5	<b>WEB</b>



#### DeWalt 3/8" VSR Corded Drill

**DEWALT** Drill is ideal for a range of applications including spade bit drilling applications in wood up to 1-1/4", hole saw drilling applications in wood up to 2-1/8", twist bit drilling applications in steel up to 3/8" and hole saw drilling applications in steel up to 1-1/4".

Constructed of helical-cut, heat treated steel gears for durability. The single-sleeve keyless chuck with spindle lock provides bit retention, while the 2-finger, rubber trigger increases comfort.

Chuck 1/2" keyless. Size 12" x 10.2" x 3". Weight 3.3 lbs.

Stk.	Mfr.	Amps	RPM	Price
<b>243033</b>	DW222	6.7	0-1,250	<b>WEB</b>



#### Skil 3/8" 5.5 Amp VS Corded Drill

**SKIL** Drill is ideal for around-the-home repairs and tough drilling tasks alike. It's powered by a 5.5 Amp motor, while also featuring a mid-grip design for precise balance and control.

Chuck 3/8" keyless. Size 9-1/2" x 8" x 3". Weight 3.2 lbs.

**Includes** carrying bag.

Stk.	Mfr.	Amps	RPM	Price
<b>260572</b>	6239-01	5.5	0-2,700	<b>WEB</b>



#### DeWalt 3/8" VSR Pistol Grip Corded Drill

**DEWALT** 3/8" drill has a powerful 8 Amp motor to deliver 0-2,500 rpm speed for heavy-duty applications. Features solid bit retention and a soft grip handle design for comfort. All ball bearing construction provides greater durability and longer tool life.

Chuck 3/8" keyless. Size 9.6" x 10.8" x 3". Weight 4.1 lbs.

Stk.	Mfr.	Amps	RPM	Price
<b>243160</b>	DWD112	8	0-2,500	<b>WEB</b>



#### DeWalt 1/2" 7.8 Amp VSR Corded Drill

**DEWALT** Drill is constructed with helical-cut steel and heat treated steel gears for durability. Rubber grip and 2-finger trigger provides comfort and control. Single-sleeve keyless chuck with spindle lock provides bit retention. Triple gear reduction provides increased torque and reduces gear stress.

Chuck 1/2" keyless. Size 12" x 10.2" x 3". Weight 4.4 lbs.

**Includes** 360° side handle.

Stk.	Mfr.	Amps	RPM	Price
<b>243019</b>	DW246	7.8	0-600	<b>WEB</b>



#### Makita 3/8" VS Corded Drill

**Makita** Drill has a powerful 4.9 Amp motor and variable speed for drilling in a wide variety of materials. It contains an in-line handle design and a large trigger switch for comfortable operation. Additional features include a convenient reversing

switch, and a large recessed lock-on button. All-ball bearing construction for durability, and low decibel rating (79dB) for quieter operation.

Chuck 3/8" keyed. Size 10-9/32"L. Weight 3.1 lbs.

**Includes** chuck key.

Stk.	Mfr.	Amps	RPM	Price
<b>511460</b>	6407	4.9	0-2,500	<b>WEB</b>



#### DeWalt 1/2" VS Corded Drill

**DEWALT** Drill has a powerful 10 Amp motor with overload protection to drill at 0-1250 rpm in forward or reverse. Constructed with soft grip handle for comfort and housed in metal gear housing. Keyless chuck with automatic spindle lock provides bit retention. Mid-handle grip design with soft grip provides increased balance and comfort.

Chuck 1/2" keyless. Size 10.3" x 11.9" x 3.3". Weight 5.2 lbs.

**Includes** 360° side handle.

Stk.	Mfr.	Amps	RPM	Price
<b>242970</b>	DWD215G	10	0-1,250	<b>WEB</b>



### DeWalt 1/2" VSR Corded Drill

**DEWALT** Drill is constructed with helical-cut steel and heat-treated steel gears for durability. Rubber grip and 2-finger trigger provides comfort and control. 360° side handle for greater control and versatility.

Chuck 1/2" keyed. Size 10.2" x 12.2" x 3.2". Weight 4.2 lbs.

**Includes** 360° side handle and chuck key with holder.

Stk.	Mfr.	Amps	RPM	Price
<b>243049</b>	DW235G	8.5	0-1,000	<b>WEB</b>



### Makita 1/2" VS Corded Drill

**Makita** This versatile drill combines durability and power for industrial applications. It has a powerful 6.5 Amp motor, and an industrial metal gear housing. The variable speed trigger allows increased versatility, with a side handle

that can be attached to either side of the tool. Large, conveniently located reversing switch and lock-on button, pistol grip design for comfort and belt clip.

Chuck 1/2" keyed. Size 11-1/4"L. Weight 4.8 lbs.

**Includes** chuck key and side handle.

Stk.	Mfr.	Amps	RPM	Price
<b>511486</b>	6302H	6.5	0-550	<b>WEB</b>



### Milwaukee 1/2" 8 Amp VS Corded Drill

**Milwaukee** The Magnum® drill has the power and construction to deliver long-lasting performance. The all-metal gear case and diaphragm provide high durability on the jobsite. The ergonomic, textured grip and 2-finger trigger optimize user

comfort and balance. Heavy-duty keyed chuck with holder provides an industrial hold during drilling and fastening.

Chuck 1/2" keyed. Size 12-13/64"L. Weight 5.4 lbs.

**Includes** chuck key and side handle.

Stk.	Mfr.	Amps	RPM	Price
<b>575298</b>	0299-20	8	0-850	<b>WEB</b>



### Milwaukee 1/2" VS Corded Drill

**Milwaukee** Magnum® drill with all-metal chuck and QUIK-LOK® cord has the power and construction to deliver long-lasting performance. The all-metal gear case and diaphragm provide high durability on the jobsite. The ergonomic,

tactile grip and 2-finger trigger optimize user comfort and balance. Add the GRIP-LOK™ chuck and a heavy-duty detachable cord, and you have unchallenged value.

Chuck 1/2" keyless. Size 12-1/4"L. Weight 5.6 lbs.

**Includes** side handle and cord.

Stk.	Mfr.	Amps	RPM	Price
<b>575300</b>	0302-20	8	0-850	<b>WEB</b>

## CORDLESS DRILLS



### Festool 18V Cordless Impact Drill

**Festool** This compact powerhouse offers an impressive service life thanks to its extremely robust hammer mechanism. The perfect combination of the new generation brushless 3-speed EC-TEC motor and the battery pack ensure maximum performance and endurance. Kickback free hammer mechanism drives the fastener rather than spinning the drill

around the screw thus protecting your wrist. Ergonomic, compact design enables you to work accurately and for longer periods without becoming tired, even in hard to reach areas.

Chuck: 1/4" keyless. Weight: 3.7 lbs.

**Includes** 2 batteries, rapid charger, belt clip and Systainer SYS3 M 187.

Stk.	Mfr.	RPM	Price
<b>404647</b>	576480	1,200 - 3,200	<b>WEB</b>



### Black & Decker 12V 3/8" Cordless Drill/Driver

**Black & Decker** The perfect combination of power and performance in a compact design. 11-position clutch can tackle most projects. LED work light, keyless chuck and ergonomic handle allow for convenience and enhanced user ability. Max. torque 950 in./lbs.

Chuck 3/8" keyless. Size 9-2/3" x 8-1/4" x 2-3/4". Weight 2.18 lbs.

**Includes** 12V MAX battery, charger and double-ended bit.

Stk.	Mfr.	RPM	Price
<b>243307</b>	BDCDD12C	0-550	<b>WEB</b>



### Bosch 12V 3/8" Cordless Drill/Driver

**BOSCH** Drill/driver provides 265 in./lbs. of max. torque. With 2 speeds and 20+1 torque settings, it is a carry-along solution for applications such as installation and electrical work that requires a great deal of overhead drilling and driving. It features a single sleeve 3-jaw chuck that securely holds bits. It has an

integrated LED light, fuel gauge and Bosch's lightweight 12V Max power system that delivers long runtime with no increase in weight.

Chuck 3/8" keyless. Size 7"L x 2-1/2"W. Weight 1.8 lbs.

**Includes** two 12V Max Li-Ion batteries, charger, 2 bits and carrying bag.

Stk.	Mfr.	RPM	Price
<b>258970</b>	PS31-2A	0-350 / 0-1,300	<b>WEB</b>



### DeWalt 12V 3/8" Cordless Drill

**DEWALT** 12V MAX\* drill driver is lightweight and compact to decrease downtime and fit in tight spaces. 2-speed transmission for optimal speed and torque control. LED provides visibility in dark areas. Belt hook for portability. Max. torque 189 UWO.

Chuck 3/8" keyless. Size 7-1/2" x 7-3/4" x 2". Weight 5 lbs.

**Includes** two 12V Li-Ion battery packs (DCB127), charger, belt hook and carrying bag.

**\*Maximum initial battery voltage (measured without workload) is 12V. Nominal voltage is 10.8.**

Stk.	Mfr.	RPM	Price
<b>242918</b>	DCD710S2	0-400 / 0-1,500	<b>WEB</b>





### Makita 12V 3/8" Cordless Drill/Driver

**Makita** 12V CXT™ drill delivers power and speed in an ultra-compact size for efficient drilling, driving and fastening. With Makita Li-Ion slide-style batteries, users get superior balance and ergonomics over pod-style batteries. For added convenience the batteries include an on-board LED charge level indicator. The brushless motor delivers 280

in./lbs. of maximum torque. Ergonomic handle with rubberized soft grip provides increased comfort.

Chuck 3/8" keyless. Size 6-1/16"L. Weight 2.3 lbs.

**Includes** two 12V Max Li-Ion batteries, charger and molded case.

Stk.	Mfr.	RPM	Price
<b>511382</b>	FD07RI	0-450 / 0-1,500	<b>WEB</b>



### Bosch 18V Compact 1/2" Drill/Driver Kit

**BOSCH** Compact drill/driver kit features a drill with 480 In.-lbs. of torque, for more power to tackle the toughest jobs. The 2-speed transmission is optimized for high-torque driving and high-speed drilling. It provides 20+1 clutch settings for accurate driving and reduced fastener damage. Ideal for overhead applica-

tions, with a short head-length. Ergonomic grip zone and built-in LED work light.

Chuck Size: 1/2" keyless. Size 7.8"L x 8.8"H. Weight 2.8 lbs.

**Includes** 2 li-ion batteries, charger and carrying bag.

Stk.	Mfr.	RPM	Price
<b>258930</b>	GSR18V-190B22	0-450 / 0-1,700	<b>WEB</b>



### Metabo HPT 12V 3/8" Cordless Driver/Drill

**Metabo HPT** Drill/Driver is impressively compact and lightweight, with 2-speed settings and 300 in./lbs. of torque. Ideal for installation, electrical, HVAC and other trade applications, as well as woodworking applications. 21+1 clutch with 21 torque settings and a drill mode for ultimate precision and control. LED

effectively illuminates dark work spaces. Free-standing design allows drill to stand on its own when not in use.

Chuck 3/8" keyless. Size 7-2/3" x 8-2/3" x 2.5". Weight 2.2 lbs.

**Includes** 2 Li-Ion batteries, 7-piece bit set, driver bit, charger and molded case.

Stk.	Mfr.	RPM	Price
<b>616569</b>	DS10DFL2M	0-350 / 1,300	<b>WEB</b>



### Milwaukee 12V 3/8" Cordless Drill/Driver

**Milwaukee** The M12™ drill/driver is the only tool in its class that has an all-metal locking chuck. Its compact, lightweight and durable design offers you greater comfort and efficiency on the job site. Features an onboard LED and fuel gauge helping you increase productivity. Ergonomic handle design for increased comfort. It delivers 275 in./lbs. of maximum torque.

Chuck 3/8" keyless. Size 7-3/8"L. Weight 2.1 lbs.

**Includes** two REDLITHIUM™ Li-Ion batteries, charger and carrying case.

Stk.	Mfr.	RPM	Price
<b>575424</b>	2407-22	0-400 / 0-1,500	<b>WEB</b>



### Skil 12V 1/2" Cordless Drill/Driver

**SKIL** Compact and packed with power, the PWR-Core 12™ drill/driver kit is your go-to cordless tool. The brushless motor provides durability and compact power. With patented battery innovation, this drill is ready to tackle your next project. Save time on bit changes with the Hybrid Chuck™ by inserting a bit

without tightening the chuck. Plug in to the battery's USB port wherever, whenever with PWRAssist™ mobile charging.

Chuck 1/2" hybrid. Size 7-1/8"L. Weight 2.9 lbs.

**Includes** li-ion battery, charger, phillips bit and belt clip.

Stk.	Mfr.	RPM	Price
<b>260370</b>	DL529002	0-450 / 0-1,700	<b>WEB</b>



### Bosch 18V 1/2" Cordless Drill/Driver

**BOSCH** Bosch delivers next-gen innovation with Brute Tough power for demanding materials and applications anywhere on a jobsite. The powerful brushless motor provides efficient power for up to 755 in.-lbs. of torque, and variable speed settings. KickBack Control reduces the risk of bind-up. The

25+1 precision clutch reduces fastener damage. The all-metal chuck provides durability, and it has a longer belt clip for a more secure hold.

Chuck 1/2" keyless. Size 7.6"L. Weight 3.4 lbs.

**Includes** 2 li-ion batteries, charger, auxiliary handle, bit holder, 4 bits, belt clip and carrying bag.

Stk.	Mfr.	RPM	Price
<b>258926</b>	GSR18V-755CB25	0 - 2,100	<b>WEB</b>



### Festool 18V 1/2" Cordless Drill

**Festool** Equipped with an EC-TEC brushless motor, integral LED, and many more features, the T18 delivers at every level. Offers an impressive service life thanks to the perfect combination of the new generation brushless EC TEC motor and the 4.0 battery pack to ensure maximum performance and endurance.

Chuck 1/2" keyless. Weight 3.97 lbs.

**Includes** 2 Li-Ion batteries, rapid charger, belt clip, bit and Systainer SYS3 M 187.

Stk.	Mfr.	RPM	Price
<b>404649</b>	576754	0-450 / 0-1,500	<b>WEB</b>



### Makita 18V 1/2" Cordless Drill/Driver

**Makita** Lithium-Ion driver-drill delivers power, performance and superior ergonomics in a compact size, with a fast-charging battery for less downtime. It features a 4-pole motor that delivers 480 in.-lbs. of Max Torque and 25% more speed than the previous model. Equipped with Star Protection Computer Controls™ to protect

against overloading, over-discharging and overheating. All-metal gear construction for increased durability. Dual LEDs illuminate the work area.

Chuck 1/2" keyless. Size 7-1/4"L. Weight 3.3 lbs.

**Includes** charger, 2 batteries and carrying bag.

Stk.	Mfr.	RPM	Price
<b>511373</b>	XFD10SY	0-600 / 0-1,900	<b>WEB</b>



### Metabo HPT 18V 1/2" Cordless Drill

**Metabo HPT** At only 6.2"L and just 1.9 lbs. (without battery), this subcompact powerhouse (485 in.-lbs.) is engineered to tackle tough jobs in hard to reach spaces. Replace bits quickly with an easy-to-use keyless chuck, plus choose from 20 convenient clutch positions to match the application. The ergonomic grip and center balance design make work comfortable during prolonged use. The bright LED provides substantial brightness to the work area.

Chuck 1/2" keyless. Size 6.2"L. Weight 1.9 lbs.

**Includes** drill, battery charger, two 18V Lilon batteries and molded case.

Stk.	Mfr.	RPM	Price
<b>616588</b>	DS18DDXM	0-1,700	<b>WEB</b>



### Milwaukee 18V 1/2" Cordless Drill/Driver

**Milwaukee** M18™ compact drill-driver is built with a 4-pole frameless motor and delivers 500 in./lbs. of torque. An all-metal gear case and metal chuck provides maximum durability, even on the most challenging job sites. REDLINK™ Intelligence provides advanced protection in heavy duty applications and manages the tool's temperature to ensure maximum life.

Chuck 1/2" keyless. Size 7-1/4"L. Weight 2.9 lbs.

**Includes** two M18™ REDLITHIUM™ batteries, multi-voltage charger and molded case.

Stk.	Mfr.	RPM	Price
<b>575432</b>	2606-22CT	0-400 / 0-1,800	<b>WEB</b>



### Milwaukee 18V 1/2" FUEL™ Cordless Drill

**Milwaukee** Drill/driver delivers the speed and power needed for heavy-duty work. The POWERSTATE™ brushless motor delivers 1,200 in./lbs of torque, providing fast drilling through demanding applications. REDLINK PLUS™ intelligence ensures maximum performance and protects from overloads, heating,

and over-discharge. The all-metal ratcheting chuck provides increased bit grip strength and corrosion resistance.

Chuck 1/2" keyless. Size 6.9"L. Weight 3.2 lbs.

**Includes** 2 REDLITHIUM™ XC5.0 battery pack, multi-voltage charger, side handle, belt clip, bit holder and molded case.

Stk.	Mfr.	RPM	Price
<b>575444</b>	2803-22	0-550/0-2,000	<b>WEB</b>



### DeWalt 20V 1/2" Compact Cordless Drill/Driver

**DEWALT** Compact drill/driver is lightweight and compact for working in tight spaces for long periods of time. High-speed transmission delivers 2 speed variations allowing users to choose the level of performance needed for various applications. Ergonomic handle delivers comfort and control. Max. torque 350 UWO.

Chuck 1/2" keyless. Size 10-1/4" x 16-1/2" x 4-7/8". Weight 4.96 lbs.

**Includes** two 20V Li-Ion battery packs (DCB203), charger, belt hook and carrying bag.

Stk.	Mfr.	RPM	Price
<b>242938</b>	DCD780C2	0-600 / 0-2,000	<b>WEB</b>



### DeWalt 20V Max 1/2" Compact Cordless Drill

**DEWALT** Brushless compact drill is lightweight and compact for working in tight spaces for long periods of time. High-speed transmission delivers 2 speed variations allowing users to choose the level of performance needed for various applications. Comfort grip adds balance and control.

Chuck 1/2" keyless. Size 7.75"L Weight 3.5 lbs.

**Includes** two 20V batteries (DCB203), charger, belt hook and case.

Stk.	Mfr.	RPM	Price
<b>242919</b>	DCD791D2	0-550 / 0-2,000	<b>WEB</b>



### DeWalt 20V 1/2" Cordless 3-Speed Drill/Driver Kit

**DEWALT** Drill/driver delivers 3 speed variations allowing users to choose the level of performance needed for various applications. Powered by a high performance motor and the bits are secured by a heavy-duty 1/2" ratcheting chuck. LED with 20-second delay after trigger release. Max. torque 535 UWO.

Chuck 1/2" keyless. Size 13-1/4" x 16" x 4-7/8". Weight 5.2 lbs.

**Includes** two 20V XR Premium Li-Ion batteries, charger, 360° side handle and molded case.

Stk.	Mfr.	RPM	Price
<b>242941</b>	DCD980M2	0-575 / 0-1,350 / 0-2,000	<b>WEB</b>



### Porter Cable 20V Max 1/2" Cordless Drill/Driver

**PORTER+CABLE** Ideal for metal drilling, wood drilling, and fastening, this drill-driver features a high-performance motor. Its 2-speed gear box delivers the power needed to complete tasks with ease. It is compact and lightweight, so it allows users to work in tight areas and minimizes fatigue. The keyless chuck allows for quick bit changes, and an LED illuminates dark work areas. Maximum power 283 UWO.

Chuck 1/2" keyless. Size 8-1/4"L. Weight 3.5 lbs.

**Includes** 2 Li-Ion batteries, bit and charger.

Stk.	Mfr.	RPM	Price
<b>626653</b>	PCC601LB	0-350 / 0-1500	<b>WEB</b>



### Skil 20V 1/2" PWRCore Cordless Drill

**SKIL** This drill/driver is the power drill you want for any home project. It comes with a PWRCore 20™ 2.0Ah Li-Ion battery and 20V charger. Innovative temperature management system keeps battery cool and powering on through your project. Forward/reverse LED indicator displays which direction you're driving.

LED worklight remains on 10 seconds after trigger is released.

Chuck 1/2" keyless. Size 7-7/16"L. Weight 3 lbs.

**Includes** li-ion battery, charger, Phillips bit and belt clip.

Stk.	Mfr.	RPM	Price
<b>260371</b>	DL527502	0-420 / 0-1,450	<b>WEB</b>

## HAMMER DRILLS



### Bosch 1/2" Hammer Drill

**BOSCH** Hammer drill handles all masonry drilling applications, delivering a max of 51,000 BPM for muscle and durability. The dual-mode selector easily converts from rotation-only to hammer-drill mode. A rotating brush plate allows users to easily back out bound-up bits.

It has 2 speed settings, one for high speed and one for high torque. The heavy-duty 3-jaw chuck has a high clamping force that helps prevent drill bits from slipping. Metal front housing for longer life, a pistol-grip handle with soft-grip design and an integral slip clutch for security against recoil.

Chuck 1/2" keyed. Size 13.4"L x 8.5"H x 3.125"W. Weight 5.8 lbs.

**Includes** side handle, depth gauge and chuck key.

Stk.	Mfr.	Amps	RPM	Price
<b>259447</b>	HD18-2	8.5	0-1,200 / 0-3,200	<b>WEB</b>



### DeWalt 1/2" Hammer Drill

**DEWALT** Dual-range 1/2" hammer drill with 7.8 Amp motor provides high performance and overload protection. Lightweight design for easy use and handling in a variety of orientations. Dual mode for wood, steel or masonry applications.

High/low gear for high speed drilling or high torque applications. Variable speed allows for precise hole placement on work surface.

Chuck 1/2" keyed. Size 13"L. Weight 4.8 lbs.

**Includes** 360° side handle, depth rod, chuck key and molded case.

Stk.	Mfr.	Amps	BPM	Price
<b>243036</b>	DW505K	7.8	0-19,000 / 0-46,000	<b>WEB</b>



### DeWalt 20V 1/2" Cordless Hammer Drill

**DEWALT** Drill delivers 3 speed variations allowing users to choose the level of performance needed for various applications. Powered by a high performance motor, and bits are secured by heavy-duty 1/2" ratcheting chuck. LED with 20-second delay after trigger released. High power, high efficiency motor delivers

535 UWO of maximum power for superior performance in all drilling and fastening applications.

Chuck 1/2" keyless. Size 13-1/4" x 16" x 4-7/8". Weight 5.2 lbs.

**Includes** two 20V Max XR Premium Li-Ion batteries, charger, 360° side handle and molded case.

Stk.	Mfr.	RPM	Price
<b>242936</b>	DCD985M2	0-9,775 / 0-22,950 / 0-34,000	<b>WEB</b>



### Milwaukee 1/2" Dual-Speed Hammer Drill

**Milwaukee** The adaptable dual-speed hammer drill features an 8.5 Amp motor that provides overload protection, even when drilling 3/4" holes in concrete. Choose controls in ranges from 16,000-40,000 BPM. The removable side

handle helps you set the depth rod for preset hold drilling. The heavy-duty metal gear case withstands daily jobsite use, yet the drill's lightweight, balanced design reduces operator fatigue.

Chuck 1/2" keyed. Size 14-3/4"L. Weight 6.4 lbs.

**Includes** side handle, chuck key and molded case.

Stk.	Mfr.	Amps	RPM	Price
<b>575510</b>	5387-22	8.5	0-1,000 / 0-2,500	<b>WEB</b>



### Milwaukee 1/2" Hammer Drill

**Milwaukee** The power to drill 1/2" holes in concrete, and the versatility to excel at wood and steel applications. Features dual-trigger speed control in 2 ranges, with more power for the toughest applications or more speed and less torque for lighter applications. The heavy-duty

metal gear case withstands daily jobsite use, yet the grip design reduces fatigue during a long work day. Self-stopping brushes protect the motor and increases the life of the tool.

Chuck 1/2" keyed. Size 13"L. Weight 6 lbs.

**Includes** side handle, chuck key and molded case.

Stk.	Mfr.	Amps	RPM	Price
<b>575500</b>	5378-21	7.5	0-1350 / 0-2500	<b>WEB</b>



### Milwaukee 18V 1/2" Hammer Drill

**Milwaukee** Built with a 4-pole frameless motor, the M18™ Compact drill/driver delivers 500 in./lbs. of torque and up to 1,800 RPM. An all-metal gear case and 1/2" metal chuck provide maximum durability, even on the most challenging worksites. REDLINK™ Intelligence provides advanced protection in abusive situations and manages the tool's temperature.

Chuck 1/2" keyless. Size 7-3/4"L. Weight 3 lbs.

**Includes** 2 M18™ REDLITHIUM™ batteries, charger and molded case.

Stk.	Mfr.	RPM	Price
<b>575433</b>	2607-22CT	0-400 / 0-1,800	<b>WEB</b>



### Porter Cable 1/2" Hammer Drill

**PORTER+CABLE** 2-speed hammer drill delivers the power and durability to complete the toughest drilling applications. It switches between hammer drill and drill modes to provide versatility for drilling into metal, wood, concrete, brick, block, and many other materials.

The transmission delivers maximum torque in setting 1 and maximum speed in setting 2. A streamlined overmold handle allows for increased comfort and reduced user fatigue. Two-finger locking trigger for extended use.

Chuck 1/2" keyed. Size 14"L. Weight 5.1 lbs.

**Includes** chuck key and holder, side handle and depth rod.

Stk.	Mfr.	Amps	RPM	Price
<b>626666</b>	PC70THD	7	0-1,100 / 0-3,100	<b>WEB</b>



### Porter Cable 20V 1/2" Hammer Drill

**PORTER+CABLE** High-performance hammer drill that delivers the speed needed for masonry jobs. It's motor provides the power for heavy jobsite applications. It is compact and lightweight for easier use in smaller spaces and less user fatigue. High performance drill delivers 25,500 BPM.

Chuck 1/2" keyless. Size 8.75"L. Weight 3.6 lbs.

**Includes** 2 batteries, charger and storage bag.

Stk.	Mfr.	RPM	Price
<b>626648</b>	PCC621LB	1,500	<b>WEB</b>



### Makita 3/4" Hammer Drill

**Makita** Drill features a torque-limiting clutch that disengages automatically if the bit binds, and 2-mode operation for "hammering with rotation" or "hammering only." BPM 0-24,000/0-58,000. Additional features include less weight,

a large trigger switch and an ergonomic rubberized grip for increased comfort. LED for improved visibility, and a variable speed dial that allows the user to match the speed to the application.

Chuck 3/4" keyed. Size 14-1/4"L. Weight 5.6 lbs.

**Includes** side handle, depth gauge, chuck key and molded case.

Stk.	Mfr.	Amps	RPM	Price
<b>511380</b>	HP2050F	6.6	0-1,200 / 0-2,900	<b>WEB</b>

## RIGHT ANGLE DRILLS



### DeWalt 20V 3/8" Right Angle Drill

**DEWALT** Lithium Ion Drill/Driver has multi-trip trigger for comfort and convenience, and compact design with 4" front-to-back length for easy fit in tight spaces. Dual speed ranges (0-650/0-2,000 rpm) provide a wide range of applications. 3/8" ratcheting chuck with deep hex pocket allows 2" (50 mm) hex bit to be fully inserted.

Chuck size: 3/8". Weight: 3.8 lbs.

**Includes** battery, charger, case and belt hook.

Stk.	Mfr.	RPM	Price
<b>242926</b>	DCD740CI	0-650/0-2,000	<b>WEB</b>



### Milwaukee 1/2" Right Angle Drill

**Milwaukee** The ideal tool for stud and joist drilling and a host of other applications. Helical-cut, heat treated gears deliver quiet performance and extended tool life with wood, metal, plastics and composites. Delivers trigger speed control in 2 ranges 0-335/0-750 RPM, plus reverse. The drill's head and handle swivel 360°, and there's a side handle for a secure grip and comfortable, controlled operation. The QUIK-LOK® cord detaches easily for storage or service replacement.

Chuck 1/2" keyed. Size 16.75"L. Weight 10.3 lbs.

**Includes** wrench, socket wrench and molded case.

Stk.	Mfr.	Amps	RPM	Price
<b>575445</b>	3107-6	7	0-500	<b>WEB</b>

## DRYWALL SCREWDRIVERS



### DeWalt Drywall Screwdriver

**DEWALT** Screwdriver is ideal for depth sensitivity for consistent fastener depth. Constructed with helical-cut steel and heat-treated steel gears for long life and durability. Rubber grip and 2-finger trigger provides comfort and control.

Size 12" x 10-1/4" x 3". Weight 2.9 lbs.

Stk.	Mfr.	Amps	RPM	Price
<b>243032</b>	DW255	6	0-5,300	<b>WEB</b>



### Makita Drywall Screwdriver

**Makita** Screwdriver delivers speed, power and ergonomics for drywall applications. It is ideal for driving drywall screws into steel studs. Built-in LED illuminates the work area for greater productivity in low-light applications. Steel-reinforced belt clip for user convenience and increased durability. Ergonomically designed rubberized grip for increased comfort.

Size 11-1/8"L. Weight 3 lbs.

**Includes** magnetic bit and 10 insert bits.

Stk.	Mfr.	Amps	RPM	Price
<b>511359</b>	FS4200	6	0-4,000	<b>WEB</b>



### Milwaukee Drywall Screwdriver

**Milwaukee** Screwdriver offers the speed and control needed to maximize productivity. With a powerful motor and variable-speed control, it is ideal for drywall and framing applications. The

ramp-off depth locator provides easy, no-slip depth adjustments for consistent driving, while the ergonomic, tactile grip and 2-finger trigger enhance comfort and balance. The all-metal gear case and diaphragm are designed for high durability.

Size 12-3/4"L. Weight 3.5 lbs.

**Includes** belt clip.

Stk.	Mfr.	Amps	RPM	Price
<b>576173</b>	6742-20	6.5	0-4000	<b>WEB</b>

## CORDLESS SCREWDRIVERS



### Dremel 3.5V Screwdriver

**DREMEL** 3.5V cordless screwdriver with

USB charger, overdrive protection, is reversible and starts with a simple push. Magnetic holder for easy bit changes.

**Includes** 7 hex bits, bit extender and USB charger.

Stk.	Mfr.	RPM	Price
<b>343004</b>	HSES-01	360	<b>WEB</b>



### Metabo HPT 3.6V Screwdriver

**Metabo HPT** Screwdriver features improved circuit protection to keep its motor running longer in a newly designed tool body with improved LED work light. Converts easily from straight to pistol grip making it perfect for tough-to-reach spaces. It

offers electricians, installers and woodworkers a superior power-to-weight ratio for a variety of fastening applications. Max. torque 44 in./lbs.

Weight .9 lbs.

**Includes** 2 Li-Ion batteries, charger, bit and molded case.

Stk.	Mfr.	RPM	Price
<b>616565</b>	DB3DL2M	0-260 / 0-780	<b>WEB</b>



### Skl 4V Screwdriver with Circuit Sensor™

**SKIL** Circuit Sensor Technology detects live wires from up to 1" away. With this feature, you'll always know where live circuits are located before getting started on your project. Rechargeable lithium-ion battery. Power it up anywhere with micro USB charging. LED work light. Will not detect wires in circuits isolated from the mains supply, cables operating at DC or wires used for telecommunication or computers.

**Includes** 8-piece bit set and USB charging cable.

Stk.	Mfr.	RPM	Price
<b>260446</b>	SD561201	230	<b>WEB</b>

CLICK ON STK # FOR CURRENT PRICE





#### Skil 4V Screwdriver

**SKIL** It may be small, but this rechargeable screwdriver's power and features are mighty! The 2-finger trigger makes getting started easy, and an integrated li-ion battery is ready when you are. The LED work-light illuminates dark spaces so you're always hitting the right marks.

Weight 0.85 lbs.

**Includes** 9 bits, 3" magnetic bit holder, USB charging cable and adapter.

Stk.	Mfr.	RPM	Price
<b>260443</b>	SD561801	220	<b>WEB</b>



#### Bosch 12V Screwdriver

**BOSCH** 2-speed pocket driver allows driving of screws in many hard-to-reach areas straight on. It delivers 265 in./lbs. of max torque, making it ideal for overhead driving. Integrated LED light, 1/4" quick-change hex chuck and forward/reverse button.

Weight 1.4 lbs.

**Includes** 2 Li-Ion batteries, charger, 2 bits and carrying bag.

Stk.	Mfr.	RPM	Price
<b>258967</b>	PS21-2A	0-350 / 0-1,300	<b>WEB</b>



#### Milwaukee 12V Screwdriver

**Milwaukee** The M12™ 1/4" hex screwdriver delivers unmatched precision, power, and portability along with a slimmer, more ergonomic grip. VS speed trigger and 0-500 RPM provides fastening control, while 15+1 clutch settings prevent over-tightening of fasteners. The tool's 175 in./lbs. of torque provide the power to handle tough applications.

Weight 1.67 lbs.

**Includes** 2 Li-Ion batteries, charger and carrying case.

Stk.	Mfr.	RPM	Price
<b>575425</b>	2401-22	0-500	<b>WEB</b>

## DRILL ACCESSORIES



#### Thumb-Handle Chuck Key

**Jacobs** Nickel thumb grip for increased leverage and user comfort.

Stk.	Mfr.	Item	Price
<b>219953</b>	3649D	K2 fits Jacobs Chuck 2 series. 1/4" pilot.	<b>WEB</b>
<b>618712</b>	3651D	K3 fits Jacobs Chuck 3, 34, 14N series. 5/16" pilot.	<b>WEB</b>



#### Self-Ejecting Chuck Key

**Jacobs** Model S-K3C key with spring-loaded ejector ensures key disengagement after tightening. Fits Jacobs Chuck 3, 34 & 14N series. 5/16" pilot.

Stk.	Mfr.	Price
<b>682821</b>	2948D	<b>WEB</b>



#### Master Chuck Key

**Lisle** Strong neodymium magnet for attaching key close to the worksite or toolbox.

Stk.	Mfr.	Item	Price
<b>503790</b>	12050	1/4", 3/8", 1/2" capacity	<b>WEB</b>
<b>503791</b>	12060	3/8", 1/2", 5/8" capacity	<b>WEB</b>



#### AccuDrill™ Precision Drill Guide

**General** Attaches to 3/8" and 1/2" power drills. Slide lock for accurate shaping, carving, sanding and buffing. Built-in depth stop. Dual locking knob and handle hold precise angle setting. Adjusts 45° in either direction of vertical drill position. Anchoring pins secure guide on flat surfaces, narrow edges or large tubing. V-groove for positioning round stock pipe or tubing. Lightweight guide folds flat for toolbox storage.

**Includes** 3/8" chuck and chuck key.

Stk.	Mfr.	Price
<b>417425</b>	36/37	<b>WEB</b>

## FASTENING



#### Bit Extensions

**Irwin** For all wood bits with 1/4" shanks. 3 flats on shank. Follows 5/8" and larger bits through hole. Heavy-duty double set screw.

**Includes** Allen wrench.

Stk.	Mfr.	Size	Shank	Length	Price
<b>485008</b>	88702	5/8"	1/4"	6"	<b>WEB</b>
<b>962358</b>	88601	5/8"	1/4"	12"	<b>WEB</b>



#### Lock-n-Load 1/4" Quick Change Bit Extension

**Irwin** Magnetic, 1-hand quick-change chuck. Durable carbon steel sleeve and body. Select a 1/4" grooved hex shank bit, slide back the chuck sleeve, load the bit, release the sleeve and drill.

Stk.	Mfr.	Size	Length	Price
<b>619535</b>	4935703	1/4"	2-1/2"	<b>WEB</b>
<b>619536</b>	4935704	1/4"	6"	<b>WEB</b>
<b>619537</b>	4935705	1/4"	12"	<b>WEB</b>



#### 3-Piece Nutsetter Set

**BOSCH** With an Xtended Torsion Zone, precision engineering and heat-treated manufacturing process, these bits deliver tough torque and power for longer and with less cam out.

**Includes** 1/4", 5/16" and 3/8".

Stk.	Mfr.	Price
<b>259455</b>	ITNS2490	<b>WEB</b>



### 5-Piece Screwdriving Set

**Master Mechanic** Made from shock resistant tool steel for maximum durability.

**Includes** slotted bits #6-8, square recess bits #1-2, Phillips bits #1-2.

Stk.	Mfr.	Price
<b>942853</b>	616904	<b>WEB</b>



### 10-Piece Impact Insert Bit Set

**Irwin** Heavy-duty, cold-forged, high-grade steel with black oxide finish.

**Includes** 1" insert bits (PH1, 2 PH2, PH3, SQ1, 2 SQ2, SQ3, T25) and 2-1/4" magnetic bit holder with C-ring.

Stk.	Mfr.	Price
<b>619284</b>	1866983	<b>WEB</b>



### 13-Piece Magnetic Drive Guide Set

**Irwin** Set features a Philips insert, square recess insert, and slotted insert bits. This 4-11/16" industrial-grade set is tested to meet the specific demands of professionals.

**Includes** Phillips #1-3, #1-2 square and 8-10 slotted bit tips.

Stk.	Mfr.	Price
<b>619622</b>	IWAF1213	<b>WEB</b>

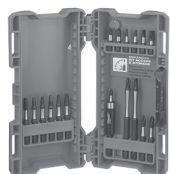


### 18-Piece u-GUARD™ Magnetic Bit Set

**Crescent** Free spinning drive tool increases control while fastening and reduces contact from the rotating tool. Easy-access bits are secured in pivoting insert rails inside stackable case with thick sidewalls for durability.

**Includes** 1" Phillips bits #1, 1" Phillips bits #2, four 5 x 1" slotted impact power bits, six 8 x 1" slotted impact power bits, #1 x 1" square impact power bit, (T15, T20 and T25) x 1" impact power bits, #2 x 3-1/2" Phillips impact power bit 2-pack and alphaCASE™.

Stk.	Mfr.	Price
<b>310643</b>	CAUGSET-18	<b>WEB</b>



### 18-Piece Shockwave Impact™ Driver Bit Set

**Milwaukee**

**Includes** 1" insert bits, 2" power bits, 3-1/2" power bits, magnetic bit holder and case.

Stk.	Mfr.	Price
<b>577565</b>	48-32-4403	<b>WEB</b>

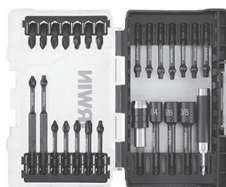


### 21-Piece Screwdriving Set

**DEWALT**

**Includes:** 1" Phillips bits, 1" slotted bits, 2" Phillips bit, nutdrivers, 2" magnetic bit tip holder, 1" square recess bits, 2" square recess power bit #2, molded case.

Stk.	Mfr.	Price
<b>243069</b>	DW2161	<b>WEB</b>



### 26-Piece Impact Screwdriver Bit Set

**Irwin**

**Includes** 2" Torx®, 1" Phillips bits #2, 2" Phillips power bit, 4" Phillips bit #2, 1" square recess bit #2, 2" square recess bits, 4" square recess bit #2, 3-1/16" compact magnetic screw guide bit, magnetic nut setters, 2-1/2" x 1/4"

quick-change extension bit.

Stk.	Mfr.	Price
<b>619308</b>	IWAF1326	<b>WEB</b>



### 32-Piece Shockwave Impact™ Driver Bit Set

**Milwaukee**

**Includes** 1" hex bits (3/16", 1/4"), 1" Phillips bits (one #1, four #2, one #3), 1" Phillips reduced bit #2, 2" Phillips bits two #2, 1" slotted bits (#8, #10), 2" slotted bit #10, 1" square bits (one #1, three #2, one #3), 2" square bit #2, 1" Torx® bits (one T15, two T20, two T25, one T30), 2" Torx® bits (T20, T25), magnetic nut drivers (1/4", 5/16"), Shockwave™ magnetic bit holder.

Stk.	Mfr.	Price
<b>577501</b>	48-32-4004	<b>WEB</b>



### 37-Piece Bit Set

**DEWALT**

**Includes** 1" Phillips bits (one #1, ten #2, one #3), 1" slotted bits (one #6, two #8, one #10), magnetic nutsetters (1/4" & 5/16"), compact magnetic drive guide, 3-1/2" #2 Phillips bit, 3-1/2" #2 square recess bit, 1" square recess bits (one #1, six #2, one #3), 2" double end bits (one P#1/S#6, three P#2/S#8, three P#2/S#2, one P#3/S#10), storage case.

Stk.	Mfr.	Price
<b>243079</b>	DW2163	<b>WEB</b>



### 40-Piece Screwdriving Set

**Irwin** **Includes** 1" Phillips bits (two #1, seven #2, two #3), 1" square recess bits (one #1, five #2, one #3), 1" slotted bits (one each 6-8, 8-10, 10-12), 1" Torx® bits (one each T#s 10, 15, 20, 25, 27, 30, 40), 1" hex bits (one each 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32"), 2" square recess bits (one each #2, #3), 2" Phillips bits (one each #2, #3), 2-1/4" magnetic bit holder and molded case.

Stk.	Mfr.	Price
<b>619621</b>	IWAF1240	<b>WEB</b>



### 55-Piece Vortex Screwdriver Bit Set

**Crescent**

**Includes** Phillips power bit (#1 x 1", #2 x 1", #3 x 1"), slotted power bit (4 ea. 5 x 1", 6 ea. 8 x 1", 8 ea. 10 x 1"), square power bit (#1 x 1", #2 x 1", #3 x 1"), Torx bit (T20 x 1", T25 x 1", T30 x 1", T40 x 1"), Phillips power bit (#2 x 2" 2-pack), square power bit #2 x 2" 2-pack), impact power bit (T25 x 2" Torx 2-pack), drive socket adapter (1/4", 3/8"), 2-1/2" nutsetter (1/4", 5/16", 3/8"), 1/2" drive socket adapter (25-pack), bit holder and molded case.

Stk.	Mfr.	Price
<b>310997</b>	CAVBHSET-55	<b>WEB</b>



### 95-Piece Drill and Drive Bit Set

**Milwaukee** Includes TORX® Bit 2" (1 ea. T25, T20), TORX® Bit 1" (2 ea. T3's 9, 40, 30, 27, 15, 10), (3 ea. T25, T20), square bit 2" SQ2, square bit 1" (3 ea. SQ3), (8 ea. SQ2), (3 ea. SQ1), slotted bit 2" SL 3/16, slotted bit 1" (1 ea. SL 9/32"), (2 ea. SL 7/64", SL 3/16", SL 1/8", SL 1/4") Pozidrive bit 1" (1 ea. PZ3, PZ2), Phillips bit 2" P2, Phillips bit 1" (3 ea. PR2, P1), (4 ea. P3), (10 ea. P2), hex bit 1" (1 ea. 9/64", 5/32"), (2 ea. 7/64", 5/64", 3/32", 3/16", 1/8", 1/4", 1/16"), thunderbolt black oxide drill bit (1 ea. 7/64", 5/64", 5/32", 3/32", 3/16", 1/8", 1/4", 1/16"), magnetic drive guide, magnetic nut driver (1 ea. 5/16", 1/4") and case.

Stk.	Mfr.	Price
<b>577573</b>	48-89-1561	<b>WEB</b>



### Insert Bits

1/4" hex body.

Stk.	Mfr.	Description	Point	Overall Length	Price
<b>410533</b>	IWAF2ISQ1B25	Sq. Recess	1	1"	<b>WEB</b>
<b>410534</b>	IWAF2ISQ2B25	Sq. Recess	2	1"	<b>WEB</b>
<b>410557</b>	IWAF2ISL810B25	Slotted	8-10	1"	<b>WEB</b>
<b>410558</b>	IWAF2ISL1012B25	Slotted	10-12	1"	<b>WEB</b>
<b>410500</b>	IWAF2IPH1B25	Phillips	1	1"	<b>WEB</b>
<b>410501</b>	IWAF2IPH2B25	Phillips	2	1"	<b>WEB</b>
<b>410502</b>	IWAF2IPH3B25	Phillips	3	1"	<b>WEB</b>
<b>410539</b>	IWAF2ITX10B10	Torx	T10	1"	<b>WEB</b>
<b>410540</b>	IWAF2ITX15B10	Torx	T15	1"	<b>WEB</b>
<b>410541</b>	IWAF2ITX20B10	Torx	T20	1"	<b>WEB</b>
<b>410542</b>	IWAF2ITX25B10	Torx	T25	1"	<b>WEB</b>
<b>410544</b>	IWAF2ITX30B10	Torx	T30	1"	<b>WEB</b>
<b>511759</b>	A-96659	Phillips	2	2"	<b>WEB</b>
<b>511760</b>	A-96687	Phillips	3	2"	<b>WEB</b>



### Power Bits

**Irwin** 1/4" full hex body.

Stk.	Mfr.	Description	Point	Overall Length	Price
<b>410536</b>	IWAF22SQ1B10	Sq. Recess	1	1-15/16"	<b>WEB</b>
<b>410537</b>	IWAF22SQ2B10	Sq. Recess	2	1-15/16"	<b>WEB</b>
<b>410548</b>	IWAF22PH1B10	Phillips	1	1-15/16"	<b>WEB</b>
<b>410549</b>	IWAF22PH210	Phillips	2	1-15/16"	<b>WEB</b>
<b>410550</b>	IWAF22PH3B10	Phillips	3	1-15/16"	<b>WEB</b>
<b>410574</b>	IWAF22TX15B5	Torx	T15	1-15/16"	<b>WEB</b>
<b>410575</b>	IWAF22TX20B5	Torx	T20	1-15/16"	<b>WEB</b>
<b>410576</b>	IWAF22TX25B5	Torx	T25	1-15/16"	<b>WEB</b>
<b>410577</b>	IWAF22TX30B5	Torx	T30	1-15/16"	<b>WEB</b>



### Phillips Impact Power Bits

**Irwin** Impact Performance Series™ fastener drive bits are engineered for maximum durability and long life with impact drivers.

Stk.	Mfr.	Point	Shank Dia.	Overall Length	Qty.	Price
<b>410561</b>	IWAF32PH22	#2	1/4" hex	2"	2	<b>WEB</b>
<b>410562</b>	IWAF32PH32	#3	1/4" hex	2"	2	<b>WEB</b>



### Double End Insert Bit Phillips/Slotted

**Master Mechanic** Double-ended bit has been made from hardened and tempered shock-resistant tool steel and designed with a snub nose for maximum durability and longer life through tough torque applications.

Stk.	Mfr.	Point	Shank Dia.	Overall Length	Qty.	Price
<b>943571</b>	504720	2/8-10	1/4" hex	2"	1	<b>WEB</b>



### Phillips Double End Bit

**Makita**

Stk.	Mfr.	Point	Shank Dia.	Overall Length	Price
<b>410567</b>	784202-3	2	1/4" hex	1-3/4"	<b>WEB</b>
<b>410566</b>	784203-1	2	1/4" hex	2-5/8"	<b>WEB</b>



### Phillips Insert Bit Set

**Irwin** Twenty #2 Phillips insert bits in a shatter-resistant Pro-Pak™ Bit Container w/wide-opening, 1-hand flip top lid.

Stk.	Mfr.	Price
<b>619220</b>	IWAF12IPH220D	<b>WEB</b>



### Magnetic Screwdriver Insert Bit Holder

**Irwin** 1/4" hex stainless steel body for socket wrench or adapter. 3"L.

Stk.	Mfr.	Item	Price
<b>410498</b>	IWAF253CB10	With C-Ring	<b>WEB</b>
<b>410499</b>	IWAF253CRB10	Knurled	<b>WEB</b>



### Magnetic Bit Holder

**Master Mechanic** 1/4" hex stainless steel

body for socket wrench or adapter. 3"L.

Stk.	Mfr.	Price
<b>943574</b>	442632	<b>WEB</b>

## COUNTERSINK & PLUG CUTTERS



### Drill & Drive System Set

**DEWALT** Quick and easy changes between drilling and driving allows users to finish jobs faster. Change mechanism is designed for easy 1-step loading. 5/16" shank for added durability. Contoured finger grip for easy ergonomic use. Easy push forward 1-handed release. Multi-cutter countersinks for superior finish. Interchangeable parts (drill bits, screwdriver bits, countersink inserts) make replacement easy for low-cost maintenance.

**8-Piece Includes** drill drive holder, drill drive connector, #'s 6 & 8 drill bits w/countersinks, 3 Phillips bits, #8 replacement drill bit & case.

Stk.	Mfr.	Price
<b>243260</b>	DW2730	<b>WEB</b>

**12-Piece Includes** drill drive holder, drill drive connector, #'s 6, 8, 10 drill bits w/countersinks, two #6, one #8 & one #10 replacement drill bits, 3 Phillips bits & molded case.

Stk.	Mfr.	Price
<b>243261</b>	DW2735P	<b>WEB</b>



### Drill and Drive System #8

**DEWALT** Quick and easy changes between drilling and driving allows users to finish jobs faster. Change mechanism is designed for easy 1-step loading.

Stk.	Mfr.	Screw Size	Qty.	Price
<b>243241</b>	DW2701	#8	1	<b>WEB</b>

### Drill and Drive System Drill Bit, #8



**DEWALT** Split point drill bit for DeWalt Drill and Drive System.

Stk.	Mfr.	Screw Size	Qty.	Price
<b>243247</b>	DW2721	#8	2	<b>WEB</b>

### Drill and Drive System Drill Bit/Countersink



**DEWALT** Multi-cutter countersink for DeWalt Drill and Drive System.

Stk.	Mfr.	Screw Size	Qty.	Price
<b>243244</b>	DW2711	#8	1	<b>WEB</b>

### Hex Shank Screw Pilot & Countersink Bit



**BOSCH** Drills precise, clean pilot holes in wood, plastic and composite materials. Used for fast countersinking and counter boring in one operation, it drills countersink holes for flush screws. The drill bit is replaceable. Ideal for drill press use.

Stk.	Mfr.	Screw Size	Qty.	Price
<b>260270</b>	SP506	#6	1	<b>WEB</b>
<b>260271</b>	SP508	#8	1	<b>WEB</b>
<b>260272</b>	SP510	#10	1	<b>WEB</b>
<b>260273</b>	SP512	#12	1	<b>WEB</b>
<b>260274</b>	SP515	4-Piece # 6, 8, 10, 12.	4	<b>WEB</b>

### Adjustable Countersink Drill Bits



**Irwin** Tapered drill with widened flutes for drilling fast, clean pilot holes. Adjustable for controlled pilot hole depth. 1/4" quick-change shank.

Stk.	Mfr.	Screw Size	Qty.	Price
<b>619280</b>	I882781	#6	1	<b>WEB</b>
<b>619281</b>	I882782	#8	1	<b>WEB</b>
<b>619282</b>	I882783	#10	1	<b>WEB</b>
<b>619283</b>	I882784	#12	1	<b>WEB</b>

### 4-Piece Countersink Drill Bits



**Master Mechanic** Drill, countersink or counter-bore in wood. Speed-shank eliminates tool from slipping in drill chuck. Shank 1/4".

**Includes** #6-3/32", #8-7/64", #10-1/8", #12-1/8" and hex wrench.

Stk.	Mfr.	Price
<b>943309</b>	I58860	<b>WEB</b>

### 4-Piece Adjustable Countersink Drill Bit Set



**General** Adjustable HSS pilot countersink/counter-bore bits w/black-oxide, rust-resistant finish (1/4" hex shank).

**Includes** 3/32", 7/64", 1/8" & 9/64".

Stk.	Mfr.	Price
<b>417420</b>	34ST	<b>WEB</b>

### Countersink/Counterbore Sets

W.L. Fuller



**10-Piece Set Includes** 5 adjustable countersink/counterbores: 2 with 3/8" cutting dia. and matching taper point drill sizes 9/64", 11/64" for #6 and #8 screws; 3 with 1/2" cutting dia. and taper point drill sizes 13/64", 7/32" and 1/4" for #10, #12 and #14 screws, plus 3/8" & 1/2" plug cutters with 1/4" shank, 3/8" & 1/2" stop collars, 2 hex keys & wooden case.

Stk.	Mfr.	Price
<b>416280</b>	I0393008	<b>WEB</b>

**8-Piece Set Includes** 5 adjustable countersink/counterbores with 3/8" cutting dia. & matching taper point drill sizes 9/64", 5/32", 11/64", 5/16" and 13/64" for #6 to #10 screws, plus 3/8" plug cutter with 1/4" shank, 3/8" stop collar to control depth, 3/32" hex key & cardboard case w/foam insert.

Stk.	Mfr.	Price
<b>416275</b>	I0390006	<b>WEB</b>

### 22-Piece Countersink/Counterbore Bit Set

Steelex

**Includes** screws #'s 5, 6, 7, 8, 9, 10 & 12, plus countersink/counterbore bits & stop collars for each screw size & hex wrench.

Stk.	Mfr.	Price
<b>785598</b>	D1041	<b>WEB</b>

### Rose Countersink Bit



**General** For steel, brass, aluminum, plastic, wood & other materials. High speed steel with 5 flutes. 1/4" round shank, 82°.

Stk.	Mfr.	Size	Price
<b>417960</b>	195	1/2"	<b>WEB</b>
<b>417962</b>	195	5/8"	<b>WEB</b>
<b>417964</b>	195	3/4"	<b>WEB</b>

### HSS Countersink Bit



**BOSCH** With high-speed steel and super hard titanium-coated bit, this countersink performs great in even the toughest materials. 1/4" shank.

Stk.	Mfr.	Size	Price
<b>258944</b>	CSH1C	1/2"	<b>WEB</b>
<b>258945</b>	CSH2C	5/8"	<b>WEB</b>
<b>258946</b>	CSH3C	3/4"	<b>WEB</b>

### Type 'C' Countersink/Counterbore Cutters



**W.L. Fuller** Cutter makes driving screws easier and assure the best possible holding power. Designed for clean cutting and hardened for long wear. Cutter is held in place with 2 hex-socket screws and is easily adjustable up and down the drill so only cutter and length of drill is required for any length of wood screw. 82° angle.

Stk.	Mfr.	Cutter Dia.	Hole Size	Overall Length	Price
<b>416220</b>	C-4	5/16"	7/64"	7/8"	<b>WEB</b>
<b>416221</b>	C-5	3/8"	1/8"	7/8"	<b>WEB</b>
<b>416222</b>	C-6	3/8"	9/64"	7/8"	<b>WEB</b>
<b>416223</b>	C-7	3/8"	5/32"	7/8"	<b>WEB</b>
<b>416224</b>	C-8	3/8"	11/64"	7/8"	<b>WEB</b>
<b>416226</b>	C-10	7/16"	13/64"	7/8"	<b>WEB</b>
<b>416228</b>	C-12	1/2"	7/32"	7/8"	<b>WEB</b>

**7-Piece Set Includes** 7/64", 1/8", 9/64", 5/32", 11/64", 13/64" & 7/32" for #'s 5 to 12 wood screws & wood holder.

Stk.	Mfr.	Cutter Dia.	Hole Size	Overall Length	Price
<b>416270</b>	I0390001				<b>WEB</b>





### Plug Cutter

**Irwin** Hardened, high-carbon steel for added strength and durability. Ideal for making dowels.

Stk.	Mfr.	Size	Price
<b>452740</b>	43906	3/8"	<b>WEB</b>
<b>452741</b>	43908	1/2"	<b>WEB</b>
<b>452742</b>	43910	5/8"	<b>WEB</b>



### 4-Piece Plug Cutter Set

**W.L. Fuller** Designed to cut fast and make smooth chamfered plugs for easy starting in counterbored holes. Suitable for soft and hard-woods. Plug diameter is slightly larger than counterbore for a tight fit every time. Plug cutters do not eject the plugs. 3/8" shank.

**Includes** 3/8", 7/16", 1/2", 5/8" & wooden holder.

Stk.	Mfr.	Price
<b>416290</b>	11696004	<b>WEB</b>



### 8-Piece Deluxe Plug Cutter Set

**Steelex** Straight & tapered plug cutters of high-quality, carbon steel. Cutters make a smooth-sided plug w/rounded shoulders for easy insertion into a bored hole. The plug remains snug in the wood until sawed or broken out.

**Includes** 1/4", 3/8", 1/2", 5/8" and wood case.

Stk.	Mfr.	Price
<b>785636</b>	D2022	<b>WEB</b>

## DRILL BITS



### Jet Point® HSS Twist Drill Bits

**Turbomax** Revolutionary Jet Point® tip design that stays sharp longer. Self-centered tip for clean, fast start. Unique flattened shank for better chuck grip. High speed steel with black body and gold flute.

Stk.	Mfr.	Size	Price
<b>457280</b>	73108	1/8"	<b>WEB</b>
<b>457281</b>	73109	9/64"	<b>WEB</b>
<b>457282</b>	73110	5/32"	<b>WEB</b>
<b>457283</b>	73111	11/64"	<b>WEB</b>
<b>457284</b>	73112	3/16"	<b>WEB</b>
<b>457285</b>	73113	13/64"	<b>WEB</b>
<b>457286</b>	73114	7/32"	<b>WEB</b>
<b>457287</b>	73115	15/64"	<b>WEB</b>
<b>457288</b>	73116	1/4"	<b>WEB</b>
<b>457293</b>	73118	9/32"	<b>WEB</b>
<b>457294</b>	73120	5/16"	<b>WEB</b>
<b>457289</b>	73124	3/8"	<b>WEB</b>
<b>457295</b>	73125	25/64"	<b>WEB</b>

**13-Piece Set Includes** sizes 1/16" to 1/4" by 64ths & metal index case.

Stk.	Mfr.	Size	Price
<b>457290</b>	73136		<b>WEB</b>

**21-Piece Set Includes** sizes 1/16" to 3/8" by 64ths & metal index case.

Stk.	Mfr.	Size	Price
<b>457292</b>	73149		<b>WEB</b>

**29-Piece Set Includes** 3/8" reduced shank sizes from 1/16" to 1/2" by 64ths & metal index case.

Stk.	Mfr.	Size	Price
<b>457279</b>	73138		<b>WEB</b>



### 5-Piece Pilot Point Drill Bit Set

**DEWALT** Designed for use with impact drills. High speed steel with titanium finish for longer life. For metal and wood drilling.

**Includes** two 1/8", 5/32", 3/16", 1/4".

Stk.	Mfr.	Price
<b>242923</b>	DD5155	<b>WEB</b>



### Brad Point Drill Bits & Sets

**Irwin** Precision-ground for furniture making, doweling, cabinetry & other woodworking applications. Spurred cutting head reduces splintering & ensures a smooth, clean hole. Wide flutes for fast, continuous chip flow.

**\* Bit with 3/8" reduced shank.**

Stk.	Mfr.	Size	Price
<b>452703</b>	49612	1/8"	<b>WEB</b>
<b>452704</b>	49613	3/16"	<b>WEB</b>
<b>452705</b>	49614	1/4"	<b>WEB</b>
<b>452706</b>	49615	5/16"	<b>WEB</b>
<b>452707</b>	49616	3/8"	<b>WEB</b>
<b>452708</b>	49617	7/16"	<b>WEB</b>
<b>452709</b>	49618	1/2"	<b>WEB</b>

**5-Piece Set Includes** 3/16", 1/4", 5/16", 3/8" & 1/2"\* bits.

Stk.	Mfr.	Size	Price
<b>452710</b>	49600		<b>WEB</b>



### 5-Piece Brad Point Drill Bit Set

**Festool** Made from high-alloy steel with center point, 2 cutters and 2 chamfers instead of pre-cutting blades for an extended service life. For drilling in all types of wood, glued solid wood, MDF and acrylic glass.

**Includes** 3, 4, 6, 7 and 8 mm bits and case.

Stk.	Mfr.	Price
<b>404490</b>	495130	<b>WEB</b>



### 7-Piece HSS Brad Point Drill Bit Set

**Woodstock** High quality HSS brad point set produces smooth, clean holes.

**Includes** 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" and 1/2".

Stk.	Mfr.	Price
<b>785780</b>	D4564	<b>WEB</b>



### 29-Piece Brad Point Drill Bit Set

**Fisch** Chrome Vanadium bits for normal drilling operations in soft and hardwood using cordless drills or drill press machines. Optimal drilling speeds from 2,000 to 3,000 RPM.

**Includes** imperial sizes (1/16" through 1/2" in 1/64" increments) and molded case.

Stk.	Mfr.	Price
<b>193622</b>	FSF-364757	<b>WEB</b>



### 29-Piece Pilot Point Drill Bit Set

**DEWALT** Pilot Point® gold ferrous oxide drill bits. Starts on contact for clean accurate holes and reduces lock-up on breakthrough. No-spin shank eliminates bit spinning in the chuck.

**Includes** sizes 1/16" to 1/2" by 64ths & metal index case.

Stk.	Mfr.	Price
<b>243107</b>	DW1969	<b>WEB</b>



### General Purpose HSS Fractional Bit

**Irwin** For general use in metal, wood & plastic. Bright finish. 118° standard point.

#### No. 601 Jobbers length straight shank.

Stk.	Mfr.	Size	Qty.	Price
<b>454854</b>	60102ZR	1/32"	1	<b>WEB</b>
<b>454988</b>	60104ZR	1/16"	1	<b>WEB</b>
<b>455055</b>	60105	5/64"	1	<b>WEB</b>
<b>455122</b>	60106ZR	3/32"	1	<b>WEB</b>
<b>455189</b>	60107	7/64"	1	<b>WEB</b>
<b>455256</b>	60108ZR	1/8"	1	<b>WEB</b>
<b>455323</b>	60109	9/64"	1	<b>WEB</b>
<b>455390</b>	60110	5/32"	1	<b>WEB</b>
<b>455457</b>	60111	11/64"	1	<b>WEB</b>
<b>455524</b>	60112	3/16"	1	<b>WEB</b>
<b>455591</b>	60113	13/64"	1	<b>WEB</b>
<b>455658</b>	60114	7/32"	1	<b>WEB</b>
<b>455725</b>	60115ZR	15/64"	1	<b>WEB</b>
<b>455792</b>	60116	1/4"	1	<b>WEB</b>
<b>455859</b>	60117ZR	17/64"	1	<b>WEB</b>
<b>455926</b>	60118	9/32"	1	<b>WEB</b>
<b>455993</b>	60119	19/64"	1	<b>WEB</b>
<b>456060</b>	60120	5/16"	1	<b>WEB</b>
<b>456127</b>	60121	21/64"	1	<b>WEB</b>
<b>456194</b>	60122	11/32"	1	<b>WEB</b>
<b>456261</b>	60123	23/64"	1	<b>WEB</b>
<b>456328</b>	60124	3/8"	1	<b>WEB</b>
<b>456395</b>	60125	25/64"	1	<b>WEB</b>
<b>456462</b>	60126ZR	13/32"	1	<b>WEB</b>
<b>456529</b>	60127	27/64"	1	<b>WEB</b>
<b>456596</b>	60128	7/16"	1	<b>WEB</b>
<b>456663</b>	60129	29/64"	1	<b>WEB</b>
<b>456730</b>	60130	15/32"	1	<b>WEB</b>
<b>456797</b>	60131	31/64"	1	<b>WEB</b>
<b>456864</b>	60132	1/2"	1	<b>WEB</b>

#### No. 718 Jobbers length 3/8" reduced shank.

Stk.	Mfr.	Size	Qty.	Price
<b>457268</b>	71825	25/64"	1	<b>WEB</b>
<b>457269</b>	71826	13/32"	1	<b>WEB</b>
<b>457270</b>	71827	27/64"	1	<b>WEB</b>
<b>457271</b>	71828	7/16"	1	<b>WEB</b>
<b>457272</b>	71829	29/64"	1	<b>WEB</b>
<b>457273</b>	71830	15/32"	1	<b>WEB</b>
<b>457274</b>	71831	31/64"	1	<b>WEB</b>
<b>457275</b>	71832	1/2"	1	<b>WEB</b>



### HSS Fractional Drill Bit Sets

**Irwin** High speed steel for the best combination of strength, heat resistance & wear resistance. 118° standard point.

#### 13-Piece Set 1/16" to 1/4" by 64ths.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
<b>456997</b>	60136	1/4"	Straight	Jobber	Metal	<b>WEB</b>

#### 15-Piece Set 1/16" to 1/2" by 32nds.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
<b>457140</b>	60147	3/8"	Reduced	Jobber	Metal	<b>WEB</b>

#### 15-Piece Sets 1/16" to 1/2" by 32nds.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
<b>456998</b>	60137	1/2"	Straight	Jobber	Metal	<b>WEB</b>

#### 21-Piece Set 1/16" to 3/8" by 64ths.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
<b>457210</b>	60221ZR	3/8"	Straight	Jobber	Metal	<b>WEB</b>

#### 29-Piece Sets 1/16" to 1/2" by 64ths.

Stk.	Mfr.	Chuck	Shank	Length	Case	Price
<b>457065</b>	60138	1/2"	Straight	Jobber	Metal	<b>WEB</b>
<b>457141</b>	60148	3/8"	Reduced	Jobber	Metal	<b>WEB</b>



### 14-Piece Hex Shank Titanium Drill Bit Set

**Makita** Impact GOLD® is the Gold Standard in impact driving, with high quality steel for extra strength and Xtreme Torsion Technology, which allows the torsion section of the bit to flex

under load and take pressure off of the tip for longer bit life. For drilling holes in ferrous metal, wood, plastic, non-ferrous metal, cast iron and stainless steel.

**Includes** 1/16", 5/64", 3/32", 7/64", 1/8" (x2), 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" and 1/2".

Stk.	Mfr.	Price
<b>511767</b>	B-65399	<b>WEB</b>



### 29-Piece Titanium Pilot-Point Drill Bit Set

**DEWALT** Titanium pilot point for longer bit life. Starts on contact for cleaner holes. No spin shanks. Tapered web provides greater durability to reduce breaking.

**Includes** split point bits from 1/16" to 1/8", pilot point bits from 9/64" to 1/2" in 64th inch increments and case.

Stk.	Mfr.	Price
<b>243151</b>	DW1369	<b>WEB</b>



### Thunderbolt® Titanium Drill Bit Set

**Milwaukee** Titanium coating reduces heat build-up and keeps the bit sharp to extend performance. The 135° split point tip delivers a precision start and prevents walking. Effective for drilling on curved surfaces, titanium coated bits require less effort to drill through wood,

metal and PVC, and are recommended for use with portable drills.

**20-Piece Includes** (2) 1/16", (2) 5/64", (2) 3/32", (2) 7/64", (2) 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 1/4", 5/16", 3/8", 1/2" and case.

Stk.	Mfr.	Price
<b>577577</b>	48-89-1105	<b>WEB</b>

**29-Piece Includes** (2) 1/16", (2) 5/64", (2) 3/32", (2) 7/64", (2) 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 1/4", 5/16", 3/8", 1/2" and case.

Stk.	Mfr.	Price
<b>577578</b>	48-89-0012	<b>WEB</b>



### 21-Piece Black Oxide Metal Drill Bit Set

**BOSCH** For general-application drilling in wood, plastic and light-gauge metal. The split-point tip provides no-skate starts and clean, accurate holes. The 3-flat shank design on bits 3/16" and larger promotes better gripping and guards against slipping.

**Includes** (2) 1/16", (2) 5/64", 3/32", 7/64", (2) 1/8", 9/64", 5/32", 11/64", (2) 3/16", 13/64", 7/32", 15/64", (2) 1/4", 5/16", 3/8" and 1/2".

Stk.	Mfr.	Price
<b>258922</b>	BL21A	<b>WEB</b>



### 29-Piece Black Oxide Fractional Drill Bit Set

**Milwaukee** Thunderbolt® black oxide bits w/parabolic flute to clear chips faster, 135° split point (precision start, no walking), 3-flat secure-grip shank. Reduced shank dia. for use in 3/8" chuck.

**Includes** 1/16" to 1/2" in 64ths and molded case.

Stk.	Mfr.	Price
<b>577576</b>	48-89-2802	<b>WEB</b>



### 29-Piece Gold Oxide Drill Bit Set

**BOSCH** Versatile drill bit set features gold oxide coating that resists heat buildup for longer bit life. Standard shank diameters fit corded and cordless three-jaw drills. Ideal for use in drilling wood, plastic, and light-gauge metal.

**Includes** 1/16" to 1/2" and case.

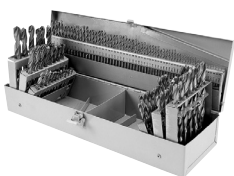
Stk.	Mfr.	Price
<b>258890</b>	GO29	<b>WEB</b>



### 60-Piece Numbered Drill Bit Set

**Production Tool Supply** #1 to #60 wire gauge drill bits. 118° bright finish bits ground from solid HSS. Metal case.

Stk.	Mfr.	Price
<b>682719</b>	AP50-E60	<b>WEB</b>



### 115-Piece Combination Drill Bit Set

**Steelex** Titanium-coated HSS bits.

**Includes** 29 fractional bits 1/16" to 1/2" by 64ths, 26 lettered bits A-Z, 60 numbered bits and indexed steel case.

Stk.	Mfr.	Price
<b>785615</b>	DI138	<b>WEB</b>



### Steel Taper Point Drill Bits

**W.L. Fuller** Cut wood and plastic in 1 operation for the thread and shank of wood screws with this general purpose taper point drill bit. Recommended for most jobs, whether in a drill press or in hand-held equipment. Bits cut well in both hard and softwoods.

Stk.	Mfr.	Drill Dia.	Screw Size	Flute Length	Overall Length	Price
<b>416400</b>	20100109	7/64"	#4	1-1/2"	2-5/8"	<b>WEB</b>
<b>416405</b>	20100125	1/8"	#5	1-5/8"	2-3/4"	<b>WEB</b>
<b>416410</b>	20100140	9/64"	#6	1-3/4"	2-7/8"	<b>WEB</b>
<b>416415</b>	20100156	5/32"	#7	2"	3-1/8"	<b>WEB</b>
<b>416420</b>	20100171	11/64"	#8	2-1/8"	3-1/4"	<b>WEB</b>
<b>416425</b>	20100187	3/16"	#9	2-5/16"	3-1/2"	<b>WEB</b>
<b>416430</b>	20100203	13/64"	#10	2-7/16"	3-5/8"	<b>WEB</b>
<b>416435</b>	20100218	7/32"	#12	2-1/2"	3-3/4"	<b>WEB</b>

**7-Piece Set Includes** 1/8", 9/64", 5/32", 11/64", 3/16", 13/64" and 7/32" bits.

Stk.	Mfr.	Drill Dia.	Screw Size	Flute Length	Overall Length	Price
<b>416450</b>	20190001					<b>WEB</b>

**14-Piece Set Includes** 1 each of 1/8", 9/64", 5/32", 11/64", 7/32", 9/32" and 5/16", 3 each of 3/16" & 2 each of 13/64" and 1/4".

Stk.	Mfr.	Drill Dia.	Screw Size	Flute Length	Overall Length	Price
<b>416455</b>	20190014					<b>WEB</b>



### 253-Piece Drill Bit Set

**Performance Tool** This driver and drill bit set includes the most popular screwdriver bit styles and drill bit styles to handle most any job. 203 assorted driver bits have 1/4" hex shafts and are made of impact grade chrome vanadium steel for strength and durability.

**Includes** 14 titanium-nitride coated drill bits, 15 brad point drill bits, 13 masonry drill bits, 202 screwdriver bits, 3 wood spade bits, 6 accessories and molded case.

Stk.	Mfr.	Price
<b>976575</b>	VV9080	<b>WEB</b>



### Blacksmith Drill Bits

**Irwin** Silver & Deming HSS bits with 1/2" reduced shanks. 3-flatted shank for secure grip. 118° split point.

Stk.	Mfr.	Size	Overall Length	Price
<b>461353</b>	91136	9/16"	6"	<b>WEB</b>
<b>461420</b>	91140	5/8"	6"	<b>WEB</b>
<b>461426</b>	91144	11/16"	6"	<b>WEB</b>
<b>461487</b>	91148	3/4"	6"	<b>WEB</b>
<b>461493</b>	91152	13/16"	6"	<b>WEB</b>
<b>461554</b>	91156	7/8"	6"	<b>WEB</b>
<b>461558</b>	91160	15/16"	6"	<b>WEB</b>
<b>461621</b>	91164	1"	6"	<b>WEB</b>

**8-Piece Set Includes** 9/16" to 1" by 1/16ths, plus molded case.

Stk.	Mfr.	Size	Overall Length	Price
<b>461320</b>	90108		6"	<b>WEB</b>

### Cobalt Drill Bits



**Irwin** 8% cobalt for super abrasive resistance drilling in hardened steel, super alloys, titanium & stainless steel. 135° split point reduces feed pressure minimizing bit "walk." Heavy-duty web construction for strength & durability.

Stk.	Mfr.	Size	Price
<b>457213</b>	63104	1/16"	<b>WEB</b>
<b>457214</b>	63105ZR	5/64"	<b>WEB</b>
<b>457215</b>	63106	3/32"	<b>WEB</b>
<b>457216</b>	63107	7/64"	<b>WEB</b>
<b>457217</b>	63108	1/8"	<b>WEB</b>
<b>457218</b>	63109	9/64"	<b>WEB</b>
<b>457219</b>	63110	5/32"	<b>WEB</b>
<b>457220</b>	63112ZR	3/16"	<b>WEB</b>
<b>457221</b>	63114	7/32"	<b>WEB</b>
<b>457222</b>	63116	1/4"	<b>WEB</b>
<b>457223</b>	63120	5/16"	<b>WEB</b>
<b>457224</b>	63124	3/8"	<b>WEB</b>
<b>457225</b>	63128	7/16"	<b>WEB</b>
<b>457226</b>	63132	1/2"	<b>WEB</b>

**15-Piece Set Includes** 1 ea. of 5/64", 7/64", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8"; 2 ea. of 1/16", 3/32", 1/8" & molded case.

Stk.	Mfr.	Size	Price
<b>452752</b>	316015		<b>WEB</b>



### 14-Piece Industrial Cobalt Drill Bit Set

**DEWALT** For drilling stainless steel, angle iron, I-Beams and other similar metals. Pilot point and split tip design starts on contact and eliminates bit walking. Gold ferrous oxide finish.

**Includes** (2) 1/16", 5/64", 3/32", 7/64", (2) 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" and 3/8".

Stk.	Mfr.	Price
<b>242833</b>	DWA1240	<b>WEB</b>



### 15-Piece Cobalt Red Helix™ Drill Bit Set

**Milwaukee** Bits are engineered for extreme durability and long life in hard metal applications. 135° split point tip delivers a precision start and prevents walking for fast accurate holes.

**Includes** 1/16", 5/64", 3/32", 7/64", (2) 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 1/2" and case.

Stk.	Mfr.	Price
<b>577574</b>	48-89-2331	<b>WEB</b>



### 29-Piece Industrial Cobalt Drill Bit Set

**DEWALT** For drilling stainless steel, angle iron, I-Beams and other similar metals. Pilot point and split tip design starts on contact and eliminates bit walking. Gold ferrous oxide finish.

**Includes** 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4", 5/16", 3/8", 7/16", 1/2", 17/64", 9/32", 19/64", 21/64", 11/32", 23/64", 25/64", 13/64", 27/64", 29/64", 15/32" and 31/64".

Stk.	Mfr.	Price
<b>242834</b>	DWA1269	<b>WEB</b>

### HSS Forstner Bits & Set



**Freud** Unique design has multiple cutting surfaces that produces a greater shearing action resulting in less heat and a faster, cleaner cut. Drills clean, smooth holes in veneers or thick, heavy stock. Small center spur for accurate starts. Bore any circle arc at any angle.

Stk.	Mfr.	Size	Shank	Price
<b>412100</b>	FB-001	1/4"	1/4"	<b>WEB</b>
<b>412101</b>	FB-002	3/8"	1/4"	<b>WEB</b>
<b>412102</b>	FB-003	1/2"	5/16"	<b>WEB</b>
<b>412103</b>	FB-004	5/8"	5/16"	<b>WEB</b>
<b>412104</b>	FB-005	3/4"	3/8"	<b>WEB</b>
<b>412105</b>	FB-006	7/8"	3/8"	<b>WEB</b>
<b>412106</b>	FB-007	1"	3/8"	<b>WEB</b>
<b>412107</b>	FB-008	1-1/8"	3/8"	<b>WEB</b>
<b>412108</b>	FB-009	1-1/4"	3/8"	<b>WEB</b>
<b>412109</b>	FB-010	1-3/8"	3/8"	<b>WEB</b>
<b>412110</b>	FB-011	1-1/2"	3/8"	<b>WEB</b>
<b>412111</b>	FB-012	1-5/8"	3/8"	<b>WEB</b>
<b>412112</b>	FB-013	1-3/4"	3/8"	<b>WEB</b>
<b>412113</b>	FB-014	1-7/8"	3/8"	<b>WEB</b>
<b>412114</b>	FB-015	2"	3/8"	<b>WEB</b>
<b>412115</b>	FB-016	2-1/8"	3/8"	<b>WEB</b>

**4-Piece Set Includes** 1/4", 1/2", 3/4", 1" bits, plus wood case.

Stk.	Mfr.	Size	Shank	Price
<b>412118</b>	FB-104			<b>WEB</b>

**7-Piece Set Includes** bits from 1/4" to 1" in 1/8" increments, plus wood case.

Stk.	Mfr.	Size	Shank	Price
<b>412117</b>	FB-107			<b>WEB</b>

**16-Piece Set Includes** bits from 1/4" to 2-1/8" in 1/8" increments, plus wood case.

Stk.	Mfr.	Size	Shank	Price
<b>412116</b>	FB-100			<b>WEB</b>

### Carbide Forstner Bits



**Freud** Carbide bits bring a technical level of excellence not found in a standard high speed steel forstner bit. Drill through a multitude of materials and use bits to drill pocket, angled, overlapping and flat bottom holes. Will not burn and will stay sharper longer.

Stk.	Mfr.	Size	Shank	Price
<b>412400</b>	FC-001	1/4"	5/32"	<b>WEB</b>
<b>412401</b>	FC-002	3/8"	1/4"	<b>WEB</b>
<b>412402</b>	FC-003	1/2"	5/16"	<b>WEB</b>
<b>412403</b>	FC-004	5/8"	5/16"	<b>WEB</b>
<b>412404</b>	FC-005	3/4"	3/8"	<b>WEB</b>
<b>412405</b>	FC-006	7/8"	3/8"	<b>WEB</b>
<b>412406</b>	FC-007	1"	3/8"	<b>WEB</b>
<b>412407</b>	FC-008	1-1/8"	3/8"	<b>WEB</b>
<b>412408</b>	FC-009	1-1/4"	3/8"	<b>WEB</b>
<b>412409</b>	FC-010	1-3/8"	3/8"	<b>WEB</b>
<b>412410</b>	FC-011	1-1/2"	3/8"	<b>WEB</b>
<b>412411</b>	FC-012	1-5/8"	3/8"	<b>WEB</b>
<b>412412</b>	FC-013	1-3/4"	3/8"	<b>WEB</b>
<b>412413</b>	FC-014	1-7/8"	3/8"	<b>WEB</b>
<b>412414</b>	FC-015	2"	3/8"	<b>WEB</b>
<b>412415</b>	FC-016	2-1/8"	3/8"	<b>WEB</b>

**7-Piece Set Includes** 1/4", 3/8", 1/2", 5/8", 3/4", 1" & 1-3/8" bits, plus wood case.

Stk.	Mfr.	Size	Shank	Price
<b>412416</b>	FC-107			<b>WEB</b>





### 14-Piece Forstner Bit Set

**PORTER-CABLE** Optimized cutting angles for flat bottom holes. Open tooth design for clean fast holes.

**Includes** two 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8", 2" and case.

Stk.	Mfr.	Price
<b>626632</b>	PC1014	<b>WEB</b>



### Solid Center Auger Bit

**Irwin** For use in electric drills and hand braces. Heat-treated full length for added strength. Coarse screw point for fast boring in all types of wood.

Stk.	Mfr.	Size	Shank	Length	Price
<b>484010</b>	49904	1/4"	3/8"	7-1/2"	<b>WEB</b>
<b>484012</b>	49906	3/8"	3/8"	7-1/2"	<b>WEB</b>
<b>484014</b>	49908	1/2"	3/8"	7-1/2"	<b>WEB</b>
<b>484016</b>	49910	5/8"	3/8"	7-1/2"	<b>WEB</b>
<b>484018</b>	49912	3/4"	3/8"	7-1/2"	<b>WEB</b>
<b>484020</b>	49914	7/8"	3/8"	7-1/2"	<b>WEB</b>
<b>484022</b>	49916	1"	3/8"	7-1/2"	<b>WEB</b>



### MAX Self-feed Wood Bit

**Speedbor** 3x cutting edges extends bit life. Use for drilling large dia. holes in wood for pipe, conduit & more. Replaceable coarse screw point drills

quickly in dry, wet & gummy wood. Precision-milled shank eliminates runout & wobble. 7/16" quick-change hex impact shank (fits 1/2" or larger electric drills or hex impact wrench drills, 7/16"). Resharpenable edges.

Stk.	Mfr.	Size	Shank	Length	Price
<b>452779</b>	3046004	1"	7/16"	5"	<b>WEB</b>
<b>452781</b>	3046006	1-1/4"	7/16"	5"	<b>WEB</b>
<b>452782</b>	3046008	1-1/2"	7/16"	5"	<b>WEB</b>
<b>452783</b>	3046009	1-3/4"	7/16"	5"	<b>WEB</b>
<b>452784</b>	3046010	2"	7/16"	5"	<b>WEB</b>
<b>452785</b>	3046012	2-1/4"	7/16"	5"	<b>WEB</b>
<b>452786</b>	3046014	3"	7/16"	5"	<b>WEB</b>



### MAX Speed Bit

**Speedbor** Tri-Flute design for faster chip ejection. Cutting spurs have 3 cutting edges for added durability. Full screw tip allows bit to self feed. Grooved hex shank prevents slipping in drill chuck or bit extension. Fits all standard 1/4" quick change chucks.

**3-Piece Set Includes** 5/8", 3/4", 1".

Stk.	Mfr.	Shank	Length	Price
<b>619514</b>	3041003	1/4"	6"	<b>WEB</b>

**6-Piece Set Includes** 1/2", 5/8", 3/4", 7/8", 1", 1-1/4".

Stk.	Mfr.	Shank	Length	Price
<b>619620</b>	IWAX236PC	1/4"	6"	<b>WEB</b>



### 5-Piece Carbide-Tipped Masonry Drill Bit Set

**DeWALT** Rock Carbide® tip maximizes carbide surface contact for longer bit life. Enlarged 4-flute design cleans debris out for fast, efficient drilling. 3 flats on shank eliminate bit slipping in chuck. For use with electric or cordless hammer drills.

**Includes** 3/8", 5/16", 1/4", 3/16 and 5/32".

Stk.	Mfr.	Price
<b>243133</b>	DW5205	<b>WEB</b>



### Masonry Drill Bit 5-Piece Set

**Irwin** Fast spiral rotary masonry drill for brick, concrete, stone, plaster and other masonry. Rust-resistant and zinc-plated for easy cutting. Carbide-tipped for wear.

**Includes** 3/16", 1/4", 5/16", 3/8", 1/2" bits and plastic box.

Stk.	Mfr.	Price
<b>457258</b>	61170	<b>WEB</b>



### 13-Piece Spade Bit Set

**Steelex** For general wood boring applications, these quality spade bits feature extended cutting spurs for crisp edges and titanium nitride coating for long, dependable life.

**Includes** 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" bits and wall rack.

Stk.	Mfr.	Price
<b>785614</b>	D2053	<b>WEB</b>



### Spade Bits & Sets

**Irwin** Spade bits w/Blue-Groove™ point flanked by extended spurs and angled cutting edges to cut rather than scrape away wood. Shank fits all drills and 1/4" quick change holders. Please include size when ordering.

### 4-3/4" Spade Bits

Stk.	Mfr.	Size	Shank	Length	Price
<b>461300</b>	87908	1/2"	1/4"	4-3/4"	<b>WEB</b>
<b>461301</b>	87910	5/8"	1/4"	4-3/4"	<b>WEB</b>
<b>461302</b>	87912	3/4"	1/4"	4-3/4"	<b>WEB</b>
<b>461303</b>	87914	7/8"	1/4"	4-3/4"	<b>WEB</b>
<b>461304</b>	87916	1"	1/4"	4-3/4"	<b>WEB</b>
<b>461305</b>	87920	1-1/4"	1/4"	4-3/4"	<b>WEB</b>
<b>461306</b>	87924	1-1/2"	1/4"	4-3/4"	<b>WEB</b>

**4-3/4" Spade Bits, 3-Piece Set Includes** 1/2", 3/4" & 1".

Stk.	Mfr.	Size	Shank	Length	Price
<b>461307</b>	87950		1/4"	4-3/4"	<b>WEB</b>

### 6" Spade Bits

Stk.	Mfr.	Size	Shank	Length	Price
<b>485180</b>	88804	1/4"	1/4"	6"	<b>WEB</b>
<b>485181</b>	88805	5/16"	1/4"	6"	<b>WEB</b>
<b>485182</b>	88806	3/8"	1/4"	6"	<b>WEB</b>
<b>485183</b>	88807	7/16"	1/4"	6"	<b>WEB</b>
<b>485184</b>	88808	1/2"	1/4"	6"	<b>WEB</b>
<b>485185</b>	88809	9/16"	1/4"	6"	<b>WEB</b>
<b>485186</b>	88810	5/8"	1/4"	6"	<b>WEB</b>
<b>485187</b>	88811	11/16"	1/4"	6"	<b>WEB</b>
<b>485188</b>	88812	3/4"	1/4"	6"	<b>WEB</b>
<b>485189</b>	88813	13/16"	1/4"	6"	<b>WEB</b>
<b>485190</b>	88814	7/8"	1/4"	6"	<b>WEB</b>
<b>485191</b>	88815	15/16"	1/4"	6"	<b>WEB</b>
<b>485192</b>	88816	1"	1/4"	6"	<b>WEB</b>
<b>485194</b>	88818	1-1/8"	1/4"	6"	<b>WEB</b>
<b>485196</b>	88820	1-1/4"	1/4"	6"	<b>WEB</b>
<b>485198</b>	88822	1-3/8"	1/4"	6"	<b>WEB</b>
<b>485200</b>	88824	1-1/2"	1/4"	6"	<b>WEB</b>

**6" Spade Bits, 6-Piece Set Includes** 3/8", 1/2", 5/8", 3/4", 7/8" & 1".

Stk.	Mfr.	Size	Shank	Length	Price
<b>485201</b>	88886		1/4"	6"	<b>WEB</b>



### 13-Piece Spade Bit Set in Pouch

**BOSCH** The Daredevil™ full-cone threaded tip pulls the bit through the material with less effort and vibration than other spade bits. The contoured paddle delivers faster chip removal; hex shank with power groove reduces slippage.

**Includes** 1/4", 3/8", 1/2", 9/16", 5/8", 1 1/16", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2" and pouch.

Stk.	Mfr.	Price
<b>258090</b>	DSB501 3P	<b>WEB</b>



### Spade Bit Set with Extension 6-Piece

**BOSCH** Full-cone threaded tip easily pulls bit through material with less vibration, while contoured paddles remove chips faster. Hex shank has power groove to reduce slipping and works up to 10 times faster than conventional spade bits.

**Includes** 3/8", 1/2", 5/8", 3/4", 7/8", 1" and 6" extension.

Stk.	Mfr.	Price
<b>258983</b>	DSB5005	<b>WEB</b>



### Circle Cutters

**General** Replaceable high speed steel blades. Maximum safe speed 500 rpm.

Stk.	Mfr.	Shank	Circles	Price
<b>417000</b>	4	3/8" Rd. & 5/8" Sq.	7/8" to 4"	<b>WEB</b>
<b>417067</b>	5B	3/8" Rd.	1" to 6"	<b>WEB</b>
<b>417469</b>	55	1/2" Rd.	1-3/4" to 8"	<b>WEB</b>



### Straight Shank Installer Bit

**Irwin** 3-flatted shank prevents slipping in drill chuck and includes hole for easy wire pulling through walls, ceilings and floors.

Stk.	Mfr.	Dia.	Length	Price
<b>619005</b>	1890709	3/8"	18"	<b>WEB</b>



### Drill Stop Set

**General** For use on twist or brad point drills to prevent excessive drill penetration. Positive depth control assures exact hole depths for multiple drilling jobs. Black oxide finish on cold rolled steel.

**Includes** hex wrench & 6 stops: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".

Stk.	Mfr.	Price
<b>419618</b>	S838	<b>WEB</b>



### Step Drill Bits

**Unibit** Bits are constructed of industrial-grade high speed molybdenum steel. For use with steel, copper, brass, aluminum and other thin materials. Exclusive design allows the drilling of perfectly round holes in these materials.

Stk.	Mfr.	Holes	Hole Sizes	Price
<b>619700</b>	10231	13	1/8"-1/2"	<b>WEB</b>
<b>619701</b>	10232	6	3/16"-1/2"	<b>WEB</b>
<b>619702</b>	10233	9	1/4"-3/4"	<b>WEB</b>
<b>619703</b>	10234	12	3/16"-7/8"	<b>WEB</b>

**3-Piece Set Includes** 10231, 10232 & 10233.

Stk.	Mfr.	Holes	Hole Sizes	Price
<b>619710</b>	10502ZR			<b>WEB</b>

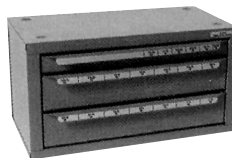


### Self-Centering Drill Bits, 3-Piece

**BOSCH** Clic-Change 1/4" hex bit system features true one-handed load and release. Self-centering function for perfect hole drilling.

**Includes** one each #6, #8, and #10.

Stk.	Mfr.	Price
<b>260369</b>	CC2430	<b>WEB</b>



### Drill Bit Dispenser Cabinets

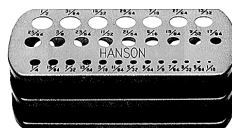
**Huot** Cost effective bit management & storage. The safest way to store sharp tools. Easy-read permanent ID strips show tool size & decimal equivalents. Heavy-gauge steel cabinet & drawers w/baked epoxy finish. Stackable cabinet w/full drawer extensions & 1-piece slides. Multi-compartment drawers hold full packages of each bit size (12-piece min., sizes 1/16 - 1/2 x 64ths). 14-5/8"L x 7-3/8"W x 7-3/4"H. 10-1/2 lbs.

### Cabinet Only

Stk.	Mfr.	Price
<b>682718</b>	AP53-1	<b>WEB</b>

**Cabinet w/217 Bits** Cabinet filled w/Irwin No. 601- Fraction HSS Bits. For general use in metal, wood & plastic. Jobbers length straight shank. 118° standard point. **Includes** 24 ea. of 1/8", 3/16", 1/4", 12 ea. of 1/16", 5/64", 3/32", 7/64", 9/64", 5/32", 11/64", 13/64", 7/32", 15/64", 3 ea. of 3/8", 2 ea. of 17/64", 9/32", 5/16", 11/32", 13/32", 7/16", 1/2", 1 ea. of 19/64", 21/64", 23/64", 25/64", 27/64", 29/64", 15/32", 31/64".

Stk.	Mfr.	Price
<b>544849</b>	DBA	<b>WEB</b>



### Drill Bit Stand

**Irwin** Industrial-quality drill stand holds 29 drill sizes. 5-3/4"L x 2-5/8"W x 1-3/4"H.

Stk.	Mfr.	Bit Size	Price
<b>463050</b>	60172	1/16"-1/2" by 64ths	<b>WEB</b>



### Drill Gauges

**General** Made of tempered steel. Used to quickly and conveniently identify drill bit sizes. Hole sizes and decimal equivalents are permanently etched on the face.

Stk.	Mfr.	Bit Size	Price
<b>417134</b>	14	1/16" - 1/2"	<b>WEB</b>
<b>417201</b>	15	#1 - #60	<b>WEB</b>



### Tap & Drill Gauge

**Starrett** See at a glance the correct size tap drill for any common size machine screw tap in "NF" or "NC" thread series and will leave the right amount of stock for approximately 65% full thread. Also shows the correct body size drill to use and provides 60 holes marked with the number size and decimal equivalent of the drill that fits each hole. Thoroughly tested for accuracy after hardening. Satin finish.

Tap size: 2 - 56 to 1/4 - 28. Drill gauge numbers 1 to 60.

Range: tap drill 50 to 3, body drill 44 to 1/4.

Tool size 5/64"T x 2-5/16"W x 6-1/4"L.

Stk.	Mfr.	Price
<b>874265</b>	185	<b>WEB</b>



### 3-Piece Drill Gauge Set

**Steelex** Steel plates have clear markings, precision stamped gauge holes and lists numbered (1-60), lettered (A-Z) and fractional (1/16"-1/2" by 1/64") sized drill bits.

**Includes** a tap drill/clearance drill reference chart.

Stk.	Mfr.	Price
<b>785750</b>	D4141	<b>WEB</b>



### Drill Bit Guide

**Kreg** Create straight, accurate holes without a drill press. Easily fitting into any pocket, the 6 hardened-steel guides range from 1/8" to

1/2" and hold the drill bit perpendicular while you use just a hand drill.

Alignment marks help you line up perfectly every time and the GripMaxx™ surface keeps everything in place.

**Includes** drilling guide.

Stk.	Mfr.	Price
<b>793969</b>	KDG-6000	<b>WEB</b>



### Wire Cup Brushes

**Weiler** Constructed for perfect balance. Heat-treated high-carbon steel crimped wire.

Stk.	Mfr.	Dia.	Wire Size	Trim Length	Max. Speed (rpm)	Price
<b>969229</b>	13245	3"	.014-Med.	7/8"	14,000	<b>WEB</b>
<b>969230</b>	14016	4"	.0118-Med.	1-3/8"	9,000	<b>WEB</b>



### Wire End Brushes

**Weiler** Brush is permanently mounted on 1/4" steel stem. Balanced for vibration-free running. Heat treated high-carbon steel wire. Banding produces a controlled brush face by reducing brush flare.

Stk.	Mfr.	Dia.	Wire Size	Shank	Trim Length	Max. Speed (rpm)	Price
<b>969227</b>	10011	1"	.014-Med.	1/4"	7/8"	22,000	<b>WEB</b>
<b>969228</b>	10012	1"	.020-Coarse	1/4"	7/8"	22,000	<b>WEB</b>



### Wire Wheel Brushes

**Weiler** Narrow-face crimped wire wheel permanently mounted on 1/4" steel stem. Balanced for vibration-free running. Heat-treated high-carbon steel wire.

Stk.	Mfr.	Dia.	Wire Size	Shank	Trim Length	Max. Speed (rpm)	Price
<b>969231</b>	17617	3"	.008-Fine	1/4"	1"	20,000	<b>WEB</b>
<b>969232</b>	17615	3"	.014-Med.	1/4"	1"	20,000	<b>WEB</b>



### Drill Bit Grinding Attachment

**General** For all bit sharpening. Used against side of grinding wheel, not on the face edge. Adjustable for 5 standard bit angles. Will sharpen all bits from 1/8" to 3/4".

Stk.	Mfr.	Price
<b>419546</b>	825	<b>WEB</b>



### 5-Piece 1/4" Shank Rotary File Set

**Steelex** 1/4" shank wood rasps feature 5 different shaping profiles to remove wood quickly with aggressive cutting teeth.

**Includes** 5/8" ball, 5/8" cylindrical, 5/8" oval, 5/8" taper & 5/8" cone.

Stk.	Mfr.	Price
<b>785630</b>	D2257	<b>WEB</b>



### Spiral Screw Extractors & Sets

**Irwin** Easily extract broken studs, bolts, socket screws and fittings. Made of rugged, high-carbon steel. Aggressive left-hand spiral design for extra gripping power.

Stk.	Mfr.	Removes Screw Sizes	Price
<b>454518</b>	52401	3/32" - 5/32"	<b>WEB</b>
<b>454519</b>	52402	5/32" - 7/32"	<b>WEB</b>
<b>454586</b>	52403	7/32" - 9/32"	<b>WEB</b>
<b>454653</b>	52404	9/32" - 3/8"	<b>WEB</b>
<b>454720</b>	52405	3/8" - 5/8"	<b>WEB</b>
<b>454721</b>	52406	5/8" - 7/8"	<b>WEB</b>

**5-Piece Set** 5 screw extractors (#'s 52401 to 52405).

Stk.	Mfr.	Removes Screw Sizes	Price
<b>462961</b>	53535		<b>WEB</b>

**6-Piece Set** 6 screw extractors (#'s 52401 to 52406).

Stk.	Mfr.	Removes Screw Sizes	Price
<b>463028</b>	53545		<b>WEB</b>

**10-Piece Set** 5 cobalt drills (5/64", 7/64", 5/32", 1/4", 19/64") w/matching screw extractors (#'s 52401 to 52405) & vinyl pouch.

Stk.	Mfr.	Removes Screw Sizes	Price
<b>452673</b>	11117		<b>WEB</b>



### 5-Piece Super Out Screw Extractor Set

**Lisle** Extremely strong set made of special hardened, shock-resistant tool steel. Works on left- and right-hand threads. Extractors cut their way straight into bolts, eliminating wedging or further tightening of frozen bolts and screws. Extracts 1/4" to 1/2" bolts and screws.

**Includes** 5 extractors (removes bolt sizes 1/4", 5/16", 3/8", 7/16", 1/2").

Stk.	Mfr.	Price
<b>503898</b>	62900	<b>WEB</b>

## HOLE SAWS



### Bi-Metal Hole Saw

**MORSE** For cutting in wood, plastic, machinable metals, stainless steel alloys and nail-embedded wood. Tooth set design is optimized to remove material faster. Heavy-duty .050 side wall for greater stability.

Stk.	Mfr.	Dia.	Thread Size	Price
<b>878000</b>	MHS10	5/8"	1/2-20	<b>WEB</b>
<b>878002</b>	MHS12	3/4"	1/2-20	<b>WEB</b>
<b>878004</b>	MHS14	7/8"	1/2-20	<b>WEB</b>
<b>878006</b>	MHS16	1"	1/2-20	<b>WEB</b>
<b>878008</b>	MHS18	1-1/8"	1/2-20	<b>WEB</b>
<b>878010</b>	MHS20	1-1/4"	5/8-18	<b>WEB</b>
<b>878012</b>	MHS22	1-3/8"	5/8-18	<b>WEB</b>
<b>878014</b>	MHS24	1-1/2"	5/8-18	<b>WEB</b>
<b>878016</b>	MHS26	1-5/8"	5/8-18	<b>WEB</b>
<b>878018</b>	MHS28	1-3/4"	5/8-18	<b>WEB</b>
<b>878020</b>	MHS32	2"	5/8-18	<b>WEB</b>
<b>878022</b>	MHS34	2-1/8"	5/8-18	<b>WEB</b>
<b>878024</b>	MHS36	2-1/4"	5/8-18	<b>WEB</b>
<b>878026</b>	MHS38	2-3/8"	5/8-18	<b>WEB</b>
<b>878028</b>	MHS40	2-1/2"	5/8-18	<b>WEB</b>
<b>878030</b>	MHS44	2-3/4"	5/8-18	<b>WEB</b>
<b>878032</b>	MHS48	3"	5/8-18	<b>WEB</b>
<b>878034</b>	MHS52	3-1/4"	5/8-18	<b>WEB</b>
<b>878036</b>	MHS56	3-1/2"	5/8-18	<b>WEB</b>
<b>878038</b>	MHS60	3-3/4"	5/8-18	<b>WEB</b>
<b>878040</b>	MHS64	4"	5/8-18	<b>WEB</b>
<b>878042</b>	MHS68	4-1/4"	5/8-18	<b>WEB</b>
<b>878044</b>	MHS72	4-1/2"	5/8-18	<b>WEB</b>



### Hole Saw Arbor

**MORSE** Arbor comes complete with 3-3/32" pilot drill.

Stk.	Mfr.	Thread Size	Shank	Fits	Price
<b>877995</b>	MA24	1/2-20	1/4" Hex	9/16"-1-3/16"	<b>WEB</b>
<b>877996</b>	MA45PS	5/8-18	7/16" Hex	1-1/4"-6"	<b>WEB</b>



### 5-Piece Hole Saw Set

**Project Pro** Designed to give you professional, accurate cuts every time. Interchangeable arbor makes it easy to go between sizes. Do not use for metal drilling.

**Includes** 1-1/4", 1-1/2", 1-3/4", 2-1/8" and arbor.

Stk.	Mfr.	Price
<b>976453</b>	1460	<b>WEB</b>



### 8-Piece Electrician's Hole Saw Kit

**MORSE** For cutting in wood, nail embedded wood, ferrous and non-ferrous metals and plastics. M42 high speed steel cutting edge, and heavy-duty .050 side wall for greater stability. Side slot increases leverage for faster, easier slug removal. Red coating reduces side wall friction for efficient cutting. Entrance sizes to 2", cutting depth 1-15/16".

**Includes** 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 2 arbors and molded case.

Stk.	Mfr.	Price
<b>878050</b>	MHS02E	<b>WEB</b>



### 8-Piece Plumber's Hole Saw Kit

**MORSE** For cutting in wood, nail embedded wood, ferrous and non-ferrous metals and plastics. M42 high speed steel cutting edge, and heavy-duty .050 side wall for greater stability. Side slot increases leverage for faster, easier slug removal. Red coating reduces side wall friction for efficient cutting. Entrance sizes to 2", cutting depth 1-15/16".

**Includes** 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4", 2 arbors and molded case.

Stk.	Mfr.	Price
<b>878051</b>	MHS04P	<b>WEB</b>



### 11-Piece Maintenance Hole Saw Kit

**MORSE** General purpose kit for plumbing and electrical jobs on pipe and conduit through 2". For cutting in wood, nail embedded wood, ferrous and non-ferrous metals and plastics. M42 high speed steel cutting edge, and heavy-duty .050 side wall for greater stability. Side slot increases leverage for faster, easier slug removal. Red coating reduces side wall friction for efficient cutting. Cutting depth 1-15/16".

**Includes** 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 2 arbors and molded case.

Stk.	Mfr.	Price
<b>878060</b>	MHS100	<b>WEB</b>



### 13-Piece Master Electrician's Hole Saw Kit

**MORSE** For cutting in wood, nail embedded wood, ferrous and non-ferrous metals and plastics. M42 high speed steel cutting edge, and heavy-duty .050 side wall for greater stability. Side slot increases leverage for faster, easier slug removal. Red coating reduces side wall friction for efficient cutting. Entrance sizes to 4", cutting depth 1-15/16".

**Includes** 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 3", 3-5/8", 4-1/8", 4-1/2", 3 arbors and molded case.

Stk.	Mfr.	Price
<b>878053</b>	MHS08E	<b>WEB</b>



### 14-Piece Master Hole Saw Kit

**DEWALT** Combines De-Walt's Plumber's, Electrician's & Door Lock Installation Kits. Hole saws are HSS double tooth (for strength & durability) & deep cut (for fast, effective cutting) w/thick-hardened packing plates (to prevent stripping & warping). Quick-change mandrels ensure quick, easy set-up.

**Includes** 3/4", 7/8", 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/8", 2-1/4", 2-1/2", small & large quick change mandrel, replacement parts & molded case.

Stk.	Mfr.	Price
<b>242830</b>	D180005	<b>WEB</b>





### 18-Piece Industrial Hole Saw Kit

**MORSE** Kit covers a broad range of common industrial plumbing and electrical jobs on pipe and conduit through 4". M42 high speed steel cutting edge, and heavy-duty .050 side wall for greater stability. Side slot increases leverage for faster, easier slug removal. Red coating reduces side wall

friction for efficient cutting. Cutting depth 1-15/16".

**Includes** 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3", 3-1/4", 3-5/8", 3-3/4", 4-1/4", 4-1/2", 2 arbors, 12" extension and molded case.

Stk.	Mfr.	Price
<b>878052</b>	MHS061	<b>WEB</b>

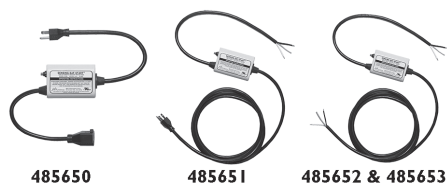


### Multiple-blade Hole Saw

**Great Neck** Cuts through wood, pressed wood & plastic. Maximum cut depth 1-3/4". Cuts 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/4" & 2-1/2" holes. 1/4" shank.

Stk.	Mfr.	Price
<b>281171</b>	HC7D	<b>WEB</b>

## SAFETY CONTROLS



### Restart Safety Plugs

**JDS Products** The easy-to-install, inexpensive solution to anti-automatic restart safety, without the high cost of magnetic

motor starters. The Sensing-Saf-Start® Plug prevents equipment restart following a power interruption, and will not allow a reset until the equipment switch has been turned off.

- Upgrades small machines to meet latest safety requirements
- Plugs into machine power cord & plug (Model 1996)
- Replaces old, frayed, ungrounded power cords (Models 1997, 98, 99)
- Complies w/latest OSHA & NFPA safety standards
- Offers electrical disconnect compliance by unplugging
- Installs in minutes on: drill presses, belt sanders, band saws, power hack-saws, cut-off machines, table saws, small lathes, small milling machines, scroll saws & tool grinders

**You must install any matching plugs on the power cord.**

**Model 1996** For 120V machines w/a good power cord & plug (when cord is not frayed & plug has a ground pin). **Includes** short extension-cord style, 14" cord on male plug end, 12" cord on female receptacle end.

Stk.	Mfr.	Volts	Amps	Price
<b>485650</b>	1996	120	15	<b>WEB</b>

**Model 1997** For all 120V machines w/an old cord &/or you want the reset button closer to the machine for easy access, but still plugged into a duplex-type outlet. Plug is on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord w/molded plug on power end.

Stk.	Mfr.	Volts	Amps	Price
<b>485651</b>	1997	120	15	<b>WEB</b>

**Model 1998** For 120V machines w/an old cord &/or you want to connect to a disconnect box, or install either a 20 amp or twisting lock-type plug on the cord. Sensing-Saf-Start housing is located close to the machine w/out a plug on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
<b>485652</b>	1998	120	18	<b>WEB</b>

**Model 1999** For 200-240V, single phase machines (3-wire). You must install any matching plugs on the power cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
<b>485653</b>	1999	200-240	15	<b>WEB</b>



### iVac Switch Box

**BC TINT** Used for tools and dust collectors operating on 115 Vac @ 15 Amps maximum. Automatically turns on your dust collector (up to 1 HP) or shop vacuum when you turn on a power tool plugged into the unit. The dust collector will continue to run for 6 seconds after the tool has been turned off in order to clear any dust and debris in the hoses.

**TUV safety approval and conforms to UL STD 244A and certified to CSA STDC22.2 #14.**

Stk.	Mfr.	Price
<b>529500</b>	SB-NA	<b>WEB</b>

## DRILL PRESSES



### 8" 5-Speed Benchtop Drill Press

**Rikon** Induction motor provides plenty of power for drilling, stepped pulleys give multiple spindle speed choices, adjustable depth stop for repeatable drilling. Table 6-5/8" x 6-3/8", tilts 45°, rotates 360°. Front on/off push button switch w/removable safety tab for extra security.

Chuck 1/2". Drilling capacity 1/2". Speed 620-3,100 RPM. Size 7" x 16" x 23". Weight 32 lbs.

**Includes** chuck key, holder and speed selection chart.

Stk.	Mfr.	Volts	HP	Price
<b>694170</b>	30-100	120	1/3	<b>WEB</b>



### 10" 5-Speed Bench Drill Press with Light

**General Intl.** Loaded with features you would expect in an industrial type drill presses. Choose from 5 speeds to perfectly match the ideal cutting conditions needed for your material. Featuring a cross-pattern precision laser guide system, this drill press is perfect for home or worksite. Unique built-in LED work light illuminates the work table. Adjustable dial depth stop with scale.

Chuck 1/2". Drilling capacity 1/2". Speed 570-3,050 RPM.

**Includes** chuck key and 2 AA batteries.

Stk.	Mfr.	Volts	Price
<b>420940</b>	DP2002	120	<b>WEB</b>



### 10" 5-Speed Bench Drill Press with Laser

**SKIL** Features 2-beam alignment laser, adjustable depth stop and keyed chuck to achieve consistent and accurate results when drilling. VS gearing for different material types, 0-45° tilting 7-5/8" x 7-5/8" table for precise drilling. Bump-off switch for added safety.

Chuck 1/2". Speed 570-3,050 RPM.

**Includes** chuck key, 2 AA batteries and alignment laser.

Stk.	Mfr.	Volts	HP	Price
<b>260298</b>	3320-01	120	1/2	<b>WEB</b>



### 12" VS Bench Drill Press

**JET** Powerful enough to tackle big jobs, yet portable enough to take it anywhere. 1/2 HP induction motor pushes through almost anything you throw at it; with over 3-1/8" spindle travel for maximum depth cutting, and the X-shaped XACTA® laser ensures drilling accuracy. Digital readout displays spindle speed. Adjustable 9-1/2"W x 9-1/2"D tilts 45°.

Chuck 5/8". Drilling capacity 5/8". Speed 530-3,100 RPM. Size 29.7" x 19.9" x 12.2". Weight 85 lbs.

**Includes** chuck key, drift key and hex wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486039</b>	JWDP-12	115	1/2	1	<b>WEB</b>



### 13" 16-Speed Bench Drill Press

**Rikon** Benchtop drill press features a cast iron base, the 1 1/8" dia. cast iron table swivels and tilts 90°, and the induction motor provides plenty of power for drilling. Three-wing cast iron feed handle provides excellent control when drilling. Thick metal column for strong, rigid support. Front on/off push-button switch with removable safety tab for extra security.

Chuck 5/8". Drilling capacity 5/8". Speed 220–3,600 RPM.  
Size 17-3/4" x 10-1/2" x 42". Weight 102 lbs.

**Includes** chuck key, holder and speed selection chart.

Stk.	Mfr.	Volts	HP	Price
<b>694190</b>	30-120	120	1/2	<b>WEB</b>



### 15" 6-Speed Benchtop Drill Press

**JET** From a full 3-1/8" of spindle travel to the cast iron head with a poly v-belt drive system, this drill press is designed to perform. One-handed belt-tensioning system, and the 12-1/2" x 17" work table with 4 slots tilts 45° left and right. Xacta-X laser system identifies drill center and built-in LED work light reduces shadows. Power switch with safety key and large, paddle-style off button.

Chuck 5/8". Drilling capacity 2". Speed 210-3,500 RPM.  
Size 36.5" x 33.2" x 12.8". Weight 154 lbs.

**Includes** chuck, chuck key, drift key and hex wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486055</b>	JDP-15B	115	3/4	I	<b>WEB</b>



### 15" 16-Speed Drill Press

**JET** From a full 3-1/8" of spindle travel to the cast iron head with a poly v-belt drive system, this drill press is designed to perform. One-handed belt-tensioning system and a 12-1/2" x 17" work table that tilts 45° left and right. Built-in LED work light reduces shadows, Xacta-X laser system identifies drill center. Power switch features a safety key and large, paddle-style off button.

Chuck 5/8". Speed 210-3,500 RPM. Size 27" x 17" x 63-1/4". Weight 172 lbs.

**Includes** chuck key, drift key and hex wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486056</b>	JDP-15F	115	3/4	I	<b>WEB</b>



### 17" VS Drill Press

**Rikon** Designed with features that woodworkers want, a powerful motor and VS pulley that adjusts the chuck speed with a simple turning of a lever. Digital RPM display, 360° rotating work table (14" x 14") tilts 90°. LED work light.

Chuck 5/8". Drilling capacity 1". Speed 200–700 / 600–2,200 RPM.  
Size 19-7/8" x 13-1/2" x 70-1/8". Weight 192 lbs.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Price
<b>694196</b>	30-217	115/230	1.5	<b>WEB</b>



### 17" Variable Speed Drill Press

**General Intl.** Variable speed press with a digital read-out for drilling or sanding. "X" cross-hairs for drilling accuracy, 3-1/8" spindle travel for maximum depth cutting and depth stop, and adjustable spindle return spring for repetitive drilling to the same depth. High-quality bearings for smooth, vibration-free operation.

Chuck 5/8". Drilling capacity 1-1/8". Speed 280-2,100 RPM.  
64-3/8"H. Weight 161 lbs.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>420785</b>	75-165M1	120	3/4	I	<b>WEB</b>



### 17" 16-Speed Drill Press

**JET** From a full 5" of spindle travel to the cast iron head and poly V-belt drive system, this drill press is designed to perform. Table work surface 14" x 19", tilts 90° right/left and features twin T-slot grooves and 4 table slots. Xacta-X laser system identifies drill center, built-in LED work light provides direct lighting. Power switch safety key and large, paddle-style off button.

Chuck 5/8". Drilling capacity 5/8". Speed 210-3,500 RPM.  
Size 28-1/2" x 19" x 65". Weight 187 lbs.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486130</b>	JDP-17	115	3/4	I	<b>WEB</b>



### 18" VS Drill Press

**POWERMATIC** Mechanical VS spindle allows for a full range of speed with no belt changes. Work table (20" x 14"), tilts 0-90°, fence system adjusts 90° for rapid stock alignment. Twin LED worklights, laser guides and digital RPM readout. Keyless chuck, safety key prevents accidental starting.

Chuck 5/8". Drilling capacity 5/8". Speed 250-3,000 RPM.  
Size 8" x 20-1/4" x 71". Weight 246 lbs.

**Includes** safety key, 2 worklights and fence.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656689</b>	1792800B	115/230	I	I	<b>WEB</b>



### 18" 16-Speed Drill Press with Laser

**DELTA** Sixteen-speed motor provides the power needed for demanding drilling operations. Auto-tensioning belt drive allows fast, easy speed changes while maximizing transmission efficiency. Table work surface 20" x 14", 90° tilt R/L, 0-48° forward. Flexible LED work light.

Chuck 5/8". Speed 170-3,000 RPM.  
Size 20" x 28" x 70". Weight 240 lbs.

**Includes** LED work light, twin laser, 6 Allen wrenches and drift key.

Stk.	Mfr.	Volts	HP	Price
<b>704900</b>	18-900L	120	3/4	<b>WEB</b>



### 20" 12-Speed Drill Press

**JET** Hinged-metal belt and pulley cover coupled with quick-adjust motor mount allow rapid spindle speed changes. Rotating, 45° tilt, crank-operated 18-1/2" x 16" worktable with quick release clamp. 1/2" dia. external positive depth stop w/3-nut locking feature. Adjustable tension spindle return spring, ball bearing spindle and built-in worklight.

Chuck 3/4". Drilling capacity 1". Speed 150-4,200 RPM.  
Size 33-1/2" x 18-1/2" x 67". Weight 282 lbs.

**Includes** chuck key and worklight (60W bulb not included).

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486005</b>	JDP-20MF	115/230	1-1/2	I	<b>WEB</b>



## 20" Electronic VS Drill Press

**JET** VS drill press offers spindle speed rates of 65-2,000 RPM for a wide variety of applications. Designed to permit continuous speed adjustment during operation. Emergency stop, heavy-duty casted head and steel column and LED machine lamp. Large precision ground t-slot production table (22" x 18-3/4") for easy set ups.

Drilling capacity 1-1/2". Speed 65-540 /245-2,000 RPM. Size 38.18" x 27.16" x 79.52". Weight 792 lbs.

**Includes** LED lamp.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486062</b>	JDP-20EVS	115	2	1	<b>WEB</b>



## Universal Tool Table

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>



## Tool Table & Universal Stand

**Shop Fox** This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
<b>785720</b>	D3640	<b>WEB</b>



## Forstner Bits

**Steelex** Forstner bits make extremely smooth and clean flat-bottom holes in all kinds of wood. Cuts through any grain pattern, even knots. For use with drill presses.

Stk.	Mfr.	Size	Shank	Price
<b>785810</b>	D1001	1/4"	3/8"	<b>WEB</b>
<b>785811</b>	D1002	3/8"	3/8"	<b>WEB</b>
<b>785812</b>	D1003	1/2"	3/8"	<b>WEB</b>
<b>785813</b>	D1004	5/8"	3/8"	<b>WEB</b>
<b>785814</b>	D1005	3/4"	3/8"	<b>WEB</b>
<b>785815</b>	D1006	7/8"	3/8"	<b>WEB</b>

## Saw-Toothed

Stk.	Mfr.	Size	Shank	Price
<b>785816</b>	D1007	1"	3/8"	<b>WEB</b>
<b>785817</b>	D1008	1-1/8"	3/8"	<b>WEB</b>
<b>785818</b>	D1009	1-1/4"	3/8"	<b>WEB</b>
<b>785819</b>	D1010	1-3/8"	3/8"	<b>WEB</b>
<b>785820</b>	D1011	1-1/2"	3/8"	<b>WEB</b>
<b>785825</b>	D1015	2"	3/8"	<b>WEB</b>
<b>785830</b>	D1020	2-1/2"	1/2"	<b>WEB</b>
<b>785835</b>	D1024	3"	1/2"	<b>WEB</b>



## 16-Piece Forstner Bit Set

**Fisch** For drilling splinter-free, true-to-size blind holes, for edge drilling and slant drilling in softwood and hardwood. The wavy peripheral cutting edge prevents the edges from wearing out.

**Includes** 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8", 1-3/4", 1-7/8", 2", 2-1/8" and wooden case.

Stk.	Mfr.	Price
<b>193619</b>	FSA-196037	<b>WEB</b>



## 25-Piece Sanding Drum Kit

**DELTA**

**Includes** 2" & 1-1/2" dia. x 1-1/2" & 1", plus 3/4" dia. x 1" sanding drums with 1/4" shank, 1/2" dia. x 1/2" sanding drum with 1/8" shank, 2 each 80 grit medium & 120 grit fine aluminum oxide sleeves to fit drums and case.

Stk.	Mfr.	Price
<b>704861</b>	17-940	<b>WEB</b>



## Mortising Attachment Kit

**DELTA**

Improve accuracy when cutting square holes for various sized mortise & tenon joints. Kit connects to drill in minutes w/out tools. Easy-use hold-down provides better clamping for exacting cuts. Special alignment gauge for fast, accurate set-up, prolonged tool life. Large, cast iron fence assembly supports thick or tall workpiece. 4" capacity under hold-down, 2-3/4" capacity ends of clamp rods to fence.

Fits drill press w/quill dia. of 66 mm, 50.8 mm, 48 mm & 38 mm (Delta drill press models 11-980, 11-990, 14-070 & 17-900; radial drill press model 11-090 & Sears drill press models 21313, 21315 & 21317).

**Includes** mortising attachment, 4 mortising chisels (1/4" x 1/4", 5/16" x 5/16", 3/8" x 3/8", 1/2" x 1/2"), 4 bits & case.

Stk.	Mfr.	Price
<b>704840</b>	17-924	<b>WEB</b>



## Mortising Chisel & Bit

**DELTA**

Production-type steel chisels. Each unit provides 1 mortising chisel & its coordinating bit.

Stk.	Mfr.	Size	Shank	Price
<b>704810</b>	17-001	1/4"	5/8" dia.	<b>WEB</b>
<b>704811</b>	17-002	5/16"	5/8" dia.	<b>WEB</b>
<b>704812</b>	17-003	3/8"	5/8" dia.	<b>WEB</b>
<b>704813</b>	17-004	1/2"	5/8" dia.	<b>WEB</b>

**4-Piece Set Includes** 1/4", 5/16", 3/8" & 1/2".

Stk.	Mfr.	Size	Shank	Price
<b>704814</b>	17-005	1/4"-1/2"	5/8" dia.	<b>WEB</b>



## Drill Press Guard

**DELTA**

Biesemeyer drill press safety shield mounts to any drill press w/a column diameter from 1-1/2" to 3-11/16".

Stk.	Mfr.	Price
<b>704890</b>	17-985	<b>WEB</b>





### Drill Press Vise Clamps

**Steelex** Adjusts quickly & easily to lock workpiece in any position. Clamping pad pivots to conform to any workpiece, ensuring uniform pressure.

Stk.	Mfr.	Jaw Capacity	Length	Price
<b>785619</b>	D2192	3" x 3"	10"	<b>WEB</b>
<b>785638</b>	D2493	4" x 5"	12"	<b>WEB</b>



### Circle Cutters

**General** Replaceable high speed steel blades. Maximum safe speed 500 rpm.

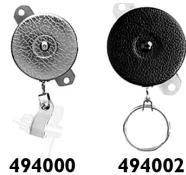
Stk.	Mfr.	Shank	Circles	Price
<b>417000</b>	4	3/8" Rd. & 5/8" Sq.	7/8" to 4"	<b>WEB</b>
<b>417067</b>	5B	3/8" Rd.	1" to 6"	<b>WEB</b>
<b>417469</b>	55	1/2" Rd.	1-3/4" to 8"	<b>WEB</b>



### Ejecting Drifts

**Jacobs** Eject Morse tapers from sleeves, sockets & machine spindles. Hardened & tempered.

Stk.	Mfr.	Sleeve Size	Length	Price
<b>219950</b>	30485N	1 & 2	5-5/8"	<b>WEB</b>
<b>219951</b>	30486N	3 & 4	7-1/2"	<b>WEB</b>



### 24" Chrome Bracket Mount Key-Bak®

**Key-Bak** Protect students and meet safety regulations with the retractable Key-Bak by mounting the chuck key to the drill press. Secure pocket-watch-size retractor to any flat surface using its metal bracket attachment. The textured-chrome case houses a 24" stainless steel chain allowing key

or tool use at arm's length and at any angle without detachment. The precision-made Key-Bak has a lifetime service policy.

Stk.	Mfr.	Item	Price
<b>494000</b>	7LSC	Large Swivel w/out Split Ring	<b>WEB</b>
<b>494002</b>	7	Small Swivel w/Split Ring	<b>WEB</b>



### Morse Taper Drill Sleeves

**Production Tool Supply** For taper shanks. Case hardened throughout. Ground internally & externally.

Stk.	Mfr.	Hole	Shank	Price
<b>682750</b>	GT51-012	MT-1	MT-2	<b>WEB</b>
<b>682752</b>	GT51-013	MT-1	MT-3	<b>WEB</b>
<b>682754</b>	GT51-023	MT-2	MT-3	<b>WEB</b>



### Magnetic Work Light

**DELTA** Powerful magnetic base adheres to any steel surface to provide extra light in hard-to-reach areas. Flexible 14" arm may be positioned in a variety of ways. Extra-long 8' cord. Uses up to 40-watt track light bulb (not included).

Stk.	Mfr.	Price
<b>724371</b>	25-870	<b>WEB</b>



### Magnetic Light

**Carter** The Limber Light™ is a small cable free LED task light with a magnetic base. Place it anywhere you need additional illumination.

**Includes** pre-installed batteries and 3 extra batteries.

Stk.	Mfr.	Price
<b>291760</b>	LMBRO1	<b>WEB</b>



### 4" Drill Press Vise

**Bora** This 4" vise is ideal for anyone with a drill press. Its universal design, heavy-duty construction, and clamping pressure provide consistent, professional results with every project.

Stk.	Mfr.	Jaw Capacity	Price
<b>193630</b>	551027	4"	<b>WEB</b>



### Drill Press Vise

**DELTA** Cast iron construction with large-capacity jaw that holds material 3/4" to 4" wide. Built-in groove supports dowels up to 1/2"D, during drilling operations. Use with wood or metal.

Stk.	Mfr.	Jaw Depth	Jaw Width	Price
<b>705705</b>	20-621	3/4"	4"	<b>WEB</b>



### 6" Quick-Release Drill Press Vise

**DELTA** Durable, cast iron vise holds material 1" to 6" wide. Quick-release feature saves time.

Stk.	Mfr.	Jaw Depth	Jaw Width	Price
<b>705703</b>	20-619	1"	6"	<b>WEB</b>



### Quick Release Vise

**Shop Fox** Simple push rod and cam lever action securely locks and holds workpiece in place for tremendous holding power. Low

profiles reduce lost drilling capacity and clamping ears make set-up fast and easy. Heavy cast iron construction.

Stk.	Mfr.	Jaw Capacity	Price
<b>785705</b>	D3265	3-5/8"	<b>WEB</b>



### Angle Vise

**Shop Fox** Angle vise offers 90° adjustment from horizontal to vertical with easy-read scale & indexing pin set for every 15°. Dovetailed trunnions w/lock handle ensure stability. Precision-cut Acme threads & polished guide rod ensure accuracy.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Jaw Depth	Price
<b>785658</b>	D2933	4-1/8"	3-3/4"	2-3/4"	<b>WEB</b>



### Continuous Nut Drill Press Vises

**Wilton** Made from high-grade cast iron. Ground vise bed for smooth, consistent jaw movement. Hardened top V-groove jaws. Rugged design & large workload capacity.

Stk.	Mfr.	Jaw Width	Jaw Capacity	Jaw Depth	Price
<b>979500</b>	I335	3"	2-3/4"	1-7/8"	<b>WEB</b>
<b>979502</b>	I360	5"	5"	2-1/8"	<b>WEB</b>

## HOLLOW CHISEL MORTISERS



### 1/2 HP Bench Top Mortiser

**DELTA** Adjustable rack-and-pinion fence and rack with hold-down and pinion head raising and lowering. Mortising head column can be turned 180° and remounted for off-table mortising. Height attachment adds 1-3/4" capacity to head.

Chuck 3/8". Size 13-1/2"L x 16-1/4"W x 30"H. Weight 74 lbs.

**Includes** chuck key, 4 mortising chisels and bits, tool and chisel holder and riser block.

Stk.	Mfr.	Volts	Phase	RPM	Price
<b>699620</b>	14-651	120	1	1,720	<b>WEB</b>



### 3/4 HP Bench Top Mortiser

**POWERMATIC** Mortiser features an integrated bit and chisel spacer system. Stop at pre-set depths without racking bit to the base. Heavy-duty handle can be installed to either side of head without tools. Stock hold-down with double lock system eliminates workpiece slippage.

Chuck 1/2". Size 24.2" x 19.2" x 17.4". Weight 90 lbs.

**Includes** integrated chisel and tool holder with sharpening stone, chuck, chuck key and removable safety switch key.

Stk.	Mfr.	Volts	Phase	RPM	Price
<b>656672</b>	1791310	115	1	1,725	<b>WEB</b>



### 1 HP Mortiser

**POWERMATIC** Heavy-duty cast iron construction and 1 HP motor for demanding jobs. The head is mounted using adjustable gibs for years of trouble-free service. Heavy rack-and-pinion gear system with spring loaded 6-position adjustable handle. Work support table adjusts from 0° to 35° R&L, front to back.

Chuck size 1/2". Size 21-1/4"L x 21-5/8"W x 61"H. Weight 272 lbs.

**Includes** work stop, depth and length stops, drill bit adapter, quick release vise, chuck extension adapter, chuck key, wood table and enclosed stand.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	Phase	RPM	Price
<b>656636</b>	1791264K	115/230	1	1,725	<b>WEB</b>



### Premium Mortise Chisel & Bit

**POWERMATIC**

Stk.	Mfr.	Size	Shank	Price
<b>656560</b>	1791091	1/4"	5/8" x 1-1/4"	<b>WEB</b>
<b>656561</b>	1791092	5/16"	5/8" x 1-1/4"	<b>WEB</b>
<b>656562</b>	1791093	3/8"	5/8" x 1-1/4"	<b>WEB</b>
<b>656563</b>	1791094	1/2"	5/8" x 1-1/4"	<b>WEB</b>
<b>656564</b>	1791095	3/4"	5/8" x 1-1/4"	<b>WEB</b>

**4-Piece Set Includes** 1/4" to 1/2".

Stk.	Mfr.	Size	Shank	Price
<b>656565</b>	1791096			<b>WEB</b>

## BAND SAWS



### 9" Benchtop Band Saw with LED Light

**General Intl.** Wood cutting band saw is equipped with a powerful 2.5 amp motor to rip through hardwoods. Cast aluminum work table, flexible LED work light. Quick and easy blade changes, removable-keyed safety switch.

Blade 59-1/2"L. Table size: 11-3/4" x 11-3/4". Weight 30 lbs.

**Includes** blade, rip fence and miter gauge.

Stk.	Mfr.	Volts	SFPM	Price
<b>420930</b>	BS5105	120	2,625	<b>WEB</b>



### 9" Benchtop Band Saw with Light

**SKIL** The laser cutline guide, LED worklight and EZ view blade tracking help you make accurate, precise cuts. Rack-and-pinion table adjustment for quick angle and height adjustments. Bump-off switch for added safety.

Blade 59-1/2"L x 1/8" - 3/8"W. Size 31.1" x 16.2" x 12.8". Weight 31.3 lbs.

**Includes** blade, miter gauge and rip fence.

Stk.	Mfr.	Volts	SFPM	Price
<b>260290</b>	3386-01	120	2,800	<b>WEB</b>



### 10" Benchtop Band Saw

**Rikon** A favorite of woodworkers that do not require large cutting capacity and power for their projects, or have limited shop space for a larger size band saw. Features a tilting 0-45° table, 2" rip fence, large blade tension knob, 2-1/2" dust port for shop vacuum hookup, and safety paddle on/off switch. Large cast iron table, balanced cast aluminum wheels and precision guide bearings.

Blade 70-1/2"L x 1/8" - 1/2"W. Size 21" x 15-1/4" x 33-1/4". Weight 68 lbs.

**Includes** rip fence.

Stk.	Mfr.	Volts	HP	FPM	Price
<b>694120</b>	10-305	110	1/3	2,780	<b>WEB</b>



### 10" Band Saw Stand

**Rikon** Fits Rikon band saws 10-300 and 10-305. Solid steel construction and lightweight design. Easy-to-assemble. Non-slip rubber feet.

Stk.	Mfr.	Base	Top	Price
<b>694130</b>	13-913	25.5"L x 19"W x 25"H	16.5"L x 10"W	<b>WEB</b>



### 10" Open Stand Band Saw

**JET** With quick release blade tension, upper and lower ball bearing blade guides, an extra-large cast iron tilting table, and an easily adjustable LED work light; this well-equipped band saw has all the features of bigger band saws. Poly-V drive maximizes power transfer from motor to blade and reduces vibration. Upper and lower ball bearing blade guides provide blade stability.

Blade 67-1/2"L x 1/8" to 1/2". Size 30" x 19-1/2" x 59-1/2". Weight 83 lbs.

**Includes** stand, LED work light and blade.

Stk.	Mfr.	Volts	Phase	SFPM	Price
<b>486038</b>	JWB-10	115	1	2,750	<b>WEB</b>



#### 14" Closed Stand Band Saw

**JET** Graphite-impregnated polymer blade guides provide quicker setup and a cooler running blade. Upper blade guide micro-adjustments reduce friction. Quick-connect motor-to-switch plug for easy setup. Built-in 2" dust chute connection.

Blade 93-1/2"L x 1/8" - 3/4"W.

Size 26" x 19" x 68". Weight 185 lbs.

**Includes** enclosed stand and woodworking blade.

**Please specify voltage. 115V will be shipped unless specified.**

Stk.	Mfr.	Volts	Phase	SFPM	Price
<b>485737</b>	JWBS-14CS	115/230	1	3,000	<b>WEB</b>

#### Band Saw Fence

**JET** Positive locking assembly slides along rail with low-friction plastic contact points for smooth, easy adjustments. Fits JET 14" Band Saws with a 15" x 15" table.

Stk.	Mfr.	Price
<b>486093</b>	714101	<b>WEB</b>

#### Miter Gauge Assembly

**JET** For 14" band saws.

Stk.	Mfr.	Price
<b>485735</b>	JMG-14	<b>WEB</b>

#### Standard Universal Mobile Base

**JET** Spring-pin, quick snap allows tool-free adjustments (width and length) and easy assembly. Sturdy, low-ground clearance. Strong, yet lightweight. 2 fixed and 2 swivel casters. 18" sq. to 24" sq., 600 lb. capacity. 1/2" clearance.

Stk.	Mfr.	Price
<b>486113</b>	JMB-UMB	<b>WEB</b>



#### 14" 12 Band Saw

**Laguna** Features pyramid-shaped spine, 1-3/4 HP TEFC motor, quick release tension, micro polished 21" x 16" table mounted onto oversized trunnion, paired with aluminum hi/low fence. Solid cast wheels are fitted with polyurethane 1-piece tires designed to run cooler and last longer than conventional tires. Innovative table insert forces dust into 4" dust port. Massive, adjustable lower wheel shaft.

Blade 115" x 1/8" - 3/4"W. Size 70-1/4" x 25" x 18". Weight 258 lbs.

**Includes** stand, fence and safety key.

**Please specify voltage, 115V will be shipped if not specified. Shown with Wheel Kit, sold separately.**

Stk.	Mfr.	Volts	Price
<b>502090</b>	MBAND1412-175	115/230V	<b>WEB</b>



#### 14" Wood/Metal Band Saw

**JET** Gear box design allows wood/metal model saws to be used for a wider variety of metal, wood, non-ferrous metal and plastic cutting applications. Performs straight and contour cuts, plus resawing, solid, stable 1-piece steel base, conveniently located on/off switch.

Blade 92-1/2"L x 1/4" - 3/4"W.

Size 25-1/2" x 22-3/8" x 73-1/2". Weight 280 lbs.

**Includes** miter gauge, dust port, 2 blades and table.

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>961513</b>	J-8201K	115	1	1	3,300	<b>WEB</b>
<b>961514</b>	J-8203K	220/440	1	3	3,300	<b>WEB</b>

961514|Please specify voltage. 220V will be sent if not specified.



#### 14" Steel Frame Band Saw

**JET** The large, cast iron table features 360 sq. in. of work surface for greater workpiece support when making deep cuts. Machined aluminum fence system features easily visible measurements for the most accurate cutting. This saw is equipped with JET's easily adjustable blade guide system, making adjustments quick and simple. It features over 13" of resaw capacity, and dual 4" dust ports for maximum dust collection efficiency. Heavy-duty tubular steel welded construction, stamped steel doors with welded steel pin hinges, and heavy-duty base.

Blade 116"L x 1/8"W to 3/4"W (not included).

Size 37"L x 27-1/2"W x 75-3/8"H. Weight 272 lbs.

**Please specify voltage. 115V will be shipped unless specified.**

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>485739</b>	JWBS14-SFX	115/230	1.75	1	3,000	<b>WEB</b>



#### 14" Steel Stand Band Saw

**DELTA** Heavy-duty steel frame reduces flexing and heavy-duty trunnion table support for durability. Durable aluminum, rubber-coated upper and lower wheels are balanced for superior blade tracking. The 2-speed pulley system provides the flexibility needed for cutting a variety of materials. Poly V-belt drive for consistent power transfer.

Blade 93-1/2"L x 1/8" - 3/4"W. Size 19" x 27" x 65-1/2".

Weight 165 lbs.

**Includes** 4" dust port, steel stand and blade.

**Please specify voltage. 115V will be shipped unless specified.**

Stk.	Mfr.	Volts	HP	Phase	RPM	Price
<b>725578</b>	28-400	115/230	1	1	1,620/3,340	<b>WEB</b>



#### 14" Deluxe Band Saw

**Rikon** Features spring-loaded tool-less blade guides, quick-adjust 6"H fence system and quick-lock trunnion table angling system, plus, a quick release blade tension lever, large adjustment handles, hinged safety blade guard with sight window, high work table height and storage cabinet base. Precision balanced cast iron wheels, large cast iron work table, visual cutting depth scale and rear 115V power outlet.

Blade 111"L x 3/16" - 3/4"W.

Size 33-3/4" x 25" x 76". Weight 285 lbs.

**Includes** blade and rip fence assembly.

**Please specify voltage. 115V will be shipped unless specified.**

Stk.	Mfr.	Volts	HP	Phase	FPM	Price
<b>694123</b>	10-326	115/230	1-3/4	1	1,445/2,950	<b>WEB</b>



#### 14" 1.5 HP Band Saw

**POWERMATIC** Poly V-belt reduces noise and vibration. Built-in chip blower removes dust and chips while cutting. Extra large cast iron table with T-slot miter gauge for more work area in front of table. Easy-to-use quick-change blade.

Blade 93-1/2"L x 3/4"W. Size 20" x 34" x 68". Weight 250 lbs.

**Includes** quick-tension release, adjustable miter gauge, rip fence with resaw assembly, blade, work lamp, chip blower and riser block.

**Please specify voltage. 115V will be shipped unless specified.**

Stk.	Mfr.	Volts	Phase	SFPM	Price
<b>656604</b>	1791216K	115/230	1	3,000	<b>WEB</b>



### 15" 3 HP Band Saw

**POWERMATIC** Packs many features traditionally found on larger band saws and brings them to a new, category-redefining, 15" size. Sturdy cast iron table and trunnion assembly offers maximum rigidity for heavy work pieces. Blade tension release w/electrical interlock prevents band saw from starting when blade is de-tensioned or released. Heavy duty upper wheel support and tracking mechanism for smooth operation.

Blade 153"L x 1/8" - 1"W. Size 30-1/4" x 34-3/8" x 80-1/4". Weight 394 lbs.

**Includes** fence assembly, miter gauge, resaw pin and handle.

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>656674</b>	1791500	230	3	1	3,100	<b>WEB</b>



### 15" Band Saw

**JET** Delivers the re-saw capacity, throat depth and horsepower needed to tackle big boards, create smooth edges and master intricate cuts. Heavy-duty cast iron fence system features a micro-adjust dial for exact placement. The table is slotted and the guide post has a magnetic door for efficient blade changes. Large, independently adjustable guides are toolless to save time on set up.

Blade 133"L x 1/8" - 1"W.

Size 29-1/2" x 32" x 74". Weight 382 lbs.

**Includes** fence system and miter gauge.

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>486086</b>	JVBS-15	115/230	1	1	3,100	<b>WEB</b>
<b>486087</b>	JVBS-15-3	230	3	1	3,100	<b>WEB</b>

**486086** Please specify voltage. 115V will be shipped if not specified.



### 18" Band Saw with Cast Iron Fence

**JET** Designed to perform, the 18" band saw delivers more re-saw capacity, greater throat depth and the horsepower needed to tackle bigger boards, create smoother edges and master intricate cuts. Heavy-duty cast-iron fence system is built to give the support needed for every project and features a micro-adjust dial for exact placement. Table is slotted and the guide post has a stress-free magnetic door on the front for efficient blade changes. Large, independently adjustable guides are tool-less to save time on set up.

Blade 150"L x 1/8" - 1-1/4"W. Size 36" x 34" x 80". Weight 502 lbs.

**Includes** fence system and miter gauge.

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>486088</b>	JVBS-18	115/230	1-3/4	1	2,300/3,800	<b>WEB</b>
<b>486089</b>	JVBS-18-3	230	3	1	2,300/3,800	<b>WEB</b>

**486088** Please specify voltage. 115V will be shipped unless specified.



### 18" 5 HP Band Saw

**POWERMATIC** Heavy-duty 5 HP motor provides power for all projects. Sturdy cast iron table and trunnion assembly offers maximum rigidity for large work pieces. Convenient foot brake makes it possible for rapid stops. T-Square style AccuFence® maximizes accuracy and safety, with complete adjustability for aligning to blade and squaring to table.

Blade 160"L x 1/8" - 1-1/2"W. Size 39-1/2" x 42" x 81-1/2".

**Includes** AccuFence®, miter gauge and blade.

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>656690</b>	1791800B	230	5	1	2,300/4,400	<b>WEB</b>
<b>656691</b>	1791801B	230/460	5	3	2,300/4,400	<b>WEB</b>

**656691** 460V requires additional magnetic switch (Mfr. PM1800B-043C), sold separately.



### 20" Band Saw with Cast Iron Fence

**JET** Designed to perform, this band saw delivers more re-saw capacity, greater throat depth and the horsepower needed to tackle bigger boards, create smoother edges and master intricate cuts. Heavy-duty cast-iron fence system is built to give the support needed for every project and features a micro-adjust dial for exact placement. Table is slotted and the guide post has a stress-free magnetic door on the front for efficient blade changes.

Blade 158"L x 1/8" to 1-1/2"W. Size 37" x 33-1/2" x 88".

**Includes** fence, blade and miter gauge.

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>486090</b>	JVBS-20-3	230	3	1	2,530/4,850	<b>WEB</b>
<b>486091</b>	JVBS-20-5	230	5	1	2,530/4,850	<b>WEB</b>



### 20" 5 HP Band Saw

**POWERMATIC** Heavy-duty 5 HP motor provides power needed for all projects. Cast iron table and trunnion assembly offers maximum rigidity for large work pieces. Exclusive T-square style Accu-Fence® maximizes accuracy and safety, plus offers complete adjustability for aligning to blade and squaring to table. Blade tension release w/electrical interlock prevents band saw from starting when blade is detensioned.

Blade 170"L x 1/4" to 1-1/2"W. Size 41-1/2" x 42" x 81-1/2".

**Includes** AccuFence®, miter gauge, 4" dust port blade.

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>656692</b>	1791257B	230	5	1	2,300/4,400	<b>WEB</b>
<b>656693</b>	1791258B	230/460	5	1	2,300/4,400	<b>WEB</b>

**656693** 460V requires additional magnetic switch (Mfr. PM1800B-043C), sold separately.



### 24" 5 HP Band Saw

**POWERMATIC** Heavy-duty 5 HP motor provides power needed for all projects. Sturdy cast iron table and trunnion assembly offers maximum rigidity for large work pieces. Convenient foot brake makes it possible for rapid stops. Solid cast iron upper and lower wheels create momentum needed for heavy resawing. T-Square style AccuFence® maximizes accuracy and safety.

Blade 183"L x 1/4" - 1-1/2"W. Size 46-3/4" x 42" 81-1/2".

**Includes** AccuFence®, miter gauge and blade.

Stk.	Mfr.	Volts	HP	Phase	SFPM	Price
<b>656694</b>	1791259B	230	5	1	2,500/4,800	<b>WEB</b>
<b>656695</b>	1791260B	230/460	5	3	2,500/4,800	<b>WEB</b>

**656695** 460V requires additional magnetic switch (Mfr. PM1800B-043C), sold separately.



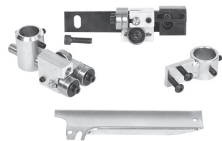
### Micro-Precision Band Saw Guide

**Carter** The Micro-Precision ball bearing rub block guide provides full contact with the blade for maximum accuracy. Well suited for general purpose work. Self-lubricating rub blocks. For use on saws from 14" to 20".

Blade Width: 3/16" to 3/4". FPM: 5,000 max.

Stk.	Mfr.	Qty.	Price
<b>291740</b>	CP30A	1	<b>WEB</b>





### Band Saw Guide Conversion Kit

**Carter** Ball bearing guides with custom mounting brackets specially designed for 14" band saws. Complete, bolt-on packages easily upgrade saw's performance to all-ball bearing.

**Includes** upper/lower assemblies, upper/lower mounting studs, upper/lower mounting adapter blocks and hardware.

Stk.	Mfr.	Item	Price
<b>291742</b>	DEL14	For Delta	<b>WEB</b>
<b>291744</b>	JET14	For Jet	<b>WEB</b>
<b>291755</b>	UNV1	For Powermatic PWB5-14CS	<b>WEB</b>



### Rubber Band Saw Tires

**Carter** Adhesive attachment type tires made of 100% natural rubber, each tire is 15% to 20% undersized to ensure perfect fit.

Stk.	Mfr.	Size	Price
<b>291730</b>	TP-14	14"	<b>WEB</b>
<b>291733</b>	TP-20	20"	<b>WEB</b>



### Industrial Adhesive

**3M Scotch** Brushable, heat resistant adhesive that develops strength rapidly providing good creep resistance. Bonds to rubber, metal, wood, concrete and more.

Stk.	Mfr.	Size	Price
<b>291720</b>	4799	5 oz. tube	<b>WEB</b>



### Band Saw Stabilizer

**Carter** Revolutionary stabilizer provides support for blades up to 1/4"W on a wide variety of band saws. Rugged, compact unit easily installs in place of current upper guide side support blocks to offer the benefits of ball-bearing support for more consistent cutting with cooler blades. Special grooved support bearing gives full support to blade's rear edge, preventing it from moving backwards or sideways. The blade's front edge is free to flex into the cut. Fits Delta 14", Jet 14", Rigid 14", Reliant 14", Sears Contractor 14", Grizzly 14", Powermatic 14CS and other similar saws using rub blocks.

Stk.	Mfr.	Price
<b>291750</b>	STD1	<b>WEB</b>



### Band Saw Tires

#### DELTA

Stk.	Mfr.	Item	Price
<b>766952</b>	905145	14"	<b>WEB</b>
<b>767072</b>	426-04-094-5002	20" Snap-Lok	<b>WEB</b>



### Visorguard™ Blade Guard

**Flexbar** Provides complete protection between cutting blade and operator's hands and eyes. Easy-position handle. Adjustable tension 9"L flexbar arm permits correct setting of guard for each set-up. Drill and tap 2 holes to install. L-shaped Lexan shield is 6"H x 6"W x 4"D and

fits most band saws with 18" maximum throat height. Includes vertical angle mounting bracket with 11" of height adjustment, mounting screws with self-locking nuts.

Stk.	Mfr.	Price
<b>408710</b>	13464	<b>WEB</b>



### Brett-Guard® Band Saw Guard

**HTC Products** Guard adds safety and visibility with a built-in light to illuminate cutting line and work area. It mounts at an angle to prevent interference with saw guide components, and adjusts according to depth of cut. The clear plexi-shield can be adjusted independently. Fits most brands of band saws. OSHA and ANSI compliant.

**Includes** mounting hardware.

**Requires 3 AAA batteries, sold separately.**

Stk.	Mfr.	Item	Price
<b>476491</b>	A-100-16	10"-16" Band Saws	<b>WEB</b>



### Precision Band Saw Fence

**Kreg** Two-position fence easily adjusts to your blade's drift angle to provide you with a new level of band saw accuracy. Fence can be quickly changed to a low-profile position to allow the blade guides to be moved closer to

the workpiece. Mounts to most 14" band saws and can be modified to fit many others.

**Includes** mounting rail and hardware, clamp block with precision lens cursor, heavy-duty Trak and adhesive-back measuring tape.

Stk.	Mfr.	Price
<b>793873</b>	KMS7200	<b>WEB</b>



### Precision Band Saw Fence Micro-Adjuster

**Kreg** Thumb wheel dials precise adjustments (to .005") on Kreg's Precision Band Saw Fence Stk. **793873**.

Stk.	Mfr.	Price
<b>793893</b>	KMS7215	<b>WEB</b>

### Band Saw Blade Guides

**Olson** Phenolic guides allow blades to run cooler and last longer with less friction. Cool Blocks® improve cutting performance and are effective with 1/16" and 1/8" wide blades for tight radius work.

**For Delta 14" Band Saws** 3 blocks (1/2" x 1/2" x 3/4"), plus 1 guide block (1/2" x 3/8" x 1").

Stk.	Mfr.	Price
<b>613766</b>	CB50000	<b>WEB</b>

**For most 14" Band Saws** 4 blocks (1/2" x 1/2" x 3/4").

Stk.	Mfr.	Price
<b>613767</b>	CB50050	<b>WEB</b>

**For most 9", 2-wheel Band Saws** 2 blocks (13/64" x 13/64" x 13/16"), 2 guide blocks (13/64" x 13/64" x 1").

Stk.	Mfr.	Price
<b>613769</b>	CB50085	<b>WEB</b>



### Magnetic Work Light

**DELTA** Powerful magnetic base adheres to any steel surface to provide extra light in hard-to-reach areas. Flexible 14" arm may be positioned in a variety of ways. Extra-long 8' cord. Uses up to 40-watt track light bulb (not included).

Stk.	Mfr.	Price
<b>724371</b>	25-870	<b>WEB</b>



### Magnetic Light

**Carter** The Limber Light™ is a small cable free LED task light with a magnetic base. Place it anywhere you need additional illumination.

**Includes** pre-installed batteries and 3 extra batteries.

Stk.	Mfr.	Price
<b>291760</b>	LMBR01	<b>WEB</b>



### Saw Blade Lubricant Stick

**Olson** Prolong blade life & produce smoother, quicker cuts. Wax stick keeps metal, plastic & wood-cutting blades from clogging due to chips or pitch. Use on all power & hand-held cutting tool blades including scroll, circular, hack & jeweler's saw blades.

Stk.	Mfr.	Size	Price
<b>613750</b>	AC70010	8"L x 1" dia.	<b>WEB</b>

### Wood or Metal-cutting Band Saw Blade

**MORSE** Carbon hard edge flexible back material w/hardened teeth. Fits Delta, Jet 14".

Stk.	Mfr.	Width	Length	TPI	Price
<b>537695</b>	ZCLB06	1/4"	7' 9-1/2" (93-1/2")	6	<b>WEB</b>
<b>537696</b>	ZCLB14	1/4"	7' 9-1/2" (93-1/2")	14	<b>WEB</b>

### Band Saw Blade Stock in Rolls

**Morse** Using your butt welder or brazer, get blade stock in 100' length coils. Rolls are hard edge flexible back. 6 tooth blades are hook tooth.

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>876940</b>	183206100C	1/4"	100'	.025"	6	<b>WEB</b>
<b>877208</b>	183306100C	3/8"	100'	.025"	6	<b>WEB</b>
<b>877476</b>	183406100C	1/2"	100'	.025"	6	<b>WEB</b>

### Flexback Band Saw Blade

**MORSE** Ideal for wood production, cutting and short production/maintenance/general purpose applications using low alloy steel and non-ferrous metals.

#### Delta, Rockwell 9"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>537620</b>	1832060594	1/4"	4' 11-1/2" (59-1/2")	.025"	6	<b>WEB</b>
<b>537621</b>	1832140594	1/4"	4' 11-1/2" (59-1/2")	.025"	14	<b>WEB</b>
<b>537622</b>	1833060594	3/8"	4' 11-1/2" (59-1/2")	.025"	6	<b>WEB</b>
<b>537623</b>	1633140594	3/8"	4' 11-1/2" (59-1/2")	.025"	14	<b>WEB</b>

#### Craftsman 9"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>537770</b>	1832040620	1/4"	5' 2" (62")	.025"	4	<b>WEB</b>
<b>537771</b>	1832060620	1/4"	5' 2" (62")	.025"	6	<b>WEB</b>
<b>537772</b>	1833040620	3/8"	5' 2" (62")	.025"	4	<b>WEB</b>

#### Jet 10"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538000</b>	1532040674	1/4"	5' 7-1/2" (67-1/2")	.025"	4	<b>WEB</b>
<b>538001</b>	1833040674	3/8"	5' 7-1/2" (67-1/2")	.025"	4	<b>WEB</b>
<b>538002</b>	1534040674	1/2"	5' 7-1/2" (67-1/2")	.025"	4	<b>WEB</b>

#### Rikon 10"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538020</b>	1532040704	1/4"	5' 10-1/2" (70-1/2")	.025"	4	<b>WEB</b>
<b>538021</b>	1832060704	1/4"	5' 10-1/2" (70-1/2")	.025"	6	<b>WEB</b>
<b>538022</b>	1533040704	3/8"	5' 10-1/2" (70-1/2")	.025"	4	<b>WEB</b>
<b>538023</b>	1833060704	3/8"	5' 10-1/2" (70-1/2")	.025"	6	<b>WEB</b>
<b>538024</b>	1834040704	1/2"	5' 10-1/2" (70-1/2")	.025"	4	<b>WEB</b>

#### Delta 10"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538005</b>	1532040716	1/4"	5' 11-3/4" (71-3/4")	.025"	4	<b>WEB</b>
<b>538072</b>	1533040716	3/8"	5' 11-3/4" (71-3/4")	.025"	4	<b>WEB</b>
<b>538139</b>	1534040716	1/2"	5' 11-3/4" (71-3/4")	.025"	4	<b>WEB</b>

#### Delta 10" 28-195

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538150</b>	1832060724	1/4"	6' 1/2" (72-1/2")	.025"	6	<b>WEB</b>
<b>538151</b>	1533040724	3/8"	6' 1/2" (72-1/2")	.025"	4	<b>WEB</b>
<b>538152</b>	1534040724	1/2"	6' 1/2" (72-1/2")	.025"	4	<b>WEB</b>

#### Craftsman 12"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538206</b>	1532040800	1/4"	6' 8" (80")	.025"	4	<b>WEB</b>
<b>538208</b>	1832060800	1/4"	6' 8" (80")	.025"	6	<b>WEB</b>
<b>538210</b>	1632100800	1/4"	6' 8" (80")	.025"	10	<b>WEB</b>
<b>538273</b>	1533040800	3/8"	6' 8" (80")	.025"	4	<b>WEB</b>
<b>538340</b>	1534040800	1/2"	6' 8" (80")	.025"	4	<b>WEB</b>

#### Delta 12" & 16"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538601</b>	1832060820	1/4"	6' 10" (82")	.025"	6	<b>WEB</b>
<b>538602</b>	1833060820	3/8"	6' 10" (82")	.025"	6	<b>WEB</b>

#### J-line 14"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538943</b>	1532040920	1/4"	7' 8" (92")	.025"	4	<b>WEB</b>
<b>538945</b>	1832060920	1/4"	7' 8" (92")	.025"	6	<b>WEB</b>
<b>539010</b>	1533040920	3/8"	7' 8" (92")	.025"	4	<b>WEB</b>

#### Delta 14", General Intl. 14", JET 14" & Powermatic 14CS.

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>513871</b>	FBI0493DB	3/16"	7' 9-1/2" (93-1/2")	.025"	4	<b>WEB</b>
<b>539278</b>	1532040934	1/4"	7' 9-1/2" (93-1/2")	.025"	4	<b>WEB</b>
<b>539281</b>	1832060934	1/4"	7' 9-1/2" (93-1/2")	.025"	6	<b>WEB</b>
<b>539345</b>	1533040934	3/8"	7' 9-1/2" (93-1/2")	.025"	4	<b>WEB</b>
<b>539282</b>	1833060934	3/8"	7' 9-1/2" (93-1/2")	.025"	6	<b>WEB</b>
<b>539412</b>	1534040934	1/2"	7' 9-1/2" (93-1/2")	.025"	4	<b>WEB</b>
<b>539680</b>	1544030934	3/4"	7' 9-1/2" (93-1/2")	.032"	3	<b>WEB</b>

### Powermatic 14" 141 & 143

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539948</b>	1532040950	1/4"	7' 11" (95")	.025"	4	<b>WEB</b>
<b>539950</b>	1832060950	1/4"	7' 11" (95")	.025"	6	<b>WEB</b>
<b>540016</b>	1833060950	3/8"	7' 11" (95")	.025"	6	<b>WEB</b>
<b>540015</b>	1533040950	3/8"	7' 11" (95")	.025"	4	<b>WEB</b>
<b>540082</b>	1534040950	1/2"	7' 11" (95")	.025"	4	<b>WEB</b>

### Powermatic 14"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>540551</b>	1532040994	1/4"	8' 3-1/2" (99-1/2")	.025"	4	<b>WEB</b>
<b>540618</b>	1533040994	3/8"	8' 3-1/2" (99-1/2")	.025"	4	<b>WEB</b>

### Delta 14"/Vega 14"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>540980</b>	1532041050	1/4"	8' 9" (105")	.025"	4	<b>WEB</b>
<b>540982</b>	1533041050	3/8"	8' 9" (105")	.025"	4	<b>WEB</b>
<b>540984</b>	1534041050	1/2"	8' 9" (105")	.025"	4	<b>WEB</b>

### Laguna 14"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>540995</b>	1832041150	1/4"	9' 7" (115")	.025"	4	<b>WEB</b>
<b>540996</b>	1833041150	3/8"	9' 7" (115")	.025"	4	<b>WEB</b>
<b>540997</b>	1834041150	1/2"	9' 7" (115")	.025"	4	<b>WEB</b>

### Jet 14" JWBS14-XFS

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>541011</b>	1832041160	1/4"	9' 8" (116")	.025"	4	<b>WEB</b>
<b>541012</b>	1833041160	3/8"	9' 8" (116")	.025"	4	<b>WEB</b>
<b>541013</b>	1834041160	1/2"	9' 8" (116")	.025"	4	<b>WEB</b>

### Jet 16" JWBS16

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>513872</b>	FB10423DB	3/16"	10' 3" (123")	.025"	4	<b>WEB</b>
<b>541016</b>	1532041230	1/4"	10' 3" (123")	.025"	4	<b>WEB</b>
<b>541017</b>	1533041230	3/8"	10' 3" (123")	.025"	4	<b>WEB</b>

### Jet 18" JWBS-18

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>541262</b>	1532041330	1/4"	11' 1" (133")	.025"	4	<b>WEB</b>
<b>541264</b>	1832061330	1/4"	11' 1" (133")	.025"	6	<b>WEB</b>
<b>541266</b>	1533041330	3/8"	11' 1" (133")	.025"	4	<b>WEB</b>
<b>541267</b>	1833061330	3/8"	11' 1" (133")	.025"	6	<b>WEB</b>
<b>541268</b>	1534041330	1/2"	11' 1" (133")	.025"	4	<b>WEB</b>

### Delta 18"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>541271</b>	1532041360	1/4"	11' 4" (136")	.025"	4	<b>WEB</b>
<b>541272</b>	1533041360	3/8"	11' 4" (136")	.025"	4	<b>WEB</b>
<b>541273</b>	1534041360	1/2"	11' 4" (136")	.025"	4	<b>WEB</b>

### Jet 18" JWBS-18X

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>541274</b>	1532041370	1/4"	11' 5" (137")	.025"	4	<b>WEB</b>
<b>541275</b>	1533041370	3/8"	11' 5" (137")	.025"	4	<b>WEB</b>
<b>541276</b>	1534041370	1/2"	11' 5" (137")	.025"	4	<b>WEB</b>

### Powermatic 20"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>541489</b>	1532041390	1/4"	11' 7" (139")	.025"	4	<b>WEB</b>
<b>541556</b>	1533041390	3/8"	11' 7" (139")	.025"	4	<b>WEB</b>
<b>541623</b>	1534041390	1/2"	11' 7" (139")	.025"	4	<b>WEB</b>

### Delta older 20"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>513873</b>	FB10441DB	3/16"	11' 9" (141")	.025"	4	<b>WEB</b>
<b>541690</b>	1532041410	1/4"	11' 9" (141")	.025"	4	<b>WEB</b>
<b>541693</b>	1832061410	1/4"	11' 9" (141")	.025"	6	<b>WEB</b>
<b>541757</b>	1533041410	3/8"	11' 9" (141")	.025"	4	<b>WEB</b>
<b>541758</b>	1833061410	3/8"	11' 9" (141")	.025"	6	<b>WEB</b>
<b>541824</b>	1534041410	1/2"	11' 9" (141")	.025"	4	<b>WEB</b>
<b>542092</b>	1544031410	3/4"	11' 9" (141")	.032"	3	<b>WEB</b>

### J-line 20"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>542159</b>	1532041480	1/4"	12' 4" (148")	.025"	4	<b>WEB</b>
<b>542226</b>	1533041480	3/8"	12' 4" (148")	.025"	4	<b>WEB</b>
<b>542293</b>	1534041480	1/2"	12' 4" (148")	.025"	4	<b>WEB</b>

### Delta 20" 28-651 to 28-665 & Powermatic 81 & 87

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>513874</b>	FB10450DB	3/16"	12' 6" (150")	.025"	4	<b>WEB</b>
<b>542427</b>	1532041500	1/4"	12' 6" (150")	.025"	4	<b>WEB</b>
<b>542430</b>	1832061500	1/4"	12' 6" (150")	.025"	6	<b>WEB</b>
<b>542494</b>	1533041500	3/8"	12' 6" (150")	.025"	4	<b>WEB</b>
<b>542495</b>	1833061500	3/8"	12' 6" (150")	.025"	6	<b>WEB</b>
<b>542561</b>	1534041500	1/2"	12' 6" (150")	.032"	4	<b>WEB</b>
<b>542829</b>	1544031500	3/4"	12' 6" (150")	.025"	3	<b>WEB</b>

### Powermatic 15"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>542971</b>	1832061530	1/4"	12' 9" (153")	.025"	6	<b>WEB</b>
<b>542972</b>	1832041530	1/4"	12' 9" (153")	.025"	4	<b>WEB</b>
<b>542973</b>	1833061530	3/8"	12' 9" (153")	.025"	6	<b>WEB</b>
<b>542974</b>	1833041530	3/8"	12' 9" (153")	.025"	4	<b>WEB</b>
<b>542975</b>	1834041530	1/2"	12' 9" (153")	.025"	4	<b>WEB</b>
<b>542976</b>	1844031530	3/4"	12' 9" (153")	.032"	3	<b>WEB</b>

### Delta 20" 28-640 & 28-641

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>543236</b>	1532041564	1/4"	13' 1/2" (156-1/2")	.025"	4	<b>WEB</b>
<b>543237</b>	1832061564	1/4"	13' 1/2" (156-1/2")	.025"	6	<b>WEB</b>
<b>543238</b>	1533041564	3/8"	13' 1/2" (156-1/2")	.025"	4	<b>WEB</b>
<b>543234</b>	1833061564	3/8"	13' 1/2" (156-1/2")	.025"	6	<b>WEB</b>
<b>543239</b>	1534041564	1/2"	13' 1/2" (156-1/2")	.025"	4	<b>WEB</b>

### Powermatic 20" 2013

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>543251</b>	1532041584	1/4"	13' 2-1/2" (158-1/2")	.025"	4	<b>WEB</b>
<b>543252</b>	1832061584	1/4"	13' 2-1/2" (158-1/2")	.025"	6	<b>WEB</b>
<b>543253</b>	1833041584	3/8"	13' 2-1/2" (158-1/2")	.025"	4	<b>WEB</b>
<b>543256</b>	1833061584	3/8"	13' 2-1/2" (158-1/2")	.025"	6	<b>WEB</b>
<b>543254</b>	1534041584	1/2"	13' 2-1/2" (158-1/2")	.025"	4	<b>WEB</b>
<b>543255</b>	1544031584	3/4"	13' 2-1/2" (158-1/2")	.032"	3	<b>WEB</b>

### Powermatic 18" PM1800

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>543101</b>	1832041600	1/4"	13' 4" (160")	.025"	4	<b>WEB</b>
<b>543102</b>	1832061600	1/4"	13' 4" (160")	.025"	6	<b>WEB</b>
<b>543103</b>	1833041600	3/8"	13' 4" (160")	.025"	4	<b>WEB</b>
<b>543107</b>	1833061600	3/8"	13' 4" (160")	.025"	6	<b>WEB</b>
<b>543104</b>	1834041600	1/2"	13' 4" (160")	.025"	4	<b>WEB</b>
<b>543105</b>	1844031600	3/4"	13' 4" (160")	.032"	3	<b>WEB</b>

### Powermatic 24" 2415

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>543265</b>	1532041804	1/4"	15' 1/2" (180-1/2")	.025"	4	<b>WEB</b>
<b>543266</b>	1832061804	1/4"	15' 1/2" (180-1/2")	.025"	6	<b>WEB</b>
<b>543267</b>	1533041804	3/8"	15' 1/2" (180-1/2")	.025"	4	<b>WEB</b>
<b>543268</b>	1534041804	1/2"	15' 1/2" (180-1/2")	.025"	4	<b>WEB</b>

### Powermatic 24" PM2415B

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>543270</b>	1832041830	1/4"	15' 3" (183")	.025"	4	<b>WEB</b>
<b>543271</b>	1832061830	1/4"	15' 3" (183")	.025"	6	<b>WEB</b>
<b>543272</b>	1833041830	3/8"	15' 3" (183")	.025"	4	<b>WEB</b>
<b>543273</b>	1834041830	1/2"	15' 3" (183")	.025"	4	<b>WEB</b>
<b>543274</b>	1834031830	3/4"	15' 3" (183")	.032"	3	<b>WEB</b>

## Metal-cutting Band Saw Blades

**MORSE** 10, 14, 18 tooth are raker set w/hard edge & flex back.

**Priced per individual blade.**

### Wells 57

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>537804</b>	1634100640	1/2"	5' 4" (64")	.025"	10	<b>WEB</b>
<b>537871</b>	1634140640	1/2"	5' 4" (64")	.025"	14	<b>WEB</b>
<b>537938</b>	1634180640	1/2"	5' 4" (64")	.025"	18	<b>WEB</b>

### Delta 4" x 6"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>537940</b>	1634100644	1/2"	5' 4-1/2" (64-1/2")	.025"	10	<b>WEB</b>
<b>537941</b>	1634140644	1/2"	5' 4-1/2" (64-1/2")	.025"	14	<b>WEB</b>
<b>537942</b>	1634180644	1/2"	5' 4-1/2" (64-1/2")	.025"	18	<b>WEB</b>

### Kalamazoo 610 & 7AD

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538742</b>	1634100890	1/2"	7' 5" (89")	.025"	10	<b>WEB</b>
<b>538809</b>	1634140890	1/2"	7' 5" (89")	.025"	14	<b>WEB</b>
<b>538876</b>	1634180890	1/2"	7' 5" (89")	.025"	18	<b>WEB</b>

### Wells 58B

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539077</b>	1634100930	1/2"	7' 9" (93")	.025"	10	<b>WEB</b>
<b>539144</b>	1634140930	1/2"	7' 9" (93")	.025"	14	<b>WEB</b>
<b>539211</b>	1634180930	1/2"	7' 9" (93")	.025"	18	<b>WEB</b>

### Jet HVBS-7MW

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539220</b>	1644100930	3/4"	7' 9" (93")	.032"	10	<b>WEB</b>
<b>539221</b>	1644140930	3/4"	7' 9" (93")	.032"	14	<b>WEB</b>
<b>539222</b>	1644180930	3/4"	7' 9" (93")	.032"	18	<b>WEB</b>

### Delta 14"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539283</b>	1632100934	1/4"	7' 9-1/2" (93-1/2")	.025"	10	<b>WEB</b>
<b>539284</b>	1632140934	1/4"	7' 9-1/2" (93-1/2")	.025"	14	<b>WEB</b>
<b>539479</b>	1634100934	1/2"	7' 9-1/2" (93-1/2")	.025"	10	<b>WEB</b>
<b>539546</b>	1634140934	1/2"	7' 9-1/2" (93-1/2")	.025"	14	<b>WEB</b>
<b>539613</b>	1634180934	1/2"	7' 9-1/2" (93-1/2")	.025"	18	<b>WEB</b>

### Powermatic 14"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539952</b>	1632140950	1/4"	7' 11" (95")	.025"	14	<b>WEB</b>
<b>539953</b>	1632180950	1/4"	7' 11" (95")	.025"	18	<b>WEB</b>
<b>540018</b>	1633140950	3/8"	7' 11" (95")	.025"	14	<b>WEB</b>
<b>540149</b>	1634100950	1/2"	7' 11" (95")	.025"	10	<b>WEB</b>
<b>540216</b>	1634140950	1/2"	7' 11" (95")	.025"	14	<b>WEB</b>
<b>540283</b>	1634180950	1/2"	7' 11" (95")	.025"	18	<b>WEB</b>
<b>540355</b>	1644140950	3/4"	7' 11" (95")	.032"	14	<b>WEB</b>

### Delta 20"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>541891</b>	1634101410	1/2"	11' 9" (141")	.025"	10	<b>WEB</b>
<b>541958</b>	1634141410	1/2"	11' 9" (141")	.025"	14	<b>WEB</b>
<b>542025</b>	1634181410	1/2"	11' 9" (141")	.025"	18	<b>WEB</b>
<b>542432</b>	1632101500	1/4"	12' 6" (150")	.025"	10	<b>WEB</b>
<b>542433</b>	1632141500	1/4"	12' 6" (150")	.025"	14	<b>WEB</b>
<b>542434</b>	1632181500	1/4"	12' 6" (150")	.025"	18	<b>WEB</b>
<b>542496</b>	1633101500	3/8"	12' 6" (150")	.025"	10	<b>WEB</b>
<b>542497</b>	1633141500	3/8"	12' 6" (150")	.025"	14	<b>WEB</b>
<b>542628</b>	1634101500	1/2"	12' 6" (150")	.025"	10	<b>WEB</b>
<b>542695</b>	1634141500	1/2"	12' 6" (150")	.025"	14	<b>WEB</b>
<b>542762</b>	1634181500	1/2"	12' 6" (150")	.025"	18	<b>WEB</b>

### Powermatic 20"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>543097</b>	1634101510	1/2"	12' 7" (151")	.025"	10	<b>WEB</b>
<b>543164</b>	1634141510	1/2"	12' 7" (151")	.025"	14	<b>WEB</b>
<b>543231</b>	1634181510	1/2"	12' 7" (151")	.025"	18	<b>WEB</b>

## SCROLL SAWS



### Rockwell BladeRunner™ X2 Portable Saw

**Rockwell** The all-new X2 features increased portability and versatility, making this portable tabletop saw a must have for any project. Perform rip, scroll, miter and inside cuts, just by changing out the blades. It boasts a smaller, more compact size, but also features a larger rip fence, hold-down guard and splitter for improved control and wider cuts. The built-in tabletop handle makes transport easy.

Blade 4" T-shank. Stroke 3/4". Table 15-3/4" x 17".

**Includes** miter gauge, rip fence, Allen key and 5 blades.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>693866</b>	RK7323	120	5.5	3,000	<b>WEB</b>



### Shop Fox 16" VS Scroll Saw

**Shop Fox** More than the average scroll saw, this model packs in many more features for ease-of-use. A foot pedal controls the motor for variable speed in any scroll saw application. The flexible shaft allows for attachment of any rotary tool.

Blade 5-1/4" pin-end. Stroke 9/16".

Table tilt -5° - 45°L

**Includes** blade, pinless blade adapter, miter gauge and 1-1/2" dust port adapter.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>785666</b>	W1872	120	0.6	550-1,600	<b>WEB</b>



### General Intl 16" VS Scroll Saw

**General Intl.** Variable speed scroll saw offers versatility and functionality for artful and intricate cuts. The Flex Neck LED lighting system allows you to illuminate the work material where you want it. Saw dust blower keeps the cut line clear.

Easy-access motor brushes. Top-mounted tensioner knob, and up-front cutting speed dial. Side storage compartment for spare blades and wrenches.

Blade 5" pin/plain-end. Stroke 5/8". Table tilt 0-45°L.

**Includes** 2 pin-end blades, 3 mm T-style hex key and 4 mm hex key.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>420935</b>	BT8007	120	1.2	400-1,600	<b>WEB</b>



### Rockwell 16" VS Scroll Saw

**Rockwell** This lightweight saw is easy to move around and features a variety of angle adjustment options, making it a great choice for woodworkers. Comes equipped with a dust port and dust blower to keep your work area clean and safe. On-board storage prevents blades from getting lost or damaged.

Blade 5" pin-end. Stroke 4/5". Table tilt 0-45°L.

**Includes** blade guard, blade holder, Allen key and 2 blades.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>693860</b>	RK7315	120	1.2	500-1,700	<b>WEB</b>





### Skil 16" VS Scroll Saw w/Light

**SKIL** An ideal addition to any benchtop workshop, this scroll saw has the right features for the beginning and intermediate woodworker to make intricate cuts and patterns. Integrated dust removal system keeps cutline free of debris. Articulating LED worklight ensures that the work piece is clearly lit.

Blade 5" pin-end. Stroke 7/8". Table 16" x 10", tilt 0-45°L.

**Includes** 2 blades.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>260295</b>	3335-07	120	1.2	500-1,700	<b>WEB</b>



### Jet 18" Scroll Saw

**JET** A quick and easy blade change process has an upper mechanism that clamps and tensions the blade in one step. Toolless lower blade holder can be removed and the table has a slot for the blade. Has an 18" throat capacity and an arm that tilts 45° right and 30° left.

Blade 5" plain-end. Stroke 3/4". Table 11-5/8" x 21-1/4", arm tilt 45°R; 30°L.

**Includes** 5 blades, material hold down, extra lower blade holder and on-board dust blower.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>486063</b>	JWSS-18B	120	1.3	400-1,550	<b>WEB</b>



### Hegner 18" VS Scroll Saw

**Hegner** The 18V Multimax is compact, quiet, precise and versatile. It features a large, precision ground, dual tilt, slotted saw table with machined hole for a replaceable metal or plastic insert around the saw blade. The Sawdust

Management System provides the choice of either blowing sawdust off the cutting line, drawing the sawdust into a separate dust collection device, or using a combination of both.

Blade 5" plain-end. Stroke .40/.70. Table 17" x 9", tilt 45°L, 12°R.

**Includes** wrenches, 76-blade assortment, Tommy bar, blade clamps and 2 replacement rollers.

Stk.	Mfr.	Volts	RPM	Price
<b>194510</b>	M18-V	120	400-1,700	<b>WEB</b>



### Delta 20" VS Scroll Saw

**DELTA** The large, cast-iron table provides excellent material support, beveling 0°-45° left and right. The unique dual parallel-link arm design reduces vibration, noise and keeps

the blade perpendicular to the work surface. Single lever, tool-free blade tensioning allows for quickly adjusting the blade to the proper tension, which maximizes blade life and accuracy.

Blade 5" plain-end. Stroke 3/4". Table 16" x 24", tilt 45°R/L.

**Includes** 2 blades.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>741239</b>	40-694	120	1.3	400-1,750	<b>WEB</b>

### Delta Scroll Saw Stand

**DELTA** Heavy-duty, all-steel stand with adjustable rear leg. For use with Delta Scroll Saws Mfr. 40-694 & 40-695.

Size 19"W x 29"D x 39"H.

Stk.	Mfr.	Price
<b>741241</b>	40-696	<b>WEB</b>



### DeWalt 20" VS Scroll Saw

**DEWALT** Saw operates quietly and smoothly for accuracy. Tool-free clamp allows for quick and easy blade changes. Oversized, cast-iron table provides excellent material support. On-

off switch, VS control, flexible dust blower, and blade-tensioning lever are all located on the front upper arm.

Blade 5" plain-end. Stroke 3/4". Table 16" x 23-3/4", tilt 45° L/R.

**Includes** hex wrench and blades.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>243090</b>	DW788	120	1.3	400-1,750	<b>WEB</b>

### DeWalt Scroll Saw Light

**DEWALT** Flexible neck for easy positioning. 25 watt bulb included. De-Walt 20" VS Scroll Saw Stk. **243115**.

Stk.	Mfr.	Price
<b>243116</b>	DW7881	<b>WEB</b>

### DeWalt Scroll Saw Stand

**DEWALT** All metal construction with adjustable legs. Fits DeWalt 20" VS Scroll Saw Stk. **243115**.

Stk.	Mfr.	Price
<b>243115</b>	DW7880	<b>WEB</b>



### Hegner 20" VS Scroll Saw

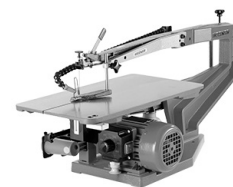
**Hegner** The Polycut 3 is has the heaviest construction and the fastest, most powerful cutting action of any Hegner model. It features a heavy cast iron base and frame for smooth, vibration free running. The 4-speed belt drive system and two stroke lengths provide 8 possible

operating permutations for all types and thicknesses of material. Fitted with Hegner's most powerful 180 watt motor and no-volt/overload switchgear.

Blade 5" plain-end. Stroke .40/.70. Table 19" x 10", tilt 45°L.

**Includes** stand, 76-blade assortment, wrenches, plastic table insert, Tommy bar and clamps.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>554150</b>	P3	120	3.2	700/1,100/1,270/1,600	<b>WEB</b>



### Hegner 22" Multimax VS Scroll Saw

**Hegner** Change blades fast and make inside cuts easy with a fully slotted table. Parallel arm design for true vertical workpiece edges and minimal blade friction. Semi-orbital blade movement makes smooth edges and knife-edged blade clamps for long blade life. Built-in bellows

system to keep sawdust away from pattern line. Oversized induction motor for trouble-free reliability.

Blade 5" plain-end. Stroke .40/.70. Table 17" x 9", tilt 45°L, 12°R.

**Includes** 2 blade clamps, 2 Tuffscrews, Tuffwrench, 2 table inserts (1 metal, 1 plastic) and 76 blade assortment.

Stk.	Mfr.	Volts	RPM	Price
<b>194512</b>	M22-V	120	400-1,700	<b>WEB</b>

### Hegner Scroll Saw Stand

**Hegner** Powder coated three-legged steel welded stand. For scroll saw models M18-V & M22-V. 34-1/2"H.

Stk.	Mfr.	Price
<b>194514</b>	M2ST	<b>WEB</b>



### JET 22" VS Scroll Saw with Foot Switch

**J E T** The exclusive upper mechanism clamps and tensions the blade in one step, and the tool-less lower blade holder is removable. The table is slotted for easy blade changes. Top lift, spring loaded arm raises 10" and stays up until pulled back down.

Blade 5" plain-end. Stroke 3/4". Table 12-2/3" x 23". Arm tilt 45°R, 40°L.

**Includes** material hold down, on-board dust blower and foot switch.

Stk.	Mfr.	Volts	Amps	SPM	Price
<b>486060</b>	JWSS-22	120	1.3	400-1,550	<b>WEB</b>



### Universal Benchtop Machine Table

**J E T** Sturdy table is made from steel with a solid top. Adjustable table height (30" to 35") for using machines at the optimal height. Holes in the bottom frame allow users to cut their own shelves for added storage. 20"D x 29"L top. 400 lb. capacity.

Stk.	Mfr.	Price
<b>618519</b>	728100	<b>WEB</b>



### Universal Tool Table

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>

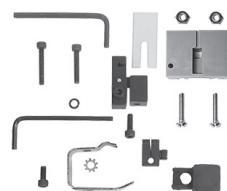


### Tool Table & Universal Stand

**Shop Fox** This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
<b>785720</b>	D3640	<b>WEB</b>



### Scroll Saw Conversion Kit

**Olson** Convert a 16" scroll saw to accept plain end blades with this kit. Less common, this kit allows plain end blades to be converted into pin end blades. All the hardware and hex wrenches you'll need for installation are included.

Stk.	Mfr.	Price
<b>613772</b>	AC49610	<b>WEB</b>



### Scroll Saw Blade Clamp

**Hegner** For Hegner scroll saws.

Stk.	Mfr.	Size	Qty.	Price
<b>194530</b>	CL0.5	0.5mm (for blade size 5 or less)	2	<b>WEB</b>
<b>194531</b>	CL0.7	0.7mm (for blade size 5-9)	2	<b>WEB</b>



### Scroll Saw Tuffscrew

**Hegner** Blade clamp replacement screw for Hegner blade clamps.

Stk.	Mfr.	Price
<b>194532</b>	HTS	<b>WEB</b>



### Scroll Saw Tuffwrench

**Hegner** For use with Hegner TuffScrew (194532) for fastening saw blades in blade clamps.

Stk.	Mfr.	Price
<b>194533</b>	HTWN	<b>WEB</b>



### Saw Blade Lubricant Stick

**Olson** Prolong blade life & produce smoother, quicker cuts. Wax stick keeps metal, plastic & wood-cutting blades from clogging due to chips or pitch. Use on all power & hand-held cutting tool blades including scroll, circular, hack & jeweler's saw blades.

Stk.	Mfr.	Size	Price
<b>613750</b>	AC70010	8"L x 1" dia.	<b>WEB</b>



### Magnetic Work Light

**DELTA** Powerful magnetic base adheres to any steel surface to provide extra light in hard-to-reach areas. Flexible 14" arm may be positioned in a variety of ways. Extra-long 8' cord. Uses up to 40-watt track light bulb (not included).

Stk.	Mfr.	Price
<b>724371</b>	25-870	<b>WEB</b>



### Magnetic Light

**Carter** The Limber Light™ is a small cable free LED task light with a magnetic base. Place it anywhere you need additional illumination.

**Includes** pre-installed batteries and 3 extra batteries.

Stk.	Mfr.	Price
<b>291760</b>	LMBR01	<b>WEB</b>



### Spiral Plain & Flat End Blades

**Olson** Blades have a 360° cutting capability. Excellent for 0° radius scroll/fret work - you never have to turn the workpiece. For cutting wood, plastic, wax, nonferrous metals, plaster, bone, horn, etc. Use in power scroll saws and hand-held fret and jeweler's saw frames. Made of high-carbon steel, hardened and tempered.

**Flat End** Medium speed and medium rough finish cutting of hard and soft wood, plaster and wallboard.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613778</b>	468DZ	5"	.035"	spiral	41	12	<b>WEB</b>
<b>613779</b>	469DZ	5"	.041"	spiral	36	12	<b>WEB</b>

**Plain End** Finer, more intricate cutting in thin wood, plastic, wax, plaster, etc. to 1/4".

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613820</b>	461DZ	5"	.032"	spiral	46	12	<b>WEB</b>

**Plain End** Medium speed and medium rough finish cutting of hard and soft wood, plaster and wallboard.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613821</b>	463DZ	5"	.035"	spiral	41	12	<b>WEB</b>
<b>613822</b>	465DZ	5"	.041"	spiral	36	12	<b>WEB</b>

**Plain End** Faster cutting of hard/soft wood and plastic 1/4" or thicker.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613823</b>	467DZ	5"	.051"	spiral	30	12	<b>WEB</b>

### Skip Tooth Plain End Saw Blades

**Olson** For hand or machine sawing of wood, plastic and fibrous materials. Skip tooth blades cut fast, provide good chip clearance and smooth finishes.

For extremely intricate sawing. Excellent for veining, line art and thin cuts in material 1/16" to 1/4". Great for wood veneer, plastic, hard rubber, metal, etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613773</b>	440DZ	5"	.022"	.010"	28	12	<b>WEB</b>
<b>613774</b>	443DZ	5"	.029"	.012"	20	12	<b>WEB</b>

For tight radius work in thin materials 3/32" to 1/2" wood veneer, wood, bone, fiber, plastic, metal etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613775</b>	446DZ	5"	.038"	.016"	12.5	12	<b>WEB</b>

For close radius cutting in materials 1/8" or thicker. Great for sawing hard and soft wood, bone, horn, plastic, etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613776</b>	448DZ	5"	.045"	.017"	11.5	12	<b>WEB</b>

For cutting hard and soft woods 3/16" up to 2". Also cuts plastic, paper, felt, bone, etc. Smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613833</b>	450DZ	5"	.053"	.018"	11.5	12	<b>WEB</b>
<b>613777</b>	453DZ	5"	.062"	.024"	9.5	12	<b>WEB</b>

Wood, plastic, for extremely thin cuts on material 3/32" to 1/2" thick. Medium smooth finish.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613834</b>	424DZ	5"	.070"	.010"	18.5	12	<b>WEB</b>

**36-Piece Blade Set** 12 ea. of 443DZ, 446DZ, 448DZ.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613835</b>	49400	5"					<b>WEB</b>

### Skip Tooth Plain End Blades

**Hegner** Traditional skip tooth design for woods & plastics. Consistent tooth structure, even sizing, long life and superior sharpness.

**Materials up to 1/4"**

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>194505</b>	PB01	5"	.026"	.012"	25	12	<b>WEB</b>

**Materials up to 1/2"**

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>194507</b>	PB02	5"	.028"	.013"	23	12	<b>WEB</b>
<b>194570</b>	PB03	5"	.032"	.013"	20	12	<b>WEB</b>

**Materials up to 3/4"**

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>194569</b>	PB04	5"	.035"	.014"	16	12	<b>WEB</b>
<b>194572</b>	PB05	5"	.039"	.015"	16	12	<b>WEB</b>

**Materials up to 1"**

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>194573</b>	PB06	5"	.043"	.017"	15	12	<b>WEB</b>
<b>194574</b>	PB07	5"	.045"	.018"	14	12	<b>WEB</b>

**Materials up to 1-1/4"**

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>194576</b>	PB09	5"	.053"	.019"	14	12	<b>WEB</b>
<b>194577</b>	PB11	5"	.063"	.020"	12	12	<b>WEB</b>

### Double Tooth Plain End Blades

**Olson** These blades have 2 teeth together followed by a flat space for efficient chip removal. Double tooth blades cut fast, leaving clean edges in wood and plastic.

Extremely intricate sawing in material 1/16" - 1/4". For wood veneer, plastic, hard rubber, etc.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613755</b>	434DZ	5"	.026"	.013"	30	12	<b>WEB</b>

Tight radius work in thin materials 3/32" - 1/2" wood veneer, wood, bone, fiber, plastic, etc.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613756</b>	435DZ	5"	.032"	.014"	23	12	<b>WEB</b>

Close radius cutting in materials 1/8" or thicker. Great for sawing hard/soft wood, bone, horn, plastic, etc.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613757</b>	436DZ	5"	.038"	.016"	16	12	<b>WEB</b>

For cutting hard and soft woods 3/16" up to 2". Also cuts plastic, paper, felt, bone, etc.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613758</b>	437DZ	5"	.044"	.018"	13	12	<b>WEB</b>
<b>613759</b>	438DZ	5"	.053"	.018"	11	12	<b>WEB</b>
<b>613760</b>	439DZ	5"	.061"	.022"	10	12	<b>WEB</b>

**36-Piece Blade Set** 12 ea. of 435DZ, 436DZ, 438DZ.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613838</b>	49300	5"					<b>WEB</b>

### 5" & 6" Regular Tooth Plain End

**Olson** Ideal for use in spring tension scroll saws such as Delta 24", Powermatic 24", Sprunger, Shopsmith and imported spring tension scroll saws. The .100" and narrower width blades can also be used in parallel and C-arm scroll saws.

Wallboard, pressed wood, wood, felt, paper, bone, lead. Medium smooth finish.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613800</b>	411DZ	5"	.100"	.022"	15	12	<b>WEB</b>
<b>613796</b>	411GR	5"	.100"	.022"	15	144	<b>WEB</b>
<b>613788</b>	411-6DZ	6"	.100"	.022"	15	12	<b>WEB</b>
<b>613785</b>	411-6GR	6"	.100"	.022"	15	144	<b>WEB</b>

Hard/soft wood from 1/4" to 3/4" in thickness & plastic. Medium finish.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613801</b>	412DZ	5"	.100"	.022"	10	12	<b>WEB</b>
<b>613797</b>	412GR	5"	.100"	.022"	10	144	<b>WEB</b>
<b>613804</b>	413DZ	5"	.187"	.025"	10	12	<b>WEB</b>
<b>613798</b>	413GR	5"	.187"	.025"	10	144	<b>WEB</b>
<b>613802</b>	414DZ	5"	.250"	.028"	7	12	<b>WEB</b>
<b>613799</b>	414GR	5"	.250"	.028"	7	144	<b>WEB</b>
<b>613789</b>	412-6DZ	6"	.100"	.022"	10	12	<b>WEB</b>
<b>613787</b>	413-6DZ	6"	.187"	.025"	10	12	<b>WEB</b>

Hard/soft wood from 3/32" to 1/4" T. Medium smooth finish.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613803</b>	405DZ	5"	.100"	.022"	20	12	<b>WEB</b>

### Reverse Skip Tooth PGT® Blades



**Olson** Precision Ground Tooth (PGT) blades w/razor sharp teeth cut faster, smoother, accurate straight & radius cuts. Widely spaced tooth gullets minimize burning & provide rapid chip removal. Finest carbon steel for strength, durability & long blade life. Plain end.

Steady, close radius cutting in materials 3/16" or thicker. For soft wood.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613817</b>	45502	5"	.018"	.044"	12	6	<b>WEB</b>

Steady, close radius cutting in materials 1/4" or thicker. For soft & hardwood.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613818</b>	45702	5"	.018"	.046"	10	6	<b>WEB</b>

Fast, close radius cutting in materials 1/2" or thicker. Best for hardwood.

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613819</b>	45902	5"	.018"	.048"	8	6	<b>WEB</b>

### Reverse Skip Tooth Plain End



**Olson** For smooth, splinter-free finish on top & bottom. Excellent blade for eliminating tear-out on birch & maple plywood.

Fret sawing hardwood to 1/2" & soft wood to 3/4".

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613780</b>	446RDZ	5"	.038"	.016"	12.5	12	<b>WEB</b>

Fret sawing hardwood to 3/4" & soft wood to 1-1/2".

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613782</b>	448RDZ	5"	.045"	.017"	11.5	12	<b>WEB</b>

Fret sawing hardwood to 1-1/2" & soft wood to 2".

Stk.	Mfr.	Length	Width	Thickness	TPI	Qty.	Price
<b>613784</b>	453RDZ	5"	.062"	.024"	9.5	12	<b>WEB</b>

### Plain End Blade Assortment



**Olson** 36-piece set. Plain end.

**Includes** Spiral 5"L, .035"T, 41 TPI, 12/pkg., Skip Tooth 5"L x .045"W, .017"T, 11.5 TPI, 12/pkg., Reverse Skip Tooth 5"L x .038"W, .016"T, 12.5/9 TPI reverse, 12/pkg.

Stk.	Mfr.	Price
<b>613828</b>	49604	<b>WEB</b>

### Regular, Reverse & Skip Tooth Pin End



**Olson** For Sears Craftsman, Penn State, Delta, Ryobi & all 15" & 16" imported saws.

**Skip Tooth** Cuts in wood, plastic & extremely thin cuts in material 3/32" to 1/2"T.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613786</b>	424PDZ	5"	.070"	.010"	18.5	12	<b>WEB</b>
<b>613832</b>	424PGR	5"	.070"	.010"	18.5	144	<b>WEB</b>

**Reverse Tooth** For smooth, splinter-free finish on top and bottom sides. For hard/soft wood, plywood, etc. 1/4"T.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613813</b>	420RPDZ	5"	.100"	.018"	9/5 rev	12	<b>WEB</b>
<b>613824</b>	420RPGR	5"	.100"	.018"	9/5 rev	144	<b>WEB</b>

**Regular Tooth** Cuts in wood, plastic & extremely thin cuts in material 3/32" to 1/2"T.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613830</b>	427PDZ	5"	.070"	.010"	2.5	12	<b>WEB</b>
<b>613831</b>	427PGR	5"	.070"	.010"	2.5	144	<b>WEB</b>

**Regular Tooth** Wallboard, pressed wood, wood, felt, paper, bone & lead.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613808</b>	411PDZ	5"	.100"	.018"	15	12	<b>WEB</b>
<b>613806</b>	411PGR	5"	.100"	.018"	15	144	<b>WEB</b>

**Regular Tooth** Cuts in hardwood, softwood & plastic.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613805</b>	405PDZ	5"	.100"	.018"	20	12	<b>WEB</b>
<b>613811</b>	405PGR	5"	.100"	.018"	20	144	<b>WEB</b>
<b>613809</b>	412PDZ	5"	.100"	.018"	10	12	<b>WEB</b>
<b>613807</b>	412PGR	5"	.100"	.018"	10	144	<b>WEB</b>

**18-Piece Assortment** 6 ea. of regular blades 411PDZ & 412PDZ, plus 6 of reverse skip tooth blade 424PDZ.

Stk.	Mfr.	Length	Width	Thick	TPI	Qty.	Price
<b>613829</b>	49501	5"					<b>WEB</b>

## RADIAL ARM SAWS



### 12" Contractor Duty Radial Arm Saw

**Original Saw** The Contractor Series radial arm saw is a workhorse with a TEFC motor and internal automatic brake and a durable powder coated finish. This industrial rated radial arm saw has the versatility to crosscut, bevel cut and miter cut. It's well suited for wood cutting up to a 3" depth of cut, as well as cutting 24"W panels for squaring shelving and doors

and other similar applications. Ideal for custom cabinet shops, schools, contractors, or anywhere smaller material is being cut off, miter cut, bevel cut, sized or dado work.

Capacity 3-1/16" at 90°, 1-1/4" at 45°, miter 16" at 45° with 1" stock, cross-cut 24" with 1" stock. Table size 25"L x 39"W x 31"H.

**Includes** adjustable cross cut stop, arbor nut and precision ground blade collars and wrench kit.

**Blade not included, sold separately.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>893100</b>	3512-01	220	3	1	<b>WEB</b>
<b>893101</b>	3512-03	208/230/460	3	3	<b>WEB</b>

893101|Please specify voltage.





## 14" Heavy Duty Radial Arm Saw

**Original Saw** The Heavy Duty Series is a precise machine made for the rigors of every day industrial use. Its versatility makes it well suited for use in custom cabinet shops, school tech departments and manufacturing. Perform straight cuts, bevel cuts, miter cuts and compound bevels, as well as swiveling to rip down panels. Square panels up to 24"W. Precision carriage rides on 8 wide-contact double

row ball bearings, automatic blade braking system, MDF top.

Capacity 4-1/8" at 90°, 1-3/4" at 45°, miter 10-7/8" at 45° with 1" stock, crosscut 16" with 1" stock. Table size 44"L x 34-1/2"W x 33"H.

**Includes** adjustable cross cut stop, arbor nut and precision ground blade collars and wrench kit.

**Blade not included, sold separately.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>893102</b>	3536-01	230	3	1	<b>WEB</b>
<b>893104</b>	3536-03	208/230/460	5	3	<b>WEB</b>

**893104** Please specify voltage.



## Stock Roller Stand

**Shop Fox** Four-point stand with single roller (13"W) provides stability for every wood processing job. Welded square steel construction, variable height adjustment and flat storage make this the roller stand of choice.

Height 24-1/2" to 42". Capacity 150 lbs.

Stk.	Mfr.	Price
<b>785790</b>	D4800	<b>WEB</b>



## Pedestal Roller Stand

**Port A Mate** Pedestal-style feed roller / support stand adjusts from 25.25" to 43.25"H. 1 1/2" polished steel ball bearing roller is smooth in operation and allows for easy material feeding for table saws, band saws, and more. Folds flat for easy storage and portability. Capacity 200 lbs.

Stk.	Mfr.	Price
<b>476508</b>	PM-5090	<b>WEB</b>

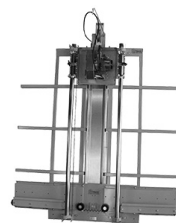


## Tri-Function Pedestal Roller Stand

**Port A Mate** Stand features a pivoting head for 3 types of support – it has a smooth, ball-bearing 1 1/4" roller, 6-ball multidirectional roller and a rigid stationary support. Quick pivot head allows for easy changes, making it an essential piece for your woodshop. Height adjusts from 26.5"-43.75". Tough powder coat finish, non-slip feet and a full 200 lb. capacity. Folds away for easy storage.

Stk.	Mfr.	Price
<b>476509</b>	PM-5093	<b>WEB</b>

# PANEL SAWS



## Panel Saws

### Saw Trax

The Classic Series was developed as a lower price point panel saw for an apples-to-apples comparison with the bare bones panel saws that are on the market. Models come in Compact frames with 52" and 64" cross cuts and Full Size frames with 52", 64" and 76" cross cuts. All models use the Makita 5007F saw.

**Includes** dust brush, 12' hose and hose coupler.

**Requires wall mount or panel stand, sold separately. Panels require 15" wall clearance with wall mount unit and 42" when used with folding stand.**

## Compact Series

Stk.	Mfr.	Volts	Amps	Crosscut	Size	Price
<b>771200</b>	C52C	120	15	52"	60"W x 79"H	<b>WEB</b>
<b>771202</b>	C64C	120	15	64"	60"W x 90"H	<b>WEB</b>

## Full Size Series

Stk.	Mfr.	Volts	Amps	Crosscut	Size	Price
<b>771220</b>	FS52C	120	15	52"	120"W x 79"H	<b>WEB</b>
<b>771222</b>	FS64C	120	15	64"	120"W x 90"H	<b>WEB</b>
<b>771224</b>	FS76C	120	15	76"	120"W x 101"H	<b>WEB</b>

## Panel Saw Wall Mount Kit

**Saw Trax** Basic and Classic series saws are ready to mount. All other series require the folding stand to be removed.

Stk.	Mfr.	Item	Price
<b>771230</b>	WMS	For Compact Series	<b>WEB</b>
<b>771231</b>	FWMS	For Full Size Series	<b>WEB</b>



## Panel Saw Folding Stand with Wheels

**Saw Trax** Add a folding stand to your Saw Trax Basic and Classic models.

**Includes** 2 legs, a cross brace, folding hinges for the holding stand and wheels.

Stk.	Mfr.	Price
<b>771235</b>	FSTNDWL	<b>WEB</b>



## 52" Panel Saw Kit

**Saw Trax** This kit offers the home shop or work shop an affordable means of sizing large sheets of material. You get the accuracy, convenience and quality of a commercial panel saw and panel router machine at a fraction of the price. Guide tubes, brackets and carriage with sealed steel bearing assembly are provided. You build your own frame.

Universal carriage accepts standard 7.25" circular saws.

**Includes** 1/8" wall steel guide tubes, universal carriage, guide tube support brackets and bolt kit.

Stk.	Mfr.	Price
<b>771190</b>	52KT	<b>WEB</b>



### Vertical Panel Saws

**Safety Speed Cut** Ideally suited for those looking for a full sized vertical panel saw at a very affordable price. H-series saws cut within 1/32" on a wide variety of panel materials up to 1-3/4" T. Features quick changes from vertical to horizontal cutting, thin material pressure guard, injection-molded plastic material rollers, spring loaded counter

balance system, integrated dust collection bonnet and 3-1/4 HP, 15 Amp industrial duty saw motor.

**Includes** saw frame, motor and counterbalance/counterweight.

**Shown with wheel kit, sold separately.**

Stk.	Mfr.	Volts	HP	Amps	Crosscut	Price
<b>770489</b>	H-4	120	3-1/4	13	50"L	<b>WEB</b>
<b>770490</b>	H-5	120	3-1/4	13	64"L	<b>WEB</b>

### Panel Saw Blades

#### Freud

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Price
<b>412207</b>	LU88R008	8"	3.5"	5/8"	48	<b>WEB</b>
<b>412229</b>	LU74R008	8"	3.5"	5/8"	64	<b>WEB</b>

### Hold-down Bars

#### Safety Speed Cut

Stk.	Mfr.	Item	Price
<b>770514</b>	H-440	For 50" saws C-4 & H-4	<b>WEB</b>
<b>770515</b>	H-550	For 64" saw H-5	<b>WEB</b>
<b>770579</b>	6440	For panel saw/routers 3400, 6400 & SR-5	<b>WEB</b>

### Panel Saw Wheel Kit

**Safety Speed Cut** For panel saws & saw/routers.

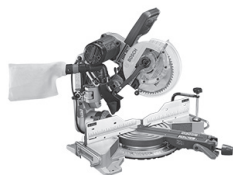
Stk.	Mfr.	Price
<b>770495</b>	H-10	<b>WEB</b>

### Panel Saw Stand

**Safety Speed Cut** Tripod clamps to machine with U bolts (no holes to drill) for a free-standing machine.

Stk.	Mfr.	Item	Price
<b>770510</b>	H-20	For 50" saws C-4 & H-4	<b>WEB</b>

## MITER SAWS



### Bosch 10" Dual Slide Compound Miter Saw

**BOSCH** Delivers accuracy and cutting control at all angles, as well as durable precision throughout the life of the tool. The innovative Axial-Glide System provides wider cross-cuts, enhanced alignment and smoother glide. Adjustable miter and bevel detents provide precise common miter and bevel cuts, and the override allows for easy angle adjustment.

justable miter and bevel detents provide precise common miter and bevel cuts, and the override allows for easy angle adjustment.

Miter 52° L, 60° R. Bevel 47° L/R. Weight 64 lbs.

**Includes** blade, wrench, work clamp, dust bag and vacuum adapter/elbow.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>258973</b>	CM10GD	10"	15	4,800	<b>WEB</b>



### DeWalt 10" Compound Miter Saw

**DeWalt** 15 Amp motor delivers 5,000 rpm for extended power and durability. It features a stainless-steel miter detent plate and turn knob lock that provide repeatable accuracy with easy adjustments. Tall sliding fences support 4-1/2" of crown molding vertically nested. The lightweight design and built-in carry handle allow for great portability.

Miter 52° L/R. Bevel 3° to -48° L. Weight 31 lbs.

**Includes** blade, wrench, dust bag and vertical clamp.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>242989</b>	DWS713	10"	15	5,000	<b>WEB</b>



### Festool 10-1/4" Dual Slide Compound Miter Saw

**Festool** Light in weight and heavy in features, the KAPEX is the ideal saw for the workshop or the jobsite. Effective dust extraction, precise cuts, easy adjustments, and quality components are some of the features that should make this saw the choice of

professional tradesmen. The rail forward design increases precision and prevents head play for accurate cuts. Easily align cuts from the left or right side using the dual lasers.

Miter 45° L/R. Bevel 45° L. Weight 50.93 lbs.

**Includes** blade, angle transfer device, hold down clamp and hex key.

Stk.	Mfr.	Blade	RPM	Price
<b>404645</b>	575306	10-1/4"	1,400-3,400	<b>WEB</b>



### JET 10" Dual Slide Compound Miter Saw

**J E T** The JET® dual bevel sliding compound miter saw will be the most versatile saw in your shop. Efficiently cut miters, bevels, straights, and compounds with precision and accuracy over a hand saw. A workhorse in your shop that is also portable enough to take with you when you need a great saw on the job. Change miter angles quickly with the single motion thumb lever. Ergonomic, D-shaped, ambidextrous, rubber grip handle for maximum control.

Miter 45° L/R. Bevel 45° L/R. Weight 47 lbs.

**Includes** dust bag, hold-down clamp assembly and hex wrenches.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>486100</b>	JMS-10X	10"	15	4,200	<b>WEB</b>



### Makita 10" Dual Slide Compound Miter Saw with Laser

**Makita** Combines capacity, accuracy and efficient dust extraction in a more compact size, with a unique 2-steel rail sliding system that offers a reduced footprint for operation flush against a wall. The innovative direct-drive gearbox and guard system is engineered for increased vertical cutting capacity of baseboard (5-1/4") and crown molding (6-5/8" nested). The electric brake provides added convenience.

Miter 60° L/R. Bevel 48° L/R. Weight 57.9 lbs.

**Includes** blade, vertical clamp, wrench, triangular ruler and dust bag.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>511425</b>	LS1019L	10"	15	3,200	<b>WEB</b>



### Metabo HPT 10" Compound Miter Saw with Laser Marker

**Metabo HPT** With its aggressive design, there is no doubt that this saw is designed for the professional. Laser Marker System for increased cutting accuracy. Horizontal handle with soft, vibration reducing grip adds comfort and control. Large table with pivoting flip fence. Carbon

brush access for extended tool life. Dust collector attachment.

Miter 52° L/R. Bevel 45° L. Weight 26.5 lbs.

**Includes** blade, pivoting flip fence, dust bag, vise assembly, wrenches and material support extension.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>616512</b>	C10FCH2SM	10"	15	5,000	<b>WEB</b>



### Metabo HPT 10" Compound Miter Saw

**Metabo HPT** The 15 Amp motor generates a no-load speed of 5,000 RPM for making crosscuts and miter cuts with ease. It is designed for woodworkers who demand precision, reliability and versatility on the job. Carbon brush access allows user replacement.

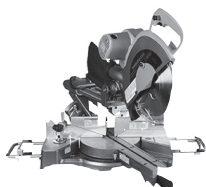
Large table with vice clamping system to secure work

piece. Thumb actuated positive stops and horizontal handle for a secure hold. Dust collector attachment.

Miter 52° L/R. Bevel 45° L. Weight 24.2 lbs.

**Includes** blade, dust bag, vise assembly, wrench and holder.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>616513</b>	C10FCGSM	10"	15	5,000	<b>WEB</b>



### Metabo HPT 10" Dual Slide Compound Miter Saw

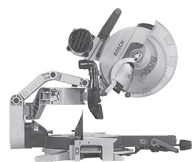
**Metabo HPT** Sliding dual compound miter saw with laser marker offers the ultimate in form and function for trim carpenters, framers and woodworkers. The positive stops on the miter and bevel scales make for easy-to-read measurements

and quick settings. The linear ball bearing slide system and white on black miter scale provide superior accuracy and visibility. Electronic speed control keeps RPM constant and unintended cuts are avoided with the electric brake feature.

Miter 45° L, 57° R. Bevel 45° L/R. Weight 45.9 lbs.

**Includes** blade, fence, wrench and dust bag.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>616515</b>	C10FSHSM	10"	12	3,800	<b>WEB</b>



### Bosch 12" Dual Slide Compound Miter Saw

**BOSCH** Axial-Glide offers wider cross-cuts, enhanced alignment and smooth glide for the life of the tool. The 15 Amp motor delivers quick, accurate cuts in many materials. For added convenience and

versatility, the saw is compatible with a variety of 12" blades and it has a clear lower guard for cut-line visibility. The all-metal bevel lock lever and range selector are located up front to make bevel adjustments easy.

Miter 52° L, 60° R. Bevel 47° L/R. Weight 65 lbs.

**Includes** blade, wrench, vertical work clamp, dust bag/assembly and vacuum adapter elbow.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>258907</b>	GCM12SD	12"	15	3,800	<b>WEB</b>



### Delta 12" Dual Bevel Sliding Cruiser Miter Saw

**DELTA** Features military-grade aluminum frame members with heavy duty bearings for superb cutting with unsurpassed accuracy, smoothness, and durability. Wide, sliding fence supports crown molding for up to 7-1/2" vertically nested

and 6-1/2" of base molding. SHADOWLINE™ LED cut alignment system displays a precise cut line with no demand for readjustment. Provides 60° right, and 50° left angles with positive stops at the most common miter positions.

Miter 45° L/R 9.25". Bevel 45° L/R. Weight 57 lbs.

**Includes** wrench, work clamp, dust bag and 2 support extensions.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>420709</b>	26-2251	12"	15	4,000	<b>WEB</b>



### DeWalt 12" Dual Bevel Compound Miter Saw

**DeWalt** Double-Bevel miter saw is powered by a 15 Amp motor that drives 3,800 rpm to deliver extended power and durability. It features a stainless-steel miter detent plate with 14 positive stops and cam miter locking system that provides repeatable accuracy and easy adjustments. Tall sliding fences support 6-1/2" of base

molding vertically and 6-5/8" of crown molding vertically nested. High-efficiency dust duct is concentrated at the point of cut for maximum collection. Built-in carry handle provide portability.

Miter 50° L/R. Bevel 48° L/R. Weight 41 lbs.

**Includes** 12" blade, wrench, dust bag and vertical clamp.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>242992</b>	DWS716	12"	15	3,800	<b>WEB</b>



### DeWalt 12" Dual Slide Compound Miter Saw

**DEWALT** 15 Amp motor and integrated XPS cross cut positioning system for adjustment-free accurate cut line indication. Exclusive back fence design cuts up to 2 x 16 dimensional lumber at 90°. Stainless steel miter detent plate with cam lock for repeatable accuracy with easy adjustments. Super efficient dust collection

system captures over 75% of dust generated. Tall sliding fences support 7-1/2" of nested crown and 6-3/4" of base molding vertically.

Miter 50° L, 60° R. Bevel 45° L/R. Weight 56 lbs.

**Includes** blade wrench, dust bag, vertical material clamp and blade.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>243255</b>	DWS780	12"	15	3,800	<b>WEB</b>



### JET 12" Dual Slide Compound Miter Saw

**JET** This JET dual bevel sliding compound miter saw will be the most versatile saw in your shop. Efficiently cut miters, bevels, straights, and compounds with precision and accuracy over a hand saw. A workhorse in your shop that is also portable

enough to take with you when you need a great saw on the job. Enclosed linear bearings allows for smooth and controlled slide operation. Razor thin high visibility red laser provides precise cut line reference.

Miter 45° L/R. Bevel 45° L/R. Weight 56 lbs.

**Includes** dust bag, hold-down clamp assembly and hex wrenches.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>486101</b>	JMS-12X	12"	15	4,200	<b>WEB</b>



### Makita 12" Compound Miter Saw

**Makita.** Combines power, performance, and ease-of-use for most common miter cuts including woodworking, cabinetry, building, framing and more. The direct drive motor with soft start delivers smoother start-ups and constant power, with no belts to slip or replace. Fluorescent light works independently of the blade rotation to clearly illuminate the work surface. Shaft lock for easy blade changes.

Miter 45° L, 52° R. Bevel 45° L. Weight 27.3 lbs.

**Includes** blade, vertical vise, wrench, triangular ruler and dust bag.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>511414</b>	LS1040	10"	15	4,600	<b>WEB</b>



### Makita 12" Dual Slide Compound Miter Saw with Laser

**Makita.** Combines capacity, accuracy and efficient dust extraction in a compact size, with a unique 2-steel rail sliding system that offers a reduced footprint. The saw is powered by a 15 AMP direct drive motor with soft start. Direct drive enables smoother

start-ups and consistent, constant power with no belts to slip or replace. The electric brake provides added convenience. In addition, the electronic speed control maintains constant speed under load for smoother, higher-quality cutting.

Miter 45° L/R. Bevel 45° L/R. Weight 65 lbs.

**Includes** dust bag, triangular rule, vertical vise, blade and hex wrench.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>511388</b>	LS1219L	12"	15	3,200	<b>WEB</b>



### Metabo HPT 12" Dual Compound Miter Saw with Laser Marker

**Metabo HPT** Features Hitachi's laser marker system for cutting accuracy. The saw head bevels to the right or left- allowing the material to stay securely in place for cutting efficiency. It cuts various types of wood, crown molding, plywood, decorative panels, soft fiber-

board, hardboard and aluminum sashes. Motor with 1,950 Watts of output power smoothly powers through hardwoods with ease. Tall, pivoting aluminum fence allows crown molding to be cut vertically.

Miter 52° L/R. Bevel 48° L/R. Weight 46.3 lbs.

**Includes** blade, dust bag, vice assembly and wrenches.

Stk.	Mfr.	Blade	Amps	RPM	Price
<b>616516</b>	CI2FDHSM	12"	15	4,000	<b>WEB</b>



### Universal Tool Table

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>



### Universal Benchtop Machine Table

**JET** Sturdy table is made from steel with a solid top. Adjustable table height (30" to 35") for using machines at the optimal height. Holes in the bottom frame allow users to cut their own shelves for added storage. 20"D x 29"L top. 400 lb. capacity.

Stk.	Mfr.	Price
<b>618519</b>	728100	<b>WEB</b>



### Tool Table & Universal Stand

**Shop Fox** This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"H. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
<b>785720</b>	D3640	<b>WEB</b>



### Rolling Miter Saw Stand

**DEWALT** Adjustable infeed and outfeed roller supports provide up to 8' of material support. Easily adjustable mounting rails adapt to nearly any miter saw or portable thickness planer. 3-position pneumatic assisted raising and lowering. 300

lb. maximum weight capacity. Compact vertical storage option maximizes workplace efficiency and ease of transport. Mfr.'s 3-yr. limited warranty.

Size 98"W x 32.5"H (folded 59.5"W x 17"H). Weight 67 lbs.

Stk.	Mfr.	Price
<b>243063</b>	DWX726	<b>WEB</b>



### Heavy-Duty Miter Saw Stand

**DEWALT** Locking legs provide superior support & quick, easy set-up of this lightweight aluminum stand. Beam is 5-1/2' long and extends to support 16' of material weighing up to 500 lbs. Mounting brackets secure miter saw to stand without scratching material and non-marring feet won't scratch material. Work stops/supports can be repositioned quickly at any point on the rail, and extension lock levers provide fast and secure tightening.

Tool size 151"L x 32"H (folds to 70"L x 6"H). Weight 29 lbs.

**Includes** 2 convertible work supports/stops, 2 mounting brackets.

Stk.	Mfr.	Price
<b>243066</b>	DWX723	<b>WEB</b>



### Gravity-Rise Miter Saw Stand

**BOSCH** The integrated out feed and supports holds up to 18' of material. Adjustable height of outfeed up to 12". Universal mounting system allows for use with all major competitors' saws.

Equipped with an adjustable telescoping leveling leg to provide stability on uneven surfaces. Integrated 8" rubber wheels easily move stand and saw.

Size 51.5"L (103.15" extended) x 27.75"W x 48.42"H. Weight 76.7 lbs.

**Includes** 2 universal rapid-release tool mounts.

Stk.	Mfr.	Price
<b>259064</b>	T4B	<b>WEB</b>



### Compact Folding Miter Saw Stand

**Makita.** A versatile and portable solution for increased mobility. With a compact and aluminum tubular design, the transport wheels and side handle allow the saw and stand to be moved one-handed. Material support extensions reach up to

100-1/2" with a maximum supported weight of 500 lbs. The durable aluminum feed roller and adjustable material stop are made for fast, repetitive cuts. Fits all currently available Makita miter saws.

Open size 56"L x 29-1/2"W x 33-1/2"H. Weight 33.7 lbs.

Stk.	Mfr.	Price
<b>511390</b>	WST06	<b>WEB</b>





### Portable Stand with Extensions

**Festool** Increase portability and functionality in your classroom. With its large wheels, the UG easily navigates any work area and breaks down quickly and easily. Two expandable extensions allow for large stock support and provide plenty of surface area with integrated flip stops and scale.

Size 58-1/4"L (94-1/2" extended) x 35-7/16"H. Weight 46.3 lbs.

Stk.	Mfr.	Price
<b>404386</b>	201179	<b>WEB</b>

## CIRCULAR SAW BLADES

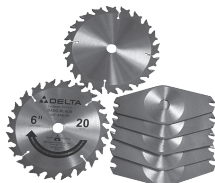


### Carbide-tipped Safety Dado Sets

**Freud** Stacked razor sharp side blades produce grooves or rabbets that are flat-bottomed and splinter free. Use on table saws and radial arm saws for cutting slots, grooves, dados and rabbets in softwood, hardwood, plywood or laminated chipboard.

**Includes** two 1/8" kerf outer blades, 1/16" chipper, four 1/8" chippers and case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
<b>412347</b>	SD306	6"	5/8"	22	15°	<b>WEB</b>
<b>412349</b>	SD308	8"	5/8"	22	15°	<b>WEB</b>



### 6" Stackable Dado Set

**DELTA** Make a variety of cuts on table saws and radial arm saws including plough, groove, rabbet, dado, laps plus tongue and groove. 2 carbide-tipped, anti-kickback blades. Cuts grooves 1/8" to 13/16"W.

**Includes** two 1/8" kerf outer blades, 5 chippers (4 ea. of 1/8" thick and one 1/16" thick).

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Price
<b>738905</b>	35-530	6"	5/8"	20	<b>WEB</b>



### 8" CT Dado Set

**DEWALT** Micro-grain carbide 4-tooth chippers deliver clean, smooth, flat-bottom dado and rabbet cuts, tenons and half-lap joints in hard woods, soft woods, plywood and melamine without splintering. Heavy gauge, laser cut plates with stainless steel shims for accurate cuts and ultra-fine width adjustments.

ATB+R tooth grind, 7,000 rpm max speed.

**Includes** 6 chippers: four 1/8", one 1/16", one 3/32" and molded case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
<b>243237</b>	DW7670	8"	5/8"	24	12°	<b>WEB</b>

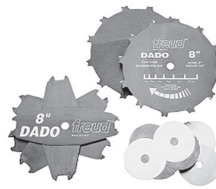


### 8" Woodworking Series Dado Blade

**Marples** Great for softwood, hard woods, plywood and melamine. Cuts grooves from 1/4" to 7/8"W. For table saws and radial arm saws. Resharpenable oversized carbide for long life. Heat-resistant non-stick coating reduces gumming.

**Includes** 2 outer blades, 3 chippers, 3 spacers and 7 shims (ranging from 0.1 to 0.5mm or .004" to .02")

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Price
<b>619307</b>	1811865	8"	5/8"	12	<b>WEB</b>



### Carbide-tipped Pro Dado Sets

**Freud** The hook angle makes flat bottom grooves and virtually splinter free cuts. Ideal for underpowered saws because it requires less power to feed. Use on all table saws and radial arm saws for cutting slots, grooves, dados and rabbets in softwood or hardwood.

**Includes** two 1/8" kerf outside blades, 1/16" chipper, four 1/8" chippers, case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
<b>412345</b>	SD206	6"	5/8"	10	-12°	<b>WEB</b>
<b>412344</b>	SD208S	8"	5/8"	12	-12°	<b>WEB</b>



### Super Dado Sets

**Freud** Included 3/32" thick chipper allows cut width to be adjusted in 1/32" increments, doubling the number of slot widths available. Use on all table saws and radial arm saws for cutting slots, grooves, dados and rabbets in softwood or hardwood.

**Includes** 2 outside blades of 1/8" kerf, 1/16" chipper, 3/32" chipper, four 1/8" chippers, shim set and case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
<b>412358</b>	SD508	8"	5/8"	24	-12°	<b>WEB</b>
<b>412354</b>	SD510	10"	1"	32	-12°	<b>WEB</b>
<b>412357</b>	SD512	12"	1"	36	-12°	<b>WEB</b>



### Carbide-tipped Dial-a-Width Dado Set

**Freud** Performs like a stacked dado, but shims are replaced with a dial system and dial hub to ensure accurate adjustments. Each click of the dial adjusts the blade by .004". Easy-use set provides precise cutting on hard and softwoods, chipboard, plywood and laminates. Adjusts easily to right or left operating machines.

**Includes** 2 blades, 5 chippers (1/8" & 3/32"), wrench and case.

Stk.	Mfr.	Blade Dia.	Arbor	Hook Angle	Price
<b>412356</b>	SD608	8"	5/8"	15°	<b>WEB</b>

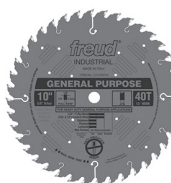


### Premium Dado Set

**SawStop** Perfect for achieving clean, true-to-size cuts in hard and soft woods. Main blades are 8" wide with 5/8" arbor and 24 teeth. They provide a minimum cut of 1/4" and a maximum cut of 29/32" at 6,000 maximum RPMs.

**Includes** 2 blades, 5 chippers, 6 shims and molded case.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Price
<b>771398</b>	BTS-DS8-2402	8"	5/8"	24	-5°	<b>WEB</b>



### General Purpose Blade LU72R

**Freud** Premium TiCo™ Hi-Density carbide blade includes a 30° Hi-ATB (Alternate Top Bevel) tooth grind for better quality finish and crisper edges in crosscut applications. This blade is ideal for cutting thick hardwoods, softwoods and thinner stock materials that range in thickness from 3/4" to 3-1/2" for crosscutting and 1/4" to 1" for ripping. For miter saws, table saws, radial arm saws and panel saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412120</b>	LU72R010	10"	3.5"	5/8"	40	13°	.087"	.126"	<b>WEB</b>
<b>412121</b>	LU72R012	12"	3.5"	1"	48	13°	.087"	.126"	<b>WEB</b>

## LU84M Circular Saw Blades

**Freud** Large gullet makes the anti-kickback design a safety necessity. It reduces the possibility of kickback associated w/overfeeding by limiting the amount of bite to the maximum safe amount. On a radial arm saw these blades prevent the climbing effect. Alternate top

bevel & flat grind, anti-kickback. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<a href="#">412228</a>	LU84M009	9"	4.25"	5/8"	40	10°	.087	.126	<b>WEB</b>
<a href="#">412230</a>	LU84M011	10"	4.5"	5/8"	50	10°	.087	.126	<b>WEB</b>
<a href="#">412231</a>	LU84M012	12"	5.5"	1"	60	10°	.087	.126	<b>WEB</b>
<a href="#">412232</a>	LU84M014	14"	6.5"	1"	70	10°	.118	.157	<b>WEB</b>



## Series 20™ Large Diameter Circular Saw Blades

**DEWALT** Professional-quality thin kerf carbide saw blades produce a smooth finish w/minimal material waste. Computer-balanced plate reduces vibration for improved accuracy and better finish. Exclusive wedge shoulder design puts more steel behind each

tip for increased durability and accuracy.

**General Purpose Combination** Alternate top bevel & raker. For table & miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<a href="#">243096</a>	DW3103	10"	4.5"	5/8"	32	+5°	.071	.099	<b>WEB</b>
<a href="#">243102</a>	DW3114	10"	4.5"	5/8"	40	+15°	.071	.099	<b>WEB</b>



## Cross Cut Saw Blade

**DEWALT** ToughTrack™ tooth design is engineered to deliver straight, accurate cuts over the life of the blade. Body slots reduce vibration, which works with the blade's thin kerf design to deliver exceptional user feel.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Price
<a href="#">242831</a>	DWA181440	8-1/4"	5/8"	40	<b>WEB</b>

## Combination Circular Saw Blade

**DEWALT** Featuring premium micrograin and extra-sharp carbide cutting edges, Large Diameter Precision™ Saw Blades power through non-ferrous metal and plastic with ease. Exclusive dampening slots helps to reduce vibration, and a precision-balanced, laser-cut body provides exceptionally accurate cuts. Tough Coat Finish helps to reduce heat, friction and gum-up.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<a href="#">243125</a>	DW7150PT	10"	5/8"	50	15°	.071	.098	<b>WEB</b>

## Diablo Wood Cutting

**Freud** Fine-finish blades leave a smooth surface requiring little to no sanding. Special-cutting geometry and high tooth count produce extremely smooth cuts while minimizing grabbing or blowout. Lets trim crews get the most from sliding or chop-style miter saws.

**General Purpose** Alternate top bevel grind. For table & miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<a href="#">412033</a>	D1040X	10"	4.5"	5/8"	40	15°	.071	.098	<b>WEB</b>

**General Purpose** Alternate top bevel grind. For miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<a href="#">412038</a>	D1244X	12"	5.5"	1"	44	15°	.071	.098	<b>WEB</b>

**Combination** Alternate top bevel grind. For table and miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<a href="#">412034</a>	D1050X	10"	4.5"	5/8"	50	15°	.071	.098	<b>WEB</b>

**Fine Finish** Hi-Alternate top bevel grind. For table saws (D1060X) and miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<a href="#">412035</a>	D1060X	10"	3.5"	5/8"	60	15°	.071	.098	<b>WEB</b>
<a href="#">412040</a>	D1484X	14"	7"	1"	84	15°	.087	.118	<b>WEB</b>

**Fine Finish** Hi-Alternate top bevel grind. For table saws (D1060X) & miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<a href="#">412039</a>	D1280X	12"	5"	1"	80	15°	.087	.118	<b>WEB</b>

**Ultra Fine Finish** Hi-Alternate top bevel grind. For table & miter saws.

Stk.	Mfr.	Blade Dia.	Cutting Capacity	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<a href="#">412037</a>	D1080X	10"	4.5"	5/8"	80	15°	.071	.098	<b>WEB</b>

## Cabinetmaker's Crosscut Blade LU73R

**Freud** TiCo™ Hi-Density carbide blade includes a 38° Hi-ATB (Alternate Top Bevel) tooth grind that delivers excellent crosscuts in double-sided veneer plywood and double-sided melamine. With its Perma-SHIELD® non-stick coating and tooth geometry, this blade is designed primarily for heavy use in a cabinetmaker's shop. Ideal for cutting in hardwood, softwood, plywood, and chipboard in thicknesses from 1/2" to 2-3/4". For slide miter saw, table saw, radial arm saw & portable table saw.



Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<a href="#">412122</a>	LU73R010	10"	2.75"	5/8"	60	10°	.087"	.126"	<b>WEB</b>
<a href="#">412123</a>	LU73R012	12"	2.75"	1"	72	10°	.087"	.126"	<b>WEB</b>

## Industrial-coated Thin Kerf Combination

**Freud** Heavy-duty blade produced with extreme precision using lasers to cut the hardened blade body and tensioning machines to ensure the blade stays true and flat under load. Great for underpowered saws that need full kerf stability. Anti-vibration blade with expansion slots. Perma-Shield™ permanent nonstick coating prevents heat build-up. Alternate top bevel, anti-kickback. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<a href="#">412179</a>	LU83R010	10"	4.5"	5/8"	50	10°	.071	.091	<b>WEB</b>



### Cabinetmaker's Crosscut Blade LU73M

**Freud** Premium TiCo™ Hi-Density carbide blade is designed primarily for heavy use in a cabinet-maker's shop. Combining a 10° hook angle and the alternate top bevel tooth grind, this blade provides a good crosscut and long cutting life in hardwood, softwood, plywood, and chipboard. Ideal for cutting a wide variety of materials most commonly used by

cabinet makers in thicknesses from 1/2" to 2-3/4" thick. For slide miter saw, table saw, radial arm saw, portable table saw.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412221</b>	LU73M014	14"	6.5"	1"	84	10°	.098	.138	<b>WEB</b>



### General Purpose Chipboard LU82M

**Freud** Deep gullets allow ripping and crosscutting through hard and softwoods with ease for smooth, chipless cuts. Triple chip & flat grind. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412222</b>	LU82M010	10"	4.5"	5/8"	60	10°	.087	.126	<b>WEB</b>

### Carbide-tipped Plywood & Melamine-cutting

**Freud** Flawless, chip-free edges in wood & laminates. Non-stick, Perma-Shield™ advanced technology blade features laser-cut, anti-vibration slots that nearly eliminate vibrations, extending blade life. High ATB tooth design for splinter-free cuts. No need for stabilizer or scoring blade. Hi-Alternate top bevel grind. For table saws, miter saws & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412214</b>	LU80R010	10"	4.5"	5/8"	80	2°	.087	.126	<b>WEB</b>
<b>412215</b>	LU80R012	12"	5.5"	1"	96	2°	.087	.126	<b>WEB</b>

### Plastic-cutting Industrial

**Freud** Cuts acrylics, polycarbonates & other plastics, leaving a smooth finish w/out melting. Blades produce less heat keeping the cut edge crisp. Triple chip grind. For table saws & rip saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412216</b>	LU94M008	8"	3.5"	5/8"	64	-3°	.087	.110	<b>WEB</b>
<b>412217</b>	LU94M010	10"	4.5"	5/8"	80	-3°	.087	.110	<b>WEB</b>



### Single Sided Laminate/Melamine Blade

**Freud** Fast-cutting blade is ideal for a perfect finish on one side of laminates and melamines. Perma-Shield™ non-stick coating reduces blade drag, protects the blade from corrosion and pitch build-up. Triple Chip Grind (TCG) tooth design with a 5° hook angle for long life in production applications.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412211</b>	LU98R010	10"	4-5/8"	5/8"	80	5°	.087	.126	<b>WEB</b>
<b>412213</b>	LU98R012	12"	5.5"	1"	96	5°	.087	.126	<b>WEB</b>

### Fine Crosscut Construction

**DEWALT** Professional quality thin kerf carbide saw blade produces a fast cut and a smooth finish with minimal material waste. Anti-stick coating reduces friction and gum-up. Ribbed head vents for reduced friction and binding. Computer balanced plate reduces vibration for improved accuracy & better finish. Alternate top bevel grind. For table saws & miter saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>243222</b>	DW3128	12"	5.5"	1"	80	5°	.071	.099	<b>WEB</b>

### Industrial Thin Kerf Fine Finish Crosscut LU88R

**Freud** Laser-cut, pretensioned blade has Perma-Shield™ coating making it resistant to friction & heat build-up. Coating helps blade stay sharp longer. Thin kerf removes less wood, requires less HP & reduces climbing w/radial arm saws. Cleans up w/hot water. Alternate top bevel grind. For table, miter & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412207</b>	LU88R008	8"	3.5"	5/8"	48	15°	.063	.083	<b>WEB</b>
<b>412237</b>	LU88R010	10"	4.5"	5/8"	60	15°	.071	.090	<b>WEB</b>

### Industrial Ultimate Cut-off LU85R

**Freud** Receive a smooth-as-glass finish when cross-cutting hard & softwoods & w/a minimal amount of side clearance. There's only .009" between the teeth & blade body. Laser-cut, pretensioned blade has Perma-Shield™ coating for less resistance to friction & heat build-up. Thin kerf removes less wood, requires less HP & reduces climbing w/radial arm saws. Cleans up w/hot water. Alternate top bevel grind. For table, miter & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412234</b>	LU85R010	10"	4.5"	5/8"	80	10°	.098	.116	<b>WEB</b>
<b>412236</b>	LU85R012	12"	5.5"	1"	96	10°	.098	.116	<b>WEB</b>

### Industrial Thin Kerf Ultimate Cut-off LU74R

**Freud** Laser-cut anti-vibration slots reduce vibration and sideways movement, extending blade life and producing a crisp, flawless finish. Great for crosscutting exotic hardwoods, softwood and moldings. Ideal for miter box applications. Blade removes less material than standard carbide blades, thus requiring less horsepower for quality results. Nonstick Perma-Shield™ coating. Alternate top bevel grind. For table saws, miter saws and radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412229</b>	LU74R008	8"	3.5"	5/8"	64	0°	.063	.087	<b>WEB</b>
<b>412178</b>	LU74R010	10"	4.5"	5/8"	80	0°	.071	.091	<b>WEB</b>
<b>412182</b>	LU74R012	12"	5.5"	1"	96	0°	.071	.091	<b>WEB</b>

### Premier Fusion General Purpose Blade

**Freud** Design fuses Freud's 30° Hi-ATB tooth with its double-side grind tooth geometry for a smooth side finish while also giving a flawless top & bottom finish in veneered plywood, hardwoods & melamine. The ultimate combination of fused tooth grind geometry, blade body rigidity, precise tensioning, a special carbide blend & superior carbide brazing, non-stick Perma-Shield™ coating & high performance anti-vibration provide the ultimate cut. Polymer filler reduces vibration. Alternate top bevel grind. For table saws & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412316</b>	P410	10"	4.5"	5/8"	40	18°	.098	.118	<b>WEB</b>
<b>412317</b>	P412	12"	5.5"	1"	48	18°	.098	.118	<b>WEB</b>

### Industrial Thin Kerf Sliding Compound Miter Saw

**Freud** Thin kerf industrial blade provides a superior finish cut with sliding compound miter saws. The 5° negative hook angle helps prevent the blade from being too aggressive and pushes the work piece down and towards the fence. Thin kerf blades remove less material than standard carbide blades, thus requiring less horsepower to produce equally good results. Alternate top bevel grind. For miter saws & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412208</b>	LU91M008	8-1/2"	3.5"	5/8"	48	-5°	0.71	.090	<b>WEB</b>
<b>412238</b>	LU91M010	10"	4.5"	5/8"	60	-5°	0.71	.090	<b>WEB</b>
<b>412205</b>	LU91R010	10"	4.5"	5/8"	60	-5°	0.71	.090	<b>WEB</b>
<b>412209</b>	LU91M012	12"	5.5"	1"	72	-5°	0.71	.090	<b>WEB</b>
<b>412206</b>	LU91R012	12"	5.5"	1"	72	-5°	0.71	.090	<b>WEB</b>

**412205 & 412206** Nonstick Perma-Shield® Coating.

### Construction Blade

**DEWALT** Professional quality thin kerf carbide saw blade produces a fast cut & a smooth finish w/minimal waste. Anti-stick coating reduces friction & gum-up. Ribbed head vents for reduced friction & binding. Exclusive wedge shoulder design for increased durability & accuracy. Computer-balanced plate reduces vibration. Alternate top bevel grind.

### Fast Ripping For table saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>243098</b>	DW3112	10"	4.5"	5/8"	24	15°	.069	.095	<b>WEB</b>

### Fine Crosscut For table saws and miter saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>243122</b>	DW3106	10"	4.5"	5/8"	60	7°	.069	.095	<b>WEB</b>

### Industrial Heavy-duty Rip LM72M

**Freud** Excellent for precise finish cut when ripping hard & softwood. The combination of a rigid blade body & the razor-sharp, flat-top carbide teeth provide a precise cut. Flat grind, anti-kickback. For table saws & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412225</b>	LM72M010	10"	4.5"	5/8"	24	20°	.087	.126	<b>WEB</b>
<b>412226</b>	LM72M012	12"	5.5"	1"	30	20°	.118	.169	<b>WEB</b>

### Industrial Thin Kerf Rip LU87R

**Freud** Give new life to underpowered saws & radial arm saws. Perma-Shield™ coated blade pulls less on the saw for more cutting power. Thin kerf blades remove less wood, requiring less HP to produce quality results. Cleans up w/hot water. Reduces radial arm saws climbing characteristics. Coating makes blade resistant to friction & heat build-up. Pretensioned & laser cut to eliminate warping. Alternate top bevel grind. For table saws & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412223</b>	LU87R010	10"	4.5"	5/8"	24	20°	.071	.094	<b>WEB</b>

### Marathon Blade

**Irwin** Lasts 40% longer & cuts 25% faster than the original Marathon. Deeper gullets remove chips quickly for faster, cooler running blade. Specially-engineered heat vents eliminate warping. Fully-hardened plate runs truer for more accurate cuts. Alternate top bevel grind. For table saws and miter saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>454472</b>	14070	10"	4.5"	5/8"	40	20°	.063	.095	<b>WEB</b>

### Classic Series Blade

**Irwin** Precision-ground teeth for smooth, accurate cuts. Corrosion-resistant coating helps prevent rusting. Professional performance for an economic price. Alternate top bevel. For table saws and miter saws.

### Decks

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>452679</b>	15270	10"	4.5"	5/8"	40	16°	.063	.102	<b>WEB</b>

### Framing / Ripping

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>452678</b>	15070	10"	4.5"	5/8"	24	22°	.063	.102	<b>WEB</b>

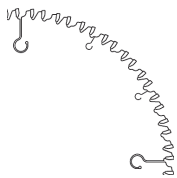
### Industrial Glue Line Ripping LM74R

**Freud** Triple chip tooth design produces extremely smooth, true surfaces for gluing and finish work (no need for sanding or jointing afterwards). Working range is 1/8" to 1" thick. High-density MicroGrain Carbide w/Titanium (TiCo™) blade. Non-stick Perma-Shield™ coating. Laser-cut, anti-vibration slots

reduces vibration (no need for stabilizers) & sideways motion giving a crisp, swirl-free finish. Heavy-duty thick kerf & plate ensure stable, flat blade for long cutting life. Alternate top bevel grind. For table & radial arm saws.

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412203</b>	LM74R010	10"	4.5"	5/8"	30	12°	.098	.118	<b>WEB</b>
<b>412204</b>	LM74R012	12"	4.5"	1"	40	12°	.098	.118	<b>WEB</b>





### Diablo Metal-Cutting

**Freud** Thin kerf blade w/Triple Chip Grind (TCG) tooth design for long life & clean, burr-free finish. Anti-vibration design & precision-tensioned steel plate provide critical protection against vibration, allowing a smoother, quieter cut. Red Perma-Shield™ high-performance coating frees blade from gumming & corrosion. Laser-cut stabilizer vents reduce vibration & heat. Precision-tensioned, Hard-Core™ steel blade. Thin, laser cut kerf. High-density MicroGrain Carbide w/Titanium (TiCo™) tips. Tri-metal, shock-resistant brazing allows tips to w/stand extreme impact. Triple chip & flat grind. For table saws & miter saws.

### Non-Ferrous Metals / Plastics

Stk.	Mfr.	Dia.	Cap'y	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>412036</b>	D1080N	10"	4.5"	5/8"	80	-5°	.071	.091	<b>WEB</b>



### 10" Combination Table Saw Blade

**SawStop** A high quality carbide tipped, everyday blade for both rips and cross cuts on a variety of woods. High quality heat treated steel, expansion slots help reduce vibration, noise and heat buildup.

Stk.	Mfr.	Dia.	Arbor	Teeth	Hook	Plate	Kerf	Price
<b>771446</b>	CNS-07-148	10"	5/8"	40	15°	0.079"	3 mm	<b>WEB</b>
<b>771203</b>	CB104-184	10"	5/8"	60	15°	0.079"	3 mm	<b>WEB</b>



### 10" Titanium Series Premium Woodworking Blade

**SawStop** Quality engineered, long-life blade with titanium coating for professional and heavy-duty cutting and ripping softwoods and hardwoods. Extra large teeth made of the highest-grade tungsten carbide resists dulling and can be re-sharpened multiple times. Laser cut expansion slots help prevent vibration, noise and heat buildup.

Stk.	Mfr.	Blade Dia.	Arbor	Teeth	Hook Angle	Plate	Kerf	Price
<b>771399</b>	BTS-R-24ATB	10"	5/8"	24	15°	0.078"	1/8"	<b>WEB</b>
<b>771400</b>	BTS-R-40ATB	10"	5/8"	40	15°	0.087"	1/8"	<b>WEB</b>
<b>771401</b>	BTS-P-80HATB	10"	5/8"	80	-5°	0.094"	1/8"	<b>WEB</b>



### Table Saw Blade Stabilizer

**Freud** Reduces rim vibration, quiets saw whistle and reduces damage to carbide-tipped blades. Use w/blades 7" to 12" dia. Not for hand-held power saws.

Stk.	Mfr.	Size	Price
<b>412131</b>	SC-001	5/8" Bore	<b>WEB</b>

### Table Saw Blade Bushings

**Freud** For reducing standard size arbor holes. Easily installed w/a tight fit to assure concentricity & smooth cuts. Machined bushings for best blade performance.

Stk.	Mfr.	Size	Price
<b>412050</b>	BL71MCE9	1" to 5/8"	<b>WEB</b>



### BladeCote® Lubricant

**Bostik** BladeCote® bonds to microstructure of metal saw blades, drills and router bits, creating a clear, micro thin coating that greatly reduces friction and extends blade life. Prevents resin and pitch buildup. Contains no silicone or petroleum oil, won't stain or interfere with glues or finishes.

Stk.	Mfr.	Size	Price
<b>532812</b>	V206501	10.75 oz.	<b>WEB</b>



### Saw Blade Lubricant Stick

**Olson** Prolong blade life & produce smoother, quicker cuts. Wax stick keeps metal, plastic & wood-cutting blades from clogging due to chips or pitch. Use on all power & hand-held cutting tool blades including scroll, circular, hack & jeweler's saw blades.

Stk.	Mfr.	Size	Price
<b>613750</b>	AC70010	8"L x 1" dia.	<b>WEB</b>



### Precision Bit & Blade Setup Bars

**Kreg** Concave step on bottom straddles router bit or saw blade for precise height adjustment. Step on top gauges cut depth. Step end sets blade to fence, or bit to fence distance. Made from soft aluminum to prevent bit or blade damage.

**Includes** 7 setup bars: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" & 1/2" & case.

Stk.	Mfr.	Price
<b>793904</b>	PRS3400	<b>WEB</b>

## TABLE SAWS



### SawStop 10" Industrial Cabinet Saw

**SawStop** The Industrial Cabinet Saw is the definition of industrial grade. It is the heaviest, most powerful and highest quality 10" cabinet saw on the market. The Industrial Cabinet Saw offers the durability, versatility, and the peace

of mind only SawStop's patented safety system can provide. Durable, open gearing for minimal dust compaction, and easy operation. Proven 99% dust extraction, achieved through shaping the blade's created turbulence.

Capacity 3-1/8" at 90°, 2-1/4" at 45°. Cast Iron Table with Wings 44" x 30".

**Includes** fence, 2 cast iron extension wings, miter gauge, blade guard, riving knife, 2 blade wrenches, push stick, blade, standard brake cartridge, 2 hardware packs, 3 hex keys and blade spacing adjustment gauge.

### 36" T-Glide Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>558380</b>	ICS31230-36	230	3	1	<b>WEB</b>
<b>558382</b>		230	5	1	<b>WEB</b>
<b>558384</b>	ICS53230-36	230	5	3	<b>WEB</b>
<b>558386</b>	ICS73230-36	230	7.5	3	<b>WEB</b>
<b>771478</b>	ICS53480-36	480	5	3	<b>WEB</b>
<b>771480</b>	ICS73480-36	480	7.5	3	<b>WEB</b>

### 52" T-Glide Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>558381</b>	ICS31230-52	230	3	1	<b>WEB</b>
<b>558383</b>	ICS51230-52	230	5	1	<b>WEB</b>
<b>558385</b>	ICS53230-52	230	5	3	<b>WEB</b>
<b>558387</b>	ICS73230-52	230	7.5	3	<b>WEB</b>
<b>771479</b>	ICS53480-52	480	5	3	<b>WEB</b>
<b>771481</b>	ICS73480-52	480	7.5	3	<b>WEB</b>



### SawStop Industrial Saw Mobile Base

**SawStop** Compatible with most ICS configurations. The saw rests firmly on the ground, distributing weight directly to the floor, not the wheels. Four 360° casters, 1000 lb. capacity.

Stk.	Mfr.	Price
<b>771518</b>	MB-IND-000	<b>WEB</b>



### SawStop 10" Professional Cabinet Saw

**SawStop** The Professional Cabinet Saw offers versatility and safety. It delivers the performance you need with the peace of mind only SawStop's patented safety system can provide. Heavy-weight trunnion unlike any on the

market, with the thickest arbors of any 10" saws. Durable, open gearing for minimal dust compaction and easy operation. Proven 99% dust extraction, achieved through shaping the blade's created turbulence.

Capacity 3-1/8" at 90°, 2-1/4" at 45°. Cast Iron Table with Wings 44" x 27".

**Includes** fence, 2 cast iron extension wings, miter gauge, blade guard, riving knife, 2 blade wrenches, push stick, blade, standard brake cartridge, 2 hardware packs, 3 hex keys and blade spacing adjustment gauge.

### 30" Premium Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>558395</b>	PCS175-PFA30	120	1.75	I	<b>WEB</b>
<b>558398</b>	PCS31230-PFA30	230	3	I	<b>WEB</b>

### 36" T-Glide Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>558396</b>	PCS175-TGP236	120	1.75	I	<b>WEB</b>
<b>558399</b>	PCS31230-TGP236	230	3	I	<b>WEB</b>

### 52" T-Glide Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>558397</b>	PCS175-TGP252	120	1.75	I	<b>WEB</b>
<b>558400</b>	PCS31230-TGP252	230	3	I	<b>WEB</b>



### SawStop Professional Saw Mobile Base

**SawStop** Give your workspace additional flexibility with the Integrated Mobile Base. Designed to smoothly move your Professional Cabinet Saw on any flat surface. Compatible with most PCS configurations.

Stk.	Mfr.	Price
<b>771520</b>	MB-PCS-000	<b>WEB</b>



### SawStop Professional Cabinet Saw Industrial Mobile Base

**SawStop** This mobile base supports the Industrial Cabinet Saw and extension tables, with no additional extension hardware needed. When disengaged the saw rests firmly on the ground distributing

weight directly to the floor, not the wheels. 1000 lb. capacity.

**Includes** PCS conversion kit.

Stk.	Mfr.	Price
<b>771521</b>	MB-PCS-IND	<b>WEB</b>



### SawStop 10" Contractor Table Saw

**SawStop** The Contractor Saw offers versatility and the SawStop's patented safety system. Better-than-hybrid performance in the shop, and stability and mobility on the jobsite. Unmatched fit and finish with a keen attention to detail. Quick and easy setup.

Capacity 3-1/8" at 90°, 2-1/4" at 45°. Main Cast Iron Table 20" x 27".

**Includes** fence, 2 steel extension wings, miter gauge, blade guard, riving knife, 2 blade wrenches, push stick, blade, standard brake cartridge, hardware packs, 3 hex keys and blade spacing adjustment gauge.

### 30" Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>771450</b>	CNS175-SFA30	120	1.75	I	<b>WEB</b>

### 36" T-Glide Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>771451</b>	CNS175-TGP236	120	1.75	I	<b>WEB</b>

### 52" T-Glide Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>771452</b>	CNS175-TGP252	120	1.75	I	<b>WEB</b>



### SawStop Contractor Saw Integrated Mobile Base

**SawStop** Give your workspace additional flexibility with the Integrated Mobile Base.

Designed to smoothly move your SawStop Contractor Saw on any flat surface. Compatible with most CNS configurations.

Stk.	Mfr.	Price
<b>771517</b>	MB-CNS-000	<b>WEB</b>



### SawStop 10" Jobsite Table Saw PRO with Mobile Cart Assembly

**SawStop** The Jobsite Saw Pro delivers durability, innovation and precision with a design that's built for a worksite environment. SawStop's patented safety system stops on contact with skin. Raise or lower the blade in just one

turn on the handwheel. Solid Hi-Low T-Style Fence with Ergolock slides easily and locks firm. Simple, intuitive action extends the Mobile Cart for use and collapse the cart for transport.

Capacity 3-1/8" at 90°, 2-1/8" at 45°. Extended Table 31-1/4" x 24-5/8".

**Includes** cart, fence, miter gauge, blade guard, riving knife, 2 blade wrenches, push stick, blade, brake cartridge, hardware pack and 3 hex keys.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>771500</b>	JSS-120A60	120	1.5	I	<b>WEB</b>



### SawStop 10" Compact Table Saw

**SawStop**

120V, 1.5 HP, 1 Phase. Capacity 3-1/8" at 90°, 2-1/8" at 45°. Size 31" x 27" x 18". Weight 68 lbs.

**Includes** miter gauge, brake cartridge, hex key, 2 blade wrenches, riving knife, blade guard, ripping blade, push stick and table saw insert.

Stk.	Mfr.	Item	Price
<b>771210</b>	CTS-120A60	Saw	<b>WEB</b>
<b>771211</b>	CTS-FS	Folding Stand	<b>WEB</b>
<b>771212</b>	CTS-TSI	Saw Insert	<b>WEB</b>



### SawStop Brake Cartridge for 10" Blades

**SawStop** Patented brake cartridge stops the spinning blade on contact with skin reducing the chances of a catastrophic injury. Single locking key allows the user to quickly switch between the standard brake cartridge and dado

brake cartridge when making standard or dado cuts. Compatible with ICS, PCS, CNS, and JSS model saws.

Stk.	Mfr.	Qty.	Price
<b>771604</b>	TSBC-10R3	1	<b>WEB</b>



### SawStop Cartridge for 8" Dado Sets

**SawStop** Patented brake cartridge stops the spinning blade on contact with skin reducing the chances of a catastrophic injury. Compatible with ICS, PCS, CNS and JSS model saws.

Size 7" x 3" x 9".

**Not compatible with CB Model Saws (CB model saws use part TS-DC-8L).**

Stk.	Mfr.	Qty.	Price
<b>771611</b>	TSDC-8R3	1	<b>WEB</b>



### SawStop Standard Zero Clearance Lock Down Insert

**SawStop** Standard Insert for 10" Blades. Precision machined from a high-quality, ultra strong phenolic core material that is covered on top and bottom with a low-friction, wear-resistant melamine surface. Compatible with ICS/PCS/CNS only.

Stk.	Mfr.	Price
<b>771607</b>	TSI-SLD	<b>WEB</b>



### SawStop Dado Zero Clearance Lock Down Insert

**SawStop** Dado Insert for 8" Dado Sets. Precision machined from a high-quality, ultra strong phenolic core material that is covered on top and bottom with a low-friction, wear-resistant melamine surface. Compatible with ICS/PCS/CNS only.

Stk.	Mfr.	Price
<b>771608</b>	TSI-DLD	<b>WEB</b>



### SawStop Folding Outfeed Table

**SawStop** Configure your table to match the width of your cast iron table and wings, even if you've removed a wing for a sliding table. Compatible with all ICS and PCS Cabinet Saw mobile bases, the Folding Outfeed Table quickly stows for an easy move.

**Includes** 8 table tubes, 4 table support tubes, 2 legs, 3 roller bars, support plate, adjustable feet and 5 hardware packs.

Stk.	Mfr.	Price
<b>771599</b>	TSA-FOT	<b>WEB</b>



### SawStop Over-Arm Dust Collection

**SawStop** Pair it with the SawStop Dust Collection Blade Guard for easy, reliable dust management. Rubberized collar easily fits your DC Guard, and routes dust past the end of your extension table before joining your saw's 4" col-

lection port. Compatible with all T-Glide rail systems. Requires dust collection blade guard, sold separately. Not compatible with Contractor Saw 30" rail kit.

**Includes** 1.5" to 4" splitter, hoses, dust tubes and 2 clamps.

Stk.	Mfr.	Price
<b>771598</b>	TSA-ODC	<b>WEB</b>



### SawStop Over-Arm Floating Dust Collection Guard

**SawStop** This heavy-duty 4" overarm is designed to provide operator protection while removing table-top dust in both standard and non-through cuts. The transparent blade cover is engineered to lift easily for quick blade access, and the rigid steel overarm swings smoothly away and back into operating position. Compatible with most ICS, PCS and CNS configurations.

**Includes** extension leg, mounting bracket, 2 leg support brackets, outer and inner dust tubes, blade guard and hardware pack.

Stk.	Mfr.	Price
<b>771600</b>	TSG-FDC	<b>WEB</b>



### Delta 10" Contractor Table Saw

**DELTA** Power through lumber and hardwood with the 15 amp induction motor. The adjustable belt drive system cuts down on vibration while improving motor life. The leg-

endary Biesemeyer-style fence system delivers precision cuts and the fence design allows you to cut small pieces of stock. The cast iron table combined with steel extension wings give the saw a powerful rip capacity.

Capacity 3-1/8" at 90°, 2-1/4" at 45°.

**Includes** T-square fence system, miter gauge, blade, extension wings and stand.

#### 30" Fence

Stk.	Mfr.	Volts	Amps	Price
<b>738908</b>	36-5000T2	120	15	<b>WEB</b>

#### 52" Fence

Stk.	Mfr.	Volts	Amps	Price
<b>738909</b>	36-5052T2	120	15	<b>WEB</b>



### Delta 10" Portable Table Saw with Stand

**DELTA** Saw has a powerful 15 amp motor that easily rips through hardwood and pressure treated lumber. The large 32.5" rip capacity provides a stable surface for large materials. A rack-and-pinion fence system makes fence adjustments accurate, smooth and fast. The portable rolling stand folds

down in one step, making moving and storing the saw quick and easy.

Capacity 3-1/2" at 90°, 2-1/2" at 45°, rip 32.5"R. Table 25" x 45".

**Includes** stand, fence, blade, 2 blade wrenches and push stick.

Stk.	Mfr.	Volts	Amps	HP	Price
<b>738953</b>	36-6023	120	15	3	<b>WEB</b>



### Metabo HPT 10" Jobsite Table Saw with Stand

**Metabo HPT** Saw features a 15 amp motor engineered for rip-sawing and crosscutting of ordinary wood, hardwood, plywood, and composite wood materials. The fold-and-roll stand is designed with sturdy legs and 8" wheels for easy moving,

setup and breakdown. Soft start, electric brake, large table with telescoping extension and oversized power switch.

Capacity 3-1/8" at 90°, 2-1/4" at 45°, rip 35". Table 28-3/4" x 22".

**Includes** blade, blade guard assembly, anti-kickback assembly, miter gauge assembly, push stick, rip fence assembly, outfeed support assembly, stand, 2 blade wrenches and hex bar wrenches.

Stk.	Mfr.	Volts	Phase	Price
<b>616514</b>	CI0RJSM	120	1	<b>WEB</b>





### JET 10" ProShop® II Table Saw

**JET** Saw offers features you expect from a high-end cabinet saw, in the compact design of a contractor-style machine. The redesigned transparent blade guard has independent leaves, and the quick release riving knife reduces chance of kick-

back. A low profile riving knife is included for non-through cuts. Innovative single belt design for easier belt tensioning and reduced vibration. Improved dust shroud around blade for greater dust collection.

Capacity 3-1/8" at 90°, 2-1/8" at 45°. Table size 20" x 27".

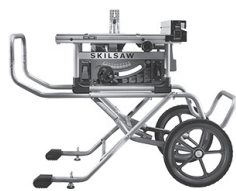
**Includes** riving knives, ProShop fence system, miter gauge, push stick, extension wings, blade guard and wrenches.

#### 30" Rip

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486065</b>	725004K	115	1-3/4	1	<b>WEB</b>

#### 52" Rip **Includes** table and legs.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486066</b>	725005K	115	1-3/4	1	<b>WEB</b>



### Skil 10" Table Saw With Stand

**SKIL** Worm Drive power train gearing gives you maximum torque at 3-5/8" depth of cut and 30-1/2" rip capacity for increased productivity. The rack and pinion system makes fence adjustments quick and smooth for accurate cuts. The patented 15 amp Dual-Field™ Motor

runs cooler so it'll work harder, longer and more efficiently. Rugged rolling stand and 16" wheels help it remain stable over rough or uneven surfaces.

Capacity at 90°: 3-5/8". Capacity at 45°: 2-3/10".

**Includes** blade, miter gauge, Smart Guard System with Anti-Kick Back Device, dust elbow, insert plate, push stick, wrench and rip fence.

Stk.	Mfr.	Volts	Amps	Price
<b>260448</b>	SPT99-11	120	15	<b>WEB</b>



### JET 10" Deluxe Xacta® Table Saw

**JET** Offers an upgraded Poly-V belt drive system for smooth operation and optimal power transfer, and a fully shrouded blade for highly efficient dust collection. Features the exclusive XACTA® Fence II with T-square

design. Quick release riving knife greatly reduces binding/kickback risk. Push button arbor lock for rapid blade change. Hinged motor cover gives quick access to the motor and belts.

Capacity 3" at 90°, 2-1/8" at 45°. Table size 29" x 20".

**Includes** Xacta Fence II, deluxe miter gauge, 2 cast iron extension wings, enclosed cabinet with drawer and arbor wrench (blade sold separately).

#### 30" Fence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485685</b>	JTAS-10XL30-IDX	230	3	1	<b>WEB</b>
<b>485687</b>	JTAS-10XL30-5/ID	230	5	1	<b>WEB</b>

#### 50" Fence & Legs

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485686</b>	JTAS-10XL50-IDX	230	3	1	<b>WEB</b>
<b>485688</b>	JTAS-10XL50-5/ID	230	5	1	<b>WEB</b>



### Oliver 10" Table Saw

**Oliver** With a 5 HP motor, this saw has torque to spare for big jobs. It runs smooth, with less vibration, due in part to the poly v-belt drive system, providing the highest quality cut available. Fully enclosed cabinet and blade dust shroud for better dust management. Hydraulic assisted blade lift mechanism for easy adjustment. Riving knife splitter for added safety against kick-back. Includes digital readout of blade tilt.

Capacity 3" at 90°, 2-1/4" at 45°, rip 36"R. Table size 27" x 33-1/3".

**Includes** miter gauge.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>615325</b>	4016.003	220V	5	1	<b>WEB</b>
<b>615326</b>	4016.004	220V/440	5	3	<b>WEB</b>

**615326** Please specify voltage. 220V will be shipped if not specified.



### Powermatic 10" PM1000 Table Saw

**POWERMATIC** Blade surround and collection hose provide an unobstructed path, maximizing dust collection. Miter gauge pivots 60° to either side, allowing easy adjustment for a full range of cuts. The poly-V belt drive system reduces vibration and maximizes efficiency. Ergonomic 7" handwheels make blade height and bevel adjustments easy. Arbor lock allows for one-handed blade changes with minimal tools.

Capacity 3-1/8" at 90°, 2-1/8" at 45°. Table size 20" x 27".

**Includes** fence, knives, extension wings and miter gauge.

**Please specify voltage. 115V will be shipped if not specified.**

#### 30" AccuFence

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656555</b>	1791000K	115/230	1-3/4	1	<b>WEB</b>

#### 52" AccuFence **Includes** extension table and legs.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656556</b>	1791001K	115/230	1-3/4	1	<b>WEB</b>



### Powermatic 10" 2000B Table Saw

**POWERMATIC** This table saw sets a new standard for innovation with an array of patented features and massive body design. The cast iron tables are oversized, and the arbor lock lever is accessible from above the table top to eliminate the need for dual wrenches. The blade tilt scale features an integrated digital read out as well as adjustable angle indicators for repetitive bevel cuts. Poly-V drive belt system results in quieter, more efficient power transfer from the motor with virtually no vibration and less heat build-up.

Capacity 3-1/8" at 90°, 2-1/8" at 45°. Table size 22" x 30-1/2".

**Includes** fence system, rail assembly, extension wings, wood extension table, miter gauge, push stick, arbor wrench, blade guard, riving knives, anti-kickback pawl assembly and blade.

#### 30" Rip

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656526</b>	PM23130K	230	3	1	<b>WEB</b>
<b>656529</b>	PM25130K	230	5	1	<b>WEB</b>
<b>656528</b>	PM25330K	230/460	5	3	<b>WEB</b>

#### 50" Rip **Includes** table legs.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656525</b>	PM23150K	230	3	1	<b>WEB</b>
<b>656530</b>	PM25150K	230	5	1	<b>WEB</b>
<b>656527</b>	PM25350K	230/460	5	3	<b>WEB</b>

**656528, 656527** Please specify voltage. 230V will be shipped if not specified. 460V requires magnetic switch Mfr. PM2000-293C, sold separately.





### Powermatic 14" 3000B Table Saw

**POWERMATIC** The riving knife rises and lowers with the blade, substantially reducing kickback risk. Wide-stance trunnion and concave teeth on the gears promote smooth blade raising/tilting. The Poly-V

drive belt system results in quieter, more efficient power transfer with virtually no vibration and less heat build-up. Newly designed push button arbor lock eliminates the need for dual arbor wrenches. Sloped cabinet floor, dust shroud and built-in port for dust extraction.

Capacity 5-1/8" at 45°, rip 50"R. Table size 48"L x 38"W.

**Includes** fence system, rail assembly, extension wings, extension table and legs, miter gauge, push stick, arbor wrench, blade guard, riving knife, anti-kickback pawl assembly and blade.

**Please specify voltage. 230V will be shipped if not specified. 460V requires magnetic switch Mfr. PM3000B-2107AOR, sold separately.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656520</b>	PM375350K	230/460	7.5	3	<b>WEB</b>



### Oliver 16" Table Saw

**Oliver** Like many Oliver saws before it, this behemoth is built beyond any reasonable expectations, so it does so with ease. A 16" blade gives you huge depth of cut, and the 10 HP motor gives you power to spare. Oliver's Optimus square tube fence system gives you

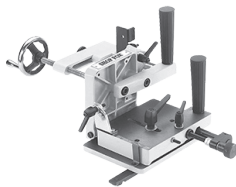
a quick-adjusting, rock-solid guide for wood, and the stock 52" rails assure that no job is too big. Matched 4 V-belt drive smoothly transfers power to the blade. Massive 12 lb. miter gauge included.

Capacity 5-1/2" at 90°, 4-1/4" at 45°, rip 52"R. Table size 38" x 48".

**Includes** miter gauge.

**Please specify voltage. 230V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>615330</b>	4060.001	230/460	10	3	<b>WEB</b>



### Tenoning Jig

**Shop Fox** This fully adjustable jig fits left and right tilting table saws with 3/8" x 3/4" miter gauge slots while handling stock up to 3-1/4"T. The bevel angle is adjustable from 90° to 75°, and the backstop is adjustable from 90° to 45°. Additional assembly required for left tilting saws.

Stk.	Mfr.	Price
<b>785795</b>	D4902	<b>WEB</b>



### Safety On/Off Switch Key

**DELTA** On/off switch key fits most Delta machines with removable key-type toggle switches.

Stk.	Mfr.	Price
<b>766604</b>	489105-00	<b>WEB</b>



### Deluxe Miter Gauge

**DELTA** Heavy-duty gauge fits table saws with 3/8" x 3/4" miter grooves. Guide bar adjusts to fit miter slots w/minimum tolerances. Positive stops at all common angles.

Stk.	Mfr.	Price
<b>736076</b>	34-929	<b>WEB</b>



### Precision Miter Gauge

**Kreg** Factory calibrated positive stops at 0°, 10°, 22-1/2°, 30° & 45°. Vernier scale adjusts to 1/10th degree. Brass T-slot bar w/5 adjusters eliminates bar & miter slot play. 24" aircraft-grade aluminum fence w/swing stop. Anodized finish.

Stk.	Mfr.	Item	Price
<b>793875</b>	KMS7101	Gauge	<b>WEB</b>
<b>793874</b>	KMS7102	Gauge with 24" Fence & Flipstop	<b>WEB</b>



### Clear-Cut TS Stock Guides

**JessEm** These table saw guides offer superior control of your work for safer, smoother and more precise cuts with your work held securely in position. Unique guide rollers mounted on a 5° angle effectively steer stock towards the fence.

This angle causes the roller to hold with more force if the wood tries to move against the direction of the feed.

**Includes** 2 stock guide assemblies, 30" track, eight #10 self tapping screws, four 1/4-20 x 1/2" low head cap screws, four 1/4-20 square nuts, T-25 Torx screwdriver, 1/8" hex key and #19 drill bit.

Stk.	Mfr.	Price
<b>488140</b>	04301	<b>WEB</b>



### GlideCote® Lubricant

**Bostik** Quick, easy application eliminates hang-ups on sliding surfaces (metal, laminate & plastic). Reduces sliding friction on table saws, receiving tables, drill presses, lathes, planers, band saws, miter saws, panel saws and hand tools. Up to 30% slicker and lasts 3x longer than paste wax. Won't stain wood or interfere with glues or finishes.

**CFC- & ODC-free. Meets VOC, EPA, CARB, AQMD & OTC standards.**

Stk.	Mfr.	Size	Price
<b>532811</b>	V207501	10.75 oz.	<b>WEB</b>



### Small Push Block

**Shop Fox** High-impact molded plastic w/natural rubber friction pad. Firmly grips workpiece keeping fingers away from cutting tool. Bright, safety-orange color.

Stk.	Mfr.	Price
<b>785663</b>	W1400	<b>WEB</b>



### Large Push Block

**Shop Fox** Constructed of high-impact molded plastic with natural rubber friction pads that grip the workpiece firmly. Bright, safety orange color.

Stk.	Mfr.	Size	Price
<b>785664</b>	W1401	2-3/4" x 16"	<b>WEB</b>



### Table Saw Safety Kit

**Shop Fox** 4 essential jigs for safe table saw operation. Featherboard fits 3/8" x 3/4" miter slots. Made of high visibility yellow plastic.

**Includes** two push blocks, push stick & featherboard, plus combination saw & router gauge.

Stk.	Mfr.	Price
<b>785725</b>	D4061	<b>WEB</b>



### Push Stick

**Shop Fox** Keeps hands a safe distance from blades & cutters. Maintains control of the workpiece against machine fences. A necessity when running narrow stock. Durable handle offers maximum control.

Stk.	Mfr.	Price
<b>785659</b>	D3122	<b>WEB</b>



### Paralign Feather Boards

**JessEm** For use with router tables, shapers, band saws and table saws. Two additional knobs allow easy height settings for different material thicknesses. Includes hardware for 3/4" miter slot and standard 1/4" T-Track plus, includes longer bolts for tandem use.

Stk.	Mfr.	Qty.	Price
<b>488115</b>	04016	2	<b>WEB</b>



### Tru-Flex™ Featherboard

**Kreg** Prevents chattering & dangerous kickback. Provides consistent, optimum pressure. Durable plastic body. Wedge-lock system secures to a variety of shop tools w/ out additional hardware.

Stk.	Mfr.	Price
<b>793881</b>	PRS3010	<b>WEB</b>



### Rolling Table Saw Stand

**DEWALT** Lightweight stand constructed with heavy-duty aluminum and large wheels. Wide stand base, offset rear legs and rubber feet provide stability and support on any surface. Quick-connect stand brackets attach to saw for easy detachment. Withstands loads up to 200 lbs. UL Approved for

use with DW744 and DW745 (both sold separately). Will work with most, but not all portable table saws.

Size 40"L x 36"W x 36"H. Weight 33 lbs.

Stk.	Mfr.	Price
<b>243059</b>	DW7440RS	<b>WEB</b>



### Tool Saver Machine Cover

**HTC Products** Helps prevent condensation from forming on workshop machines as well as keeping moisture, dust, and other elements away. Rugged cotton sheeting coated with a special plastisol allows it to breathe yet remain water resistant. Roll hem with rubberized magnets on each corner holds cover in place.

**Shown w/machine, sold separately.**

Stk.	Mfr.	Size	Price
<b>476512</b>	TS-9056	36" x 56"	<b>WEB</b>
<b>476513</b>	TS-9072	56" x 72"	<b>WEB</b>
<b>476514</b>	TS-9112	72" x 112"	<b>WEB</b>

## JOINTERS



### Delta 6" Midi-Bench Jointer

**DELTA** Simple fence adjustment system with adjustable positive stops at 90° and 45° in and out up to 1/8" depth of cut. The heavy duty cast iron fence provides accurate jointing. Durable cast iron construction provides stability

and reduces vibration. Simple jackscrew arrangement offers easy adjustment when changing knives. Built-in dust blower ejects chips efficiently and virtually eliminates clogging.

Cutterhead 1-7/8" dia., 10,000 RPM. Knives 2 HSS, 20,000 CPM. Capacity 6"W x 1/8"D. Table 6-1/4"L x 28-1/2"W. Fence 4-5/16"L x 22-7/8"W.

**Includes** 2 push blocks.

Stk.	Mfr.	Volts	Phase	Price
<b>738973</b>	37-071	120	1	<b>WEB</b>



### Rikon 6" Bench Jointer with Helical Head

**Rikon** Features rigid, all-metal construction, machined aluminum tables, a quick depth setting mechanism with scale, adjustable fence that tilts from 90° to 45° quickly and accurately, spring-loaded safety guard, 2-1/2" dust port and front safety on/off switch. Six-row helical-style cutter head with HSS, 2-edge insert cutters for super cutting action, flat surfacing results, and easy knife changes.

Cutterhead 2" dia., 20,000 RPM. Knives 12 HSS, 12,000 RPM. Capacity 6"W x 1/8"D. Table 30"L x 6-3/16"W. Fence 19-3/4"L x 4-3/8"W.

**Includes** 2 push blocks.

Stk.	Mfr.	Volts	Phase	Price
<b>694152</b>	20-600H	120	1	<b>WEB</b>



### JET 6" Jointer with Quick Set Knives

**JET** The 6" Long Bed Jointer offers one of the longest working surfaces in its class. With the exclusive auto-set quick change knife system, replace or change all 3 blades in a fraction of the time other machines take. Two-way

tilting fence with positive stops at 45° and 90° to handle bevel operations. The steel quick change knives provide rapid cutting, a superior finish and eliminates the need for a knife setting gauge. Built-in rabbeting ledge adds versatility.

Knives 3 HSS, 6,000 RPM. Capacity 6-1/16"W x 12"D. Table 56"L x 7-3/8"D. Fence 32-3/4"L x 3-7/8"H.

**Includes** 2 push blocks.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485984</b>	JJ-6CSDX	115/230	1	1	<b>WEB</b>



### Standard Universal Mobile Base

**JET** Spring-pin, quick snap allows tool-free adjustments (width and length) and easy assembly. Sturdy, low-ground clearance. Strong, yet lightweight. 2 fixed and 2 swivel casters. 18" sq. to 24" sq., 600 lb. capacity. 1/2" clearance.

Stk.	Mfr.	Price
<b>486113</b>	JMB-UMB	<b>WEB</b>



### Oliver 6" Jointer with Helical Head

**Oliver** Extra-long precision ground table provides a stable work surface, while the parallelogram design provides smooth accurate cuts. Cast iron frame offers stable table support and the fully enclosed cabinet

net with 4" port offers superior dust management. CSA listed.  
Cutterhead 5,000 rpm. Knives 28 helical inserts. Capacity 1/8"D.  
Table 60-3/4"L x 5-3/4"W. Fence 29"L x 3-3/4"H.

**Includes** 2 push blocks.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>615336</b>	4225.201	115/230	1	1	<b>WEB</b>



### Powermatic 6" Model 54A Jointer

**POWERMATIC** Oversized infeed/outfeed tables are mounted on dovetailed ways and have a built-in rabbeting ledge. The fine/quick adjustment lever on the infeed table offers quick set-ups with precision controlled depth of cut. The heavy steel stand features a powerful motor with a non-slip v-belt drive for maximum per-

formance. The 4" dust port offers easy connection to any dust collection system. Push button switch is lockable to prevent accidental starting.

Cutterhead 2-1/2" dia. 6,000 RPM. Capacity 6"W x 1/2"D.  
Table 66"L x 7-1/4"W. Fence 38"L x 4-3/4"H.

**Includes** 2 push blocks.

**Please specify voltage. 115V will be shipped if not specified.**

**Standard Cutterhead Knives 3 HSS, 18,000 CPM.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656640</b>	1791279DXK	115/230	1	1	<b>WEB</b>

**Helical Cutterhead Knives 40 Carbide.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656669</b>	1791317K	115/230	1	1	<b>WEB</b>



### JET 8" Long Bed Jointer

**JET** This jointer boasts a helical insert cutterhead with staggered carbide inserts, yet its 2 HP motor runs quietly and smoothly. Its front-mounted table adjustment handwheels make quick, easy and accurate corrections.

The 2-way tilting fence with positive stops at 45° and 90° makes bevel operations smooth. Extra-long heavy-duty cast iron infeed and outfeed tables with precision-machined finish allow jointing of longer boards without tipping.

Cutterhead 5,500 RPM. Capacity 8"W x 1/2"D. Table 72"L x 9"W.  
Fence 38-1/2"L x 4-3/4"W.

**Includes** 2 push blocks.

**Helical Cutterhead Knives 36.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486085</b>	JWJ-8HH	230	2	1	<b>WEB</b>

**Standard Cutterhead Knives 3, 16,500 CPM.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486084</b>	JWJ-8CS	230	2	1	<b>WEB</b>



### Powermatic 8" Model 60 Jointer

**POWERMATIC** This jointer meets the demand for accuracy while combining unique, user-friendly functions. The infeed table lever can be used to rapidly position table height, then the handle rotated for fine-adjustment of cut depth. Fence tilting is accomplished by a worm gear system,

smoothly operated by a simple handwheel. A non-mar insert in the fence protects the table from scratches during adjustments. The operating switch is mounted for easy reach.

Cutterhead 3" dia., 7,000 RPM. Capacity 8" x 1/2"D.  
Table 73"L x 8-1/2"W. Fence 38"L x 4-3/4"H.

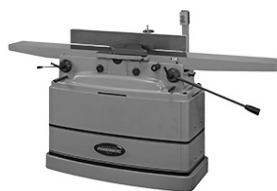
**Includes** 2 push blocks.

**Standard Cutterhead Knives 3 HSS.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>655249</b>	1610084K	230	2	1	<b>WEB</b>

**Helical Cutterhead Knives 54 Carbide.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>655251</b>	1610086K	230	2	1	<b>WEB</b>



### Powermatic 8" Model PJ882 Jointer

**POWERMATIC** This jointer offers performance and value in a machine loaded with features. The cutterhead is helical, with 54 four-sided knife inserts, producing a superior finish and much quieter operation than conventional cutterheads. The

innovative single handwheel tilts the fence in and out with positive stops at +/-45° and 90°. The parallelogram design keeps the table in close proximity to the cutterhead for improved finish and allows for a fast depth of cut adjustment. This design also insures the table remains perfectly parallel, even after years of heavy use.

Cutterhead 3-1/16" dia. 7,000 RPM. Capacity 8"W x 1/2"D.  
Table 82"L x 8"W.

**Includes** 2 push blocks and tools.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>655247</b>	1610082	230	2	1	<b>WEB</b>



### Oliver 8" Jointer with Helical Head

**Oliver** The parallelogram design provides smooth accurate cuts. Extra-long precision ground tables provide a stable work surface and the cast iron frame offers stable table support. The fully enclosed cabinet has a 4" dust port and the built-in mobile base has lockable wheels.

Cutterhead 5,500 RPM. Knives 36 helical inserts. Capacity 1/8"D.  
Table 72"L x 8"W. Fence 38"L x 5"H.

**Includes** 2 push blocks.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>615341</b>	4235.201	230	2	1	<b>WEB</b>



### Rikon 8" Bench Jointer with Helical Head

**Rikon** Bench top jointer has a 6-row helical-style cutter head with 16 carbide, 2-edge insert cutters for super cutting action, flat surfacing results and easy

knife changes. Table extensions expand the work surface from 30-1/2" to 51-1/2". Features rigid, all-metal construction, machined aluminum tables, a quick depth setting mechanism with scale, adjustable fence, spring-loaded safety guard, 4" and 2-1/2" dust ports and front safety on/off switch.

Cutterhead 2" dia., 12,000 rpm. Knives 16 2-sided HSS inserts. Capacity 8"W x 1/8"D. Table 30-1/2" x 8-3/16". Fence 19-3/4" x 4-3/8".

**Includes** 2 push blocks.

Stk.	Mfr.	Volts	Phase	Price
<b>694154</b>	20-800H	120	I	<b>WEB</b>



### Universal Tool Table

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>



### Tool Table & Universal Stand

**Shop Fox** This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

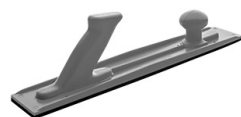
Stk.	Mfr.	Price
<b>785720</b>	D3640	<b>WEB</b>



### Small Push Block

**Shop Fox** High-impact molded plastic w/natural rubber friction pad. Firmly grips workpiece keeping fingers away from cutting tool. Bright, safety-orange color.

Stk.	Mfr.	Price
<b>785663</b>	W1400	<b>WEB</b>



### Large Push Block

**Shop Fox** Constructed of high-impact molded plastic with natural rubber friction pads that grip the workpiece firmly. Bright, safety orange color.

Stk.	Mfr.	Size	Price
<b>785664</b>	W1401	2-3/4" x 16"	<b>WEB</b>



### Push Stick

**Shop Fox** Keeps hands a safe distance from blades & cutters. Maintains control of the workpiece against machine fences. A necessity when running narrow stock. Durable handle offers maximum control.

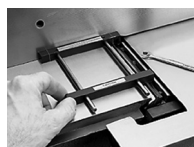
Stk.	Mfr.	Price
<b>785659</b>	D3122	<b>WEB</b>



### Jointer Dust Hoods

**Shop Fox** Fits most jointers. 3/32"T, 4" O.D., 3/4"W flange.

Stk.	Mfr.	Fits	Price
<b>786715</b>	W1001	6.5" x 6.5" chute	<b>WEB</b>
<b>786716</b>	W1002	7" x 8.5" chute	<b>WEB</b>



### Pal Magnetic Jointer Knife Setting Jig

**Woodstock** Set jointer knives in perfect alignment every time. Shift nicked knives for perfect cut to ± .001 accuracy. Use the steel bodied jig on jointers w/HSS knives. For 4" & 8" jointers.

Stk.	Mfr.	Price
<b>786820</b>	W1211A	<b>WEB</b>



### Jointer Knives

#### DJ-series jointers. HSS.

Stk.	Mfr.	Fits	Qty.	Price
<b>739425</b>	37-658	Delta 6"	3	<b>WEB</b>

#### DJ-series jointers. HSS.

Stk.	Mfr.	Fits	Qty.	Price
<b>739310</b>	37-355	Delta 8"	3	<b>WEB</b>

#### 6"VS bench jointer. HSS.

Stk.	Mfr.	Fits	Qty.	Price
<b>738993</b>	37-072	Delta 6"	2	<b>WEB</b>

#### JJ series jointers. HSS.

Stk.	Mfr.	Fits	Qty.	Price
<b>485842</b>	JJ6-K	JET 6", J-60S, JJ-6CS, Powermatic 6", 54	3	<b>WEB</b>
<b>485985</b>	J6-KQC	JET 6", JJ-6CSDX	3	<b>WEB</b>
<b>485887</b>	JJ8-K	JET 8", JJ-8CS	3	<b>WEB</b>

#### Powermatic HSS.

Stk.	Mfr.	Fits	Qty.	Price
<b>677068</b>	6427001	Powermatic 6", 50	3	<b>WEB</b>
<b>677135</b>	6296046	Powermatic 8", 60, 60A, 60B	3	<b>WEB</b>

## JOINTER/PLANERS



### Jointer/Planer Combo

**JET** Whether a small shop, or limited space on the job, this jointer/planer combo is right for you. This powerhouse has features usually only found on big floor models. Precision adjustment knobs, compact design, and a powerful 13 Amp motor are only a few features that

make this jointer/planer the right choice for wherever you may need it. Oversized, ergonomic knobs provide ease of use and maximum control.

Cutterhead 2 HSS, 9,000 rpm. Capacity 1/5" x 4-18/25". Table 10-5/8" x 8-1/2".

**Includes** 2 push blocks, fence, hose adapter and tools.

Stk.	Mfr.	Volts	Phase	Price
<b>486108</b>	JJP-8BT	115	I	<b>WEB</b>



## PLANERS



### DeWalt 12-1/2" Bench Top Planer

**DeWalt** Planer with 3-knife cutterhead is powered by a 15 Amp motor for managing large, deep cuts in hardwood. Provides 96 cuts per inch, delivering one of the finest finishes of any portable planer. Four-column carriage lock drastically reduces the movement that causes

snipe. Turret depth stop allows user to return to their most frequently used depths with ease.

Cutterhead 3-knife, 10,000 RPM. Capacity 12-1/2"W x 6"D.

Table 33-1/2"L x 12-1/2"W.

**Includes** dust hood.

Stk.	Mfr.	Volts	Phase	Price
<b>243074</b>	DW734	120	1	<b>WEB</b>



### Delta 13" Bench Top Planer

**Delta** This portable thickness planer was designed for maximum stability, durability and precision. The 4 column design provides excellent stability for smooth, accurate planing. The 2 polyurethane feed rollers make for a smooth no-slip grip on the workpiece and is positioned

close to the cutterhead to improve the workpiece's finish. Overload button protects the motor from damage due to overheating.

Cutterhead 18,800 CPM. Knives 2 HSS, 9,400 RPM.

Capacity 12"W x 6"D. Table 6-3/4"L x 13"D.

**Includes** dust port and tools.

Stk.	Mfr.	Volts	Phase	Price
<b>710595</b>	22-555	120	1	<b>WEB</b>



### DeWalt 13" Bench Top Planer

**DeWalt** Two-speed thickness planer is powered by a 15 Amp motor to easily manage large cuts in wider materials. Feed speed options for 96 or 179 CPI provide optimal performance. Fan-assisted chip ejection vacuums chips off the cutterhead and exhausts them

out of the machine. Automatic carriage lock reduces the movement that causes snipe. Extra large, turret depth stop allows user to return to most frequently used thicknesses with ease.

Cutterhead 3-knife, 10,000 RPM. Capacity 13"W x 6"D.

**Includes** dust hose adapter, thickness planer crank handle, and T-Wrench.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>243071</b>	DW735	115	2.3	1	<b>WEB</b>



### 13" Folding Tables

**DeWalt** Provides additional material support for 13" Planer (DW735).

Stk.	Mfr.	Qty.	Price
<b>243123</b>	DW7351	2	<b>WEB</b>



### Mobile Planer Stand

**DeWalt** Constructed for durability and stability under heavy loads. Ideal for easy movement and storage of planer and stand.

Stk.	Mfr.	Price
<b>243124</b>	DW7350	<b>WEB</b>



### Rolling Miter Saw Stand

**DeWalt** Adjustable infeed and outfeed roller supports provide up to 8' of material support. Easily adjustable mounting rails adapt to nearly any miter saw or portable thickness planer. 3-position pneumatic assisted raising and lowering. 300 lb. maximum weight capacity. Compact

vertical storage option maximizes workplace efficiency and ease of transport. Mfr.'s 3-yr. limited warranty.

Size 98"W x 32.5"H (folded 59.5"W x 17"H). Weight 67 lbs.

Stk.	Mfr.	Price
<b>243063</b>	DWX726	<b>WEB</b>



### JET 13" Bench Top Planer

**JET** 13" planer produces a smooth and consistent cut surface thanks to its helical style cutter head with 6 rows of 24 individual quick-change inserts which can be easily rotated or replaced. This head design helps reduce noise as its 2 HP motor is turning at an impressive 10,000 RPM. Features include a

rugged 4-post design, adjustable folding tables, 2 infeed speeds and a sturdy cast iron base.

24 knives 20,000 cpm. Cutterhead 2" dia. 10,000 rpm.

Capacity 13"W x 6" thick. Depth of cut 1/8".

Unbutted stock 9-1/2" min. Feed rate 18' and 26' fpm.

Table size 13"L x 9.8"W. Size 28"L x 22"W x 19"H. Weight 74.8 lbs.

Stk.	Mfr.	Volts	Phase	Amps	Price
<b>485942</b>	JWP-13BT	115	1	15	<b>WEB</b>



### JET 13" Planer/Molder

**JET** The closed stand planer/molder boasts a 1.5 HP motor, and the sturdy cast iron table and base provide strength and reduce vibration during use. The 3-cutter head design produces a superior finish. Built in lockable casters add support and stability to the machine while allowing it to be maneuverable. The molding cutter head accommodates over 40 standard molding cutter sets.

Cutterhead 2-9/16" dia., 4,500 RPM. Knives 3 HSS, 13,500 CPM.

Capacity 13"W x 6-1/8"D.

**Includes** dust chute and tools.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486054</b>	JPM-13CS	115/230	1.5	1	<b>WEB</b>



### Rikon 13" Bench Top Planer with Helical Cutterhead

**Rikon** Planer features a 6-row helical-style cutter head and 26 HSS insert cutters. The alternating cutter pattern in the cutter head is super-efficient, and with a 2-speed feed rate, produces a smooth cut surface.

Planer features a threaded 4-post threaded housing for extra head stability when running, side handle for quick table height adjustments, repeat cut setting lever, large fold-up extension tables, flat top with rollers for stock returning and side carry handles.

Cutterhead 2" dia., 10,000 RPM. 24 two-sided knife inserts.

Capacity 13"W x 6"D. Table 9-7/16" x 13-1/16".

**Includes** dust hood, hose adapter, tools and safety key lock.

Stk.	Mfr.	Volts	Phase	Price
<b>694158</b>	25-135H	115	1	<b>WEB</b>

## JET 15" Floor Model Planer



**J E T** Quickly and quietly transforms rough lumber into smooth boards. This machine means business with a powerful 3 HP motor. The innovative PASS™ system provides consistent upward pressure on the cutterhead, reducing the chance of board snipe. The conveniently located 2-speed gearbox allows for quick feed rate adjustments. The large cast-iron table and infeed/outfeed tables make this planer a beautiful addition to the shop.

Capacity: 15"W x 6" thick. Feed rate 16 and 20 fpm.

Table size 21.45"L (w/extensions) x 15"W. Tool size 25.5"L x 46.5"W x 48"H.

### Helical

Stk.	Mfr.	Volts	Amps	Phase	Price
<b>485683</b>	JWP-15BHH	230	15	1	<b>WEB</b>

### Straight Knife

Stk.	Mfr.	Volts	Amps	Phase	Price
<b>485682</b>	JWP-15B	230	15	1	<b>WEB</b>



## Powermatic 15" Planer with Helical Head

**POWERMATIC** The helical cutterhead on this planer provides smoother cutting and a finer finish than conventional knives, and the 74 four-sided indexable carbide knife inserts do not require adjustment after installing. Three V-belts transfer maximum power from the 3HP motor to the cutterhead. Stock return rollers

atop the machine speed repetitive cuts. A 2-speed gearbox features an automatic chain tensioner.

Cutterhead 2-7/8" dia. 4,500 RPM. Knives 74 carbide 4-sided knife inserts. Capacity 14-7/8"W x 6"D. Table 15"L x 48"W.

**Includes** dust hood and tools.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656603</b>	1791213	230	3	1	<b>WEB</b>



## Oliver 16" Planer with Helical Head

**Oliver** This full featured planer with a powerful 5 HP motor and helical cutterhead gets the job done with ease. Built-in table rollers reduce friction for rough stock and keep the material from hanging up. The powerful chain drive system positively feeds the material through a bullet proof 2-speed gear reduction box.

Matched 3 V-belt drive smoothly transfers power to drive train and cutter head. Serrated steel infeed roller provides smooth feeding.

Cutterhead 2-7/8" dia., 4,800 RPM. Knives 90 helical. Capacity 16"W x 6"D. Table 16"L x 20"D.

**Includes** dust shoot and built-in casters.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>615345</b>	4420.201	220	5	1	<b>WEB</b>



## JET 20" Planer with Helical Head

**J E T** This machine means business with a powerful 5 HP induction motor combined with a helical insert cutterhead housing 92 staggered carbide knives. Heavy-duty cast iron and steel construction keeps the workpiece steady and supported, while the conveniently located 2-speed gear box allows for quick and

easy feed rate adjustments. You'll appreciate the sets of 3 steel infeed and outfeed rollers to help prevent annoying snipe.

Cutterhead 3-3/16"D, 5,000 RPM. Knives 92 four-sided inserts. Capacity 20"W x 8"D. Table 25-3/4"W x 20"D.

**Includes** dust hood.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486021</b>	JWP-208HH-I	230	5	1	<b>WEB</b>



## Powermatic 20" Planer

**POWERMATIC** Powerful 5 HP motor and 20" planing capacity handle the most demanding work, while the helical cutterhead provides quieter operation and finer finishing than conventional systems. The carbide knife inserts seat themselves without requiring a set-up gauge. Anti-kickback fingers and pressure bar

are located in close proximity to the cutterhead for an exceptional finish.

Cutterhead 3-3/16" dia. 5,000 rpm. Helical HSS 100 four-sided knife inserts. Capacity 20"W x 8"T. Table 55-1/2"L x 20"W.

**Includes** dust hood.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656667</b>	1791315	230	5	1	<b>WEB</b>
<b>656668</b>	1791316	230/460	5	3	<b>WEB</b>

**656668** Please specify voltage. 230 will be shipped if not specified. 460V requires magnetic switch, sold separately.



## Oliver 22" Planer with Bryd Shelix Head

**Oliver** With a super wide capacity, this planer will handle stock up to 22" wide, and take up to 3/16" off in a single pass. But volume isn't everything, this Oliver outputs stock that's smooth and straight. A sectional infeed roller and chip breaker apply uniform pressure on uneven stock, coupled with a driven outfeed roller to

keep your stock moving smoothly. Add 2 feed speeds for extra quality, a digital thickness scale for quick reference and a powerful motor, and you've got a planer that's ready to tackle the toughest tasks.

Cutterhead 3" dia., 5,000 RPM. Byrd inserts 110.

Capacity 22"W x 9" thick. Table 32-1/4"L x 23-3/4"D.

**Includes** dust chute and tools.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>615350</b>	4455.103B	220	7.5	1	<b>WEB</b>
<b>615351</b>	4455.104B	220/440	10	3	<b>WEB</b>

**615351** Please specify voltage. 220V will be shipped if not specified.



## Powermatic 22" Planer with Helical Head

**POWERMATIC** This 1,300-pound heavy duty cast iron planer offers rock solid rigidity and accurate planing for years to come. The hinged top allows easy access to the rollers and knives, and has a 5" dust port for easy attachment to any dust collection system. The anti-kickback fingers and pressure bar are located in close proximity

to the cutterhead for an exceptional finish. The two-speed gearbox with machined detents is quickly changed up front when switching from rough to finish work.

Cutterhead 3-1/4" dia, 4,800 RPM. Knives 150 four-sided inserts. Capacity 22"W x 9-1/4"D. Table 32-1/4"L x 24"W.

**Includes** dust port, adjustable foot pads and tool kit.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656622</b>	1791267	230	7.5	1	<b>WEB</b>
<b>656623</b>	1791268	230	7.5	3	<b>WEB</b>



### Oliver 25" Planer with Helical Head

**Oliver** Helical carbide inserts are indexed for quick changing. Massive cast iron construction throughout allows up to a 1/4" cut. Segmented infeed roller and sectional chip breaker easily handle rough stock. Three-speed gear box provides the perfect feed rate. Control panel with digital readout allows precise thickness settings. Hinged access to cutter head and feed rollers for quick set-up.

Cutterhead 3-3/8" dia., 4,800 RPM. Byrd inserts 125. Capacity 25"W x 9-1/4"D. Table 32"L x 26"D.

**Includes** dust chute and tools.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>615353</b>	4470.101B	240	10	1	<b>WEB</b>
<b>615354</b>	4470.102B	240/440	15	3	<b>WEB</b>

**615354** Please specify voltage. 220V will be shipped if not specified.



### Powermatic 25" Planer with Helical Head

**POWERMATIC** With a digital readout and simple PC controller, setting up table heights is quick and easy. The frame is machined from heavy cast iron and has extra wide side panels that offer rigid bed support and ensure accurate alignment. The planer's segmented, serrated infeed roll with segmented chip breakers has an independent yield of 1/4. The 3-speed feed selector gives woodworkers flexibility by changing feed rates quickly and easily. The Quick-Set micro-adjustable lever easily raises and lowers the table rollers from 0 to 0.05".

Cutterhead 3-3/8" dia., 5,000 RPM.

Knives 174 four-sided carbide inserts, 30,000 CPM.

Capacity 25"W x 10"D. Table 32-3/16"L x 26"D.

**Includes** dust hood and tools.

**Please specify voltage. 230V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656670</b>	1791303	230/460	15	3	<b>WEB</b>



### Mini Planer Pal® Magnetic Planer Jig

**Woodstock** For setting knives on 10" to 12" planers with 1-7/8" to 2-1/8" cutterheads. Universal jig holds knives in position while freeing both hands to tighten the gib. This jig allows you to set knives perfectly every time to within ± .001".

Stk.	Mfr.	Qty.	Price
<b>786835</b>	W1226A	2	<b>WEB</b>



### Planer Pal® Knife Setting Jig

**Woodstock** Knife-setting system lets you set planer knives in perfect alignment every time. It also allows you to shift nicked knives on 2-1/2"- 4" cutterheads to get a perfect cut with an accuracy of ± .002". 2 jigs are needed for 15"- 20" and 3 for planers over 20". Set of 2.

Stk.	Mfr.	Price
<b>786829</b>	W1216A	<b>WEB</b>



### Dial Indicator Kit

**Chicago Brand** Long range indicator with revolution counter and adjustable zero. Compact magnetic base with 22 lb. holding force.

**Includes** rods, clamps & molded case.

Stk.	Mfr.	Graduations	Range	Price
<b>302680</b>	56410	.001"	0"-1"	<b>WEB</b>



### Planer Knives

HSS, single edge knives.

### Delta

Stk.	Mfr.	Fits	Qty.	Price
<b>710602</b>	22-562	22-565, 22-560, TP305, 12-1/2"	2	<b>WEB</b>
<b>710593</b>	22-549	22-555, 22-580 13"	2	<b>WEB</b>
<b>709412</b>	5140043-14	13" x 6"	3	<b>WEB</b>
<b>710591</b>	22-547	TP300 12", dbl edge	2	<b>WEB</b>
<b>711045</b>	22-677	DC-380 15"	3	<b>WEB</b>

### DeWalt

Stk.	Mfr.	Fits	Qty.	Price
<b>243100</b>	DW7332	DW733 12-1/2"	2	<b>WEB</b>
<b>243120</b>	DW7342	DW734 12-1/2"	3	<b>WEB</b>
<b>243121</b>	DW7352	DW735 13"	3	<b>WEB</b>

### JET

Stk.	Mfr.	Fits	Qty.	Price
<b>485690</b>	QCK-15DX	JWP-150X 15"	3	<b>WEB</b>
<b>485684</b>	JWP-16K	JWP-160X 16"	3	<b>WEB</b>

### Powermatic

Stk.	Mfr.	Fits	Qty.	Price
<b>677202</b>	6427003	Model 100 12"	3	<b>WEB</b>
<b>662261</b>	2393005	Model 180 18"	3	<b>WEB</b>
<b>676400</b>	M15-K3	Model 15S 15"	3	<b>WEB</b>
<b>676773</b>	6292621	Model 208, 209 20"	4	<b>WEB</b>
<b>674300</b>	6012179	Model 201 22"	4	<b>WEB</b>

## SHAPERS



### Wood Shaper Model JWS-22CS

**JET** This compact powerhouse features a 7,000 and 9,000 RPM reversing 1-1/2HP motor. The large 22-3/8" x 18-1/8" precision-ground cast iron table provides a large, durable work area. Safe, easy cutter set up is assisted by a positive detent spindle lock. The independent left and right fences feature micro-adjustment, and a built in 4" dust port. Extra-large handwheel is conveniently located for fast, easy and accurate spindle height adjustments. Fully enclosed, heavy-duty steel stand has a removable cover for easy motor access.

Spindle speed 7,000 and 9,000 rpm, reversing. Spindle travel 1-7/16". Spindle size 1/2" and 3/4", under nut 2-3/16". Table opening 5-1/4" dia. Tool Size: 22-1/4" x 25-1/2"D x 38-1/2"H. Weight 192 lbs.

**Includes** dust chute, miter gauge, 3/4" spindle assembly, collet with nut (1/4", 1/2") and tools.

**Includes** dust chute, miter gauge, 3/4" spindle assembly, collet with nut (1/4", 1/2") and tools.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485847</b>	JWS-22CS	115/230	1-1/2	1	<b>WEB</b>



### Industrial Universal Mobile Base

**JET** Spring-pin, quick snap allows tool-free adjustments (width and length) and easy assembly. Sturdy, low-ground clearance. Strong, yet lightweight. 2 fixed & 2 swivel casters. 24" sq. to 34" sq., 1,200 lb. capacity. 5/8" clearance.

Stk.	Mfr.	Price
<b>485786</b>	JMB-UMB-HD	<b>WEB</b>

## Wood Shaper Model 35X



**J E T** This heavy-duty shaper has a powerful 3 HP, 1 Ph motor with magnetic controls. 4-speed step pulley drive with quick release lever allows you to select the best speed and torque for different cutter diameters. The spindle is reversible, and receives maximum power transfer from the v-belt. The independently adjustable extruded aluminum fences have micro adjust controls for precise po-

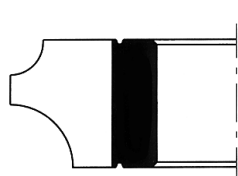
sitioning. Precision ground cast iron table provides a durable work area, predrilled for power feeder.

Spindle speed 4,000, 6,000, 8,000, 10,000 rpm, reversing. Spindle travel 4". Spindle size 1-1/4", under nut 4". Table opening 6-19/64" dia. Inserts 2. Tool size 32-1/4"L x 28-1/4"W x 42-3/8"H. Tool weight 475 lbs.

**Includes** 1-1/4" spindle, fence, 2 feather boards and miter gauge.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486002</b>	JWS-35X3-I	230	3	1	<b>WEB</b>

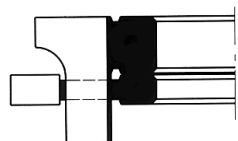
## 1/4" & 1/2" Round Over Cutter



**Freud** Get 2 cutters in 1: 1 part is a 1/4" rounding over cutter; the other is a 1/2" rounding over cutter. Can also be used to create new molding profiles and as a beading cutter.

Stk.	Mfr.	Overall Dia.	Carbide Height	Large Radius	Small Radius	Bore Dia.	Price
<b>412266</b>	EC044-IC	2-7/8"	1"	1/2"	1/4"	3/4"	<b>WEB</b>

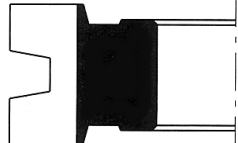
## Cabinet Door Cutter Set



**Freud** Male and female cutter sets that are perfect for high production needs in cabinetry and door making. Shims are included to allow you to maintain perfect joints through many sharpenings. Each cutter is balanced and has thick carbide tips for maximum sharpening life.

Stk.	Mfr.	Overall Dia.	Cut Depth	Carbide Height	Tenon Thick	Tenon Length	Large Radius	Bore Dia.	Price
<b>412287</b>	EC261-IC	2-11/16"	1 1/32"	1"	15/64"	7/16"	9/32"	3/4"	<b>WEB</b>

## Wedge Tongue & Groove Cutters



**Freud** Cutters produce exceptionally strong joints when gluing up boards edge to edge. This design gives an increased amount of gluing area for maximum strength.

## Tongue Cutter

Stk.	Mfr.	Overall Dia.	Cut Depth	Carbide Height	Minor Height	Angle	Bore Dia.	Price
<b>412263</b>	EC032-IC	2-7/8"	5/16"	1-7/64"	3/8"	20°	3/4"	<b>WEB</b>

## Groove Cutter

Stk.	Mfr.	Overall Dia.	Cut Depth	Carbide Height	Minor Height	Angle	Bore Dia.	Price
<b>412264</b>	EC033-IC	2-7/8"	5/16"	1-7/64"	3/8"	20°	3/4"	<b>WEB</b>

## LATHES



## JET 10" Mini Lathe

**J E T** The ideal choice for the novice woodturner looking for an affordable, user-friendly first lathe, as well as the advanced enthusiast or professional who wants to add a full-featured mini-lathe to the shop. This sturdy, smooth-running mini-lathe has the power, precision and versatility to turn out any number of projects. Integrated 24 position indexing, improved tensioning system with easier access to belts, wider bed ways provide increased rigidity.

Speed Range 500-3,975 (JWL-1015), 200-1,050, 300-1,750 and 600-3,600 (JWL-1015VS). Spindle Thread 1"x 8 TPI.

Swing 10" over bed, 7-5/16" over tool rest base.

Distance between centers 15-1/2".

Head and tailstock taper MT-2, through hole 3/8".

**Includes** live center, spur center, knockout rod, tool support and face plate.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486052</b>	JWL-1015	115	1/2	1	<b>WEB</b>

## Variable Speed

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486053</b>	JWL-1015VS	115	1/2	1	<b>WEB</b>



## JET 12" VS Lathe

**J E T** Optimally designed speed ranges and 24 integrated indexing positions. Forward to reverse is a smooth transition. Innovative ratchet style belt tension system. Integrated, spring loaded spindle lock. Acme thread in tailstock.

Speed Range VS 60-3,600. Spindle Thread 1"-8 TPI.

Swing 12-1/2" over bed, 9.45" over tool rest base.

Distance between centers 20-1/2".

Head and tailstock taper MT-2, through hole 3/8".

**Includes** live center, spur center, spindle wrench, knockout rod, 2 tool cad-dies, 6" and 10" tool supports and face plate.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486022</b>	JWL-1221VS	115	1	1	<b>WEB</b>



## Rikon 12" Mini Lathe

**Rikon** Ideal for beginning turners because of its simple design, but also for the sturdy construction that will last for years of reliable use.

Six speed settings and indexing head give all of

the RPM ranges needed for roughing billets, turning to final shape and then finishing projects on the machine. Headstock pulley guard tilts open for easy belt changes. Spindle rotates forward, only.

Speed Range 430, 810, 1,230, 1,810, 2,670, 3,900.

Spindle Thread 1" x 8 TPI. Swing 12" over bed. 9-1/2" swing over tool rest.

Distance between centers 16". Head & tailstock taper MT2.

**Includes** spur center, live center, 3" faceplate, tool rest, knock-out bar, wrenches and tool holder.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>694279</b>	70-100	115	3/4	1	<b>WEB</b>





### Delta 12-1/2" VS MIDI Lathe

**DELTA** Electronic VS with 3-pulley speed ranges provide the required speeds needed to turn a project without changing belt position. Forward and reversing function allows

the turner to achieve a superior finish. Patented belt tensioning system sets the belt at the correct tension every time for maximum power transfer and longer tool life. Indexing pin to lock the head stock spindle in 24 different locations for fluting and other decorative applications.

Speed Range 250-700, 600-1,800 and 1,350-4,000 RPM.

Spindle Thread 1"-8 TPI.

Swing 12-1/2" over bed, 9-9/16" over tool rest base.

Distance between centers 16-1/2" (40" with extension).

Head and tailstock taper MT-2, through hole 15/32".

**Includes** live center, spur center, face plate, knockout bar, 6" and 10" tool rest and wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>751841</b>	46-460	120	1	1	<b>WEB</b>

#### Stand

Stk.	Mfr.	Volts	HP	Phase	Price
<b>751843</b>	46-462				<b>WEB</b>



### JET 14" Wood Lathe

**JET** Accomplish a wide range of projects with this lathe from JET. With a sliding and pivoting headstock, variable speed, and many other great features, this lathe meets the needs of woodturners. Headstock slides for maximum versatility. Improved tailstock quill locking with anti-rotation key. Easy-to-

read RPM display. Positive locking tool rest with redesigned clamping.

Speed Range VS 400-3000 RPM. Spindle Thread 1"-8 TPI.

Swing over bed 14-1/2", 11" over tool rest base.

Distance between centers 40".

Head and tailstock taper MT-2, through hole 3/8".

**Includes** tool support, spur center, live cone center, knockout rod, faceplate, tool rest and extension and hardware package.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486029</b>	JWL-1440VSK	115/230	1	1	<b>WEB</b>



### Nova 14" Comet 14 DR Midi Lathe

**NOVA** Comet 14 DR continues the legacy of the Comet Midi Lathe with expanded capacity and digital functionality. Solid cast iron lathe with digital readout and a 14" swing capacity. It's the ideal solution for a wide variety of projects from small pens to larger bowls and

platters. Quick action cam controls, with rubber grip.

Speed Range 250-3,450 rpm. Spindle Thread 1" x 8 TPI.

Swing over bed 14". Distance between centers 18.5".

Head and tailstock taper MT-2, through hole 3/8".

**Includes** faceplate, toolrest, live center, spur center and knock out bar.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>892455</b>	46900	120	1	1	<b>WEB</b>



### Powermatic 14" VS Wood Lathe

**POWERMATIC** Allows for 14" swing over the bed and 20" between centers. Can be increased by optional 13" bed extension. Cast iron construction helps reduce vibration when turning larger, rougher pieces. Magnetic control box shows digital indexing and spindle speed with 24 positive indexing positions. Adjusts from 34-46" so it's easy-to-use for students of all heights.

Speed Range VS 15-3,600. Spindle Thread 1"-8 TPI.

Swing 14-1/4" over bed. Distance between centers 19-1/4".

Head and tailstock taper MT-2, through hole 3/8".

**Includes** stand, toolrest, knockout rod, face plate, spur center, live center, tool caddy and wrench.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656696</b>	1792014AK	115/230	1	1	<b>WEB</b>



### JET 16" VS Lathe

**JET** This woodworking lathe is loaded with cutting edge features that distinguish it from others in its class. Includes a sliding headstock, and a newly designed headstock locking handle. Extended spindle nose houses dual headstock spindle bearings. 36 integrated indexing positions. Rubber tool mat on top of headstock.

Speed Range VS 40-3,200. Spindle Thread 1"-8 TPI.

Swing 16-1/2" over bed, 12-7/8" over tool rest base.

Distance between centers 40".

Head and tailstock taper MT-2, through hole 3/8".

**Includes** spur center, live center, knockout rod, faceplate and tool shelf.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486092</b>	JWL-1640EVS	230	1-1/2	3	<b>WEB</b>



### Oliver 18" VS Lathe

**Oliver** All cast iron construction reduces vibration. Sliding headstock allows outboard turning. Digital readout of spindle speed for accurate adjustment. Reversible motor allows a variety of operations. Optional bed extension mounts in 2 positions. Built-in spindle index features 36-positions.

Speed Range VS 50-3,200. Spindle Thread 1"-8 TPI. Swing over bed 18". Distance between centers 42".

Head and tailstock taper MT-2, through hole 9/16".

**Includes** 2 comparator centers, tool rest, safety guard, knockout rod and motor tension rod.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>615315</b>	2018.002	220	2	1	<b>WEB</b>



### Laguna Revo Wood Lathe, 18" x 36"

**Laguna** Ergonomic angled control panel is made from anodized aluminum. The knurled control knob has a rubber grip and all fine adjustments are made electronically. The bed is made from long-lasting and strong steel which

allows the cast-iron headstock to travel smoothly. A VFD converts 1 phase input to 3 phase output for an electronic variable speed that provides incredible amounts of torque, even at low settings.

Speed Range VS 50-3,500. Spindle Thread 1-1/4"-8 TPI.

Swing over bed 18". Distance between centers 36".

Head and tailstock taper MT-2, through hole 3/8".

**Includes** tool rest, tool storage and adjustable feet.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>502129</b>	MLAREVO-1836-110	110	1.5	1	<b>WEB</b>



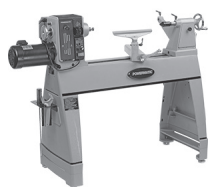
### Powermatic 20" 2020B VS Short Bed Lathe

**POWERMATIC** Ideal for turners short on space, or projects where a short bed is convenient. It features a sliding headstock, electronic variable speed with low and high speed ranges, and spindle lock. The enhanced features include a digital RPM readout, built in spindle indexing on the head stock, and a re-designed tailstock. Also features a 2-position mount for the optional bed extension, a sliding hammer knockout rod with brass tip, an attached tool caddy and a metal shelf for tool storage.

Speed Range VS 50-3,200. Spindle Thread 1-1/4" x 8 TPI. Swing over bed 20", 17" over tool rest base. Distance between centers 20". Head and tailstock taper MT-2, through hole 3/8".

**Includes** guard, tool support, face plate, live center, spur center, knock-out rod and tool caddy.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656679</b>	1792020	230	2	1 or 3	<b>WEB</b>



### Powermatic 20" 3520CVS Lathe

**POWERMATIC** Lathe has a sliding headstock, electronic VS with low and high speed ranges, spindle lock, digital RPM readout, and a laser etched quill that is self-ejecting. Movable control box for maximum versatility and adjustable riser blocks for 6" or more of height adjustment. Additional features include a digital indexing readout, an anti-rotation tailstock key for smoother operation, a set of dead centers which hold a spindle for visual comparison, a 2-position mount for the optional bed extension and a sliding hammer knockout rod with brass tip.

Speed Range 15-3,200. Spindle Thread 1-1/4" x 8 TPI. Swing over bed 20", 15-3/4" over tool rest base. Distance between centers 36". Head and tailstock taper MT-2, through hole 5/8".

**Includes** 2 comparator centers, spur center, ball bearing live center, knock-out rod, face plate, tool support, tool caddy and 2 riser blocks.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>653908</b>	1353001	230	2	1	<b>WEB</b>



### Powermatic 24" 422B VS Lathe with Lamp Kit

**POWERMATIC** The newest member of the industry-leading family of lathes expands the limits of creative possibility. Sliding headstock with electronic VS and digital RPM readout for accurate speed adjustments. Chrome trimmed handwheels are ergonomic. Magnetic-backed remote on/off switch can be moved anywhere on the machine.

A variable frequency drive provides 1- or 3-phase power. Two 100W task lamps provide ideal lighting.

Speed Range 40-3,500. Spindle Thread 1-1/4" x 8 TPI. Swing over bed 24", 19-1/4" over tool rest base. Distance between centers 42".

Head and tailstock taper MT-2, through hole 5/8".

**Includes** 2 lamps, spur and live centers, air blow gun with hose, vacuum adaptor, knock-out rod, tool rest, tool caddy, guard and face plate, tools and hardware package.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656700</b>	1794224K	220	3	1 or 3	<b>WEB</b>

### Powermatic 20" & 24" Lathe Accessories

#### POWERMATIC

##### Bowl Turning Lathe Tool Supports

Stk.	Mfr.	Size	Price
<b>676810</b>	6294740	Right-hand	<b>WEB</b>
<b>676821</b>	6294751	Left-hand	<b>WEB</b>

##### Lathe Faceplate

Stk.	Mfr.	Size	Price
<b>676806</b>	6294736	3" dia.	<b>WEB</b>

##### Lathe Spur Center

Stk.	Mfr.	Size	Price
<b>676800</b>	6294725	1"	<b>WEB</b>

##### Lathe Tool Supports

Stk.	Mfr.	Size	Price
<b>676809</b>	6294739	6"	<b>WEB</b>
<b>676812</b>	6294742	14"	<b>WEB</b>



#### Beeswax

**Lundmark** Lubricant for wood screws, nails, lathes, molds and more.

Stk.	Mfr.	Size	Price
<b>943341</b>	9105W54	2 oz.	<b>WEB</b>



#### Lite G3 Pen Turning Chuck Bundle

**NOVA** Easily convert your NOVA chuck into a fast and accurate pen blank drilling facility, with this bundle. Chuck is precisely machined from 1045 machine grade steel and comes with an anti-release spindle lock. It is threaded 1" x 8 TPI RH version, exclusively for use on the NOVA

Comet II Mini Lathe. The big jaw profile provides a vibration-free, solid grip for all sizes of pen blanks and an accurate centered hole every time.

**Includes** chuck, 2" jaws, pen plus jaws, mandrel saver, sliding T-Bar handle, woodworm screw, fastenings and molded case.

**WILL NOT ACCEPT CHUCK ADAPTOR. Will only accept NOVA Spindle Adaptors 9085 or 9084. NOVA accessories are designed for use only on NOVA Chucks. Do not use on any other chuck.**

Stk.	Mfr.	Price
<b>892474</b>	48306	<b>WEB</b>

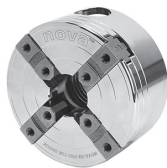


#### Pro-Tek Supernova2 Insert Chuck and Jaws

**NOVA** Recommended for lathes from 14" to 20" swing. Premium rust resistant nickel plating, ideal for turning green wood. Precision laser etched jaw numbering, stand out NOVA RED backing plate adds additional safety.

**Includes** chuck body, tilt T-handle, jaw set, grub screw, 2 fiber washers, hex key, 8 jaw screws, Star T-handle, safe lock screw and workshop cloth.

Stk.	Mfr.	Price
<b>892423</b>	23262	<b>WEB</b>



### Pro-Tek G3 Direct Thread 1" x 8 TPI Reversible Chuck and Jaws

**NOVA** Chuck recommended for 10" to 16" lathes. Premium rust resistant nickel plating, ideal for turning green wood. Jaw mounting profile is cross-compatible with all NOVA chucks.

**Includes** chuck body, sliding T-handle, jaw set, grub screw, 2 fiber washers, hex key, 8 jaw screws, Star T-handle, safe lock screw and workshop cloth.

**Insert chucks require an insert, sold separately.**

Stk.	Mfr.	Price
<b>892473</b>	48291	<b>WEB</b>



### Pro-Tek Jaws For Nova Chucks

**NOVA** The improved dovetail and serrated profile of these jaws provide maximum control, a stronger hold, and more versatility. They pull your project into the chuck and hold round and square blanks firmly.

**Includes** 8 upgraded 6-point star fasteners, and star head wrench.

**Only use authentic NOVA accessories on your NOVA chuck. Using non-genuine NOVA and copies of accessories could lead to operation and safety issues and will void the warranty.**

Stk.	Mfr.	Price
<b>892485</b>	6087	<b>WEB</b>



### Face Plates

**NOVA** Face plate machined from cast iron, for maximum strength and accuracy. Plated to ensure long life, even when turning green woods. Features 4 fastening points for ultra secure holding. Through holes for easy mounting of work piece.

Stk.	Mfr.	Size	Price
<b>892510</b>	9029	3" dia., 1" x 8 TPI	<b>WEB</b>
<b>892511</b>	9030	6" dia., 1" x 8 TPI	<b>WEB</b>



### Tool Rests

**NOVA** Toolrest with solid cast iron top and 1" shank. For smaller work when you don't want a tool rest to get in the way.

Stk.	Mfr.	Size	Price
<b>892415</b>	TR100/I	4"L	<b>WEB</b>
<b>892416</b>	TR300/I	12"L	<b>WEB</b>



### Live Center System

**NOVA** Unique combination center system provides a high quality, comprehensive tailstock support for virtually all spindle turning requirements. Precision machined and 3 bearings for maximum long life.

**Includes** quick change morse taper (2MT), threaded center, 60° center, stepped cone and manual.

Stk.	Mfr.	Price
<b>892475</b>	5015	<b>WEB</b>



### 8-Piece Lathe Turning Tool Set

**Steelex** Proportionally longer handles to cutting tools, chisels offer outstanding control. 4-1/2"L

**Includes** 1/2" spear point, 1/8" parting tool, 1/4" 1/2" and 3/4" gouges, 1/2" round nose and 1" and 1-1/2" skew chisels.

Stk.	Mfr.	Price
<b>785620</b>	D2228	<b>WEB</b>



### Lathe Turning Tool Sets

**Great Neck** Each blade in this 8-piece wood turning set is made from drop-forged, hardened and fully-polished steel. They're precision ground and beveled for accurate cuts. Handles are made from kiln-dried hardwood and have an ergonomic shape for comfort.

**8-Piece Includes** 1/2" and 1" skew chisels, 3/8", 5/8" and 1" gouges, 1/2" spear round nose, 1/2" spear point and 1/2" parting tool.

Stk.	Mfr.	Price
<b>281065</b>	800	<b>WEB</b>



### 5-Piece Turning Chisel Set

**Steelex** For fine detail turning. Hardwood handles and high quality carbon steel cutting edges.

**Includes** 1/16" and 1/8" radius gouge, 3/16" parting tool, 1/4" spear point and 1/4" skew.

Stk.	Mfr.	Price
<b>785629</b>	D2250	<b>WEB</b>



### 6-Piece Deluxe Lathe Chisel Set

**Steelex** For serious wood turners, this set features beefy ash handles for unsurpassed control, brass ferrules and high speed steel blades. 17" to 19"L.

**Includes** 15/16" parting tool, 13/16" round nose, 3/8" bowl gouge, 1" skew, 5/8" roughing gouge, 3/8" spindle gouge and case.

Stk.	Mfr.	Price
<b>785632</b>	D2304	<b>WEB</b>



### Center Finder

**Robert Larson** Locates the exact center in a piece of wood in seconds without calculations. 8" max. for circle, octagon, square and 5-3/4" max. for hexagon.

Stk.	Mfr.	Size	Price
<b>768875</b>	800-2875	9"L x 6"W x 1/2"H	<b>WEB</b>

## BELT & DISC SANDERS



### JET 6" x 48" Belt Sander

**J E T** Variable position locks for both vertical and horizontal belt head adjustments, removable/adjustable heavy-duty cast iron platen and tilting table permit premium contour finishes, as well as plain and compound mitering. Removable upper belt guard for contour finishing. Completely enclosed drums and guarded sanding belt. Heavy-duty one-piece steel stand.

Belt 6" x 48", 2,850 sfpm.

Table 7-3/8"L x 14-3/4"W, tilt 45° out, 20° in.

**Includes** miter gauge.

**Please specify voltage.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>961509</b>	J-4300A	115/230	1-1/2	1	<b>WEB</b>
<b>961510</b>	J-4301A	230/460	1-1/2	3	<b>WEB</b>



### Delta 12" Disc Sander

**ΔDELTA** Features a tilting cast-iron table with left and right positive stops at 22.5°, 45°, and 90° lock in positions with one dual-purpose lock and bevel table adjustment handle. The top mounted manual brake stops the sanding disc in

seconds. Heavy-duty 12" dia. steel disc plate with an 80-grit abrasive disc for fast, efficient sanding. Dust hose with 2-1/4" OD connectors attaches quickly to any standard shop vacuum.

Disc 12", 1,725 rpm. Table 17-1/4"L x 6-1/4"W, tilt 45° up/down.

**Includes** miter gauge, hose, abrasive disc and wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>726570</b>	31-140	120	1/2	1	<b>WEB</b>



### Rikon 12" Disc Sander

**Rikon** This is the type of direct drive sander that professional shops favor for fitting and finishing operations. Rack-and-pinion table adjustment. Manual disc brake. Paddle on/off switch. Steel disc plate.

Disc 12", 1,720 rpm.

Table 17-1/8" x 6-1/2", tilt 45° up and down.

**Includes** miter gauge and sanding disc.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>694227</b>	51-200	120	1/2	1	<b>WEB</b>



### JET 12" Disc Sander

**J E T** Finishing machine enables you to put both metal and wood to the disc, with equally superior results. A fully machined, balanced disc eliminates vibration, and the defects that might otherwise occur. Achieve plain and compound mitering for unique finishes. Plain and compound miters are easily obtained by using the standard die cast aluminum miter gauge. Heavy duty one piece steel stand.

Disc 12", 1,960 rpm. Table 12"L x 16-3/8"W, tilt 45° out, 15° in.

**Includes** miter gauge.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>961511</b>	J-4400A	115/230	1-1/2	1	<b>WEB</b>



### Baileigh 20" Disc Sander

**Baileigh** Disc sander runs on 220V single-phase power and will work in almost any fabrication or machine shop. Strong, reliable 2 HP motor. Easy-to-use hand wheel adjustment lets you position the chamfer up to 45° vertically. Entire worktable can be moved up or down the column via hand wheel adjustment. Cast iron base and worktable reduce vibrations.

Disc 20", 1,100 rpm.

Table 25-1/2"L x 14-1/2"W, tilt 45° down, 30° up.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>222575</b>	DG-500	220	2	1	<b>WEB</b>



### Rikon 1" x 30" Belt / 5" Disc Sander

**Rikon** Great for working on small craft projects, repair work and more. The machine's small motor is very efficient in driving the belt and disc, so stock removal goes quickly. Recommended for light-duty use.

Belt 1" x 30", 3,270 sfpm. Table 5-3/4" dia, tilt 0 to 45°.

Disc 5", 3,450 rpm. Table 7-1/4" x 3-3/4", tilt 0 to 45°.

**Includes** miter gauge, disc and belt.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>694225</b>	50-151	120	1/3	1	<b>WEB</b>



### Rikon 1" x 42" Belt / 8" Disc

**Rikon** Belt and disc sander is a powerful combination machine for larger surfacing projects. Its scaled-up design with cast iron frame and tables are made for heavier duty work. Large handles make adjusting table angles easy. Cast iron and steel construction.

Belt 1" x 42", 3,000 sfpm. Table 7-1/4" x 3-3/4", tilt 0 to 45°.

Disc 8", 1,725 rpm. Table 10" x 4", tilt 0 to 45°.

**Includes** miter gauge, belt, disc, hardware and wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>694223</b>	50-144	120	5/8	1	<b>WEB</b>



### JET 1" x 42" Belt / 8" Disc Sander

**J E T** The design of this machine permits sanding, grinding and finishing of outside curves or odd-shaped pieces. Heavy-duty base, cast construction and cast iron tilting table. Deluxe miter gauge, removable platen, hinged idler wheel cover, adjustable dust deflector and dust chute.

Belt 1" x 42", 3,000 sfpm. Table 6-1/8" x 7-1/8", tilt 45° out.

Disc 8", 1,725 rpm. Table 4" x 10", tilt 45° out.

**Includes** disc and belt.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485995</b>	J-4002	115	1/3	1	<b>WEB</b>



### JET 2" x 42" Belt / 8" Disc Sander

**J E T** The design of this machine permits sanding, grinding and finishing of outside curves or odd-shaped pieces. Abrasive belt unit removes material and finishes at the same time, allowing the operator to get into small openings, plus handle odd shapes and angles. Cast iron construction, deluxe miter gauge and removable platen.

Belt 2" x 42", 3,100 sfpm. Table 10"L x 6"W, tilt 45° out.

Disc 8", 3,450 rpm. Table 10-3/4" x 7-1/2", tilt 45° out.

**Includes** disc and belt.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486017</b>	J-41002	115	3/4	1	<b>WEB</b>





### General Intl 4" x 36" Belt / 6" Disc Sander

**General Intl.** This disc sander was built for versatility with its 0 to 45° tilting aluminum work table which can be adjusted for miter polishing. The belt sander tilts to work horizontally

and vertically for grinding and polishing flat surfaces. Quick release system for belt changes and belt is easily adjusted with the tracking knob. Cast iron, steel and aluminum construction.

Belt 4" x 36", 2,410 sfpm. Table 16-1/2" x 4-7/8", tilts 45° down.

Disc 6", 3,450 rpm. Table 6-1/4" x 8-7/8", tilts 90°.

**Includes** miter gauge, sanding disc and belt.

Stk.	Mfr.	Volts	Phase	Price
<b>420920</b>	BD7004	120	1	<b>WEB</b>



### Rikon 4" x 36" Belt / 6" Disc Sander

**Rikon** Belt frame adjusts in any position from horizontal to vertical to meet your sanding needs. The belt's support fence can be removed for full access to the whole length of the belt, and with the sanding disc positioned below the belt, it will not interfere with belt

sanding of wide projects that overhang the frame. Machine features heavy cast iron base, quick release belt lever, and sanding disc with tilting table for fine, detail work.

Belt 4" x 36", 1,900 sfpm. Table tilt 0 to 90°.

Disc 6", 3,450 rpm. Table 9" x 6-1/4", tilt 0 to 45°.

**Includes** miter gauge, belt and disc.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>694198</b>	50-112	120	1/2	1	<b>WEB</b>



### Rockwell 4" x 36" Belt / 6" Disc Sander

**Rockwell** Make arcs, curves, contours and more. 4.3 Amp heavy duty induction motor for dependable performance. Quik-release belt tension lever for easy belt changes.

Belt 4" x 36", 1,700 sfpm. Platform tilts 0 to 90°.

Disc 6", 3,600 rpm. Table tilts 0 to 45°.

**Includes** miter gauge, belt, disc and wrench.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>693875</b>	RK7866	120	1/2	1	<b>WEB</b>



### Skil 4" x 36" Belt / 6" Disc Sander

**SKIL** Use the disc for exacting edge work and the belt for flattening surfaces, creating contours and smoothing inside curves. The adjustable tabletop and belt angle let you sand up

to 90°. Sand miter angles with the miter gauge. Belt tracking stays secure with tension spring adjustment. It mounts easily to a benchtop with the pre-drilled holes in the base. There's also a dust port for a 2-1/2" vacuum hose to help control dust.

Belt 4" x 36", 3,450 rpm. Table 7.4" x 5".

**Includes** disc, belt, miter gauge and wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>260571</b>	3376-01	120	.4	1	<b>WEB</b>



### JET 6" x 48" Belt / 9" Disc Sander

**JET** Sander combines a 9" disc and 6" belt for workshop versatility. While small and compact, it offers industrial 3/4 HP power while taking up a small footprint in your shop. A quick-release belt tension lever makes changes fast and easy while a quick-lock dust cover allows fast disc changes. Graphite covered steel platen runs cooler increasing machine and belt life. Drive drum is rubber-coated for a better grip on the sanding belt resulting in less slippage.

Belt 6" x 48", 2,258 rpm. Table 11" x 5-1/2", 10° up, 45° down.

Disc 9", 1,725 rpm. Table 12" x 7-1/2", tilt 10° up, 45° down.

**Includes** miter gauge, belt, disc and center point.

Open Stand					
Stk.	Mfr.	Volts	HP	Phase	Price
<b>486003</b>	JSG-96OS	115	3/4	1	<b>WEB</b>

Enclosed Stand					
Stk.	Mfr.	Volts	HP	Phase	Price
<b>486004</b>	JSG-96CS	115	3/4	1	<b>WEB</b>



### Rikon 6" x 48" / 10" Disc Sander

**Rikon** Sander with stand offers woodworkers a powerful motor, re-designed base of sturdy, heavy gauge sheet steel, higher positioned disc location, cast aluminum disc table with patented rack-and-pinion table angle-setting handle system.

Belt 6" x 48", 1,836 sfpm.

Table 8-3/16" x 2-1/8", tilt 0 to 90°.

Disc 10", 2,510 rpm. Table 13" x 6-5/8", tilt 0 to 45°.

**Includes** miter gauge, belt, disc and wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>694220</b>	50-122	120	1	1	<b>WEB</b>



### JET 6" x 48" Belt / 12" Disc Sander

**JET** Combines a 12" disc and 6" belt to provide 1.5 HP sanding power. The exclusive dual thumbscrew belt tracking adjustment locks to keep the belt on track while tackling any tough application. The sander boasts both a quick release belt tension lever and a quick lock dust cover for the disc. The built-in handle allows for easy portability around the workshop while the included stand saves room on your workbench. Graphite covered steel platen runs cooler increasing machine and belt life.

Belt 6" x 48", 2,500 rpm. Table 10" x 6", tilt 25° up, 45° down.

Disc 12", 1,725 rpm. Table 12-1/2" x 7", tilt 25° up, 45° down.

**Includes** miter gauge, belt, disc and hardware.

**Please specify voltage. 115V will be shipped if not specified.**

Open Stand					
Stk.	Mfr.	Volts	HP	Phase	Price
<b>485849</b>	JSG-6DCK	115/230	1-1/2	1	<b>WEB</b>

Enclosed Stand					
Stk.	Mfr.	Volts	HP	Phase	Price
<b>485899</b>	JSG-6CS	115/230	1-1/2	1	<b>WEB</b>



### Powermatic 6" x 48" / 12" Disc Sander

**POWERMATIC** Full cast iron construction is great for heavy woodworking. The dual dust port keeps both belt and disc portions clean, extending abrasive life. The articulating table mounted on the belt sander head can be used vertically, horizontally, or angled. The belt head has an indexing pin with stops at 0, 45° and 90° and the head lock allows use at any angle in between. Removing the top guard allows contour sanding and the cast iron tables with miter gauge slots and positive stops make set-up fast, accurate, and simple for any angle.

Belt 6" x 48", 2,410 rpm. Table 13-1/4" x 7-1/2" x 6", 45° down. Disc 12", 2,375 rpm. Table 9" x 17-1/4", tilt 15° up, 45° down.

**Includes** miter gauge, belt, disc and fence.

**Please specify voltage.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656656</b>	1791291K	115/230	1-1/2	1	<b>WEB</b>
<b>656657</b>	1791292K	230/460	2	3	<b>WEB</b>

**656657** 460V requires additional magnetic switch Mfr. 31A-MSA-2, sold separately.



### Metal Dust Collector Stand

**JET** JET'S dust collection stand is great for collecting abrasive dust from most bench grinders and bench top belt and disc sanders. Turbo fan design provides a maximum of 472 CFM of air movement for effective metal dust collection. Non-sparking aluminum fan blade and housing eliminates the risk of fire during the collection of abrasive dust and chips. Heavy-duty 16-gauge steel construction.

Max. hose velocity 3,465 SFPM. Static pressure (WC) 748. Max. static pressure (WC.) 2,440. Filter efficiency 90% @ 50 Microns. Sound rating 75 db @ 10'.

**Includes** water trays, inlet adaptor assembly, foot pads and wrench.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486043</b>	JDCS-505	115	1/2	1	<b>WEB</b>



### Universal Tool Table

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>



### Tool Table & Universal Stand

**Shop Fox** This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

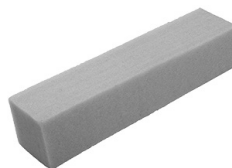
Stk.	Mfr.	Price
<b>785720</b>	D3640	<b>WEB</b>



### Belt & Disc Cleaner

**Woodstock** Pro-Stik® cleans all belts and discs for longer life. Improves finish quality. Quick, easy to use. For belt & disc sanders.

Stk.	Mfr.	Size	Price
<b>786800</b>	W1305	1-3/8" x 1-3/8" x 8-1/2"	<b>WEB</b>
<b>786802</b>	W1307	2" x 2" x 12"	<b>WEB</b>



### Norton Belt/Disc Cleaner

**NORTON** Prolong the life of sandpaper with this natural rubber cleaning eraser stick. Simply rub the stick across the sandpaper's surface to remove dust, wood particles, sap, metal shavings, paint, wood resin and other residue from belt sanders, disc sanders, drum sanders and more.

Stk.	Mfr.	Size	Price
<b>600415</b>	01717	1-3/8" x 1-3/8" x 6"	<b>WEB</b>



### Feathering Disc Adhesive

**3M** Allows multiple disc applications w/out buildup or paper delamination. Discs remove easily & cleanly.

Stk.	Mfr.	Size	Price
<b>590401</b>	08051	5 oz.	<b>WEB</b>



### Spray Adhesive

**Elmer's** Aerosol spray adhesive for general use when a strong, permanent bond is desired. Stronger tack, quick dry, dries clear, resists bleed through, will not swell or warp, water resistant, acid free. Conforms to ASTM D 4236. ACM Certified.

Stk.	Mfr.	Bond	Qty.	Price
<b>257620</b>	E451	Standard	11 oz.	<b>WEB</b>
<b>257623</b>	E456	Extra Strength	10 oz.	<b>WEB</b>



### Spray Adhesive 20

**3M** Versatile adhesive works well with a range of lightweight materials and provides fast results - bond time takes as little as 15 seconds! Spray formula is easy to dispense, offering a highly-accurate, variable-width lace spray pattern. Aggressive tack. High initial grab.

Stk.	Mfr.	Size	Price
<b>590266</b>	20	13.80 oz.	<b>WEB</b>



### Super 77™ Multipurpose Adhesive Aerosol

**3M** High-tack, high-coverage and fast-drying adhesive with lower VOC formula. Bonds many foils, plastics, paper foams, paper, cardboard and metals to painted or unpainted metals, wood and hardboard. Fast, aggressive tack with strength to 10 psi. 220 sq./ft. per can. Heat resistant to 110°F. FDA acceptable (21 CFR 175.10).

Stk.	Mfr.	Size	Price
<b>590400</b>	77	16.5 oz.	<b>WEB</b>

### Stick & Sand® Cloth Sanding Disc

**NORTON** Adhesive backed aluminum oxide cloth discs. For rough sanding of primed and painted surfaces, stripping paints and primers, blending, leveling and finishing, sanding inside and outside corners, contours or flat surfaces, and heavy stock removal of wood, metal, plastic and fiberglass.

Stk.	Mfr.	Dia.	Grit	Qty.	Price
<b>607250</b>	36355	8"	120	1	<b>WEB</b>
<b>607254</b>	36354	8"	80	1	<b>WEB</b>
<b>600480</b>	01973	9"	120	2	<b>WEB</b>
<b>600481</b>	01975	9"	80	2	<b>WEB</b>
<b>606650</b>	36613	12"	120	1	<b>WEB</b>
<b>606652</b>	36614	12"	100	1	<b>WEB</b>
<b>606654</b>	36615	12"	80	1	<b>WEB</b>
<b>606655</b>	36620	12"	60	1	<b>WEB</b>
<b>606658</b>	36630	12"	40	1	<b>WEB</b>

## 1"W x 30"L Sanding Belts

**Diablo** Premium 3-piece assorted belt pack includes all the grits needed to complete your general sanding project. Designed to improve performance, extend sanding life and increase productivity.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>412042</b>	DCBI30VGPS03G	1"W x 30"L	50, 80, 120	3	<b>WEB</b>

## 1"W x 42"L Sanding Belt

**NORTON** Close coat, aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>603433</b>	20885	1"W x 42"L	120	1	<b>WEB</b>
<b>603432</b>	20890	1"W x 42"L	100	1	<b>WEB</b>
<b>603431</b>	20895	1"W x 42"L	80	1	<b>WEB</b>
<b>603430</b>	20900	1"W x 42"L	60	1	<b>WEB</b>

## 2"W x 42"L Sanding Belt

**Surf-Pro** Close coat aluminum oxide abrasive, resin-bonded on X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>682870</b>	SP10B02042040A	2"W x 42"L	40	1	<b>WEB</b>
<b>682871</b>	SP10B02042060A	2"W x 42"L	60	1	<b>WEB</b>
<b>682872</b>	SP10B02042080A	2"W x 42"L	80	1	<b>WEB</b>
<b>682873</b>	SP10B02042120A	2"W x 42"L	120	1	<b>WEB</b>

## Sanding Belts

**NORTON** Open coat, aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>604524</b>	27960	4"W x 36"L	60	1	<b>WEB</b>
<b>604521</b>	27959	4"W x 36"L	80	1	<b>WEB</b>
<b>604523</b>	27958	4"W x 36"L	100	1	<b>WEB</b>
<b>604520</b>	27957	4"W x 36"L	120	1	<b>WEB</b>
<b>606385</b>	27985	6"W x 48"L	50	1	<b>WEB</b>
<b>606380</b>	27984	6"W x 48"L	60	1	<b>WEB</b>
<b>606371</b>	27983	6"W x 48"L	80	1	<b>WEB</b>
<b>606314</b>	27982	6"W x 48"L	100	1	<b>WEB</b>
<b>606305</b>	27981	6"W x 48"L	120	1	<b>WEB</b>

## 4"W x 60"L Sanding Belt

**Kalamazoo** Open coat aluminum oxide abrasive, resin-bonded on X weight paper.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>491150</b>	KB46050	4"W x 60"L	50	1	<b>WEB</b>
<b>491151</b>	KB46080	4"W x 60"L	80	1	<b>WEB</b>
<b>491152</b>	KB460100	4"W x 60"L	100	1	<b>WEB</b>

# OSCILLATING SPINDLE SANDERS



## Delta Bench Top Oscillating Spindle Sander

**DELTA** Heavy duty oscillating bench spindle sander is equipped with a powerful 1/2 HP motor. The fully enclosed heavy duty steel frame construction is designed to keep vibration to a minimum. A heavy duty, steel table support and bevel system provides increased stability and long-lasting durability. Twin locking handles

for stability in bevel position. On-tool storage.

Spindle 1,725 rpm. Oscillations 29/min., 15/16"L.

Table 14-3/4"L x 14-3/4"W, tilt 45° up and down.

**Includes** 5 spindles with sanding sleeves, 2 rubber drums, 4 inserts, dust port adapter and 3 wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>727945</b>	31-483	115	1/2	1	<b>WEB</b>



## JET Bench Top Oscillating Spindle Sander

**JET** A heavy-duty worm gear system provides 1" oscillating action, which prolongs sleeve life and helps prevent burnishing of the workpiece. Oscillation gears run in a sealed lubricated box to prolong their life and durability. Removable on/off safety switch prevents accidental start-up. Spindles have threaded ends for quick, easy changes.

Spindle 1,725 rpm. Oscillations 30/min., 1"L.

Table 14-1/2"L x 14-1/2"W, tilt 45° up and down.

**Includes** 4-skid rubber feet, 4 inserts, and 5 spindles with sanding sleeves.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485874</b>	JBOS-5	110	1/2	1	<b>WEB</b>



## Rikon Bench Top Oscillating Spindle Sander

**Rikon** Specialized sander for the fast and accurate sanding of curved board edges. Abrasive sleeves mounted on the machine's spindles oscillate up-and-down 15/16". Powerful 1/2 HP motor, all-steel gearing, ample cast iron tilting table, metal housing and 5 spindle diameters (1/2"-2") with 6 table inserts make this a valuable machine for every shop.

Spindle 1,700 rpm. Oscillations 29/min., 15/16"L.

Table 14-3/4"L x 14-3/4"W, tilt 45° forward.

**Includes** 6 inserts, 5 sanding drums, 4 rubber feet and wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>694226</b>	50-300	110	1/2	1	<b>WEB</b>



## Universal Tool Table

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>



## Delta Oscillating Spindle Sander

**DELTA** Heavy duty oscillating floor spindle sander designed for precision and durability. The fully enclosed steel frame construction is optimized for dust management and keeps vibration to a minimum. The cast iron trunnion system supports oil bath gear box, which provides increased stability and accuracy. A unique 0° to 45° tilting spindle arbor design allows for adjusting the sanding angle to bevel sand while the table remains flat.

Spindle 1,725 rpm. Oscillations 71/min., 1-1/2"L.

Table 24-5/8"L x 24-1/2"W x 38-3/8"H, fixed.

**Includes** 4 steel spindles and sanding sleeves, 6 rubber spindles and sanding sleeves, 3 oblong table inserts, 3 round table inserts and wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>727946</b>	31-484	110	1	1	<b>WEB</b>



### JET Oscillating Spindle Sander

**J E T** Featuring a spindle lock, superior dust collection and integrated storage; this sander has it all. Baffles create a chamber under the table for improved dust collection. Spindle lock for quick and easy spindle changes. Main spindle support runs on precision ball bearings and is oscillated by a heavy-duty worm and gear mechanism, which runs in an oil bath to prolong its life and durability.

Spindle 1,720 rpm. Oscillations 75/min., 1-1/2"L.

Table 24-1/2"L x 24-1/2"W x 39-3/16"H, tilt 45° front and 15° back.

**Includes** 6 table inserts, 10 spindle assemblies and wrenches.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486037</b>	JOSS-S	115/230	1	1	<b>WEB</b>

### Sanding Drums

**Clesco** Locks sanding sleeve securely in place. Tighten the nut/screw to expand the rubber cylinder for a strong hold. Great for straight or contour sanding of wood, metals & plastics. Use on electric drill, flexible shaft & drill press.

Stk.	Mfr.	Drum Dia.	Drum Width	Shank	Price
<b>305380</b>	SD-008032-04NL	1/2"	2"	1/4"	<b>WEB</b>
<b>305384</b>	SD-012032-04NL	3/4"	2"	1/4"	<b>WEB</b>
<b>305388</b>	SD-016032-04NL	1"	2"	1/4"	<b>WEB</b>
<b>305392</b>	SD-024032-04NL	1-1/2"	2"	1/4"	<b>WEB</b>
<b>305394</b>	SD-032024-04NL	2"	1-1/2"	1/4"	<b>WEB</b>
<b>305396</b>	SD-048048-08NL	3"	3"	1/2"	<b>WEB</b>

### Sanding Drum Kits

**Clesco** For sanding, polishing and finishing, plus grinding curves, corners, flat surfaces or irregular shapes. Drums have 1/4" shank dia. drums (except 1/2" x 1/2" with 1/8" dia.) that permits drum to be used on most rotary tools (i.e. Dremel & Foreman) with smaller chuck capacities or 1/8" collets. Spiral bound, cloth backed, aluminum oxide abrasive sheets dissipate heat quickly, reduce burning on wood and can handle heavy loads.

**20-Piece Includes** 5 regular drums (1/2" x 1/2", 3/4" x 1", 1" x 1", 1-1/2" x 1-1/2", 2" x 1-1/2"), 15 sleeves (1 fine 120 grit, 1 med. 80 grit and 1 coarse 50 grit for ea. drum size) and box.

Stk.	Mfr.	Price
<b>305400</b>	SDK-1	<b>WEB</b>

**28-Piece Includes** 4 extra long drums (1/2" x 2", 3/4" x 2", 1" x 2", 1-1/2" x 2") and 24 sleeves (6 medium 80 grit for ea. drum size).

Stk.	Mfr.	Price
<b>305401</b>	SDK-28	<b>WEB</b>

### Sanding Sleeves

**Clesco** Aluminum oxide on X weight paper, resin-bonded with cloth backing.

Stk.	Mfr.	Dia.	Width	Grit	Qty.	Price
<b>305112</b>	SS-006096-050A	3/8"	6"	50	1	<b>WEB</b>
<b>305113</b>	SS-006096-080A	3/8"	6"	80	1	<b>WEB</b>
<b>305114</b>	SS-006096-120A	3/8"	6"	120	1	<b>WEB</b>
<b>305096</b>	SS-004088-050A	1/4"	5-1/2"	50	1	<b>WEB</b>
<b>305097</b>	SS-004088-080A	1/4"	5-1/2"	80	1	<b>WEB</b>
<b>305098</b>	SS-004088-120A	1/4"	5-1/2"	120	1	<b>WEB</b>
<b>305120</b>	SS-008032-050A	1/2"	2"	50	1	<b>WEB</b>
<b>305121</b>	SS-008032-080A	1/2"	2"	80	1	<b>WEB</b>
<b>305122</b>	SS-008032-120A	1/2"	2"	120	1	<b>WEB</b>
<b>305129</b>	SS-008072-050A	1/2"	4-1/2"	50	1	<b>WEB</b>
<b>305130</b>	SS-008072-080A	1/2"	4-1/2"	80	1	<b>WEB</b>
<b>305131</b>	SS-008072-120A	1/2"	4-1/2"	120	1	<b>WEB</b>
<b>305137</b>	SS-008088-050A	1/2"	5-1/2"	50	1	<b>WEB</b>
<b>305138</b>	SS-008088-080A	1/2"	5-1/2"	80	1	<b>WEB</b>
<b>305139</b>	SS-008088-120A	1/2"	5-1/2"	120	1	<b>WEB</b>
<b>305146</b>	SS-008096-050A	1/2"	6"	50	1	<b>WEB</b>
<b>305147</b>	SS-008096-080A	1/2"	6"	80	1	<b>WEB</b>
<b>305148</b>	SS-008096-120A	1/2"	6"	120	1	<b>WEB</b>
<b>305164</b>	SS-010088-050A	5/8"	5-1/2"	50	1	<b>WEB</b>
<b>305165</b>	SS-010088-080A	5/8"	5-1/2"	80	1	<b>WEB</b>
<b>305166</b>	SS-010088-120A	5/8"	5-1/2"	120	1	<b>WEB</b>
<b>305157</b>	SS-010096-050A	5/8"	6"	50	1	<b>WEB</b>
<b>305158</b>	SS-010096-080A	5/8"	6"	80	1	<b>WEB</b>
<b>305159</b>	SS-010096-120A	5/8"	6"	120	1	<b>WEB</b>
<b>305170</b>	SS-012032-050A	3/4"	2"	50	1	<b>WEB</b>
<b>305171</b>	SS-012032-080A	3/4"	2"	80	1	<b>WEB</b>
<b>305172</b>	SS-012032-120A	3/4"	2"	120	1	<b>WEB</b>
<b>305179</b>	SS-012072-050A	3/4"	4-1/2"	50	1	<b>WEB</b>
<b>305180</b>	SS-012072-080A	3/4"	4-1/2"	80	1	<b>WEB</b>
<b>305181</b>	SS-012072-120A	3/4"	4-1/2"	120	1	<b>WEB</b>
<b>305312</b>	SS-012144-050A	3/4"	9"	50	1	<b>WEB</b>
<b>305309</b>	SS-012144-080A	3/4"	9"	80	1	<b>WEB</b>
<b>305308</b>	SS-012144-120A	3/4"	9"	120	1	<b>WEB</b>
<b>305200</b>	SS-016032-050A	1"	2"	50	1	<b>WEB</b>
<b>305201</b>	SS-016032-080A	1"	2"	80	1	<b>WEB</b>
<b>305202</b>	SS-016032-120A	1"	2"	120	1	<b>WEB</b>
<b>305209</b>	SS-016072-050A	1"	4-1/2"	50	1	<b>WEB</b>
<b>305210</b>	SS-016072-080A	1"	4-1/2"	80	1	<b>WEB</b>
<b>305211</b>	SS-016072-120A	1"	4-1/2"	120	1	<b>WEB</b>
<b>305315</b>	SS-016144-050A	1"	9"	50	1	<b>WEB</b>
<b>305316</b>	SS-016144-080A	1"	9"	80	1	<b>WEB</b>
<b>305317</b>	SS-016144-120A	1"	9"	120	1	<b>WEB</b>
<b>305230</b>	SS-024032-050A	1-1/2"	2"	50	1	<b>WEB</b>
<b>305231</b>	SS-024032-080A	1-1/2"	2"	80	1	<b>WEB</b>
<b>305232</b>	SS-024032-120A	1-1/2"	2"	120	1	<b>WEB</b>
<b>305239</b>	SS-024072-050A	1-1/2"	4-1/2"	50	1	<b>WEB</b>
<b>305240</b>	SS-024072-080A	1-1/2"	4-1/2"	80	1	<b>WEB</b>
<b>305241</b>	SS-024072-120A	1-1/2"	4-1/2"	120	1	<b>WEB</b>
<b>305274</b>	SS-024088-050A	1-1/2"	5-1/2"	50	1	<b>WEB</b>
<b>305275</b>	SS-024088-080A	1-1/2"	5-1/2"	80	1	<b>WEB</b>
<b>305276</b>	SS-024088-120A	1-1/2"	5-1/2"	120	1	<b>WEB</b>
<b>305322</b>	SS-024144-050A	1-1/2"	9"	50	1	<b>WEB</b>
<b>305323</b>	SS-024144-080A	1-1/2"	9"	80	1	<b>WEB</b>
<b>305324</b>	SS-024144-120A	1-1/2"	9"	120	1	<b>WEB</b>
<b>305260</b>	SS-032024-050A	2"	1-1/2"	50	1	<b>WEB</b>
<b>305261</b>	SS-032024-080A	2"	1-1/2"	80	1	<b>WEB</b>
<b>305262</b>	SS-032024-120A	2"	1-1/2"	120	1	<b>WEB</b>
<b>305269</b>	SS-032072-050A	2"	4-1/2"	50	1	<b>WEB</b>
<b>305270</b>	SS-032072-080A	2"	4-1/2"	80	1	<b>WEB</b>
<b>305271</b>	SS-032072-120A	2"	4-1/2"	120	1	<b>WEB</b>
<b>305277</b>	SS-032088-050A	2"	5-1/2"	50	1	<b>WEB</b>
<b>305278</b>	SS-032088-080A	2"	5-1/2"	80	1	<b>WEB</b>
<b>305279</b>	SS-032088-120A	2"	5-1/2"	120	1	<b>WEB</b>
<b>305332</b>	SS-032144-050A	2"	9"	50	1	<b>WEB</b>



Stk.	Mfr.	Dia.	Width	Grit	Qty.	Price
<b>305333</b>	SS-032144-080A	2"	9"	80	1	<b>WEB</b>
<b>305334</b>	SS-032144-120A	2"	9"	120	1	<b>WEB</b>
<b>305233</b>	SS-048048-050A	3"	3"	50	1	<b>WEB</b>
<b>305234</b>	SS-048048-080A	3"	3"	80	1	<b>WEB</b>
<b>305235</b>	SS-048048-120A	3"	3"	120	1	<b>WEB</b>
<b>305289</b>	SS-048072-050A	3"	4-1/2"	50	1	<b>WEB</b>
<b>305290</b>	SS-048072-080A	3"	4-1/2"	80	1	<b>WEB</b>
<b>305291</b>	SS-048072-120A	3"	4-1/2"	120	1	<b>WEB</b>
<b>305296</b>	SS-048088-050A	3"	5-1/2"	50	1	<b>WEB</b>
<b>305297</b>	SS-048088-080A	3"	5-1/2"	80	1	<b>WEB</b>
<b>305298</b>	SS-048088-120A	3"	5-1/2"	120	1	<b>WEB</b>
<b>305342</b>	SS-048144-050A	3"	9"	50	1	<b>WEB</b>
<b>305343</b>	SS-048144-080A	3"	9"	80	1	<b>WEB</b>
<b>305344</b>	SS-048144-120A	3"	9"	120	1	<b>WEB</b>

## DRUM SANDERS



### 10" Bench Top Drum Sander

**J E T** The compact bench top sander from JET packs a powerful 1 HP motor that will sand boards up to 3"T and 20"W. The innovative dust hood with a 4" port easily connects to a dust collector. Adjusting the table back to parallel takes just the turn of a dial. The self-cooling

extruded aluminum sanding drum protects the sanding surface from heat damage, preventing waste.

Drum 5" x 10". Sanding capacities: 20"W (2 passes) x 3"T, 2-1/4"L x 1/32"T. Feed rate 0 to 10 fpm. Height adj. 1/16" per turn.

Tool size 26-27/32" x 17-29/32" x 17-7/8". Weight 73 lbs.

**Includes** sandpaper.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
<b>618501</b>	JWDS-1020	115	1	1	1,725	<b>WEB</b>



### 22" Drum Sander

**J E T** The 1.75 HP motor delivers plenty of power to handle just about any sanding task. The tool-less parallelism system keeps adjustments simple. The worktable is easily positioned by a turn of the parallelism dial. The variable-speed rate permits you to choose the optimal feed rate for a full range of projects, while the Sandsmart™ feature continuously monitors the load on the drum motor to prevent an overload situation.

Drum 5" x 22". Sanding capacities: 44"W (2 passes) x 4"T, 2-3/8"L x 1/32"T. Feed rate 0-10 fpm. Height adj. 1/16" per turn.

Tool size 42"L x 24"W. Weight 177 lbs.

**Includes** pre-installed 80-grit abrasive and stand.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
<b>618512</b>	723540OSK	115	1-3/4	1	1,720	<b>WEB</b>



### 25" Drum Sander

**J E T** The 1.75 HP motor delivers plenty of power to handle just about any sanding task. The variable-speed rate permits you to choose the optimal feed rate for a full range of projects, while the Sandsmart™ feature continuously monitors the load on the drum motor to prevent an overload situation.

Precision-machined and dynamically balanced extruded aluminum drum is designed to dissipate heat and protect the work surface from heat damage. Snipe is virtually eliminated thanks to the adjustable tension rollers that apply downward pressure to the workpiece.

Drum 5" x 25". Sanding capacities 50"W (2 passes) x 4"T, 2-3/8"L x 1/32"T. Feed rate 0-10 fpm. Tool size 45"L x 24"W x 52"H.

**Includes** pre-installed 80-grit abrasive.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
<b>618513</b>	723550OSK	115	1-3/4	1	1,720	<b>WEB</b>
<b>618514</b>	723544CSK	115	1-3/4	1	1,720	<b>WEB</b>



### Drum Sander Folding Infeed/Outfeed Tables

**J E T** Extend the table size of the JET JWDS-2550 sander with these folding tables.

Size 26" x 10-1/4".

Stk.	Mfr.	Price
<b>618516</b>	723551	<b>WEB</b>

### Swivel & Locking Caster Set

**J E T** Set of 4 swivel casters allows versatile movement in any direction.

Stk.	Mfr.	Price
<b>618555</b>	98-0130	<b>\$173.00</b>



### 22" Drum Sander PM2244

**POWERMATIC** Feed logic system monitors the load on the drum motor and regulates the speed of the conveyor motor to maintain the highest feed rate without overload. Table parallelism is adjusted with a dial on the outside of the conveyor bed, eliminating adjustments to the entire drum carriage. Large, chrome hand-wheel makes adjusting the drum height smooth

and simple. Integrated LED control panel shows power, belt speed, and DRO. Belt tracking is designed to reduce the need for manual adjustment. Drum carriage designed to provide strength and consistent performance. Closed stand with storage and integrated casters.

Drum 5" x 22". Sanding capacities: 44"W x 4"T, 2-3/8"L x 1/32"T. Feed rate 0-10 fpm. Tool size 42-1/4"L x 37-11/16"W x 49-1/2"H. Weight 328 lbs.

**Includes** infeed/outfeed tables.

Stk.	Mfr.	Volts	HP	Phase	Speed (rpm)	Price
<b>656697</b>	1792244	115	1-3/4	1	1,720	<b>WEB</b>

### Wide Belt & Drum Cleaner

**Woodstock** Pro-Stik® abrasive rubber pad cleaner offers easy solution for unloading abrasives on belts & drums.

Stk.	Mfr.	Size	Price
<b>786900</b>	D3003	15" x 20" x 1-1/8"	<b>WEB</b>

## Premium Ready-to-cut Bulk Abrasives

**J E T** Upright dispenser box for easy reel-out of abrasive. Rolls include color-coded cut-line markings for each drum size. Yield is measured in wraps with each wrap being the exact length of abrasive material needed to cover drum 1 time.

Stk.	Mfr.	Grit	Price
<b>618530</b>	60-9036	36	<b>WEB</b>
<b>618532</b>	60-9060	60	<b>WEB</b>
<b>618534</b>	60-9080	80	<b>WEB</b>
<b>618536</b>	60-9100	100	<b>WEB</b>
<b>618538</b>	60-9120	120	<b>WEB</b>
<b>618540</b>	60-9150	150	<b>WEB</b>
<b>618542</b>	60-9180	180	<b>WEB</b>
<b>618544</b>	60-9220	220	<b>WEB</b>

## EDGE SANDERS



### 6' x 89' Edge Sander OES-80CS

**J E T** One machine for edge, face, bevel, and contour sanding, with the power for big jobs and control for fine work. Oscillating feature reduces heat build-up. Tilting sanding head for sanding bevels, angles and flat surfaces. Adjustable outer drum support table. Belt platen is made from precision-ground steel plate. Cast iron table moves up or down. Conveniently located quick release lever and tracking control.

located quick release lever and tracking control.

**Includes** miter gauge, removable fence, horizontal backstop, heavy-duty stand, 4" dust port, sanding belt and drum.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Controls	Price
<b>485997</b>	OES-80CS	115/230	1-1/2	1	Magnetic	<b>WEB</b>

## WIDE BELT SANDERS



### VS Wide Belt Sander with Digital Readout

**POWERMATIC** Wide belt sander delivers highest performance in measurement and sanding, creating a flawless finish every time. Centralized controls allow user to access all needed buttons on one panel. Digital readout displays exact thickness of finished piece, or allows to preset desired thickness. The auto thickness captures the piece of wood to provide exact starting thickness. Disc brake slows machine quickly and activates immediately to stop machine in an emergency. Pneumatic

sensor system controls sanding belt oscillation. 3-motor system allows for maximum horsepower to independently power sanding drums, feed and feed table movement. Variable speed feed belt allows for exact feed speed to best suit your project.

Air requirements 60 psi, 3 cfm. Feed motor 1 HP. Feed rate 15-49' fpm. Table hoist motor 1/4 HP. Table height adjusts 31-3/8" to 37-3/8".

**Please specify voltage. 230 will be shipped if not specified. 460V requires 2 additional overload relays Mfr. WB25-812A and WB25-814A.**

### 37" Sander

Stk.	Mfr.	Volts	HP	Phase	Belt Size	Price
<b>656551</b>	1790837	230/460	20	3	37" x 75"	<b>WEB</b>

### 25" Sander

Stk.	Mfr.	Volts	HP	Phase	Belt Size	Price
<b>656550</b>	1790825	230/460	15	3	25" x 75"	<b>WEB</b>

## Wide Belt Sander Belts

**NORTON** Open coat, aluminum oxide sanding belts on resin-bonded, X weight cloth.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>608603</b>	60332	25"W x 60"L	80	1	<b>WEB</b>
<b>608605</b>	60334	25"W x 60"L	120	1	<b>WEB</b>
<b>608607</b>	60336	25"W x 60"L	180	1	<b>WEB</b>
<b>608616</b>	60502	37"W x 60"L	80	1	<b>WEB</b>
<b>608620</b>	60504	37"W x 60"L	120	1	<b>WEB</b>
<b>608622</b>	60506	37"W x 60"L	180	1	<b>WEB</b>

## Felt & Graphite Pads

**POWERMATIC** For Powermatic RB & PM wide belt sanders.

### Felt

Stk.	Mfr.	Size	Price
<b>681250</b>	6288602	25" x 60"	<b>WEB</b>
<b>681270</b>	6288702	37" x 60"	<b>WEB</b>

### Graphite

Stk.	Mfr.	Size	Price
<b>681251</b>	6288603	25" x 60"	<b>WEB</b>
<b>681271</b>	6288703	37" x 60"	<b>WEB</b>

## Wide Belt & Drum Cleaner

**Woodstock** Pro-Stik® abrasive rubber pad cleaner offers easy solution for unloading abrasives on belts & drums.

Stk.	Mfr.	Size	Price
<b>786900</b>	D3003	15" x 20" x 1-1/8"	<b>WEB</b>

## STANDS, TABLES & MOBILE BASES



### High-Clearance Mobile Machine Base

**Bora** Mobile Base features 5" non-marring ball bearing wheels and a higher base to make sure uneven terrain and small obstacles don't slow you down. All-steel construction, foot operated steel locking levers, adjustable in 1" increments. Adjusts from 20.75" x 23.75" to 28" x 33.5". Capacity 1,500 lbs.

Stk.	Mfr.	Price
<b>476495</b>	PM-3800	<b>WEB</b>



### Universal Mobile Machine Base

**Bora** This adjustable mobile base can expand up to a 32" x 32" square, or a 17" x 48" rectangle to accommodate a wide variety of machines, including jointers, band saws, lathes, table saws, sanders, drill presses, planers and workbenches. Adjusts in 1" increments, locking foot levers and four 3" hard rubber wheels. Min. size 12" x 12". Capacity 400 lbs.

Stk.	Mfr.	Price
<b>476507</b>	PM1000	<b>WEB</b>



### Mobile Base for 54A & 54HH Jointers

**POWERMATIC** Made of heavy-duty all welded steel tubular frame and independently locking, non-marking wheels. Compatible with the Powermatic 54A and 54HH jointers.

Stk.	Mfr.	Price
<b>658405</b>	2042374	<b>WEB</b>



### Heavy-Duty Adjustable Mobile Base

**Port A Mate** Fully adjustable mobile base features side rails and corner pieces with holes spaced every inch to ensure the perfect fit. Move band saws, table saws, sanders, drill presses, and more. This heavy-duty base is easy to assemble, plus it adjusts from 12" x 12" to 36" x 36" (in 1" increments). Large industrial-grade metal foot-operated levers lock machines to the floor 3/4" above the ground, making moving heavier machines easy. Non-marking 3" rubber wheels. Max. capacity 650 lbs. Max. rectangle 20" x 52". Weight 18 lbs.

Stk.	Mfr.	Price
<b>476504</b>	PM2500	<b>WEB</b>



### Industrial Adjustable Mobile Base

**Port A Mate** Industrial strength, fully adjustable rolling platform for larger machines like band saws, planers, jointers and also cabinets. Adjusts in 1" increments. All steel construction, solid corner brackets, casters and 3" wheels (with foot control locking levers) ensure strength and stability. Mfr.'s 1-yr. warranty. Min. 20.75" x 23.75". Max. 28" x 33.5". Capacity 1,500 lbs. Weight 42 lbs.

Stk.	Mfr.	Price
<b>476505</b>	PM3500	<b>WEB</b>



### Industrial Universal Mobile Base

**JET** Spring-pin, quick snap allows tool-free adjustments (width and length) and easy assembly. Sturdy, low-ground clearance. Strong, yet lightweight. 2 fixed & 2 swivel casters. 24" sq. to 34" sq., 1,200 lb. capacity. 5/8" clearance.

Stk.	Mfr.	Price
<b>485786</b>	JMB-UMB-HD	<b>WEB</b>



### Standard Universal Mobile Base

**JET** Spring-pin, quick snap allows tool-free adjustments (width and length) and easy assembly. Sturdy, low-ground clearance. Strong, yet lightweight. 2 fixed and 2 swivel casters. 18" sq. to 24" sq., 600 lb. capacity. 1/2" clearance.

Stk.	Mfr.	Price
<b>486113</b>	JMB-UMB	<b>WEB</b>



### Stock Stand

**HTC Products** Galvanized ball bearing roller. Height 28"- 45-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
<b>476462</b>	HSS-18	1	16"	1-3/8"	<b>WEB</b>



### Pedestal Roller Stand

**Port A Mate** Pedestal-style feed roller / support stand adjusts from 25.25" to 43.25"H. 1 1/2" polished steel ball bearing roller is smooth in operation and allows for easy material feeding for table saws, band saws, and more. Folds flat for easy storage and portability. Capacity 200 lbs.

Stk.	Mfr.	Price
<b>476508</b>	PM-5090	<b>WEB</b>



### Tri-Function Pedestal Roller Stand

**Port A Mate** Pedestal support features a pivoting head for 3 types of support – it has a smooth, ball-bearing 1 1/4" roller, 6-ball multidirectional roller and a rigid stationary support. Quick pivot head allows for easy changes, making it an essential piece for your woodshop. The height adjusts from 26.5"-43.75", ensuring it will work with your table saw, band saw, and many other uses. Tough powder coat finish, non-slip feet, a wide stance for stability and a full 200 lb. capacity. Folds away for easy storage.

Stk.	Mfr.	Price
<b>476509</b>	PM-5093	<b>WEB</b>



### Stock Roller Stand

**Shop Fox** Four-point stand with single roller (13"W) provides stability for every wood processing job. Welded square steel construction, variable height adjustment and flat storage make this the roller stand of choice. Height 24-1/2" to 42". Capacity 150 lbs.

Stk.	Mfr.	Price
<b>785790</b>	D4800	<b>WEB</b>



### Horizontal-Roller Material Support Stand

**JET** Heavy-duty cast iron and steel construction with chrome plated ball bearing roller head. Locking screws provide added safety. Roller heads are interchangeable. Capacity: 2,000 lbs. Height 23"-38" Roller: 14"W

Stk.	Mfr.	Price
<b>486030</b>	414121	<b>WEB</b>



### V-Roller Material Support Stand

**JET** Heavy-duty cast iron and steel construction with chrome plated ball bearing roller head. Locking screws provide added safety. Roller heads are interchangeable. Capacity: 2,000 lbs. Height 23"-38". Round Stock: 1" min., 12" max.

Stk.	Mfr.	Price
<b>486031</b>	414122	<b>WEB</b>



### Roller Extension Tables

**HTC Products** Portable conveyors are built to last w/durable adjustable wedge-shaped support legs that can handle large loads. Heavy-duty, all steel welded construction plus steel ball bearing rollers make moving stock through your saw or planer easier. Non-marring nylon leveling glides are included to adjust for uneven floors. Unit folds neatly & legs latch for storage.

Height 26-1/2" - 43-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
<b>476484</b>	HRT-70	17	15"	66"	<b>WEB</b>
<b>476489</b>	HRT-90	17	24"	66"	<b>WEB</b>



### Pedestal Roller Table

**HTC Products** Galvanized steel ball-bearing rollers easily move stock. Durable, adjustable wedge-shaped support legs. Height 26-1/2" - 43-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
<b>476476</b>	HRT-10	5	15"	18"	<b>WEB</b>



### Universal Tool Table

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>



### Tool Stand

**Shop Fox** 24"H sturdy tool stand w/non-slip rubber feet. 27-1/2" x 31-1/2" (at base), 17-3/4" x 22" (at top). 1,000 lb. capacity.

Stk.	Mfr.	Price
<b>785635</b>	D2275	<b>WEB</b>



### Tool Table & Universal Stand

**Shop Fox** This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
<b>785720</b>	D3640	<b>WEB</b>

## AIR CLEANERS & FILTRATION SYSTEMS



### Micro Dust Air Filtration System

**POWERMATIC** Breathe cleaner, safer air with confidence. Powermatic's PM1250 continually purifies shop air with ultra-quiet efficiency by removing microscopic particulate from the shop environment. Patented filter technology works like a magnet, attracting and capturing the most dangerous dust

particles from the air. Engineered fan blades increase airflow while reducing noise. Multiple mounting positions for maximum versatility in the shop, plus a handle on top to assist with carrying.

Clean Air Delivery Rate (CADR) 680 (X5) per hr.  
Size 27"W x 15"D x 25-5/8"H. Weight 38 lbs.

**Includes** remote control (batteries not included) and cleaning brush.

Stk.	Mfr.	Volts	Amps	Price
<b>656664</b>	1791331	120	.31 (High)/.13 (Low)	<b>WEB</b>



### 3-Speed Air Filtration System

**Rikon** Designed for smaller workshops that measure up to 20' x 20' x 8', for cleaning and circulating air up to 7 times per hour. Choose between 3 speeds – 250, 350 or 450 CFM depending on the amount of filtration needed. 3 timer settings also let you filter shop air for 1, 2 or 4 hour segments before it automatically shuts off.

Cycles/Hr. 7 (20' x 20' x 8' room).

Size 19-3/4"L x 16-3/4"W x 10"H. Weight 29 lbs.

**Includes** outer filter, inner filter, remote control and mounting hardware.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>694242</b>	62-450	120	1/4	450	<b>WEB</b>



### Smart Ceiling Air Filtration System

**General Intl.** Simply hang this powerful unit from the ceiling, plug it in, and let it do its thing. The machine will automatically sense when there is dust in the air and turn itself on. It also senses when the air is clean and will automatically turn itself off.

Cycles/Hr. (20' x 20' x 8' room).

Size 30"L x 23-1/2"W x 11-3/4"H. Weight 63-1/4 lbs.

**Includes** filtration unit, remote control, 2 AAA batteries, 4 eye bolts and nuts.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>420619</b>	10-1000	110	1/5	560/710/1,068	<b>WEB</b>

### JET 3-Speed Air Filtration System

**JET** Disposable electrostatic outer filter attracts more dust particles than standard filters. Inner pocket filter is removable for easy cleaning. Easy grip Handles allow easy portability of unit. Four Eye bolts let you hang unit from shop ceiling. Remote control has built-in timer with 2, 4 and 8-hour settings.

**Includes** remote control, 3 AAA batteries, 4 eye bolts and nuts.

**1/6 HP** Cycles/Hr. 12.20 (20' x 20' x 8' room).  
Size 30-1/4"L x 24-1/8"W x 12-1/8"H. Weight 54 lbs.

Stk.	Mfr.	Volts	CFM	Price
<b>485844</b>	AFS-1000B	115	556/702/1044	<b>WEB</b>

**1/3 HP** Cycles/Hr. 31.91 (40' x 40' x 10' room).  
Size 44"L x 24"W x 20"H. Weight 110 lbs.

Stk.	Mfr.	Volts	CFM	Price
<b>485895</b>	AFS-2000	115	800/1200/1700	<b>WEB</b>

### Air Filters

#### JET

#### 3-Pocket Inner Filter 1 micron.

Stk.	Mfr.	Item	Qty.	Price
<b>485896</b>	AFS-2IF	For AFS-2000	1	<b>WEB</b>
<b>485945</b>	AFS-1B-IF	For AFS-100B	1	<b>WEB</b>

#### Pleated Outer Filter 5 microns.

Stk.	Mfr.	Item	Qty.	Price
<b>485897</b>	AFS-2OF	For AFS-2000	1	<b>WEB</b>
<b>485944</b>	AFS-1B-OF	For AFS-100B	1	<b>WEB</b>





### PMI 200 Air Filtration System

**POWERMATIC** Traps up to 99% of all 5-micron particles and 85% of all 1-micron particles for a healthier work environment. Three blower speeds modify air flow. The unit can be operated at the cabinet or with the remote

transmitter. The timer has 9 settings, allowing continuous operation for up to 9 hours, and will shut off at the end of that period.

Cycles/Hr. 13-18. Size 33"L x 25"W x 13"H. Weight 67 lbs.

**Includes** 3 filters, 9-volt battery, remote control and mounting hardware.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>656673</b>	1791330	115	1/4	547-1,196	<b>WEB</b>

**Inner Filter** Fine mesh bags attached to sturdy aluminum frame capture up to 85% of 1 micron dust particles. Blow or wash clean.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>656590</b>	1791082				<b>WEB</b>

**Outer Filter** Capture up to 99% of 5 micron dust particles. Disposable.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>656591</b>	1791083				<b>WEB</b>



### Smart Floor Air Filtration System

**General Intl.** With the auto dust sensor, the machine will automatically sense when there is dust in the air and turn itself on. It also senses when the air is clean and will automatically turn itself off. SMART™ infrared dust sensor control system can detect more than 1-micron particles in the air, such as cigarette smoke, house dust, mold, pollen and spores.

Size 31-1/2"H x 14" dia. Weight 31 lbs.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>420607</b>	10-1440	110	1/5	260-1,550	<b>WEB</b>

## DUST COLLECTORS



### Rikon Dust Extractor

**Rikon** 1.5 HP dust extractor is a small canister-type vacuum system with a 12 gallon capacity, and plenty of power. Easily portable from machine to machine with its top carry handle. For dry use only.

Micron 0.5. Capacity 12 gallon. Air Inlet 4".

**Includes** hose, 2 hose clamps, 2 hose connector fittings, hose fitting set, filter cartridge, 5 replacement paper filters and wall-mount bracket.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>694253</b>	63-110	120	1.5	142	<b>WEB</b>



### Rikon Portable Dust Collector

**Rikon** 1 HP dust collector is adaptable for many uses that a small shop encounters. Single 4" dust port draws 660 CFM, more than enough vacuum power for big chip makers, like jointers and planers. Features an adjustable pipe extension with chip collecting funnel that can be positioned high

for use with lathes, drill presses, workbenches, etc.

Micron 2. Capacity 2.4 cubic feet. Air Inlet 4".

**Includes** filter bag, intake funnel, dust hose, clamps, hardware, 4 casters and wall mounting bracket.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>694228</b>	60-105	115/230	1	660	<b>WEB</b>



### JET DC-650 Dust Collector

**JET** Model 650 dust collectors hook up to 1 to 3 machines at a time for optimum dust cleaning. Single-stage design for economical and quiet operation permanently lubricated, fully enclosed, fan-cooled motors for continuous duty.

Capacity 2.1 cubic feet. Air Inlet 4" dia.

**Includes** 4 casters and quick-install collection bag.

**Please specify voltage. 115V will be sent if not specified.**

**30 Micron Bag Filter** **Includes** 30 micron filter bag, collection bag, see-through dust bag.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>486105</b>	DC-650BK	115/230	1	650	<b>WEB</b>

**2 Micron Canister Filter** **Includes** 2 micron canister filter, 14" dia. clear disposable collection bag.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>486128</b>	DC-650CK	115/230	1	650	<b>WEB</b>



### General Intl Dust Collector with SMART Auto Switch

**General Intl.** The SMART Switch Dual-Action switch dust collector allows you to plug the tool you are using directly into the collector. When your tool turns on, the dust collector will automatically turn on as well. When the tool is shut down,

the collector runs for an additional 8 seconds and shuts down. Features a collection bag snap-in ring and a spark-proof impeller. Powerful 1 HP TEFC motor features sealed bearing and shaft.

Air Inlet 4" dia.

**2 Micron Bag Filter** **Includes** filter bad and collection bag.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>420603</b>	10-030DASMI	110	1	506	<b>WEB</b>

**2 Micron Canister Filter** **Includes** canister and collection bag.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>420606</b>	10-030CFDASMI	110	1	506	<b>WEB</b>



### JET DC-1200 Dust Collector

**JET** Features the exclusive Vortex Cone™ which improves chip separation to prevent clogging of the filter, and increases packing efficiency of the collector bag. The high air velocity (CFM) stands up to any competitive specifications, and the industrial controls are designed for years of durable use. Collection bags have a snap ring for fast installation and removal. Casters offer maneuverability within the shop.

Capacity 5.3 cubic feet. Air Inlet 4" and 6".

**Includes** impeller, hose, inlet port, 4 casters, filter kit and 5 collector bags.

**30 Micron Bag Filter** **Includes** 30 micron filter bag, 20" dia. collection bag, see-through dust bag.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>486013</b>	DC-1200VX-BKI	230	2	1,200	<b>WEB</b>

**2 Micron Canister Filter** **Includes** 2 micron canister filter, filter cleaning baffles, 20" dia. disposable collection bag.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>486014</b>	DC-1200VX-CKI	230	2	1,200	<b>WEB</b>

## JET Cyclone Dust Collector



**J E T** With a direct mount filter, a radio frequency remote control and a large collection bin, these dust collectors take your shop's capabilities to a new level. Two stage separation provides more working CFM than comparable horsepower single stage units. Double paddle manual cleaning system quickly cleans the pleated filter. Swivel casters make it easy to move the unit around the shop.

Filter efficiency 1 micron. Air Inlet 4" and 6".

**Includes** collection bags, 4 casters, funnels, hose, clamps, hardware package and remote controller with battery.

### 20 gal. collection drum capacity.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>486046</b>	JCDC-1.5	115	1.5	763	<b>WEB</b>

### 30 gal. collection drum capacity.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>486047</b>	JCDC-2	230	2	938	<b>WEB</b>

### 66 gal. collection drum capacity.

Stk.	Mfr.	Volts	HP	CFM	Price
<b>486048</b>	JCDC-3	230	3	1,240	<b>WEB</b>



## Dust Collection Hoses

**Woodstock**

**Hoses** Tough polyethylene flexible hoses. Use as the main line & various drops to machines.

Stk.	Mfr.	Outer Dia.	Length	Price
<b>785752</b>	D4213	3"	10'	<b>WEB</b>
<b>785753</b>	D4214	3"	20'	<b>WEB</b>
<b>785754</b>	D4216	4"	10'	<b>WEB</b>
<b>785755</b>	D4218	5"	10'	<b>WEB</b>

**Clear Wire-reinforced Hoses** Heavy-duty flexible hoses are wire-reinforced & designed specially for dust collection. Use as either a main or branch line. Ideal for machine hook-up.

Stk.	Mfr.	Outer Dia.	Length	Price
<b>485879</b>	W1034	4"	10'	<b>WEB</b>
<b>485880</b>	W1035	5"	10'	<b>WEB</b>
<b>485881</b>	W1036	6"	10'	<b>WEB</b>



## Dust Collector Hose Clamps

**Woodstock** Connect flexible piping, dust hoods, blast gates & fittings.

### Band Clamps

Stk.	Mfr.	Outer Dia.	Price
<b>485977</b>	W1021	3"	<b>WEB</b>
<b>485978</b>	W1022	4"	<b>WEB</b>
<b>485979</b>	W1023	5"	<b>WEB</b>
<b>485980</b>	W1024	6"	<b>WEB</b>

### Wire Steel Clamp

Stk.	Mfr.	Outer Dia.	Price
<b>485976</b>	W1316	3"	<b>WEB</b>
<b>485935</b>	W1317	4"	<b>WEB</b>
<b>485936</b>	W1318	5"	<b>WEB</b>
<b>485937</b>	W1319	6"	<b>WEB</b>



## Plastic Blast Gate

**Woodstock** ABS plastic with 2° tapered fit for easy hookup. Use w/metal or plastic ductwork to regulate airflow to a given machine.

Stk.	Mfr.	Outer Dia.	Price
<b>485947</b>	W1006	3"	<b>WEB</b>
<b>485948</b>	W1007	4"	<b>WEB</b>
<b>485949</b>	W1008	5"	<b>WEB</b>
<b>485950</b>	W1009	6"	<b>WEB</b>



## Aluminum Blast Gate

**Woodstock** Aluminum body with steel gate and locking knob. Use w/metal or plastic ductwork to regulate airflow to a given machine.

Stk.	Mfr.	Outer Dia.	Price
<b>485951</b>	W1141	3"	<b>WEB</b>
<b>485952</b>	W1142	4"	<b>WEB</b>



## Universal Dust Port

**Woodstock** Inside dia. accepts Shop-Vac hose. ABS plastic. Attaches w/screws. Overall size 4-1/2"H x 4-1/4"W.

Stk.	Mfr.	Outer Dia.	Price
<b>485965</b>	W1042	2-1/2"	<b>WEB</b>



## Fittings

**Woodstock** Use to branch off main lines. ABS plastic.

### Y Fittings

Stk.	Mfr.	Outer Dia.	Price
<b>485953</b>	W1014	3"	<b>WEB</b>
<b>485954</b>	W1015	4"	<b>WEB</b>

### T Fittings

Stk.	Mfr.	Outer Dia.	Price
<b>485955</b>	W1012	3"	<b>WEB</b>
<b>485956</b>	W1013	4"	<b>WEB</b>



## Elbows

**Woodstock** 1° tapered fit for easy hookup. ABS plastic.

Stk.	Mfr.	Outer Dia.	Price
<b>485957</b>	W1016	3"	<b>WEB</b>
<b>485958</b>	W1017	4"	<b>WEB</b>



## Splices

**Woodstock** Connect flexible hoses to make longer lengths. ABS plastic.

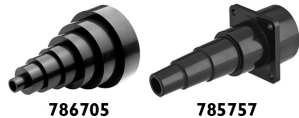
Stk.	Mfr.	Outer Dia.	Price
<b>485966</b>	W1018	3"	<b>WEB</b>
<b>485967</b>	W1019	4"	<b>WEB</b>



### Reducers

**Woodstock** Use to step down from a larger size & increase air velocity. ABS plastic.

Stk.	Mfr.	Outer Dia.	Price
<b>485959</b>	W1020	3" to 2"	<b>WEB</b>
<b>485960</b>	W1041	3" to 2-1/2"	<b>WEB</b>
<b>785756</b>	D4225	4" to 2-1/4"	<b>WEB</b>
<b>485961</b>	W1044	4" to 2-1/2"	<b>WEB</b>
<b>485962</b>	W1011	4" to 3"	<b>WEB</b>



### Universal Adapters

**Woodstock** Models provide a multitude of dust collection reducing options. Cut away unneeded steps w/a hacksaw.

#### 7-Step

Stk.	Mfr.	Outer Dia.	Length	Price
<b>786705</b>	W1039	1", 2", 2-1/2", 3", 4", 5", 6"	9-1/2"	<b>WEB</b>

#### 4-Step w/Mounting Holes

Stk.	Mfr.	Outer Dia.	Length	Price
<b>785757</b>	D4236	2-1/2" - 1"	6-1/2"	<b>WEB</b>



### Quick Disconnect

**Woodstock** Attaches to the end of a 4" flexible hose and then press-on to any 4" outer diameter dust hood for a quick and easy friction fit. ABS black plastic.

Stk.	Mfr.	Outer Dia.	Length	Price
<b>485963</b>	W1038	4-1/4" / 3-7/8"	4"	<b>WEB</b>



### Connector

**Woodstock** Flanged connector makes adding a 4" OD dust port to any machine easy. Flange diameter is 5-5/8" with pre-bored mounting holes.

Stk.	Mfr.	Outer Dia.	Length	Price
<b>785758</b>	D4262	4"	4"	<b>WEB</b>



### Universal Dust Hood

**Woodstock** Fits over a 4-1/2" dust port and can be adapted to fit many woodworking tools. Use it on table saws, band saws, shapers, sanders etc. by simply attaching it directly to the machine, or by using a custom-built cabinet. Size 6-1/4"W x 6-1/4"H x 2-1/2"D.

Stk.	Mfr.	Outer Dia.	Price
<b>485934</b>	W1010	4"	<b>WEB</b>



### Floor Sweep

**Woodstock** ABS plastic. Overall size 3-5/8"H x 6-3/4"D x 24"W.

Stk.	Mfr.	Outer Dia.	Price
<b>485970</b>	W1003	4"	<b>WEB</b>



### Jointer Dust Hoods

**Shop Fox** Fits most jointers. 3/32"T, 4" O.D., 3/4"W flange.

Stk.	Mfr.	Fits	Price
<b>786715</b>	W1001	6.5" x 6.5" chute	<b>WEB</b>
<b>786716</b>	W1002	7" x 8.5" chute	<b>WEB</b>



### Grounding Kit

**Woodstock** Grounds against electrical charge build-up.

**Includes** 50' copper wire, 8 wire nuts, 2 grounding screws, 2 wire connectors.

Stk.	Mfr.	Price
<b>485971</b>	W1053	<b>WEB</b>



### 4" Dia. Dust Collection Kits

**Woodstock**

**4-Piece Includes** 4" x 10' hose, 2 hose clamps, universal hood & instructions.

Stk.	Mfr.	Price
<b>786710</b>	W1054	<b>WEB</b>

**17-Piece Includes** 2 blast gates, two 4" x 10' hose, 10 hose clamps, table saw hood, universal hood, Y fitting & instructions.

Stk.	Mfr.	Price
<b>786711</b>	W1055	<b>WEB</b>

## DOWNDRAFT SANDING STATIONS



### Sand Pro Downdraft Sanding Station

**SandMan** Sanding station uses multiple filters to pull small particles down and away from work and the environment. Quiet, powerful 70-74 dBA TEFC motor. Rolls easily on 5" swivel casters with 2-way locks. Top is ABS plastic with durable, grippable, polymer brown 3/32" coating and holes drilled on 1-1/2" centers for doweled stop blocks and support jigs while frame is constructed of solid hardwood. Deluxe cabinet is steel frame construction, and offers 10.4 cu. ft. storage area.

**Includes** 3 filters (2 pleated, netted pre-filter), 12-3 ga. 15' cord, squared stop block & rubber-coated top.

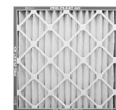
**Shown w/tools, sold separately.**

### Economy Wood Model

Stk.	Mfr.	HP	CFM	Size	Weight	Price
<b>769901</b>	M4836	3/4	2,400	48" x 36" x 34"	260 lbs.	<b>WEB</b>
<b>769906</b>	M6033	3/4	2,400	60" x 33" x 34"	285 lbs.	<b>WEB</b>
<b>769911</b>	M7236	1	2,800	72" x 36" x 34"	380 lbs.	<b>WEB</b>

### Deluxe Metal Model

Stk.	Mfr.	HP	CFM	Size	Weight	Price
<b>769920</b>	DL7236	1/2	3,200	72" x 36" x 38"	415 lbs.	<b>WEB</b>



### Downdraft Replacement Filter

**Flanders** Pleated filter for Sand Pro sanding stations. MERV rating 8.

Stk.	Mfr.	Size	Qty.	Price
<b>943425</b>	80055.022025	20" x 25" x 2"	1	<b>WEB</b>



### Bench Top Downdraft Table

**Shop Fox** A simple and economical solution to capturing the dust created by portable hand sanders. Lightweight, low profile table stores easily out of the way. Internal baffles and slotted surface maximize air movement and dust control. Non skid top and feet. 4" dust port.

Size 40"L x 20"W x 6-1/4"H. Weight 29 lbs.

Stk.	Mfr.	Price
<b>786845</b>	W1733A	<b>WEB</b>

## TOOL BOX PROJECT KITS



### Junior Tool Box Project

**KBBI Company** The ultimate project for your metalworking class. Introduce your students to sheet metal fabrication with these tool box project kits. Using a set of basic plans, students will experience cutting and bending metal, as well as spot welding or use of pop rivets. Students can personalize their tool box by painting it or leaving it unfinished. One kit requires 3 sq./ft. of galvanized sheet metal, sold separately.

Finished size: 13-1/2"L x 5-1/8"W x 4-1/4"H

**Includes** (with each kit) steel hinge, padlock hasp, 4 nickel-plated corners, steel handle with cleats and plans with detailed instructions.

**Requires galvanized metal sheets, sold separately.**

**Tools required, sold separately:** steel rule, scratch awl, combination square, steel square, tin snips, squaring shear, box and pan brake, spot welder and rivet gun.

Stk.	Mfr.	Qty.	Price
<b>232995</b>	JTK-6	6 Kits	<b>WEB</b>
<b>232996</b>	JTK-24	24 Kits	<b>WEB</b>



### Large Tool Box Kit

**KBBI Company** The ultimate project for your metalworking class. Introduce your students to sheet metal fabrication with these tool box project kits. Using a set of basic plans, students will experience cutting and bending metal, as well as spot welding or use of pop rivets. Students can personalize their tool box by painting it or leaving it unfinished. One kit requires 5 sq./ft. of galvanized sheet metal, sold separately.

Finished size: 18-1/4"L x 6-1/4"W x 7-1/4"H

**Includes** (with each kit) steel hinge, padlock hasp, 4 nickel-plated corners, steel handle with cleats and plans with detailed instructions.

**Requires galvanized metal sheets, sold separately.**

**Tools required, sold separately:** steel rule, scratch awl, combination square, steel square, tin snips, squaring shear, box and pan brake, spot welder and rivet gun.

Stk.	Mfr.	Qty.	Price
<b>233007</b>	WTK-6	6 Kits	<b>WEB</b>
<b>233008</b>	WTK-24	24 Kits	<b>WEB</b>



### Hip Roof Tool Box Kit

**KBBI Company** The ultimate project for your metalworking class. Introduce your students to sheet metal fabrication with these tool box project kits. Using a set of basic plans, students will experience cutting and bending metal, as well as spot welding or use of pop rivets. Students can personalize their tool box by painting it or leaving it unfinished. One kit requires 8 sq./ft. of galvanized sheet metal, sold separately.

Finished size: 18-1/8"L x 6-1/8"W x 7-3/8"H

Finished size: 18-1/8"L x 6-1/8"W x 7-3/8"H

**Includes** (with each kit) 2 steel hinges, padlock hasp, 2 latches, 4 nickel-plated corners, steel handle with cleats and plans with detailed instructions.

**Requires galvanized metal sheets, sold separately.**

**Tools required, sold separately:** steel rule, scratch awl, combination square, steel square, tin snips, squaring shear, box and pan brake, spot welder and rivet gun.

Stk.	Mfr.	Qty.	Price
<b>233002</b>	MTK-6	6 Kits	<b>WEB</b>
<b>233003</b>	MTK-24	24 Kits	<b>WEB</b>



### 26-Gauge Galvanized Sheet Metal

**Forney** Grade 60 galvanized mild steel.

Stk.	Mfr.	Size	Price
<b>409913</b>	49600	24" x 36"	<b>WEB</b>



### Tool Box Continuous Hinges

**KBBI Company**

Stk.	Mfr.	Item	Size	Qty.	Price
<b>233011</b>	KB-1314	JTK	13-1/4" x 1"	1	<b>WEB</b>
<b>233010</b>	KB-1734	MTK & WTK	17-3/4" x 1"	1	<b>WEB</b>



### Tool Box Corners

**KBBI Company** Metalworking Tool Box corners. 4 corners are required for each tool box.

Stk.	Mfr.	Item	Qty.	Price
<b>233040</b>	8095N	For model JTK	1	<b>WEB</b>
<b>233039</b>	8050N	For models MTK & WTK	1	<b>WEB</b>



### JTK Tool Box Latch

**KBBI Company** For JTK Metalworking Tool Box Kit.

Stk.	Mfr.	Qty.	Price
<b>233042</b>	HC227ZE	1	<b>WEB</b>



### WTK Tool Box Latch

**Nielsen Hardware** For WTK Metalworking Tool Box Project Kits.

Stk.	Mfr.	Qty.	Price
<b>233043</b>	2200HN-2	1	<b>WEB</b>



### MTK Tool Box Latch

**KBBI Company** For MTK Metalworking Tool Box Project Kit.

Stk.	Mfr.	Qty.	Price
<b>233041</b>	44333N	1	<b>WEB</b>



### Plastic Tool Box Handle

**American Handle** For Tool Box Kits MTK and WTK. Black handle with nickel plated fittings. 6" center with fittings.

Stk.	Mfr.	Qty.	Price
<b>232920</b>	350-7415	1	<b>WEB</b>



### Steel Tool Box Handle

**KBBI Company** For Tool Box Kits MTK, WTK & JTK.

**Includes** handle and 2 cleats.

Stk.	Mfr.	Qty.	Price
<b>233012</b>	K140N-5	1	<b>WEB</b>



## RODS, SHEETS, PLATES & METALS

### Tinplates

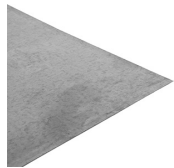
**Reynolds Services** 28 ga. sheet size 20" x 36" (approx.). Electrolytic bright finish.

Stk.	Mfr.	Qty.	Price
<b>688002</b>	TP-25	25/pkg.	<b>WEB</b>
<b>688004</b>	TP-100	100/pkg.	<b>WEB</b>

### Drill Rods

**Production Tool Supply** Water-hardened drill rod, polished and ground.

Stk.	Mfr.	Size	Length	Price
<b>682843</b>	MD50-008	1/8"	36"	<b>WEB</b>
<b>682844</b>	MD50-012	3/16"	36"	<b>WEB</b>
<b>682845</b>	MD50-016	1/4"	36"	<b>WEB</b>
<b>682846</b>	MD50-020	5/16"	36"	<b>WEB</b>
<b>682847</b>	MD50-024	3/8"	36"	<b>WEB</b>
<b>682848</b>	MD50-028	7/16"	36"	<b>WEB</b>
<b>682849</b>	MD50-032	1/2"	36"	<b>WEB</b>
<b>682707</b>	MD50-040	5/8"	36"	<b>WEB</b>
<b>682708</b>	MD50-048	3/4"	36"	<b>WEB</b>
<b>682710</b>	MD50-100	1"	36"	<b>WEB</b>



### 26-Gauge Galvanized Sheet Metal

**Forney** Grade 60 galvanized mild steel.

Stk.	Mfr.	Size	Price
<b>409913</b>	49600	24" x 36"	<b>WEB</b>



### Threaded Rod

**Hillman** Steel, all-threaded rod with zinc finish.

Stk.	Mfr.	Size	Length	Threads	Price
<b>514290</b>	11009	1/4"	36"	20	<b>WEB</b>
<b>514291</b>	11014	5/16"	36"	18	<b>WEB</b>
<b>514292</b>	11018	3/8"	36"	16	<b>WEB</b>
<b>514293</b>	11023	7/16"	36"	14	<b>WEB</b>
<b>514294</b>	11027	1/2"	36"	13	<b>WEB</b>
<b>514295</b>	11033	5/8"	36"	11	<b>WEB</b>
<b>514296</b>	11039	3/4"	36"	10	<b>WEB</b>



### Threaded Rod Rack

**Durham** Separate & protect threaded rods. Eighteen 2-1/16" dia. openings. Made of prime cold rolled steel w/interlocking construction. Gray baked enamel.

Stk.	Mfr.	Size	Price
<b>345012</b>	367-95	24-1/8"W x 24"H x 6-7/8"D	<b>WEB</b>

### Raw Metals

#### Steelworks

##### Cold Rolled Round

Stk.	Mfr.	Size	Length	Price
<b>943550</b>	11594	1/4"	48"	<b>WEB</b>
<b>943551</b>	11600	3/8"	48"	<b>WEB</b>
<b>943552</b>	11630	3/16"	48"	<b>WEB</b>

##### Hot Rolled Angle

Stk.	Mfr.	Size	Length	Price
<b>943553</b>	11701	1/8" x 3/4" x 3/4"	48"	<b>WEB</b>
<b>943554</b>	11704	1/8" x 1" x 1"	48"	<b>WEB</b>
<b>943555</b>	11707	1/8" x 1-1/4" x 1-1/4"	48"	<b>WEB</b>
<b>943556</b>	11710	1/8" x 1-1/2" x 1-1/2"	48"	<b>WEB</b>
<b>943557</b>	11713	1/8" x 2" x 2"	48"	<b>WEB</b>

##### Hot Rolled Flat

Stk.	Mfr.	Size	Length	Price
<b>943558</b>	11654	1/8" x 1" x 1"	48"	<b>WEB</b>
<b>943559</b>	11657	1/8" x 1-1/4" x 1-1/4"	48"	<b>WEB</b>
<b>943560</b>	11663	1/8" x 2" x 2"	48"	<b>WEB</b>
<b>943561</b>	11687	1/8" x 1-1/2" x 1-1/2"	48"	<b>WEB</b>

##### Hot Rolled Strip (Band Iron)

Stk.	Mfr.	Size	Length	Price
<b>943562</b>	11648	1/8" x 1/2"	48"	<b>WEB</b>
<b>943563</b>	11651	1/8" x 3/4"	48"	<b>WEB</b>
<b>943564</b>	11654	1/8" x 1"	48"	<b>WEB</b>
<b>943565</b>	11657	1/8" x 1/4"	48"	<b>WEB</b>
<b>943566</b>	11660	1/8" x 1-1/2"	48"	<b>WEB</b>
<b>943567</b>	11663	1/8" x 2"	48"	<b>WEB</b>
<b>943568</b>	11671	3/16" x 1"	48"	<b>WEB</b>

## METAL FORMING



### Standalone Scroll Bender

**Hossfeld** Bender can be mounted in a vise. Comes complete with vise-held scroll bender frame and general purpose set of scroll dies for bending 2-1/2", 4" and 5" dia. single-turn and 6-1/2" and 8" dia. 1-1/2-turn scrolls.

**Includes** scroll frame, 19 u-pin (05055), 21 u-pin roller (05165), 64B scroll die, 2-1/2" dia. single-turn (21218), 65B scroll dies for 4" dia. single-turn & 6-1/2" dia. 1-1/2-turn w/assembling pin (21219), 66B scroll dies for 5" dia. single-turn & 8" dia. 1-1/2-turn w/assembling pin (21220).

**Shown w/vise, sold separately.**

Stk.	Mfr.	Price
<b>141050</b>	17000	<b>WEB</b>



### Manual Tube Bender

**Baileigh** Bender is revolutionary in function, capacity and efficiency. Choose from 3 bending speeds, depending on material type, OD, and wall thickness, to the proper speed for each application. Bends up to 200° in one shot without you needing to stop and reset the machine.

Anti-spring back mechanism holds each bend in place as the operator ratchets forward.

Pipe capacity .75" to 2.5". Size 44"L x 27"W x 42"H.

**Includes** stand, bend handle and degree dial.

**Tooling is not included.**

Stk.	Mfr.	Price
<b>222635</b>	RDB-050	<b>WEB</b>



### Bench Top Bending System

**Shop Fox** Jig Set bends wrought iron into curves, spirals, angles and twists using round, square or rectangular steel. Weld or fasten shaped metal pieces together to make railings, support or framework for metal furniture.

Bend, twist & roll wrought iron: 1-1/4" x 1/4" rectangular, 3/8" square or round stock. Angle bending: 60° to 90°. Circle bending: 2-3/8" dia. Twist/scroll length: 40". Riveting 1/8", 3/16" & 1/4" (up to 1-1/4"W).

Stk.	Mfr.	Price
<b>785652</b>	M1010	<b>WEB</b>



### Universal Bender Model No. 2 Education Package

**Hossfeld** An ideal starter package for school shops, vocational schools, or anyone who wants a complete bender package with starter tooling for tube, pipe, flat, bar, angle iron, scrolls and ornamental work. Lets students learn metalworking skills and complete projects with hands-on experience. Solid steel UNIVERSAL™ Bender is virtually indestructible. Heat-treated for

durability, stands up to years of use. Pedestal stand lets you mount and go. Multi-functional tooling for teaching metal bending. Easy-install dies drop in place with pins; no wrenches. Mfr.'s 1-year limited warranty.

Round OD tube up to 2". Square tube up to 1-1/2". Schedule 40 pipe up to 2".

**Includes** pedestal stand, general purpose toolsets for bending pipe and bar, 60B bulldozer die set, school toolsets for bending angle iron, leg-in and leg-out, one 180° OD tube die set, 64B scroll die, 2-1/2" diameter single-turn, 51B2 edgebend die set, 51B3 edgebend and 1/4" spacer set.

Stk.	Mfr.	Price
<b>141342</b>	46025	<b>WEB</b>



### 12 Ton Hydraulic Pipe Bender

**MetalPro** This lower-cost alternative pipe bender is capable of a wide range of bending applications including pipe (schedule 40 and 80), rigid conduit, heavy wall tubing, and round bar stock (1/2" to 2"). It easily handles a wide variety of professional and industrial production jobs.

Capacity 12 tons. Speed 4-5 spm. 2,500 psi. Oil capacity 1 gal. Size: 26"W x 27"L x 43"H. Weight 250 lbs.

Stk.	Mfr.	Volts	HP	Price
<b>535430</b>	MP9000	110	3/4	<b>WEB</b>

### Pipe Bending Dies

**MetalPro** For use with MetalPro 12 Ton Hydraulic Pipe Bender. Pipe capacity (min. schedule 40, max. schedule 80).

Stk.	Mfr.	Size	Qty.	Price
<b>535450</b>	MP9030	1/2" -2"	6	<b>WEB</b>



### Box & Pan Brake

**Pexto** Light duty box and pan brake is ideal for light forming requirements (up to 16 ga. mild steel). It's adjustable back gauge is ideal for small, precise box and pan work (up to 3" deep). It bends up to a 135° angle in up to 24"

material. Fingers are heat-treated die steel and precision ground. Adjustable friction brake lock stops upper bar dead-weight drop and permits precise positioning of upper bar to scribed line on work piece before final clamping.

Max box depth 3". Max. Lift of Beam 1". Back Gauge Adjustment 0 – 24". Finger Widths 3/4" - 6".

**Includes** 3/4", 1", 1-1/2", 1-3/4", 3", 4-1/2" and 6" fingers.

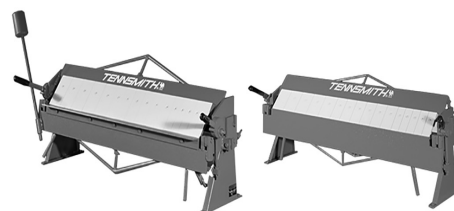
Stk.	Mfr.	Capacity Mild Steel	Price
<b>972278</b>	PX-24	16 ga. x 24"L	<b>WEB</b>



### Steel Stand

**Roper Whitney** Steel stand for Mfr.'s 63 & PX-24.

Stk.	Mfr.	Price
<b>972345</b>	239006006	<b>WEB</b>



### Benchtop Box & Pan Brake

**Tennsmith** Bench-mounted hand brake provides a wide range of sheet metal bending and forming operations. This brake is

made of all-steel welded construction, readily adjustable and utilize bronze bearings at pivot points.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>892815</b>	HBU48-16	16 ga. x 48-1/4"L	<b>WEB</b>
<b>892850</b>	U48-22	22 ga. x 48-1/4"L	<b>WEB</b>



### Box and Pan Brake Stand

**Tennsmith** Steel stand for Box and Pan Brake Models U48-22 and HBU48-16.

Stk.	Mfr.	Size	Price
<b>892812</b>	MODEL48STAND	56"W x 18"D x 26"H	<b>WEB</b>



### Brake Stand

**J E T** Stand for use with models BP-1648, BPB-1648, BP-2248, HB-1648H & HB-2248H.

Stk.	Mfr.	Price
<b>485741</b>	S-48N	<b>WEB</b>



### Bench Model Box and Pan Brake

**J E T** Perfect for the larger, high volume shop that requires versatility yet demands rugged durability and bending precision. With fingers installed it can be used as a full-length nose bar, turning the machine into a straight bending brake. Sectioned fingers are easily removed for box bending and special forming operations. Stop rod for repeatable bending. Total of 16 assorted size section fingers. Mfr.'s 2-year warranty.

Max. box depth 4". Max. lift of beam 1-1/4".

Beam adjustment 5/8" front to rear.

Tool size 66"L x 23-1/4"W x 32-1/4"H. Tool weight 448 lbs.

**Includes** 16 fingers (4@2", 6@3", 6@4"), 1/32" nose radius and 45° nose angle.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>486082</b>	BPB-1650	16 ga. x 50"L	<b>WEB</b>



### Bending Brake

**Roper Whitney** All-steel construction with bronze bushings at points of wear.

Length of bend 48-1/4".

Capacity mild steel 22 ga.

Flange full L. 3/8". Max. lift of beam 7/8". Min. reverse bend 5/16".

Finger widths 2", 3", 4". Max. depth of box 3".

Stk.	Mfr.	Price
<b>170268</b>	U422	<b>WEB</b>

### Steel stand

Stk.	Mfr.	Price
<b>170335</b>	239005012	<b>WEB</b>



### Finger Brake

**Di-Acro** Finger Brake is used to form and duplicate boxes, pans, angles, channels, flanges, and "V's" out of sheet metal – up to 16 gauge mild steel. The operator can easily adjust for material thickness, and use adjustable stops to control bend angle. Box finger segments enable

the operator to form boxes from 3/4" up to the full width of the machine in increments as small as 1/4".

Min. reverse bend 1/4".

Max. depth of box or pan 3". Min. reverse bend 1/4".

Max. angle bend 135° (1 operation). Max. back ga. adjustment 24".

**Includes** zero radius fingers (2 ea.) 3/4", 1", 1-1/4", 3", 6", adjustable stops and quik-set micrometer back gauge.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>325675</b>	8347820-080	16 ga. x 24"W	<b>WEB</b>
<b>326077</b>	8348820-080	16 ga. x 36"W	<b>WEB</b>



### Model 24 Steel Stand

**Di-Acro** Steel stand for Di-Acro Finger Brake Mfr. 8347820-080 and Hand Shear Mfr. 8241800-080.

**Includes** fasteners.

Stk.	Mfr.	Size	Price
<b>325876</b>	8346110-900	38"W x 15"D x 33-1/4"H	<b>WEB</b>



### Model 36 Steel Stand

**Di-Acro** Steel stand for Finger Brake Mfr. 8348820-080.

**Includes** fasteners to attach finger brake to stand.

Stk.	Mfr.	Size	Price
<b>326211</b>	8348110-900	48"W x 15"D x 33-1/4"H	<b>WEB</b>



### Adjustable Bar Folders

**Roper Whitney** Versatile, adjustable machine performs many essential sheet metal operations using one motion to clamp and fold. For "S" clips and drive cleats, forming sharp

locks on edges of sheet metal for double seam, open locks for wired edges, flanges of various degrees, plus single or double hems.

**Includes** quick set back gauge.

**20 Gauge** Max folding 36"L, 3/8" dia. Gauging range 1/8" - 1-1/4".  
Size 50"L x 30"W.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>976400</b>	055	20 ga.	<b>WEB</b>

**22 Gauge** Max folding 30"L, 1/4" dia. Gauging range 1/8" - 1".  
Size 42"L x 26"W.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>976410</b>	63	22 ga.	<b>WEB</b>

### Floor Mount Stand

**Roper Whitney** Steel stand for Mfr.'s 055 & 381.

Stk.	Mfr.	Price
<b>974020</b>	239006007	<b>WEB</b>



### Shear, Brake & Roll Machine

**J E T** Receive 3 separate functions in 1 compact machine with these machines that offer right or left-hand operation for mild steel, aluminum, brass, copper, lead, plastic and zinc. Brake is equipped with easily removable fingers for angle, channel, box and other complex bending operations. Precision-turned and ground slip rolls with wire grooves (1/8", 3/16", 1/4").

**Includes** set of male dies, 1 female die, dual-edge shear blade, spring-loaded work hold down and back gauge.

**30"L** Slip roll 30"L x 1-1/2"W. Min. form radius 3/4".  
Size 42"L x 16"W x 24"H. Weight 290 lbs.

Stk.	Mfr.	Shear, Bend, Roll Capacity	Price
<b>485811</b>	SBR-30M	20 ga.	<b>WEB</b>

**40"L** Slip roll 40"L x 1-5/8"W. Min. form radius 1".  
Size 56"L x 23"W x 30"H. Weight 575 lbs.

Stk.	Mfr.	Shear, Bend, Roll Capacity	Price
<b>485812</b>	SBR-40M	20 ga.	<b>WEB</b>

### Shear, Brake & Roll Machine Stand

**J E T** Steel Stand for JET Shear, Brake and Roll Machine.

Stk.	Mfr.	Item	Size	Price
<b>485795</b>	S-30N	Fits SBR-30M	40"L x 16"W x 24"H	<b>WEB</b>
<b>485796</b>	S-40N	Fits SBR-40M	49"L x 21"W x 30"H	<b>WEB</b>



### Slip Roll Machines

**Tennsmith** SR series slip rolls combine precision-turned, ground and polished, high-carbon steel rolls with heavy-duty, cast iron end frames and welded steel base to make an accurate, durable forming tool. Large roll adjusting screws, scales (for speeding repeat set-up) and front-mounted handle (to lift upper roll for material removal).

**Shown w/stand, sold separately.**

**20 Gauge** Max. form length 24". Min. form radius 1". Rolls 3 @ 2". Wire grooves 3/16", 1/4", 5/16". Size 42"L x 11"W x 22"H. Weight 190 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>892830</b>	SR24	20 ga.	<b>WEB</b>

**22 Gauge** Max. form length 36". Min. form radius 1". Rolls 3 @ 2". Wire grooves 3/16", 1/4", 5/16". Size 54"L x 11"W x 22"H. Weight 250 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>892832</b>	SR36	22 ga.	<b>WEB</b>

#### Steel Stand for SR24

Stk.	Mfr.	Capacity Mild Steel	Price
<b>892831</b>	SR24-STAND		<b>WEB</b>

#### Steel Stand for SR36

Stk.	Mfr.	Capacity Mild Steel	Price
<b>892833</b>	SR36-STAND		<b>WEB</b>



### Slip Roll Machine

**Pexto** A lift-type slip roll former that leaves the operator's hands free to feed and remove work.

Max. form length 36". Min. form radius 3". Rolls 2 @ 2". Wire grooves 3/16", 1/4", 5/16". Size 55"L x 11"W x 15"H. Weight 245 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>973953</b>	381	22 ga.	<b>WEB</b>



### Bench Slip Roll Machines

**J E T** For industrial, educational and vocational shops. Precision-turned carbon steel rolls are ground and polished. Large roll adjusting screws for lifting upper roll for easy material removal.

**16 Ga.** Max. form length 50". Min. form radius 2". Rolls 3 @ 3". Wire grooves 1/4", 5/16", 3/8". Size 68"L x 22"W x 24"H. Weight 512 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>485763</b>	SR-1650M	16 ga.	<b>WEB</b>

**20 Ga.** Max. form length 24". Min. form radius 1". Rolls 3 @ 2". Wire grooves 3/16", 1/4", 5/16". Size 37"L x 17"W x 17"H. Weight 172 lbs.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>485762</b>	SR-2024M	20 ga.	<b>WEB</b>



### Electric Slip Roll

**J E T** Rugged frame and base ensure that hardened polished, high-carbon steel rolls deliver smooth, even results. All electrical and rotating parts are designed to enhance operator safety and comfort during use. Forming roll has

attached position scale for equal pressure adjustment. Foot-control assembly with emergency-button. Easy setup and operation, this is a must-have for any HVAC or fabrication shop.

230/460V (prewired 230V), 1 HP, 3 Phase. Max. form length 50". Min. form radius 2".

**Includes** foot pedal control assembly and electrical box keys.

Stk.	Mfr.	Capacity Mild Steel	Price
<b>486129</b>	ESR-1650-3T	16 ga.	<b>WEB</b>



### Notcher

**Tennsmith** A versatile, heavy-duty bench tool for shearing, notching and piercing work. The heavy cast iron construction allows the notcher to be used to side shear 6" of material to its rated capacity; and the throat behind the upper ram is beveled on one side to permit long strips of material to pass without restriction. Notches of more than 90° can be ac-

complished in 2 operations. The upper blades can be reversed for a "nose to heel" cutting action; and the ram stroke can be controlled by means of 2 set screws to permit limited throat piercing and knockout operations.

Max. Capacity Mild Steel: Notching 16 ga.

Piercing 18 ga. Notch size 6" x 6" x 90°.

**Includes** upper standard blades (#6, #7).

Stk.	Mfr.	Price
<b>892800</b>	16-18	<b>WEB</b>



### Notcher Steel Stand

**Tennsmith** Heavy-duty fabricated steel stand for Tennsmith Notcher Model 16-18.

Stk.	Mfr.	Price
<b>892801</b>	16-18-STAND	<b>WEB</b>



### Manual Corner Notcher

**Baileigh** High quality cast iron sheet metal notcher is ideal for any sheet metal class. Cutting angle is fixed at 90° and notches up to 6" x 6" in one manual stroke. Finished notches have extremely clean and burr-free edges. Easily moved around classroom. Adjustable guides allow for repeatable notches.

Max. capacity mild steel: Notching 16 ga. Notch size 6" x 6" x 90°. Stroke length: 3/4". Table size 18" x 12".

**Includes** blade guard and floor stand.

Stk.	Mfr.	Price
<b>222650</b>	SN-F16-HN	<b>WEB</b>



### Deep Throat Combination Rotary Machine

**Pexto** Simply changing the rolls allows this machine to perform turning, burning, wiring, elbow edging, flanging and flattening operations. It may be operated from left or right, both with a clockwise rotation of the handle. Deep throat for additional forming capabilities, such as furnace collar edging.

**Includes** set of 4 rolls and gauges, plus a clamp-on offset base.

Stk.	Mfr.	Capacity	Throat	Distance Between Shaft Centers	Price
<b>974422</b>	622	24 ga.	7"	2"	<b>WEB</b>





#### Jaws IV 50-Ton Ironworkers

**Edwards** Receive direct drive from motor to pump without troublesome belts. This wide mouth modular hydraulic metalworking machine with 7" throat performs 4 big jobs: cuts both flats and angles, plus punches and notches. Adjustable steel punch strippers. Fast adjusting hold-down bars. Threaded table holes

for jigs. Pipe coupling welded to back side for optional back gauge. Slots for gauging feed tables.

Coping/notching capacity 5/16" x 2" x 3". Pipe notcher: (Schedule 40) 1/2" to 2", copper (optional) 2" x 3" x 5/16", angle 3/8" x 3" x 3" & 1/4" x 4" x 4". Shear: flat bar 1/2" x 10" & 3/4" x 4", round 1", square 1". Speed 2,850 spm. Throat 7". Max. punch 1-1/16". Hydraulics 2,200 psi. Size 30-1/4"W x 30-1/4"L x 62"H. Weight (shipping) 1,400 lbs.

**Includes** motor and pump, 17/32" round punch and die set, angle iron blades, flat, round shear blades and notcher.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>380560</b>	IW50-1P230	220	3	1	<b>WEB</b>
<b>380565</b>	IW50-3P230	220	3	3	<b>WEB</b>



#### 45-Ton Ironworker

**J E T** Four workstations for any need: punch, flat bar shear, angle shear, rod shear. Compact size, punch and die holder and slug receptacle keep spaces clean. Has foot control, adjustable height and blades made from steel with two cutting edges.

Punching capacity 1" dia. in 1/2" mild steel. Angle shear capacity 3" x 3" x 1/4" at 90°, 2" x 2" x 3/8" at 45°. Shear flat bar 1/4" x 8", 3/8" x 6", round 1", square 3/4". Speed 3,500 rpm. Throat 5-3/4". Max. punch 1-1/2".

Hydraulics 2,800 psi. Tool size 51"L x 45"W x 64"H. Tool weight 698 lbs.

**Includes** punch and die storage tray.

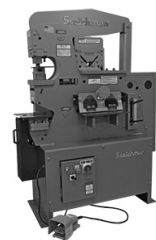
Stk.	Mfr.	Volts	HP	Phase	Price
<b>485865</b>	JIW-45T	115	1-1/2	1	<b>WEB</b>

**Punch & Die Set** For JIW-45T Ironworker. **Includes** 8 standard round punch and die sets selected to accommodate the most commonly used bolts. Sized in 1/8" increments from 3/16" to 1-1/16" with 1/32" clearance.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485867</b>	PD1000				<b>WEB</b>

**Punch Assembly** For JIW-45T Ironworker. Provides a second Punching station allowing increased output. Compatible with most Edwards Punch and Die Sets including round, square, oblong, hex, and metric.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485866</b>	756105				<b>WEB</b>



#### 50-Ton Hydraulic Ironworker

**Scotchman** An all-around workhorse with 50-ton punch capable of producing a 13/16" hole in 3/4" material, a 4" x 4" x 3/8" angle shear, a 14" flat bar shear, a built-in rectangle notcher and a fifth station capable of housing an optional pipe notcher. Adjustable electric stroke control with scale. Electric remote foot pedal. Punch nut with wrench and stripper. Keyed punch ram for safety.

Punching capacity 1-1/4" in 1/2" and 13/16" in 3/4". Notching capacity 2-1/2" x 2-3/4" x 3/8". Pipe notcher (Schedule 40) 3/4", 1", 1-1/4", 1-1/2", 2". Angle shear capacity 4" x 4" x 3/8" at 90°, 2" x 2" x 3/8" at 45°. Shear flat bar 1/4" x 14", 3/4" x 4", 1/2" x 8", 3/8" x 10", 1/4" x 14", round 1", square 3/4". Speed 17/40 spm. Throat 6". Max. punch 1-1/4". Hydraulics 2,350 psi. Tool size 47"L x 29"W x 59"H. Tool weight 1,515 lbs.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>772011</b>	50514-EC-1PH	220	5	1	<b>WEB</b>
<b>772012</b>	50514-EC-3PH	208/230/406	3	3	<b>WEB</b>

#### #20 Round Punch and Die Set

**Scotchman** Set includes the #20 punches and dies sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" and 1".

Stk.	Mfr.	Price
<b>772002</b>	2505	<b>WEB</b>

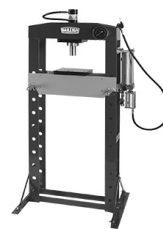
## HYDRAULIC PRESS EQUIPMENT



#### Hydraulic Press

**J E T** Hydraulically powered H-frame press machine is built using heavy steel plate that is electro welded together, and comes standard with industrial grade hydraulics. This machine is for the serious metalworking teacher who demands only the best quality for the students. Easy-to-use, hand-operated with pressure gauge for direct pressure readings.

Stk.	Mfr.	Item	Price
<b>486032</b>	HP-5A	5-Ton	<b>WEB</b>
<b>486033</b>	HP-15A	15-Ton	<b>WEB</b>



#### H-Frame Hydraulic Press

**Baileigh** High-quality, inexpensive H-frame shop press maintains strength and accuracy with a fully-welded solid steel frame. Industrial-grade hydraulic components will provide years of reliable use. Rigid, electro-welded steel construction lets you work at full capacity with no worries about the machine flexing.

**Includes** v-block set.

Stk.	Mfr.	Item	Price
<b>222590</b>	HSP-20A	20-Ton	<b>WEB</b>
<b>222591</b>	HSP-30A	30-Ton	<b>WEB</b>



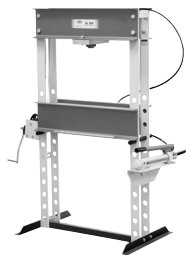
#### 20-Ton Commercial-Grade Hydraulic Shop Press

**Ranger** Robust 20-ton press designed with heavy steel construction is ideal for removal and installation of gears, bushings and bearings. Integrated 4" dia. 20-ton pressure gauge. Hydraulic cylinder moves laterally. Independent 2-speed hydraulic pump. Adjustable table height. Also excels at bending, straightening and flattening.

Size 60-1/4"H x 37"W x 27-1/4"D. Weight 255 lbs. (shipping).

**Includes** 2 heavy-duty press plates.

Stk.	Mfr.	Price
<b>235581</b>	RP-20HD	<b>WEB</b>



### 25-Ton Capacity Hydraulic Shop Press

**OTC** Tough, economical press is ideal for pressing rear axle bearings, piston pins and more. Large 30" x 46" work area under ram makes positioning of even bulky work easy. Press bed is easily raised and lowered by lifting mechanism.

Stroke length 5-3/4" - 46". Size 69-1/2"H x 30"W.

**Includes** hydraulic hand pump, gauge, hose (1/4" ID x 6'), hydraulic ram with 6-1/4" stroke and pump mounting bracket.

Stk.	Mfr.	Price
<b>693307</b>	1833	<b>WEB</b>

**Accessory Set** Attach to ram's forcing screw or support work on the press bed. **Includes** bearing pulling attachment, 2 ram pushing adapters (3/4" dia. shank & 1" dia. shank), V-pushing adapter, 11-1/2" long V-blocks, ram forcing cap and threaded adapter.

Stk.	Mfr.	Price
<b>693316</b>	1881	<b>WEB</b>



### 35-Ton Hydraulic Press

**JET** For pressing, bending and straightening operations. Hand-operated with pressure gauge for direct readings. Side frames are open for inserting long material. Tables raise and lower easily with use of hand crank. Fast set-up ram extension screw. Ram moves laterally for added versatility. Straightness testing support uses centers or v-blocks.

Ram 3" dia. Piston stroke 4-1/2". Screw stroke 2-3/4".

Vertical table travel 22-3/8". Lateral movement 13-3/8".

Work table 31" x 10-3/8". Size 43-1/2" x 55-1/2" x 68H". Weight 682 lbs.

Stk.	Mfr.	Price
<b>486034</b>	HP-35A	<b>WEB</b>

## SHEARS



### 10 Gauge Hand Shear

**Makita** Shear combines power and improved ergonomics for a range of metal cutting applications. Engineered to cut without the material loss in kerf typically associated with nibblers. Minimum cutting radius of 2" for precision applications. Less noise at 81 dB(A) for continuous operation. Lock-on switch and built-in thickness gauge. Highly visible line-of-sight for precise pattern following. Easily replaceable blades with 8 cutting edges each. Rubberized soft grip handle.

Capacities 9 ga. aluminum, 10 ga. mild steel, 13 ga. stainless. Tool size 8-3/8"L. Weight 7.4 lbs.

**Includes** hex wrench, shear blade set and thickness gauge.

Tool size 8-3/8"L. Weight 7.4 lbs.

**Includes** hex wrench, shear blade set and thickness gauge.

Stk.	Mfr.	Volts	Amps	Speed (spm)	Min. Radius	Price
<b>511371</b>	JS3201	120	6.2	1,600	2"	<b>WEB</b>



### 20V Max 14 Gauge Swivel Head Hand Shear

**DEWALT** The 360° tool free swivel head allows the user to access tight spaces. This shear has 2,450 SPM, which provides consistent and accurate cuts through 7/32" steel round, while the material continuously curls out of the cutting area.

Capacity 14 ga. mild steel, 16 ga. stainless. Tool size 15.5"L. Weight 4.6 lbs.

**Includes** charger and 20V MAX\* 4 Ah Li-ion battery.

**\*Maximum initial battery voltage (measured without a workload) is 20 volts. Nominal voltage is 18.**

Stk.	Mfr.	Volts	Speed (spm)	Min. Radius	Price
<b>242963</b>	DCS494M2	20	2,450	5"	<b>WEB</b>



### 18 Gauge Hand Shear

**Milwaukee** 6.8 amp motor and 360° swivel head combine for a powerful, yet flexible cutting tool. Lightweight, heavy-duty magnesium gear case. Double insulated shear with locking trigger switch. Ergonomic, tactile grip handle.

Capacities: 18 ga. steel, 20 ga. stainless. Tool size 12-1/4"L and 4.1 lbs.

**Includes** 10' flexible runner cord and wrench.

Stk.	Mfr.	Volts	Amps	Speed (spm)	Min. Radius	Price
<b>576182</b>	6852-20	120	6.8	0-2,500	7"	<b>WEB</b>



### Multi-Purpose Manual Sheet Metal Shears

**Baileigh** Bench mounted multi-purpose manual shear. Perfect for small fabrication shops. Uses a gear system (MPS-8G) or leverage system (MPS-12) connected to the pull down handle for more efficiency allowing .236" mild steel to be cut with ease. Multi-edge blades for increased productivity. Spring-assisted action for increased leverage.

Capacity Mild Steel: Sheet .236", Round .5", Flat 2.75" x .236".

Weight 45 lbs. (MPS-8G), 64 lbs. (MPS-12).

**Includes** adjustable material hold down.

Stk.	Mfr.	Blade	Price
<b>222600</b>	MPS-8G	8"L	<b>WEB</b>
<b>222605</b>	MPS-12	12"L	<b>WEB</b>



### Mini Shear/Brake Combination Machine

**Baileigh** Manual press brake/shear combo is perfect for small arts and crafts projects where a bigger machine wouldn't be as efficient. Back gauge for easy repeatability. Durable steel frame mounts to benchtop. 90° maximum bend angle makes perfect corners.

Shear/bending capacity 20 ga. Max. cutting 7-7/8".

Tool size 20"L x 13"W x 8"H (shipping). Tool weight 30 lbs. (shipping).

**Includes** gauge and accessories.

Stk.	Mfr.	Price
<b>222640</b>	SB-8	<b>WEB</b>



### Hand Shear

**Di-Acro** Hand shear offers precision shearing at an economical price. Utilizing overdriven leverage, it is ideal for use on light and medium weight sheet metal, plastics, rubber, fabric, leather, synthetics, dielectrics and various other materials. Well suited to prototype shops and short run production operations.

**Includes** combination material hold-down bar and safety guard, side squaring gauge, reversible protractor gauge, quik-set micrometer back gauge, adjustable stops, set of 4-edged HCHC toolsteel blades, ruled steel guides, adjustable protractor gauge and 2 blades stops.

Stk.	Mfr.	Capacity Mild Steel	Shearing Length	Price
<b>325541</b>	8231800-080	16 ga.	12"	<b>WEB</b>
<b>325809</b>	8241800-080	16 ga.	24"	<b>WEB</b>



### Model 12 Steel Stand

**Di-Acro** Steel stand for Hand Shear Mfr. 8230110-900.

**Includes** fasteners to attach shear to stand.

Stk.	Mfr.	Size	Price
<b>325608</b>	8230110-900	20"W x 15"D x 33-1/4"H	<b>WEB</b>

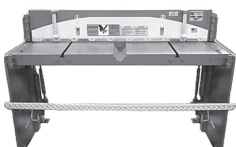


### Model 24 Steel Stand

**Di-Acro** Steel stand for Di-Acro Finger Brake Mfr. 8347820-080 and Hand Shear Mfr. 8241800-080.

**Includes** fasteners.

Stk.	Mfr.	Size	Price
<b>325876</b>	8346110-900	38"W x 15"D x 33-1/4"H	<b>WEB</b>



### Foot Shear

**Pexto** Triple-action shearing including relief on both edges of this shear's fixed and moving blades. Eliminates blade-to blade friction and sheet movement under shearing stress. Double penetration cutting.

Capacity mild steel 16 ga. Back/Front gauge 25"/30".

Gauge in position 60" x 76".

Size 60"L x 34"W x 42"H. Weight 1,000 lbs.

**Includes** well guard, treadle stop and fingerguard.

Stk.	Mfr.	Shearing Length	Price
<b>973571</b>	152	52"	<b>WEB</b>



### 16 Gauge Foot Shear

**J E T** High quality, hardened and tempered stainless steel blades for precision shearing of mild steel up to 16 gauge. Adjustable hold down clamp secures materials during operation to prevent errors. Cast-iron frame eliminates deflection across blade-span and blade frame work. Precise bed and beam alignment assures

working accuracy. Upper blade is 4-way; bottom blade is 2-way. Rear depth gauges with micro adjustment for precise measurements.

Capacities: back gauge 25-1/2", front gauge 28".

Size 62-1/4"L x 72"W x 41-1/2"H. Weight 1,220 lbs.

**Includes** hardened stainless steel blades.

Stk.	Mfr.	Capacity Mild Steel	Shearing Length	Price
<b>486042</b>	FS-1652J	16 ga.	52"	<b>WEB</b>



### Sheet Metal Foot Shear

**Tennsmith** The shear frame, bed and cutter head assemblies are constructed of heavy-duty cast iron. Shear bed is machined and then surface ground to precision tolerances to ensure an accurate working surface. These shears feature tri-action, high-carbon/high chromium

(HCHC) steel blades. Both the upper and lower blades have a 2° edge relief and the lower blade has an additional 1° face relief for maximum material penetration with minimum effort. Tri-action blades help prevent material movement while shearing. The lower shear blade is bed adjusting and the upper blade is adjustable by means of a truss bar on the cutter head. Spring-activated hold-down feet clamp the work piece securely in place. The standard, double-locking back gauge gives highly accurate readings.

**Includes** back gauge, front extension arms with stop, bevel gauge and graduated side scales.

Stk.	Mfr.	Shearing Length	Size (Ga. in Position)	Price
<b>892805</b>	36	37"	45" x 80"	<b>WEB</b>
<b>892808</b>	52	52-1/4"	60" x 80"	<b>WEB</b>



### 16 Gauge Pneumatic Shear

**J E T** Delivers the strength and accuracy your shop demands in a rugged, cast iron-grade frame. The pneumatic control system ensures smooth operation and smooth cuts along the precision-aligned bed and beam. Adjustable

working bed for correct setup according to the blade clearance. Low cutting angle to cut narrow strips without twisting.

Capacity: mild steel 16 ga., soft alloy 12-14 ga. Back/Front gauge 28.5"/28". Size 60"L x 24"W x 43"H. Weight 1,048 lbs.

**Includes** pneumatic shear, foot pedal, 2 front arm extensions, front stop, rear stop, 2 scale rods, 2 adjusting block assemblies and bevel gauge.

Stk.	Mfr.	Shearing Length	Price
<b>486126</b>	PS-1652T	52"	<b>WEB</b>

## HAND TOOLS



### Hand Seamer

**Pexto** For all metal seaming work.

Stk.	Mfr.	Jaw Depth	Jaw Width	Overall Length	Price
<b>974556</b>	793	1/4"-1"	3-1/2"	8"	<b>WEB</b>



### Straight Handle Hand Seamer

**Wiss** Non-slip cushion grips for superior control. 1/4" depth markings.

Stk.	Mfr.	Jaw Depth	Jaw Width	Overall Length	Price
<b>306990</b>	WS3N	1/4"-1-1/4"	3-1/4"	9"	<b>WEB</b>



### Offset Handle Hand Seamer

**Wiss** Ideal for bending and flattening sheet metal in confined areas. Optimal handle span for maximum power and comfortable operating range. 1/4" depth markings. Non-slip cushion grip.

Stk.	Mfr.	Jaw Depth	Jaw Width	Overall Length	Price
<b>306991</b>	WS4N	1/4"-1-1/4"	3-1/4"	9"	<b>WEB</b>



### No. 5 Jr. Hand Punch Kit

**Roper Whitney** Hand punch has a standard 1-3/4" throat depth.

**Includes** 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32" round punch and die, plus molded case.

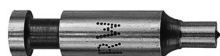
Stk.	Mfr.	Price
<b>970938</b>	135010050	<b>WEB</b>



### No. 5 Jr. Bench Mounting Base

**Roper Whitney** Punch is held by an L-shaped clamp rod, through a 7/16" or larger hole in the bench top. Swivel base to any position.

Stk.	Mfr.	Price
<b>971005</b>	139010050	<b>WEB</b>



### No. 5 Type O Round Punch

**Roper Whitney**

Stk.	Mfr.	Size	Price
<b>971541</b>	300050094	3/32"	<b>WEB</b>
<b>971876</b>	300050125	1/8"	<b>WEB</b>
<b>971608</b>	300050156	5/32"	<b>WEB</b>
<b>971809</b>	300050188	3/16"	<b>WEB</b>
<b>971675</b>	300050219	7/32"	<b>WEB</b>
<b>971943</b>	300050250	1/4"	<b>WEB</b>
<b>971742</b>	300050281	9/32"	<b>WEB</b>



### No. 5 Type O Round Die

**Roper Whitney**

Stk.	Mfr.	Size	Price
<b>971072</b>	310050094	3/32"	<b>WEB</b>
<b>971407</b>	310050125	1/8"	<b>WEB</b>
<b>971139</b>	310050156	5/32"	<b>WEB</b>
<b>971340</b>	310050188	3/16"	<b>WEB</b>
<b>971206</b>	310050219	7/32"	<b>WEB</b>
<b>971474</b>	310050250	1/4"	<b>WEB</b>
<b>971273</b>	310050281	9/32"	<b>WEB</b>



### Hand Crimper

**Wiss** 5-blade hand crimper. Crimps male fitting end to connect guttering, downspouts or metal pipe. Optimal handle span for maximum power and comfortable operating range. Non-slip cushion grip handle.

Stk.	Mfr.	Throat	Overall Length	Price
<b>306993</b>	WC55N	1-1/4"	9-3/4"	<b>WEB</b>



### Hand Notcher No. 141

**Roper Whitney** Designed for making a fast, accurate notch in sheet metal. Hook design of spring-return jaws permits notching to the exact desired depth without slippage and with minimum effort.

Capacity 20 ga. mild steel.

Stk.	Mfr.	Type	Throat	Overall Length	Price
<b>973551</b>	141	32°	13/16"	9"	<b>WEB</b>



### Hand Notcher No. 540 Series

**Roper Whitney** Designed for notching or coping angle iron.

Capacity 20 ga. mild steel.

Stk.	Mfr.	Type	Throat	Overall Length	Price
<b>974214</b>	541	90°	1"	9"	<b>WEB</b>
<b>974217</b>	542	45°	1"	9"	<b>WEB</b>



### Hand Notcher

**Wiss** Makes 30° V-shaped cut in sheet metal. Makes a clean notch without slipping at corners and take-off tabs. Non-slip cushion grips for superior comfort and control.

Capacity 20 ga. mild steel.

Stk.	Mfr.	Type	Throat	Overall Length	Price
<b>306992</b>	WHN1N	30°	13/16"	8-3/4"	<b>WEB</b>



### Anvils

**Milwaukee Tool** Solid cast steel, machined anvils are heat-treated and tempered. This reduces strain as the softer inner body absorbs impact blows through the hardened surface. Ideal for metalworking, loosening fittings and more.

**Meets Federal Specifications: GGG-A-576B Type I (\*except 8 lbs.).**

Stk.	Mfr.	Size	Price
<b>577700</b>	8CI	8 lbs.*	<b>WEB</b>
<b>577701</b>	55CI	55 lbs.	<b>WEB</b>
<b>577702</b>	65CI	65 lbs.	<b>WEB</b>
<b>577703</b>	85CI	85 lbs.	<b>WEB</b>



### Brass Interlocking Stencils

**Young Bros.** Adjustable and interlocking Gothic style characters for horizontal composition. Stencils adjust quickly for perfect character alignment, spacing, and clean, bold characters.

**33-Piece Letter Sets** Contains letters A-Z & I beginner, I letter ender, I space, I period, I comma & I dash.

Stk.	Mfr.	Size	Price
<b>443134</b>	01338	1"	<b>WEB</b>
<b>443201</b>	02338	2"	<b>WEB</b>

**15-Piece Figure Sets** Contains figures 1-9, 0, 0 & I beginner, I figure ender, I period & I dash.

Stk.	Mfr.	Size	Price
<b>443000</b>	01158	1"	<b>WEB</b>
<b>443067</b>	02158	2"	<b>WEB</b>





### Steel Letter & Figure Stamp Sets

**Young Bros.** A complete set of machine-made Gothic style letters (A-Z & I period) or figures (0-9), furnished in a wooden box with lid.

#### Figure Sets

Stk.	Mfr.	Size	Price
<b>986000</b>	0309I	1/8"	<b>WEB</b>
<b>986134</b>	0509I	3/16"	<b>WEB</b>
<b>986268</b>	0609I	1/4"	<b>WEB</b>

#### Letter Sets

Stk.	Mfr.	Size	Price
<b>986067</b>	0327I	1/8"	<b>WEB</b>
<b>986201</b>	0527I	3/16"	<b>WEB</b>
<b>986335</b>	0627I	1/4"	<b>WEB</b>

#### Letter & Figure Sets

Stk.	Mfr.	Size	Price
<b>986072</b>	0336I	1/8"	<b>WEB</b>
<b>986208</b>	0536I	3/16"	<b>WEB</b>
<b>986340</b>	0636I	1/4"	<b>WEB</b>

## SNIPS



### MultiMaster® Snips

**Wiss** Combine the long cut of tinner's snips with the strength of compound action and increase force of the hand by 5 times. Great for making

long, fast cuts in paper, plastic, sheet metal, aluminum, vinyl siding, screening and more. Nonslip, serrated jaws cut up to 20 ga. steel. Comfort textured grips.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307016</b>	M300N	3"	10-1/2"	Straight	<b>WEB</b>



### Aviation Pattern Snips

**Irwin** Durable hot drop-forged steel blades, precision-ground for strength. Ergonomic ProTouch™

grips provide control, reduced fatigue. Serrated blades assure smoother cuts without double marked edges. Long-life spring. I-hand safety latch is accessible from grips. Cuts up to 18 ga. cold-roll steel, 23 ga. stainless steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>619496</b>	2073111	1-5/16"	10"	Left	<b>WEB</b>
<b>619497</b>	2073112	1-5/16"	10"	Right	<b>WEB</b>
<b>619498</b>	2073113	1-5/16"	10"	Straight	<b>WEB</b>



### Ergo Aviation Snips

**DEWALT** The Ergo Aviation snip has a reduced handle span, providing lower level of

effort required while cutting tough materials. Cutting capacity 18 to 22-ga. sheet metal. Serrated cutting edges prevent materials from slipping during use. Slip-resistant, bi-material cushion grip.

Stk.	Mfr.	Cutting Length	Type	Price
<b>243430</b>	DWHT14673	2.75"	Left	<b>WEB</b>
<b>243431</b>	DWHT14674	2.75"	Right	<b>WEB</b>
<b>243432</b>	DWHT14675	2.75"	Straight	<b>WEB</b>



### Metalmaster® Offset Snips

**Wiss** Offset blades keep hands clear of metal. Non-slip serrated jaw of tough molybdenum steel withstands strain of cutting 18 ga. low-car-

bon cold rolled steel and tight curves. Spring-action for fast, effortless feed. High tensile strength steel handle with textured comfort grips. Safety latch.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307021</b>	M6R	1-1/4"	9-1/4"	Straight/Left	<b>WEB</b>
<b>307022</b>	M7R	1-1/4"	9-1/4"	Straight/Right	<b>WEB</b>



### Metalmaster® Snips

**Wiss** Non-slip serrated jaws are made of wear-resistant molybdenum steel. Handles are made of high strength steel with non-slip textured grips and hang hole. Self-opening action. Safety latch. Left and right cutting styles cut from tight curves to straight.

#### Compound Action For cutting up to 18 ga. steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307004</b>	M1R	1-3/8"	9-3/4"	Left	<b>WEB</b>
<b>307010</b>	M2R	1-3/8"	9-3/4"	Right	<b>WEB</b>
<b>307015</b>	M3R	1-3/8"	9-3/4"	Straight	<b>WEB</b>

#### Bull Dog For notching or trimming up to 16 ga. heavy steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307020</b>	M5R	7/8"	9-1/4"	Straight	<b>WEB</b>

#### Special Series For cutting up to 18 ga. exotic steel. Hardened steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>307003</b>	M1RSI	1-3/8"	9-3/4"	Left	<b>WEB</b>
<b>307005</b>	M2RSI	1-3/8"	9-3/4"	Right	<b>WEB</b>



### Flat Blade Tinner Snips

**Irwin** Forged of high-quality tool steel. Polished blades are ground for a keen, strong edge that retains its sharpness. Powerful leverage for smooth, even cuts. Cushion-grip handles.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>619100</b>	007	2"	7"	Straight/Wide Curves	<b>WEB</b>
<b>619320</b>	010	2-1/4"	10"	Straight/Wide Curves	<b>WEB</b>
<b>619415</b>	012	3"	12-3/4"	Straight/Wide Curves	<b>WEB</b>



### Duckbill Blade Tinner Snips

**Irwin** Hot drop-forged high-carbon steel duckbill (thin) blades are precision-ground for low and bow to insure a tight grip on materials and cleaner cuts. Specially heat-treated for uniform blade hardness.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>619491</b>	210	2-1/4"	10"	Straight/Tight Curves	<b>WEB</b>
<b>619493</b>	212	3"	12-3/4"	Straight/Tight Curves	<b>WEB</b>



### Straight Pattern Tinner Snips

**Crescent** Hot drop-forged steel blades, with precision ground cutting edges and an adjustable pivot bolt. Torque control handle rings provide superior comfort, and are sized to accommodate hands with or without gloves.

Stk.	Mfr.	Cutting Length	Overall Length	Price
<b>307060</b>	WDF7S	1.62"	7"	<b>WEB</b>
<b>307061</b>	WDF10S	2"	10"	<b>WEB</b>
<b>307062</b>	WDF12S	2.75"	12"	<b>WEB</b>



### ProTouch™ Offset Snips

**Irwin** Durable hot drop-forged steel blades, precision-ground for strength. Ergonomic ProTouch™ grips provide control, reduced fatigue. Serrated blades assure smoother cuts without double marked edges. Long-life spring. I-hand safety latch is accessible from grips. Cuts 18 ga. in cold-rolled steel, 23 ga. in stainless steel.

Stk.	Mfr.	Cutting Length	Overall Length	Type	Price
<b>619501</b>	2073211	1-5/16"	9-1/2"	Left	<b>WEB</b>
<b>619502</b>	2073212	1-5/16"	9-1/2"	Right	<b>WEB</b>

## RIVET TOOLS



### Rivet Setters

**C.S. Osborne** Use with a hammer or hand riveter. These rivet sets mushroom rivet head

to set the rivet. Sets are hardened with polished riveting head surfaces and work iron and copper rivets.

Stk.	Mfr.	Dia.	Copper Rivet	Iron Rivet	Price
<b>614300</b>	169-00	5/16"	N/A	14	<b>WEB</b>
<b>614301</b>	169-0	9/32"	5	10, 12	<b>WEB</b>
<b>614302</b>	169-1	15/64"	6	7, 8	<b>WEB</b>
<b>614303</b>	169-2	.213"	7	6	<b>WEB</b>
<b>614304</b>	169-3	.191"	8	4, 5	<b>WEB</b>
<b>614305</b>	169-4	.166"	9	2-1/2, 3	<b>WEB</b>
<b>614306</b>	169-5	.149"	10, 11	1-3/4, 2	<b>WEB</b>
<b>614307</b>	169-6	9/64"	12	1-1/2	<b>WEB</b>
<b>614308</b>	169-7	1/8"	13	1-1/4	<b>WEB</b>
<b>614309</b>	169-8	7/64"	14	10, 12	<b>WEB</b>



### MP-3V Air/Hydraulic Riveter

**Marson** Professional-series air/hydraulic riveter is designed to be light weight and well-balanced. Engineered to maximize stroke and pull force with a 3-jaw set. Direct connect or use the attached swivel for added convenience. Supplied with nose-pieces to set rivets in all alloys and a removable swivel air connection line with an air off/on valve built in. Adjustable vacuum system control allows

operator to control the force of air needed to hold the rivet in place. Can also operate with the vacuum system turned off.

Stroke: 3/4". Pulling Force: 1,800 lbs. Capacity: 3/32" - 3/16".

**Includes** nosepieces, adjustment service wrenches, hydraulic fluid, fluid applicator, spare jaws & removable swivel air connection line with air on/off valve built in.

Stk.	Mfr.	Operating Pressure	Weight	Price
<b>868417</b>	39045	70-95 psi	2.9 lbs.	<b>WEB</b>



### HP-2® Riveter

**Marson** Die-cast high-strength aluminum alloy body has carbon steel upper handle and cushioned vinyl grip.

Sets steel rivets up to 3/16" dia.

**Includes** 4 mounted nosepieces (3/32", 1/8", 5/32", 3/16") & service wrench.

Stk.	Mfr.	Price
<b>868400</b>	39000	<b>WEB</b>

**HP-2® Rivetool Kit Includes** HP-2 Rivetool, 200 assorted rivets & molded case.

Stk.	Mfr.	Price
<b>868401</b>	39001	<b>WEB</b>



### Medium Duty 10" Slim-nose Riveter

**Stanley Fastening** Spring-loaded handle ejects rivet stem automatically. Slim-nose right-angle design fits in difficult-to-reach places. Long handle makes riveter easy to squeeze.

Sets 1/8", 3/32", 5/32" & 3/16" diameter steel & aluminum rivets.

Stk.	Mfr.	Price
<b>597349</b>	MR33C	<b>WEB</b>



### VHR-IX

**Marson** The perfect medium-duty tool that sets both steel and aluminum rivets.

Sets steel rivets 3/32" to 5/32" dia. Sets aluminum rivets 3/16" dia.

**Includes** assortment of rivets & washers in pouch.

Stk.	Mfr.	Price
<b>868387</b>	79002	<b>WEB</b>



### Rivet Assortment

**Performance Tool** Aluminum rivet assortment in molded case.

**Includes** 120 ea. (1/8" x 1/4", 1/8" x 5/16", 1/8" x 3/8", 3/16" x 5/16", 3/16" x 3/8").

Stk.	Mfr.	Qty.	Price
<b>976568</b>	W5228	500	<b>WEB</b>

### Round Back-Up Washers

**Marson** Washers are .056" - .062" thick. They are used when fastening soft materials or to compensate for oversized holes where access to both sides of the work is possible.

#### Aluminum

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>868322</b>	86657	1/8"	100	<b>WEB</b>
<b>868323</b>	40657	1/8"	500	<b>WEB</b>
<b>868324</b>	86660	3/16"	100	<b>WEB</b>
<b>868325</b>	40660	3/16"	500	<b>WEB</b>

#### Steel

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>868370</b>	86658	1/8"	100	<b>WEB</b>
<b>868371</b>	40658	1/8"	500	<b>WEB</b>

## Standard Blind Buttonhead Rivets

**Marson** Rivet and Mandrel. For rivet tool kits & hand riveters. Low profile head diameter is twice the rivet body diameter providing adequate bearing surface for nearly all applications. Aluminum rivets are IFI grade 11, Steel Rivets are IFI grade 30.

### Aluminum IFI grade 11

Stk.	Mfr.	Grip Range	Dia.	Qty.	Price
<b>868328</b>	40200	1/32" - 1/8"	3/32"	500	<b>WEB</b>
<b>868329</b>	40202	1/8" - 1/4"	3/32"	500	<b>WEB</b>
<b>868330</b>	86212	1/16" - 1/8"	1/8"	100	<b>WEB</b>
<b>868331</b>	40212	1/16" - 1/8"	1/8"	500	<b>WEB</b>
<b>868332</b>	86217	3/16" - 1/4"	1/8"	100	<b>WEB</b>
<b>868333</b>	40217	3/16" - 1/4"	1/8"	500	<b>WEB</b>
<b>868334</b>	86221	5/16" - 3/8"	1/8"	100	<b>WEB</b>
<b>868335</b>	40221	5/16" - 3/8"	1/8"	500	<b>WEB</b>
<b>868336</b>	86222	3/8" - 1/2"	1/8"	100	<b>WEB</b>
<b>868337</b>	40222	3/8" - 1/2"	1/8"	500	<b>WEB</b>
<b>868338</b>	86245	1/16" - 1/8"	3/16"	50	<b>WEB</b>
<b>868377</b>	40245	1/16" - 1/8"	3/16"	500	<b>WEB</b>
<b>868340</b>	86247	1/8" - 1/4"	3/16"	50	<b>WEB</b>
<b>868378</b>	40247	1/8" - 1/4"	3/16"	500	<b>WEB</b>
<b>868342</b>	86249	1/4" - 3/8"	3/16"	50	<b>WEB</b>
<b>868379</b>	40249	1/4" - 3/8"	3/16"	500	<b>WEB</b>
<b>868344</b>	86252	3/8" - 1/2"	3/16"	50	<b>WEB</b>
<b>868380</b>	40252	3/8" - 1/2"	3/16"	500	<b>WEB</b>
<b>868347</b>	42281	1/8" - 1/4"	1/4"	100	<b>WEB</b>
<b>868348</b>	42285	3/8" - 1/2"	1/4"	100	<b>WEB</b>

### Steel IFI grade 30

Stk.	Mfr.	Grip Range	Dia.	Qty.	Price
<b>868351</b>	86112	1/16" - 1/8"	1/8"	100	<b>WEB</b>
<b>868352</b>	40112	1/16" - 1/8"	1/8"	500	<b>WEB</b>
<b>868353</b>	86117	3/16" - 1/4"	1/8"	100	<b>WEB</b>
<b>868354</b>	40117	3/16" - 1/4"	1/8"	500	<b>WEB</b>

## MEASURING & LAYOUT



### ProSite® Steel Protractor

**Starrett** Replaces the error prone calculation process for perfect miter cuts. The easy-to-use tool has 2 scales. 1 shows the miter joint angle, the second provides the angle to fit a single workpiece to an angle. To use, measure the angle, set the saw to the angle that the arrow points to on the scale, then cut the pieces.

Stk.	Mfr.	Length	Price
<b>875300</b>	505A-12	12"	<b>WEB</b>



### Steel Protractor C183

**Starrett** Preferred by draftsmen, machinists and mechanics for setting bevels and transferring angles. Rectangular head has 4 working edges.

Double graduations from 0 to 180° in opposite directions permit reading an angle directly and reading supplementary angles. 6" blade can be locked at any angle. Satin chrome finish.

Stk.	Mfr.	Price
<b>874260</b>	C183	<b>WEB</b>



### Steel Protractor

**General** Used by machinists, draftsmen and mechanics for setting bevels, measuring and transferring angles. 3-3/8" x 2" rectangular head.

Permanently etched graduations from 0-180° in opposite directions. 6" adjustable protractor arm locks into desired position with knurled thumb nut. Ground stainless steel for optimum accuracy.

Stk.	Mfr.	Price
<b>417204</b>	17	<b>WEB</b>



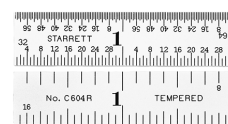
### Digital Precision Protractor

**General** Takes guesswork out of measuring, marking, reading and transferring angles. Easy-read display may be inverted.

- Accuracy: 0.1°
- Resolution: 0.05°
- Range: 0° to 180°
- Hold function

**Includes** 3V battery.

Stk.	Mfr.	Length	Price
<b>419891</b>	1702	6"	<b>WEB</b>



### Spring Tempered Steel Rule

**Starrett** Satin chrome finish. 8ths, 16ths and quick-reading 32nds, 64ths.

Stk.	Mfr.	Length	Width	Price
<b>875327</b>	C604R-6	6"	3/4"	<b>WEB</b>
<b>875329</b>	C604R-12	1'	1"	<b>WEB</b>



### Ultratest Rigid Steel Rule

**General** Stainless steel rigid rule with satin chrome finish. Ultra fine black graduations.

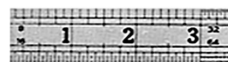
Stk.	Mfr.	Length	Width	Graduations	Price
<b>419886</b>	CF1264	12"	1"	8ths, 16ths, 32nds, 64ths	<b>WEB</b>



### English Pattern Steel Rules

**Starrett** General utility rule has easy-to-read markings that are heavier than conventional machine-divided rules. Graduated on both edges, both sides. Hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>874630</b>	414-1	1'	1-1/4"	8ths, 16ths	<b>WEB</b>
<b>874632</b>	414-2	2'	1-1/4"	8ths, 16ths	<b>WEB</b>



### Rounded-End Steel Rule

**General** Precision-made stainless steel rule with fine, black etched graduations. Flexible rule has rounded end with hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>419881</b>	1201ME	1'	7/8"	8ths, 16ths, 32nds, 64ths, 1.0mm, .5mm	<b>WEB</b>



### No. 62 & 60 Steel Rules

**Lufkin** Marked on both sides. Hang hole.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>308876</b>	6012INN	1'	3/4"	8ths, 16ths	<b>WEB</b>
<b>309144</b>	621FTN	1'	1-1/4"	8ths, 16ths	<b>WEB</b>
<b>309211</b>	622FTN	2'	1-1/4"	8ths, 16ths	<b>WEB</b>
<b>309278</b>	623FTN	3'	1-1/4"	8ths, 16ths	<b>WEB</b>



### Ultratest Steel Rule

**General** Ultra fine black graduations against a hard satin chrome finish for easy reading and long life. Plastic case.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>419893</b>	CF1845	18"	3/4"	32nds, 64ths, 10ths, 100ths	<b>WEB</b>



### 6" Rigid Steel Rule

**General** Stainless steel rule etched with fine black graduations.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>419144</b>	676	6"	3/4"	8ths, 16ths, 32nds, 64ths	<b>WEB</b>



### Inch/Decimal Steel Rule

**General** Flexible rule with depth gauge pocket clip.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>418005</b>	300/1	6"	15/32"	32nds, 64ths, decimals	<b>WEB</b>



### Full Flexible Steel Rule

**Starrett** Full-flexible steel rule with inch graduation features a satin chrome finish. Graduations at quick-reading 10ths, aircraft quick-reading 50ths, 32nds and 64ths.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>875338</b>	C305R-6	6"	1/2"	10ths, 50ths, 32nds, 64ths	<b>WEB</b>
<b>875339</b>	C305R-12	12"	1/2"	10ths, 50ths, 32nds, 64ths	<b>WEB</b>



### Flexible Steel Circumference Rule

**Lufkin** Liquid or dry measure dimension table on reverse side for layout work. Can also be used as a bench rule.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>309814</b>	953FTN	3'	1-1/4"	16ths, circumferences	<b>WEB</b>



### Flexible Aluminum Rule

**Lufkin** Sharply defined, easy-to-read markings with straight parallel edges for greater accuracy. Marked one side only. Lightweight and rustproof w/tarnish-free finish. Lies flat, has hang-up hole for storage.

Stk.	Mfr.	Length	Width	Graduations	Price
<b>312050</b>	T1260N	3'	1-1/4"	16ths	<b>WEB</b>



### Aluminum Rules

**Johnson Level** Extruded aluminum with clear anodized finish and screened thermal bonded black graduations.

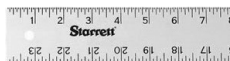
Stk.	Mfr.	Length	Width	Graduations	Price
<b>487015</b>	J112	1'	1-1/8"	8ths & 16ths	<b>WEB</b>
<b>487018</b>	J118	1-1/2'	1-1/8"	8ths & 16ths	<b>WEB</b>
<b>487016</b>	J124	2'	1-1/8"	8ths & 16ths	<b>WEB</b>
<b>487017</b>	J236	3'	1-1/8"	8ths & 16ths	<b>WEB</b>



### Inch/Metric Meter Stick

**Lufkin** Aluminum English/metric meter stick. Front side has measurements, other side shows table of equivalents and conversions.

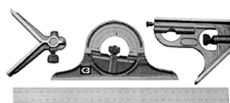
Stk.	Mfr.	Length	Width	Graduations	Price
<b>312051</b>	I261ME	1 Meter (3.3')	1"	16ths, dm, cm, mm	<b>WEB</b>



### Aluminum Meter Stick

**Starrett** Parallel, accurate, flexible rule made of anodized aluminum.

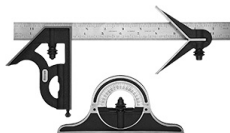
Stk.	Mfr.	Length	Width	Graduations	Price
<b>872985</b>	MS-2	1 Meter (3.3')	1-1/8"	1/8th, mm	<b>WEB</b>



### Combination Square Set w/Case

**Chicago Brand** This set has a square, protractor, center gauge, rule and scriber. Includes level in both square and protractor heads. Protractor marking to 1/4°. Wooden storage case.

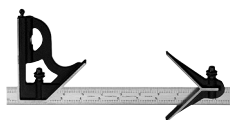
Stk.	Mfr.	Blade	Graduations	Price
<b>302640</b>	50213	12"L	8th, 16th, 32nd, 64th	<b>WEB</b>



### Combination Square Set

**Starrett** This set has a non-reversible protractor head and patented reversible lock bolts. Includes spirit level in both square and protractor heads, direct reading double 180° protractor scale, tempered steel machine-divided blade.

Stk.	Mfr.	Blade	Graduations	Price
<b>873067</b>	9-12-4R	12"L	8th, 16th, 32nd, 64th	<b>WEB</b>



### Machinist's Combination Squares

**Starrett** Features reversible lock bolt, scriber, spirit level, and hardened steel, photo-engraved blade with satin finish. Cast iron head with black wrinkle finish.

Stk.	Mfr.	Blade	Graduations	Price
<b>873268</b>	11HC-6-4R	6"L	8th, 16th, 32nd, 64th	<b>WEB</b>
<b>873335</b>	11HC-12-4R	12"L	8th, 16th, 32nd, 64th	<b>WEB</b>



### Yellow Combination Square

**Stanley** Grooved 12" removable blade. Spring wire and clamping lug in handle keeps blade in place. Cast iron handle has level glass and scratch awl.

Stk.	Mfr.	Blade	Handle	Graduations	Price
<b>854601</b>	46-123	12"	4-1/4"	8ths, 16ths, 32nds	<b>WEB</b>



### Combination Squares

**Stanley** Blade is coated to resist rust. Measure, square and level with this square complete with grooved blade, scratch awl and hand-regulated level vial.

Stk.	Mfr.	Blade	Handle	Graduations	Price
<b>854668</b>	46-222	12"	4-1/8"	8ths, 16ths, 32nds	<b>WEB</b>
<b>854471</b>	46-028	12"	4-1/8"	8ths, 16ths, 32nds, metric	<b>WEB</b>



### Contractor Metal Combination Square

**Johnson Level** Cast zinc head has computer machined gauging edges for greater accuracy. Square also features an acrylic yellow barrel vial

and a hardened removable scriber. Steel blade has permanently stamped graduations with rust protective coating.

Stk.	Mfr.	Blade	Handle	Graduations	Price
<b>486960</b>	400	12"	4-1/8"	8ths, 16ths, 32nds	<b>WEB</b>





### Plastic Handle Try / Miter Square

**Stanley** Aluminum blade with lightweight plastic handle. Measures 45° and 90° angles.

Stk.	Mfr.	Blade	Graduations	Price
<b>854730</b>	46-502	8"	16ths, metric	<b>WEB</b>



### Double Square

**Starrett** The sliding blade is adjustable. The faces of the head are ground square.

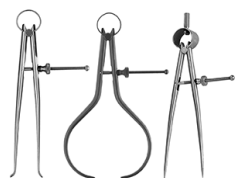
Stk.	Mfr.	Graduations	Price
<b>873360</b>	13A	8ths, 16ths, 32nds & 64ths	<b>WEB</b>



### Trammel Points

**General** Accurately measures or marks distances greater than the range covered by ordinary dividers. Great for lofting layouts, template marking, etc. The 6" off-center points can be made with pencils, ballpoint pens, crayons or soapstone sticks. Clamp opening will take a beam 3/4" to 1-3/8" and any width or length.

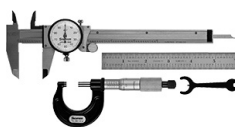
Stk.	Mfr.	Price
<b>418809</b>	523	<b>WEB</b>



### Toolmaker's Calipers & Dividers

**Starrett** Fine adjustment and better balance provide a more sensitive feel. Legs are made from round stock. Fulcrum stud is hardened. Bearing surfaces of the legs are sufficiently large to prevent any side deflection.

Stk.	Mfr.	Size	Price
<b>874420</b>	274-6	Inside, 6"	<b>WEB</b>
<b>874430</b>	275-6	Outside, 6"	<b>WEB</b>
<b>874440</b>	277-6	Divider, 6"	<b>WEB</b>



### Basic Precision Measuring Tool Set

**Starrett** 3 rugged, easy-to-use precision-produced tools for mechanics and toolmakers.

**Includes** 1" outside micrometer with carbide face, 6" dial caliper, 6" spring tempered precision rule and case.

Stk.	Mfr.	Price
<b>875430</b>	S909Z	<b>WEB</b>



### Machinist's 3-in-1 Set

**Chicago Brand** Three of the most useful measuring and marking tools for mechanics and machinists.

**Includes** 6" dial caliper, 0-1" outside micrometer & 6" flexible rule.

Stk.	Mfr.	Price
<b>302520</b>	50020	<b>WEB</b>



### 6" Dial Calipers

**General** High-strength reinforced plastic units have inside, outside, depth and step measuring capabilities. Free-wheeling friction thumb roller for repetitive, accurate reading. Dial adjustable to 0. Fractional conversion table on back.

for repetitive, accurate reading. Dial adjustable to 0. Fractional conversion table on back.

### Direct-reading Inch Dial Caliper Color-coded graduations.

Stk.	Mfr.	Graduations	Price
<b>417920</b>	142	.01 & 64ths w/inch & mm on bar scale	<b>WEB</b>

### 1000ths-reading Dial Single Revol. Caliper Outside jaw 1-1/2"L, inside jaw 5/8"L.

Stk.	Mfr.	Graduations	Price
<b>417925</b>	145	.001", 10ths/mm	<b>WEB</b>



### 6" Dial Caliper

**Chicago Brand** Fast, easy and accurate measurement of outside, inside, step and depth dimensions to within .001". Hardened stainless steel measurement surfaces, screw-mounted rack gears, jaw lock and shock-resistant indicators assure long life.

**Includes** fitted case.

Stk.	Mfr.	Graduations	Price
<b>302505</b>	50004	.001"	<b>WEB</b>

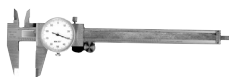


### 8" Premium Dial Caliper

**Chicago Brand** Stainless dial caliper offers fast measurement of outside, inside, step and depth

to within 0.001". Easy glide action for smooth movement, hardened measurement surfaces, range 0-8".

Stk.	Mfr.	Graduations	Price
<b>302506</b>	50005	.001"	<b>WEB</b>



### 6" Dial Caliper 107

**General** Stainless steel construction with inside and outside measurements. Dial meets/exceeds federal specifications for accuracy. Satin chrome scale with clearly etched 10ths of inch graduations. Covered, protected rack for precision accuracy. Depth stop rod and adjustable bezel for zero setting.

Stk.	Mfr.	Graduations	Price
<b>417738</b>	107	.001"	<b>WEB</b>



### 6" Dial Caliper 120A-6

**Starrett** Made of hardened stainless steel, with sharp black bar graduations on a no-glare satin background. Knife edge contracts for inside and outside measurements. Enables 1-hand use with thumb-operated fine adjusting roll. Features positive, split gear anti-backlash control.

**Includes** case.

Stk.	Mfr.	Graduations	Price
<b>874190</b>	120A-6	.001"	<b>WEB</b>



### 5" English and Metric Vernier Calipers

**General** The #722 Vernier Caliper can make inside, outside, depth and step measurements in inches or millimeters.

Measurement range 0 to 5 in./125mm.

Stk.	Mfr.	Graduations	Price
<b>419212</b>	722	16th & mm, 1/128" & .1mm	<b>WEB</b>



### 6" English and Metric Vernier Calipers

**Chicago Brand** Dual Scale Vernier Caliper measures outside, inside, step and depth dimensions. Hardened measurement surfaces and stainless steel construction. Lockable jaws.

Measurement Range 6" to .001" and 150mm to .02mm.

**Includes** storage case.

Stk.	Mfr.	Graduations	Price
<b>302511</b>	50011	.001" & .02mm	<b>WEB</b>



### 4" Carbon Fiber Digital Caliper

**Performance Tool** Lightweight and durable carbon fiber construction, easy-to-read LCD display, SAE to metric conversion and zero setting at any position within measuring range. SAE 0" to 4" and 0mm to 100mm metric range.

**Includes** LR44 battery.

Stk.	Mfr.	Graduations	Price
<b>976660</b>	W80157	0.01" & 0.1mm	<b>WEB</b>



### 6" Digital Caliper 1889-0600

**Johnson Level** Easy-to-use, highly accurate tool for measuring between 2 opposite sides of a tool or part. Large, easy-to-read LCD displays measurements in millimeters, inch-decimal and inch fractions with an accuracy of 0.001". Set any position as your zero point at the touch of a button.

Working range 0 to 6" and 0 to 150mm.

**Includes** battery and molded case.

Stk.	Mfr.	Graduations	Price
<b>487653</b>	1889-0600	.001"	<b>WEB</b>



### 6" Digital Caliper

**Chicago Brand** Digital caliper offers instant and accurate readings of inside, outside, step and depth measurements with accuracy of 0.001". Extra large LCD, inch and metric markings, easy glide action, hardened measurement surface.

**Includes** case and battery.

Stk.	Mfr.	Graduations	Price
<b>302500</b>	50001S	.001"	<b>WEB</b>



### 6" IP67 Electronic Slide Caliper

**Starrett** Features a large, easy-to-read, high contrast LCD. IP67 protection against cool-

ants, water, dust and dirt. Hardened stainless steel measuring surfaces with heavy-duty bar and slide. Zero at any position, auto-off after 30 minutes. R-232 output. Works well with Starrett DataSure Wireless Data Collection Systems.

Measuring range 0-150mm (0-6").

Resolution 0.01mm (.0005"), 0-150mm (0-6"), with output.

**Includes** battery and molded case.

Stk.	Mfr.	Graduations	Price
<b>875340</b>	798B-6/150	.0005"	<b>WEB</b>



### 2-1/4" Dial Indicator

**Chicago Brand** Rugged 2-1/4" indicator with 100 divisions per revolution with a counter. Features curved glare-resistant face, adjustable zero with lock, hardened tip, limits indicator, stainless stem, 1/4" lug back and 3/8" stem mountable.

**Includes** metal case.

Stk.	Mfr.	Graduations	Range	Dial Reading	Price
<b>302610</b>	50150	.001"	0"-1"	100	<b>WEB</b>



### Mighty Mag with 1" Travel Indicator

**Flexbar** Precision dial indicator features unique combination of central lug and magnetic back plate. Enclosed case protects movement from dust and oil. 3/8" stainless steel hardened stem. Powerful and accurate 50 lb. pull Mighty Mag features zinc die-cast housing with painted finish,

5 locations for mounting accessories, 3 positions 1/4-20 for lug mounts, 10-32 tapped hole, 3/8" reamed hole and utility hole with clamping screw.

Stk.	Mfr.	Graduations	Range	Dial Reading	Price
<b>408490</b>	12026	.001"	1"	100	<b>WEB</b>



### Dial Indicator Kit

**Chicago Brand** Long range indicator with revolution counter and adjustable zero. Compact magnetic base with 22 lb. holding force.

**Includes** rods, clamps and molded case.

Stk.	Mfr.	Graduations	Range	Price
<b>302680</b>	56410	.001"	0"-1"	<b>WEB</b>



### Universal Back Plunger Dial Indicator

**Starrett** Simple, reliable, easy-to-read unit is a very sensitive instrument. May be adjusted to any angle - the slightest pressure on the contact point will produce a movement of the hand on the dial. 3 hardened contacts are furnished for different classes of work.

**Includes** case and clamp, tool post holder and snug (sleeve) complete.

Stk.	Mfr.	Price
<b>874273</b>	196A1Z	<b>WEB</b>



### Dial Indicator & Adapter Only

**Starrett** Simple, reliable, easy-to-read unit is a very sensitive instrument. May be adjusted to any angle. 1/4" shank diameter.

**Includes** indicator with 3 hardened contact points and adapter.

Stk.	Mfr.	Graduations	Range	Dial Reading	Price
<b>874278</b>	196B1	.001"	.200"	100	<b>WEB</b>



### Magnetic Base Indicator Holder Set

**Starrett** Secure test indicators with a powerful, permanent magnetic base. Holds firmly to steel or iron surfaces - horizontally, vertically or upside-down.

Stk.	Mfr.	Price
<b>875333</b>	657AA	<b>WEB</b>



### Magnetic Base Indicator Holder

**Chicago Brand** Full-size magnetic base features 130 lbs. of holding force, on/off flip switch with bottom machined to mount on a flat or cylindrical surface. Fine adjustment, 14" reach, plus 5/32", 1/4" and 5/16" stems.

Stk.	Mfr.	Price
<b>302636</b>	50208	<b>WEB</b>

### Pin Vise



**General** Nickel-plated swivel head pin vise for holding drills, taps, wire. 0-1/8" capacity.

**Includes** 2 double end collets.

Stk.	Mfr.	Dia.	Length	Price
<b>417670</b>	92	5/16"	3-11/16"	<b>WEB</b>

### Telescoping Gauge



**Starrett** Automatic self-centering handle. Plungers telescope within each other providing a positive seat in all positions. Constant spring tension gives uniform contact pressure. Plungers are easily locked at any desired setting. Contact ends are hardened and ground to a radius to provide proper clearance.

**3-Piece Set Includes** 3 sizes #s 299A, B, C (1/2" to 2-1/8") and case.

Stk.	Mfr.	Price
<b>874305</b>	S229FZ	<b>WEB</b>

**4-Piece Set Includes** 4 sizes #s 579A, B, C, D (5/16" to 2-1/8") and case.

Stk.	Mfr.	Price
<b>875326</b>	S579GZ	<b>WEB</b>

### 6-Piece Telescoping Gauges Set



**Chicago Brand** Gauges are equipped with a plunger that can be locked in the measuring position by a knurled screw or locking nut in the end of the handle. Maximum measuring capacity is 6". Made of hardened steel.

**Includes** 6 gauges (5/16" to 6").

Stk.	Mfr.	Price
<b>302642</b>	50215	<b>WEB</b>

### Depth Gauge



**Starrett** Gauge quickly obtains measurements of a blind hole (32nds and 64ths, 1/2 mm) by adjusting rule to required depth. Finished, hardened steel head and precision, machine-divided, tempered steel rule (6"L x 3/16"W). Gauge adjusts smoothly then locks into position. Base is cut out on one side for easier readings and accurate measurements. Fixed 90° angle depth gauge with 2-1/2" precision-ground work base.

Stk.	Mfr.	Price
<b>874340</b>	237	<b>WEB</b>

### Micrometer Depth Gauge



**Starrett** Measures depth of slots, shoulders and projections to .001". Range is 0 to 3" with 3 rods. Sleeve and thimble have a no-glare satin chrome finish. Graduations are quick-reading with every 1,000th numbered. The precision-ground screw has a 1" movement. A locknut holds the setting at measurement desired. Supplied with case.

Stk.	Mfr.	Item	Price
<b>875290</b>	440Z-3RL	2-1/2"L x 1/8" dia.	<b>WEB</b>

### Small Hole Gauge Set



**Starrett** For accurately measuring small holes, slots, grooves and recesses. Hardened contact surfaces have split ball, which is adjusted to size by knurled knot at end of gauge. Final size in 1,000ths of an inch is obtained by measuring over ball contacts with a micrometer.

**Includes** 4 sizes (.125" to .500") and case.

Stk.	Mfr.	Price
<b>875390</b>	S829EZ	<b>WEB</b>

### ANGLE-IZER® Contour Gauge



**General** Ideal for any job or hobby where contour duplication is essential. Body is painted enamel and brass-plated. Stainless steel pins with overall travel of 5-1/4". Inch graduations.

Stk.	Mfr.	Size	Price
<b>419615</b>	837	6" x 3-1/2"	<b>WEB</b>

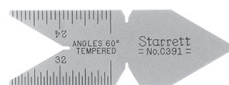
### Center Gauge



**Chicago Brand** Scaled in 14ths, 20ths, 24ths and 32nds of an inch.

Stk.	Mfr.	Price
<b>302650</b>	50233	<b>WEB</b>

### Center Gauge C391



**Starrett** Spring-tempered steel. Satin chrome finish. All gauging surfaces are ground. U.S. Standard 60°.

Stk.	Mfr.	Price
<b>874608</b>	C391	<b>WEB</b>

### Radius Gauge Set



**Starrett** Set features 5 different gauge surfaces on each gauge for both convex and concave radii. Precision finished radii with extra smooth accurate edges.

1/64" to 1/2" radius.

**Includes** 25 gauges and case.

Stk.	Mfr.	Price
<b>874256</b>	S167CHZ	<b>WEB</b>

### Tap & Drill Gauge



**Starrett** See at a glance the correct size tap drill for any common size machine screw tap in "NF" or "NC" thread series and will leave the right amount of stock for approximately 65% full thread. Also shows the correct body size drill to use and provides 60 holes marked with the number size and decimal equivalent of the drill that fits each hole. Thoroughly tested for accuracy after hardening. Satin finish.

Tap size: 2 - 56 to 1/4 - 28. Drill gauge numbers 1 to 60.

Range: tap drill 50 to 3, body drill 44 to 1/4.

Tool size 5/64"T x 2-5/16"W x 6-1/4"L.

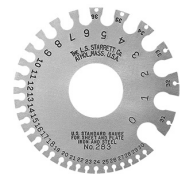
Stk.	Mfr.	Price
<b>874265</b>	185	<b>WEB</b>



### Screw Pitch Gauge

**Starrett** Pitch gauge includes a substantial steel case, a number of folding leaves at both ends and 30 leaves. This model features a 4-42 TPI range.

Stk.	Mfr.	Price
<b>873000</b>	6	<b>WEB</b>



### US Standard Sheet Metal Gauge

**Starrett** For uncoated sheet, plate iron and steel, and is based on weights in ounces per square foot. Steel gauge with satin finish and decimal equivalents on the reverse side.

Stk.	Mfr.	Range	Price
<b>874541</b>	283	0 - 36 / .3125" - .007"	<b>WEB</b>



### Sheet Metal Gauge

**General** Ideal for gauging uncoated sheet metal, plate iron and steel. Made of satin finished, heavy-gage hardened and tempered steel. Decimal equivalents of sizes are stamped on back.

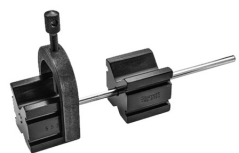
Stk.	Mfr.	Range	Price
<b>417335</b>	21	0 - 36	<b>WEB</b>



### American Standard Wire Gauge

**General**

Stk.	Mfr.	Range	Price
<b>417268</b>	20	0 - 36	<b>WEB</b>



### V-Blocks and Clamp

**Starrett** For shop use and holding stock in place during light-duty milling, drilling and grinding. For use singly or in pairs. All clamp screws have a hole to help secure the workpiece.

Case-hardened steel. 2 grooves on each side of the blocks hold the clamp for small or large work. Capacity 1-1/4".

**Includes** 2 V-block and clamp.

Stk.	Mfr.	Price
<b>874407</b>	271 C	<b>WEB</b>



### Wiggler & Center Finder

**Starrett** This tool adapts to many applications with 4 different attachments that are readily interchangeable in wiggler shank. Attachments are snapped into chuck without removing collet nut and are clamped by ball swivel joint which adjusts to angular position or true concentricity.

**Includes** center finder, shank w/point, ball contact, disc contact, offset indicator holder & case.

Stk.	Mfr.	Price
<b>875384</b>	S828HZ	<b>WEB</b>



### Edge Finder

**Starrett** Can be used with flat straight edges, shoulders, grooves, round work, studs, dowels or center points and scribed lines. Body and contacts are made of tool steel, hardened, ground and lapped to close tolerances for diameter and concentricity.

Stk.	Mfr.	Item	Contact Dia.	Body Dia.	Price
<b>875379</b>	827A	Single end	.200"	.375"	<b>WEB</b>
<b>875380</b>	827B	Double end	.200"	.500"	<b>WEB</b>



### 3-Piece Scriber Set

**Starrett** Scriber points screw into the nickel-plated knurled handle and fit either end.

**Includes** 3 points: straight, short bent (9"L) & long bent (12"L).

Stk.	Mfr.	Price
<b>873603</b>	67A	<b>WEB</b>



### Tungsten Carbide Point Scriber

**General** Tungsten carbide tip marks stainless steel, copper, ceramics, glass. Screw chuck for reversing tip when not in use.

Stk.	Mfr.	Length	Price
<b>417660</b>	88	6"	<b>WEB</b>
<b>417662</b>	88CM	6" w/Magnet	<b>WEB</b>



### Pocket Scriber

**Starrett** Steel tubing handle, knurled and nickel-plated. The scriber point is held firmly on the handle by a knurled chuck and locked inside handle when not in use.

#### Steel

Stk.	Mfr.	Point	Stock	Price
<b>873670</b>	70A	2-3/8"L	1/4" dia.	<b>WEB</b>
<b>873680</b>	70B	2-7/8"L	3/8" dia.	<b>WEB</b>

#### Carbide

Stk.	Mfr.	Point	Stock	Price
<b>873676</b>	70AX	2-3/8"L	1/4" dia.	<b>WEB</b>
<b>873688</b>	70BX	2-7/8"L	3/8" dia.	<b>WEB</b>



### Educational Wall Charts

**Starrett** 15 white print educational charts (18-5/8" x 14-5/8") help learners recognize basic tools, their principal parts and uses.

Stk.	Mfr.	Item	Price
<b>875592</b>	1702	15-Piece	<b>WEB</b>



### I24 Series Inside Micrometer

**Starrett** Features satin chrome finish, measures 2" - 8" in length, with 6 measuring rods, 1/2" gauge and case.

Stk.	Mfr.	Range	Graduations	Price
<b>874206</b>	I24AZ	2"-8"	.001"	<b>WEB</b>





### Outside Micrometer Set

**Chicago Brand** Rugged enameled frames offer smooth action, thimble ratchet and crisp markings for consistent measurements. Carbide tips provide long lasting accuracy.

**Includes** calibration wrench, gauge blocks & case.

Stk.	Mfr.	Range	Graduations	Price
<b>302552</b>	50066	0-3"	.0001"	<b>WEB</b>
<b>302557</b>	50070	0-6"	.0001"	<b>WEB</b>



### Student Micrometer

**General** Satin finish frame has ratchet stop/friction thimble for consistent measurements. Machine-cut graduations. 0" to 1" range. Hex wrench included for zero adjustments.

Stk.	Mfr.	Range	Graduations	Price
<b>417730</b>	102	0-1"	.001"	<b>WEB</b>



### Digital Micrometer

**Chicago Brand** Reads to 1,000th of an inch without having to read a vernier scale. For more accuracy, a vernier scale is provided for measurements to .001". Thimble ratchet/lock. Carbide tips. Smooth movement. Spanner wrench included for calibration.

Stk.	Mfr.	Range	Graduations	Price
<b>302540</b>	50054	0-1"	.0001"	<b>WEB</b>
<b>302541</b>	50055	1-2"	.0001"	<b>WEB</b>
<b>302542</b>	50056	2-3"	.0001"	<b>WEB</b>



### Outside Micrometer

**Chicago Brand** Enameled frame, smooth action, and thimble ratchet for precision measurements. Machine-cut graduations. Calibration wrench included for all sizes.

Stk.	Mfr.	Range	Graduations	Price
<b>302549</b>	50063	0-1"	.0001"	<b>WEB</b>
<b>302550</b>	50064	1-2"	.0001"	<b>WEB</b>
<b>302551</b>	50065	2-3"	.0001"	<b>WEB</b>



### Electronic Micrometer

**Starrett** Electronic micrometer provides IP67 protection against coolant, water, dirt, dust and other contaminants. Large, easy-to-read, high-contrast LCD. No-glare satin chrome finish on thimble and sleeve, black wrinkle finish on frame. Micro-lapped carbide measuring faces. Ring-type knurled lock nut. 0-1" range.

Stk.	Mfr.	Range	Price
<b>875357</b>	796.1XFL-1	0-1"	<b>WEB</b>



### 436.1 Series Outside Micrometer

**Starrett** Strength, rigidity and fine precision. Features knurled lock nut, carbide face with no-glare, satin chrome finish. Tapered frame for use in narrow slots and tight places.

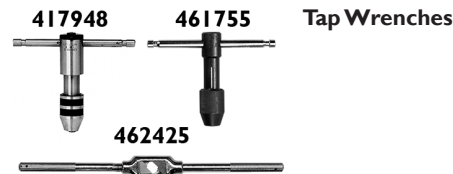
### Ratchet Thimble

Stk.	Mfr.	Range	Graduations	Price
<b>874870</b>	436.1XRL-1	0-1"	.001"	<b>WEB</b>
<b>874871</b>	436.1XRL-2	1-2"	.001"	<b>WEB</b>

### Friction Thimble

Stk.	Mfr.	Range	Graduations	Price
<b>875279</b>	T436.1XFL-1	0-1"	.0001"	<b>WEB</b>

## TAPS & DIES



### T-Handle Ratcheting

Stk.	Mfr.	Capacity	Length	Price
<b>417948</b>	161R	#0-1/4"	3-1/2"	<b>WEB</b>
<b>417952</b>	162R	#12-1/2"	4-1/4"	<b>WEB</b>

### T-Handle Non-ratcheting

Stk.	Mfr.	Capacity	Length	Price
<b>461755</b>	12401	#0-1/4"		<b>WEB</b>
<b>462224</b>	12415	#12-5/16"		<b>WEB</b>
<b>461822</b>	12402ZR	1/4"-1/2"		<b>WEB</b>

### Adjustable

Stk.	Mfr.	Capacity	Length	Price
<b>462425</b>	12088	#0-1/2"		<b>WEB</b>
<b>462157</b>	12498	1/4"-1"		<b>WEB</b>



### Plain Die Stock Handle

**Hanson** Die easily locks in position with set screw. For 1" hexagon or round dies.

Stk.	Mfr.	Price
<b>461889</b>	11008ZR	<b>WEB</b>



### Adjustable Guide Die Stock Handle

**Hanson** Maintains alignment for accurate, straight threading. For 1" hexagon or round dies.

Stk.	Mfr.	Price
<b>462360</b>	12026	<b>WEB</b>



### Pipe Taps

**Hanson** Taper, high-carbon steel pipe taps.

Stk.	Mfr.	Size	Price
<b>448824</b>	1902ZR	1/8-NPT	<b>WEB</b>
<b>448891</b>	1903ZR	1/4-NPT	<b>WEB</b>
<b>448958</b>	1904ZR	3/8-NPT	<b>WEB</b>
<b>449025</b>	1905ZR	1/2-NPT	<b>WEB</b>



### Hanson 12-Piece Tap & Die Set

**Hanson** Each set contains a die stock, tap wrench, 1" solid die and plug tap for each size listed.

**Includes** taps & dies in sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13 & molded case.

Stk.	Mfr.	Price
<b>462630</b>	24612	<b>WEB</b>



### Hanson 24-Piece Tap & Die Set

**Hanson** Each set contains a die stock, tap wrench, 1" solid die and plug tap for each size listed.

**Includes** taps & dies in sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 1/8-27 & case.

Stk.	Mfr.	Price
<b>462760</b>	23622	<b>WEB</b>



### Hanson 24-Piece Metric Tap & Die Set

**Hanson** Metric tap and 1" hexagon die set.

**Includes** tap & dies: metric screw sizes 3mm-0.50, 4mm-0.70, 5mm-0.80, 6mm-1.00, 7mm-1.00, 8mm-1.25, 9mm-1.25, 10mm-1.50, 12mm-1.50, 12mm-1.75, threading tools plain die stock (for 1" dies), offset adj. tap wrench, (taps 0 to 1-1/2"), pipe (1/8-27 BSP), case.

Stk.	Mfr.	Price
<b>463162</b>	26313	<b>WEB</b>



### Bosch 40-Piece SAE Tap & Die Set

**BOSCH** Fractional tap and hex die set.

**Includes** 1" hex dies and plug taps (1 each): 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24,

7/16-14, 7/16-20, 1/2-13, 1/2-20; pipe tap and 1" pipe die 1/8-27. #5 screwdriver, screw pitch gauge, 1" hex die stock, T-handle wrench 0-1/4, T-handle wrench 1/4-1/2, tap wrench 1/4-1/2 and molded case.

Stk.	Mfr.	Price
<b>258924</b>	BTD40S	<b>WEB</b>



### Hanson 41-Piece Tap & Die Set

**Hanson** Fractional tap and 1-1/2" adjustable solid round dies.

**Includes** tap & dies: national coarse sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 9/16-12, 5/8-11, 3/4-10, national fine sizes 1/4-28, 5/16-

24, 3/8-24, 7/16-20, 1/2-20, 9/16-18, 5/8-18, 3/4-16, threading tools adj. die stock (1-1/2" dies), T-handle wrench (taps 1/4" to 1/2"), adj. handle tap wrench (taps 1/4" to 1"), 18 leaf standard thread pitch gauge, pipe 1-1/2" solid round (1/8-27 NPT, 1/4-18 NPT), case.

Stk.	Mfr.	Price
<b>462894</b>	25941	<b>WEB</b>



### Hanson 41-Piece Tap & Hex Die Set

**Hanson** Fractional tap and hex die set. Machine screw sizes are 5/8", all others are 1".

**Includes** tap & dies: machine screw sizes 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, National coarse sizes 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, National fine sizes 1/4-28, 5/16-24, 3/8-24, 7/16-20,

1/2-20, threading tools adj. die stock (1" dies), plain die stock (5/8" hex. dies), adj. handle tap wrench (taps 0 to 1/2"), T-handle wrench (taps 0 to 1/4"), 2-in-1 tap wrench (taps 1/4" to 1/2"), 18 leaf standard thread pitch gauge, pipe 1" hex (1/8-27 NPT) & case w/removable tray.

Stk.	Mfr.	Price
<b>462626</b>	24606	<b>WEB</b>



### Hanson 41-Piece Metric Tap & Hex Die Set

**Hanson** Metric tap and hexagon die set.

**Includes** tap & dies: 5/8" hexagon metric screw sizes 3mm-0.50, 4mm-0.70, 4mm-0.75, 5mm-0.80, 5mm-0.90, 6mm-1.00, 1" hexagon metric screw sizes 7mm-1.00, 8mm-1.00, 8mm-1.25, 9mm-1.00, 9mm-1.25, 10mm-1.25, 10mm-1.50, 11mm-1.50, 12mm-1.50, 12mm-1.75, threading tools adj. die stock (for 1" dies), plain die stock (for 5/8" dies), adj. handle tap wrench (for 0 to 1/2" taps), T-handle wrench (taps 0 to 1-1/4"), 2-in-1 tap wrench (for 1/4" to 1/2" taps), 16 leaf standard thread, pitch gauge, pipe 1" hex (1/8-28 BSP), case.

Stk.	Mfr.	Price
<b>463168</b>	26317	<b>WEB</b>



### GearWrench 77-Piece SAE Tap & Die Set

**GEARWRENCH** SAE/Metric tap and die set.

**Includes** (18) Taper Taps: 4 x 40, 6 x 32, 8 x 32, 10 x 24, 10 x 32, 12 x 24, 1/4 x 20, 1/4 x 28, 5/16 x 18, 5/16 x 24, 3mm x 0.50, 3mm x 0.60, 4mm x 0.70, 4mm x 0.75, 5mm x 0.80, 5mm x 0.90, 6mm x 1.00, 7mm x 1.00 (14) Plug Taps: 3/8 x 16, 3/8 x 24, 7/16 x 14, 7/16 x 20, 1/2 x 13, 1/2 x 20, 8mm x 1.25, 9mm x 1.00, 9mm x 1.25, 10mm x 1.25, 10mm x 1.50, 11mm x 1.50, 12mm x 1.50, 12mm x 1.75 (2) Pipe Taps: 1/8 -28 and 1/8 - 27. (34) Hex Dies: 4 x 40, 6 x 32, 8 x 32, 10 x 24, 10 x 32, 12 x 24, 1/4 x 20, 1/4 x 28, 5/16 x 18, 5/16 x 24, 3/8 x 16, 3/8 x 24, 7/16 x 14, 7/16 x 20, 1/2 x 13, 3mm x 0.50, 3mm x 0.60, 4mm x 0.70, 4mm x 0.75, 5mm x 0.80, 5mm x 0.90, 6mm x 1.00, 7mm x 1.00, 8mm x 1.00, 9mm x 1.25, 10mm x 1.25, x 10mm x 1.50, 11mm x 1.50, 12mm x 1.50, 12mm x 1.75, 1/8 -28, 1/8 -27. Medium ratcheting T-wrench, (2) Tap Adapters Small and Medium, Medium Hex Die Adapter, Sliding Handle for Tap Adapter, 4mm hex key, (2) Thread pitch gauges SAE and Metric, Hex die spacer and molded case.

Stk.	Mfr.	Price
<b>432798</b>	3887	<b>WEB</b>

## CHEMICALS & FLUIDS



### Naval Jelly

**Loctite** Chemically removes rust from all iron and steel surfaces. Brush-on, wash off.

Stk.	Mfr.	Size	Price
<b>504290</b>	01-80277	Pint	<b>WEB</b>



### Rust Remover

**Krud Kutter** Water-based formula penetrates metal to dissolve rust and oxidation through chemical action. Rust-inhibiting crystals bond with metal surface to resist future rusting. Dry surface may be painted, welded, plated, lubricated or left bare. Spray, brush or dip on rusted or new metal, galvanized metal, aluminum, stainless steel, cast iron, chrome, brass, concrete, brick, stucco, stone, marble, porcelain, fiberglass, ceramic, glass, rubber, plastic.

Stk.	Mfr.	Size	Price
<b>889360</b>	MR32	32 oz. spray	<b>WEB</b>



### Steel Blue Layout Fluid

**Dykem** An extremely thin translucent film coating with uniform deep blue color that prevents glare and dries in 2-4 minutes. Remains flexible without cracking or chipping and enables you to scribe sharp, clear, precise lines. Resistant to synthetic coolants, soluble oils, kerosene, gasoline, toluene.

Stk.	Mfr.	Size	Price
<b>374020</b>	80000	16 oz. aerosol	<b>WEB</b>
<b>374022</b>	80300	4 oz. brush in cap	<b>WEB</b>
<b>374024</b>	80400	8 oz. brush in cap	<b>WEB</b>



### Layout Fluid Remover & Cleaner

**Dykem** For all surface preparation and removal of Dykem Layout Fluids. Provides better surface adhesion. Prepares metal surfaces. Dries quickly. Does not contain toluene or chlorinated solvents.

Stk.	Mfr.	Size	Price
<b>374025</b>	82038	16 oz.	<b>WEB</b>



### Tap Magic Cutting Fluid w/EP-X3

**Tap Magic** A noncorrosive, biodegradable, water-based fluid for most cuts and metals. EP-X3 additive provides a synergistic boost in performance.

**Should not be used on magnesium.**

Stk.	Mfr.	Size	Price
<b>682861</b>	50016Q	16 oz.	<b>WEB</b>



### Tap Magic EP-Xtra® Cutting Fluid

**Tap Magic** Ozone-friendly formula that provides outstanding performance on all cuts and all metals - even hard metals such as stainless steel. EP-Xtra, provides a synergistic boost in performance. Highly effective for drilling, tapping, milling - all cuts on all metals.

Stk.	Mfr.	Size	Price
<b>682860</b>	10016E	16 oz.	<b>WEB</b>
<b>682862</b>	10128E	Gallon	<b>WEB</b>

## BUFFERS



### Buffer

**Baldor** For use with soft cloth buffing wheels and buffing compounds.

**Includes** start/stop switch & cord.

**Wheels sold separately. Please specify voltage. Buffers meet OSHA regulations if metal wheel covers, exhaust duct & dust collectors are added to the installation.**

Stk.	Mfr.	Wheel Dia.	Volts	HP	Phase	Price
<b>224139</b>	111	6"	115	1/3	1	<b>WEB</b>
<b>224675</b>	332B	8"	115/230	3/4	1	<b>WEB</b>
<b>224742</b>	333B	8"	115/230	3/4	1	<b>WEB</b>



### 1/4" Buffing Mandrel

**Woodstock** Buffing mandrel will adapt to fit 3/8" and 1/2" arbor holes.

**Includes** 1/4" mandrel, 3/8" bushing and 1/2" bushing.

Stk.	Mfr.	Price
<b>785649</b>	D3106	<b>WEB</b>



### Spiral Sewn Buffing Wheel

**Woodstock** Wheels are excellent for making the final cut when polishing plastics and most metals (excluding delicate metals such as gold and silver). Can be used with any compound. For final finishing on brass, stainless steel, aluminum, bronze and cast iron. Each layer is 100% unbleached cotton sheeting, spiral sewn approximately 1/8" apart.

Stk.	Mfr.	Dia.	Arbor	Width	Price
<b>785672</b>	D2504	6"	1/2"	40 Ply	<b>WEB</b>
<b>785673</b>	D2505	8"	1/2"	40 Ply	<b>WEB</b>
<b>785674</b>	D2507	6"	1/2"	60 Ply	<b>WEB</b>
<b>785675</b>	D2508	8"	1/2"	60 Ply	<b>WEB</b>



### Soft Muslin Buffing Wheel

**Woodstock** Soft and loosely sewn, muslin wheels are a must when making the final polish on soft and delicate metals. Perfect for bringing out a deep, lustrous shine. Soft feather-edged muslin is concentrically stitched together near the center, leaving the outer edge to provide a fine polishing surface. Perfect for stainless steel, chrome, gold or silver.

Stk.	Mfr.	Dia.	Arbor	Width	Price
<b>785676</b>	D2513	6"	1/2"	40 Ply	<b>WEB</b>
<b>785689</b>	D3088	8"	3/4"	40 Ply	<b>WEB</b>



### Buffing Compound

**Woodstock**

Stk.	Mfr.	Item	Size	Price
<b>785677</b>	D2901	Red Rouge, Fine	1 lb.	<b>WEB</b>
<b>785678</b>	D2902	Green, Extra-fine	1 lb.	<b>WEB</b>
<b>785679</b>	D2903	White	1 lb.	<b>WEB</b>
<b>785681</b>	D2905	Tripoli, Medium	1 lb.	<b>WEB</b>
<b>785648</b>	D2904	Black, Rough	1 lb.	<b>WEB</b>

## GRINDERS



### Delta 6"VS Grinder

**DELTA** Variable speed grinder offers convenience and versatility in grinding, sharpening, buffing and polishing operations. Features a 2.5 amp induction-type motor for powerful performance. Water tray to help keep workpiece cool while grinding. Work light with a separate on/off switch and flexible goose neck.

Wheel size 6" x 3/4" (36/60 grit). Shaft 1/2".

**Includes** eye shields, 2 grinding wheels, 4 rubber feet, work light (bulb not included), tool rests and diamond wheel dresser.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>712478</b>	23-196	120	2.5	2,000 - 3,400	<b>WEB</b>



### DeWalt 6" Grinder

**DEWALT** Bench grinder with a powerful 4 amp induction motor for high-speed material removal. Durability from rugged cast iron base to prolong life. Ideal for large grinding applications. Rear exhaust ports in wheel guards for smoother operation.

Wheel 6" dia. x 5/8"W (36/60 grit). Shaft 1/2".

**Includes** eye shields, tool rests and 2 grinding wheels.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>243064</b>	DW756	120	4	3,450	<b>WEB</b>



### JET 6" Grinder

**JET** For shops that may be short on space, this cast iron grinder with 1/2 HP motor delivers work power and pristine finishes. Built to withstand the high-volume demands of even the busiest shops, this high-quality machine grinds, sharpens and smooths with equal precision and flawless results.

Wheels 6" dia. x 3/4"W (36/60 grit). Shaft 1/2".

**Includes** eye shields, tool rests and 2 grinding wheels.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>485801</b>	JBG-6A	115	5	3,450	<b>WEB</b>





### General Intl 6" Bench Grinder

**General Intl.** Bench grinder restores edges, sharpens axes and mower blades, and smooths rough edges. It features a motor durable enough for home or commercial applications. The twin LED work lights on adjustable flex shafts allow for multiple viewing angles often required for detailed work projects.

Wheel 6" dia. x 3/4"T. Shaft 1/2".

**Includes** tool rests, eye shields, 2 grinding wheels and 2 work lights.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>420925</b>	BG6001	120	2	3,450	<b>WEB</b>



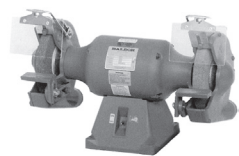
### Skil 6" Grinder w/Light

**SKIL** Featuring a 2.1 amp motor, this grinder comes with medium and coarse wheels. There's a convenient LED work light and a tool rest for each wheel for grinding accuracy. Features a solid cast-iron base with rubber feet that mounts easily to a bench top.

Wheels 6" dia. (medium/coarse). Shaft 1/2".

**Includes** tool rests, eye shields, 2 grinding wheels and work light.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>260296</b>	3380-01	120	2.1	3,450	<b>WEB</b>



### Baldor 8" Grinder

**Baldor** Ideal for heavy-duty tool grinding and production work. Features a split capacitor motor, that won't burn out even if repeatedly overloaded. Extra-heavy 3/4" shaft, oversize 206 ball bearings and exhaust-type guards that

accommodate 3" vent pipe. Tapered motor provides extra clearance between wheels and motor frame for easy grinding.

Wheels 8" dia. x 1"W (36/60 grit). Shaft 3/4".

**Includes** eye shields, 2 grinding wheels and tool rests.

**Please specify voltage.**

Stk.	Mfr.	Volts	HP	RPM	Price
<b>227221</b>	8100W	115/230	3/4	1,800	<b>WEB</b>



### Delta 8" VS Grinder

**DELTA** Dull tools are a thing of the past with this 8" bench grinder in your workshop. Featuring a 5 amp induction motor delivering variable speeds from 2,000 to 3,400 RPM, you can switch between sharpening and polishing or buffing tasks with ease. A built-in work light illuminates the work piece.

Wheels 8" dia. x 1"W (36/60 grit). Shaft 5/8".

**Includes** eye shields, tool rests, 2 grinding wheels and work light.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>712479</b>	23-197	120	5	2,000 - 3,400	<b>WEB</b>



### JET 8" Grinder

**JET** Cast iron grinder with 1 HP motor delivers work power for demanding projects. Built to withstand the high-volume demands of

even the busiest shops, this high-quality machine with cast iron pedestal stand grinds, sharpens and smooths with precision and flawless results.

Wheels 8" dia. x 1"W (36/60 grit). Shaft 5/8".

**Includes** eye shields, tool rests, stand and 2 grinding wheels.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>485802</b>	JBG-8A	115	8	3,450	<b>WEB</b>



### Rikon 8" Grinder

**Rikon** Low speed, 1/2 HP grinder has more than enough power for small workshops and carpenters, and other craftspeople working with hand tools. The left tool rest includes a groove for sharpening drill bits. Wheel flanges are stamped.

Wheels 8" dia. x 1"W (60/120 grit). Shaft 5/8".

**Includes** eye shields, 2 grinding wheels, dressing tool and tool rests.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>694300</b>	80-805	120	3	1,750	<b>WEB</b>



### Baldor 10" Grinder

**Baldor** Rugged, 1 HP split capacitor motor won't burn out even if repeatedly overloaded. Motor frame diameter allows plenty of room for grinding large, odd-shaped objects. Extra-large 206 ball bearings and 7/8" arbor. Cast iron exhaust-type guards accommodate 4" vent pipe.

Wheels 10" dia. x 1"W (36/60 grit). Shaft 7/8".

**Includes** eye shields and 2 grinding wheels.

**Please specify voltage. Cord and plug are not included.**

Stk.	Mfr.	Volts	HP	RPM	Price
<b>225948</b>	1022W	115/230	1	1,800	<b>WEB</b>



### JET 10" Grinder

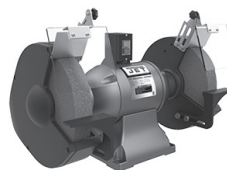
**JET** For shops that may be short on space, this cast iron grinder delivers work power and pristine finishes. Built to withstand the high-volume demands of even the busiest

shops, this high-quality machine grinds, sharpens and smooths with equal precision and flawless results.

Wheels 10" dia. x 1"W (24/46 grit). Shaft 1".

**Includes** eye shields, 2 grinding wheels and tool rests.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>485803</b>	JBG-10A	115	10	1,750	<b>WEB</b>



### JET 12" Grinder

**JET** Built to withstand the high volume demands of busy shops, this high quality machine grinds, sharpens and smooths with equal precision and flawless results. Heavy duty, 2 HP motor with sealed bearings and low voltage protection. Pre-drilled base.

Wheels 12" dia. x 2"W (36/60 grit). Shaft 1-1/4".

**Includes** eye shields, 2 grinding wheels, tool rests and wheel dresser.

Stk.	Mfr.	Volts	Amps	RPM	Price
<b>486044</b>	IBG-12	230	10	1,800	<b>WEB</b>



### 12" Grinder Stand

**JET** Stand fits all JET industrial grinders 10" and up. Heavy gauge metal and wide stance for stability. Extra large water pot.

Stk.	Mfr.	Size	Price
<b>486045</b>	DBG-STAND	20"L x 17"W x 33"H	<b>WEB</b>





**Plexiglas Eyeshields**  
**Baldor**

223402 223268

**Plexiglas Eyeshields with Mounting Arms**

Stk.	Mfr.	Fits	Size	Qty.	Price
<b>223402</b>	GA11	7" - 14" Grinders	6" x 4"	2	<b>WEB</b>
<b>223335</b>	GA10	6" Baldor Grinders	5" x 4"	2	<b>WEB</b>

**Lighted Plexiglas Eyeshields**

Stk.	Mfr.	Fits	Size	Qty.	Price
<b>223268</b>	GA9	Baldor grinders except carbide grinders.	6" x 4"	2	<b>WEB</b>



**Cast Iron Grinder Pedestal**  
**Baldor**

Stk.	Mfr.	Fits	Price
<b>223603</b>	GA16	For 6", 7", 8" & 10" grinders, 1/4 through 1-1/2 HP buffers, belt grinders & carbide grinders.	<b>WEB</b>
<b>223670</b>	GA20	For 8", 12" & 14" grinders & 3/4 HP through 10 HP buffers.	<b>WEB</b>



**Metal Dust Collector Stand**

**J E T** Dust collection stand for abrasive dust of bench grinders and bench top belt and disc sanders. Chips and dust collect into easy-empty metal drawer. Non-sparking aluminum fan blade and housing eliminates risk of fire. Replaceable high temperature filters. Heavy-duty 16 ga. steel construction. Large on/off switch with safety key.

Motor 1/2 HP, 115V, 1Ph, 20A.

Maximum CFM 472.

Maximum Hose Velocity 3,465 SFPM.

Sound Rating 75 db @ 10". Weight 110 lbs.

**Includes** 2 water trays, inlet adaptor assembly, 4 adjustable leveling pads and wrench.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486043</b>	JDCS-505	115	1/2	1	<b>WEB</b>



**Tool Tray**

**Baldor** For GA20 pedestal. 12" x 6".

Stk.	Mfr.	Price
<b>223067</b>	GA4	<b>WEB</b>



**Water Pots**  
**Baldor**

223804

223000

**Fits any grinder w/guard cover Includes** mounting bracket & swivel arm.

Stk.	Mfr.	Size	Price
<b>223804</b>	GA24	1-1/2 pints	<b>WEB</b>

**Fits GA20 Pedestal**

Stk.	Mfr.	Size	Price
<b>223000</b>	GA3	3 pints	<b>WEB</b>



**Universal Tool Table**

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>



**Tool Table & Universal Stand**

**Shop Fox** This plus size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
<b>785720</b>	D3640	<b>WEB</b>



**Pedestal Stand**

**J E T**

**Includes** coolant tank & tool tray.

Stk.	Mfr.	Size	Weight	Price
<b>485804</b>	JPS-2A	11"L x 10"W x 31"H	46 lbs.	<b>WEB</b>



**Hooded Wheel Dressers**

**Desmond** For use on medium and coarse wheels.

Stk.	Mfr.	Item	Dia.	Face	Price
<b>323067</b>	11210	#0	up to 10"	2"	<b>WEB</b>
<b>323201</b>	11310	#1	10" to 16"	3"	<b>WEB</b>

**Wheel Dresser Cutters**

**Desmond** Replacement cutter for Hooded Wheel Dresser Mfr.'s 11210 and 11310.

Stk.	Mfr.	Item	Dia.	Face	Price
<b>323000</b>	11220	#0	1-1/4"	.426	<b>WEB</b>
<b>323134</b>	11320	#1	1-1/2"	.426	<b>WEB</b>



**Arbor Hole Metal Adapters**

**Weiler** If a different arbor hole size is required (to reduce the standard 2" size). Order adapter separately from the brush.

Stk.	Mfr.	Arbor	Qty.	Price
<b>969218</b>	03811	3/4"	2	<b>WEB</b>
<b>969219</b>	03813	1-1/4"	2	<b>WEB</b>



### Abrasive Wheel

NORTON

6" Max Speed 4,140 rpm.

Stk.	Mfr.	Width	Arbor	Arbor Bushing	Grit	Price
<a href="#">611132</a>	88255	1"	1"	1/2", 5/8", 3/4", 7/8"	Medium	<b>WEB</b>
<a href="#">611199</a>	88260	1"	1"	1/2", 5/8", 3/4", 7/8"	Coarse	<b>WEB</b>

8" Max Speed 3,600 rpm.

Stk.	Mfr.	Width	Arbor	Arbor Bushing	Grit	Price
<a href="#">611467</a>	88285	1"	1"	5/8", 3/4", 7/8"	Medium	<b>WEB</b>
<a href="#">611534</a>	88286	1"	1"	5/8", 3/4", 7/8"	Coarse	<b>WEB</b>



969212



969222

### Coarse Wire Wheels

**Weiler** .014 wire dia. size. Solid ring construction ensures that brush will run more smoothly and last longer, even in the toughest service. Heat-treated high-carbon steel wire.

Stk.	Mfr.	Dia.	Width	Arbor	Wire Trim Length	Max. Speed (rpm)	Price
<a href="#">969206</a>	01075	6"	3/4"	1/2"-5/8"	1-7/16"	6,000	<b>WEB</b>
<a href="#">969212</a>	02325	6"	5/8"	1/2"-5/8"	1-7/16"	6,000	<b>WEB</b>
<a href="#">969222</a>	06080	6"	1"	2"	1-1/8"	6,000	<b>WEB</b>
<a href="#">969324</a>	02335	7"	3/4"	5/8"	1-9/16"	6,000	<b>WEB</b>
<a href="#">969210</a>	01175	8"	3/4"	5/8"	2-1/16"	6,000	<b>WEB</b>
<a href="#">969211</a>	01178	8"	3/4"	3/4"	2-1/16"	6,000	<b>WEB</b>
<a href="#">969224</a>	06120	8"	1"	2"	1-3/8"	4,500	<b>WEB</b>
<a href="#">969225</a>	06160	10"	1-1/8"	2"	2"	3,600	<b>WEB</b>
<a href="#">969226</a>	06190	12"	1-1/4"	2"	3"	3,600	<b>WEB</b>

[969226](#), [969225](#), [969224](#) | For more options, see *Arbor Hole Metal Adapters*, sold separately.



### Fine Wire Wheel

**Weiler** Solid ring construction ensures that brush will run more smoothly and last longer, even in the toughest service. Heat-treated high-carbon steel wire.

Stk.	Mfr.	Wheel Dia.	Wheel Width	Arbor	Wire Trim Length	Max. Speed (rpm)	Price
<a href="#">969204</a>	01045	6"	1/2"	1/2"-5/8"	1-7/16"	6,000	<b>WEB</b>
<a href="#">969209</a>	01148	8"	1/2"	3/4"	2-1/16"	6,000	<b>WEB</b>

## WET & DRY SHARPENERS



### 8" Wet Sharpener

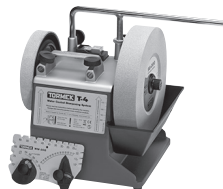
**Rikon** Wet sharpener efficiently removes steel and sharpens tool edges without any overheating that can ruin blades, thanks to the slow turning abrasive wheel and water cooling action. The holding jig makes putting the right cutting angle on tools easy and consistent.

Leather strop removes burrs and puts the final honed edge on chisels, plane blades, turning and carving tools, knives, axes and more. Waterproof switch with forward/off/reverse positions.

Grinding wheel 8" dia. x 1-9/16"W. Honing wheel 8" dia. x 1-1/8"W. Size 16-1/2"L x 10"W x 12"H. Weight 23 lbs.

**Includes** tool rest, tool holder jig, grinding wheel, honing wheel, water reservoir, angle guide and honing compound.

Stk.	Mfr.	Volts	Price
<a href="#">694310</a>	82-100	120	<b>WEB</b>



### 8" T-4 Sharpener

**Tormek** High quality and compact sharpening machine, ideal for hobby and professional use. The advanced design ensures an unbeatable precision for the Universal Support, which control all jigs and accessories. T-4 is well suited for sharpening chisels, knives, scissors, and smaller

tools like carving tools, and also works with turning tools and drill bits. The motor is rated for 30-minutes continuous use at a time.

Grinding wheel 8" x 1-5/8". Honing wheel 5-3/4" x 1". Size 9-7/16"W x 8-1/6"D x 10-1/4"H. Weight 17.6 lbs.

**Includes** stone grader, AngleMaster, honing compound, edge marker and honing compound.

Stk.	Mfr.	Volts	RPM	Price
<a href="#">193656</a>	T-4	115	120	<b>WEB</b>



### 10" T-8 Wet Grinder Sharpening System

**Tormek** Wet stone sharpening system is rated for continuous use so you can quickly and easily sharpen all qualities of steel, including High Speed Steel (HSS). Fully cast frame for maximum precision. Grindstone offers efficient steel removal and smooth surface finish. The

universal support guarantees minimal play for precise sharpening. Square edge jig has a movable side that ensures a 90° corner or a cambered shape on plane irons.

Grinding stone 10" x 2". Honing wheel 8-3/4" x 1-1/4". Size 10-5/8"W x 10-5/8"D x 13"H. Weight 32 lbs.

**Includes** AngleMaster, honing compound, stone grader, diamond truing tool, square edge jig, handbook and DVD.

**Safety eyeshields and guards, sold separately.**

Stk.	Mfr.	Volts	Price
<a href="#">193657</a>	T-8	110	<b>WEB</b>



### Hand Tool Sharpening Kit

**Tormek** Kit includes all the jigs needed for sharpening knives, scissors, axes as well as short chisel and carving tools. The Tormek case keeps jigs and accessories organized. The storage tray is durable and ready for many years of holding the jigs in place.

**Includes** 2 knife jigs, knife holder, scissors jig, axe jig, tool jig, storage tray and molded case.

Stk.	Mfr.	Price
<a href="#">940050</a>	HTK-806	<b>WEB</b>



### Woodturner's Sharpening Kit

**Tormek** Kit contains everything needed to shape and sharpen turning tools, including 2 patented jigs and a radius leather honing wheel. The Tormek case keeps jigs and accessories organized. The storage tray is durable and ready for many years of holding jigs in place.

**Includes** turning tool setter, machine cover, profiled leather honing wheel, gouge jig, multi jig, tool rest and case.

Stk.	Mfr.	Price
<a href="#">940080</a>	TNT-808	<b>WEB</b>



### 5' x 6' Horz./Vert. Band Saw

**JET** Ideal for smaller shops, the 1/2 HP motor offers great versatility and power when cutting in either a horizontal or vertical position. Heavy-duty 14-gauge steel stand with shelf has been redesigned for stability, rigidity and ease-of-use. Adjustable material stop, ball bearing supported blade wheel and fully adjustable ball bearing blade guides.

Blade speed 80, 120, 200 fpm. Blade size 1/2" x .025" x 64-1/2". Wheel 7-3/8" dia. Capacity: 5" dia. @ 90°, 3" dia. @ 45°, rectangular 5" x 6" @ 90°, 5" x 3" @ 45°. Table size 9-5/8" x 9-1/2". Unit size 36"L x 20"W x 39-1/2"H. Weight 115 lbs.

**Includes** 2 wheels, 2 adjustable feet, 2 vertical cutting plates, work stop assembly, belt, handwheel, shelf, 4 stand legs and hardware package.

**Please specify voltage. Pre-wired 115V.**

Stk.	Mfr.	Volts	HP	Phase	Type	Price
<b>485748</b>	HVBS-56M	115/230	1/2	I	Dry Cut	<b>WEB</b>



### 7' x 12' Horizontal / Vertical Band Saw

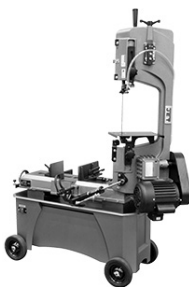
**JET** Metalworking bandsaw has everything needed to tackle the toughest job. New larger stand with built-in storage cabinet and chip tray. 9" x 12" worktable in the vertical position. Adjustable material stop for repeatability. Blade wheels are made from flanged cast iron for increased durability. Adjustable downfeed.

Blade speed 86, 132, 178, 260 fpm. Blade Size 3/4" x 0.032" x 93". Wheel 11-3/4" dia. Vise swivel 45°. Throat 7"D. Capacity: round 7" @ 90°, 4-1/2" @ 45°, rectangular 4" x 11" / 7" x 10-3/8" @ 90°, 6-1/2" x 4-1/2" @ 45°. Bed 22-1/4"H. Unit size 48"L x 17"W x 40"H. Weight 418 lbs.

**Includes** wheels and hardware package.

**Please specify voltage. Pre-wired 115V.**

Stk.	Mfr.	Volts	HP	Phase	Type	Price
<b>485747</b>	HVBS-712	115/230	3/4	I	Wet Cut	<b>WEB</b>



### 7' x 12' Deluxe Horz./Vert. Band Saw

**JET** Large stand with built-in storage cabinet and chip tray. Multi-position blade guides enhance use in vertical position by increasing the throat capacity from 4" to 8". Toolless quick lock vise with preset mitering positions at 15°, 30°, 45°. Blade wheels are made from flanged cast iron for increased durability. Large 9" x 12" infeed table can be used in either horizontal or vertical positions.

Blade speed 86, 132, 178, 260 fpm.

Blade size 3/4" x 0.032" x 93". Wheel 11-3/4" dia. Vise swivel 45°. Throat 7"D. Capacity: round 7" @ 90°, 5" @ 45°, rectangular 4" x 11" / 7" x 10-1/4" @ 90°, 6" x 4" @ 45°. Bed 22-1/4"H. Overall size 48"L x 17"W x 44"H. Weight 418 lbs.

**Includes** pulley cover, table plate, handle, 4 wheels, 2 supports and hardware package.

**Please specify voltage. Pre-wired 115V.**

Stk.	Mfr.	Volts	HP	Phase	Type	Price
<b>486049</b>	HVBS-712D	115/230	3/4	I	Wet Cut	<b>WEB</b>



### 8' x 14' Horz. Band Saw

**JET** An easy access control panel and heavy-duty geared head transmission for quick speed change increases productivity. Quick-positioning vise with fully adjustable jaws swivels to 45°. Adjustable material stop and hydraulic downfeed system.

Blade speed 135, 197, 256 sfpm.

Blade size 3/4" x .035" x 97". Wheel 12" dia. Vise swivel 45°. Throat 8"D. Capacity: 8" @ 90°, 6-1/2" @ 45°, rectangular 8" x 14" @ 90°, 6-1/2" x 6" @ 45°.

Table size 26"H. Overall size 51-1/2"L x 18-1/8"W x 44"H. Weight 287 lbs.

**Includes** 2 leveling feet, 2 wheels, stock stop and rod, can white touch-up paint and overload fuse.

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Type	Price
<b>485759</b>	HBS-814GH	115/230	3/4	I	Wet Cut	<b>WEB</b>



### 12' Vertical Band Saw

**Baileigh** This band saw includes everything needed to cut out the center of the material without having to fix a cut through it. Make straight and curved cuts with the vertical blade. The speed scale lets you see the estimated blade speed, so you can choose the right settings for the material. Variable speed from 65 to 295 fpm for cutting wood, metal and plastic. Comes standard with a fully-integrated blade welder with a built-in grinder for finishing the weld joint. Air blowdown system cools the blade and keeps the saw clean.

Blade 1/8" - 1/2" x .032" x 99.25". Weight 668 lbs. (shipping).

**Includes** butt welder and halogen work light.

Stk.	Mfr.	Amps	FPM	Price
<b>222551</b>	BSV-12VS	10	65-295	<b>WEB</b>



### 14' Vertical Band Saw

**JET** Powerful and precise heavy-duty bandsaw can handle large production pieces on extra-large table. Bi-metal blade welder, grinder and cutter. Variable speeds provide proper adjustments for high efficiency cutting. Easy-to-read blade tension indicator. Multi-tilting worktable.

Blade speed 82-330 sfpm.

Blade size 1 1/4"L, 1/8" x 1/2"W. Throat 14"D x 8"H. Welder 1.5 KVA. Table size 20" x 20".

Table tilt 8° F/B, 12°L and 15°R.

Unit size 34"L x 24"W x 68-1/2"H. Weight 634 lbs.

**Includes** blade, blade welder, grinder and cutter, worktable, work lamp, chip blower, set of tools and blade tire cleaning brush.

**Please specify voltage. Pre-wired 115V.**

Stk.	Mfr.	Volts	HP	Phase	Type	Price
<b>485805</b>	VBS-1408	115/230	I	I	Dry Cut	<b>WEB</b>

## 16" Vertical Band Saw

**JET** The exclusive two-speed gear box design permits a variety of high-efficiency cutting applications for both ferrous and non-ferrous metals. Built-in blade shear, welder, and grinder, with multi-tilting worktable and easy-to-read blade tension indicator. Rip fence on either side of blade improves accuracy.

Blade speed: 82-3,950 sfpm.  
Blade size 123-1/2"L, 1/8" x 5/8"W.  
Throat 15-1/2"D x 10"H. Welder 1.5 KVA.  
Table size 22" x 24". Table tilt 8° F&B, 12° L & 15° R.  
Overall size 37"L x 28"W x 72-1/2"H. Weight 944 lbs.

**Includes** blade, blade welder, grinder and cutter, worktable, work lamp, chip blower, set of tools, blade and tire cleaning brush, plus workpiece guide.

**Please specify voltage. Pre-wired 230V.**

Stk.	Mfr.	Volts	HP	Phase	Type	Price
<b>485806</b>	VBS-1610	230/460	2	3	Dry Cut	<b>WEB</b>

## 18" Vertical Bandsaw

**Baileigh** Increase capacity and add variable speed for straight and curved cuts using the vertical blade. Digital read-out easily lets you see blade speed and adjust the settings for your material. Manual shear lets you cut the blade, run it through the workpiece and weld it back together. Fully-integrated blade welder with built-in grinder helps finish the weld joint, which is great for getting to the center of a cut or repairing blades.

Blade speed 95 - 1,400 sfpm. Blade size 146.45" - 147"L x .032"T.  
Throat 18"D. Butt-Welder Capacity .125" - .625".  
Table size 19.68" x 21.25". Table tilt, 15° L and 45° R.  
Overall size 43.3"L x 32.28"W x 71.65"H. Shipping weight 807 lbs.

**Includes** blade and cast iron rip fence.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>222555</b>	BSV-18VS-V2	120	1	1	<b>WEB</b>

## Visorguard™ Blade Guard

**Flexbar** Provides complete protection between cutting blade & operator's hands & eyes. Easy-position handle. Adjustable tension 9"L flexbar arm permits correct setting of guard for each set-up. Drill & tap 2 holes to install. L-shaped Lexan shield is 6"H x 6"W x 4"D &

fits most band saws with 18" maximum throat height. Includes vertical angle mounting bracket w/11" of height adjustment, mounting screws w/self-locking nuts.

Stk.	Mfr.	Price
<b>408710</b>	13464	<b>WEB</b>



## Saw Blade Lubricant Stick

**Olson** Prolong blade life & produce smoother, quicker cuts. Wax stick keeps metal, plastic & wood-cutting blades from clogging due to chips or pitch. Use on all power & hand-held cutting tool blades including scroll, circular, hack & jeweler's saw blades.

Stk.	Mfr.	Size	Price
<b>613750</b>	AC70010	8"L x 1" dia.	<b>WEB</b>

## Metal-cutting Band Saw Blades

**MORSE** 10, 14, 18 tooth are raker set w/hard edge & flex back.

**Priced per individual blade.**

### Wells 57

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>537804</b>	1634100640	1/2"	5' 4" (64")	.025"	10	<b>WEB</b>
<b>537871</b>	1634140640	1/2"	5' 4" (64")	.025"	14	<b>WEB</b>
<b>537938</b>	1634180640	1/2"	5' 4" (64")	.025"	18	<b>WEB</b>

### Delta 4" x 6"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>537940</b>	1634100644	1/2"	5' 4-1/2" (64-1/2")	.025"	10	<b>WEB</b>
<b>537941</b>	1634140644	1/2"	5' 4-1/2" (64-1/2")	.025"	14	<b>WEB</b>
<b>537942</b>	1634180644	1/2"	5' 4-1/2" (64-1/2")	.025"	18	<b>WEB</b>

### Kalamazoo 610 & 7AD

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>538742</b>	1634100890	1/2"	7' 5" (89")	.025"	10	<b>WEB</b>
<b>538809</b>	1634140890	1/2"	7' 5" (89")	.025"	14	<b>WEB</b>
<b>538876</b>	1634180890	1/2"	7' 5" (89")	.025"	18	<b>WEB</b>

### Wells 58B

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539077</b>	1634100930	1/2"	7' 9" (93")	.025"	10	<b>WEB</b>
<b>539144</b>	1634140930	1/2"	7' 9" (93")	.025"	14	<b>WEB</b>
<b>539211</b>	1634180930	1/2"	7' 9" (93")	.025"	18	<b>WEB</b>

### Jet HVBS-7MW

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539220</b>	1644100930	3/4"	7' 9" (93")	.032"	10	<b>WEB</b>
<b>539221</b>	1644140930	3/4"	7' 9" (93")	.032"	14	<b>WEB</b>
<b>539222</b>	1644180930	3/4"	7' 9" (93")	.032"	18	<b>WEB</b>

### Delta 14"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539283</b>	1632100934	1/4"	7' 9-1/2" (93-1/2")	.025"	10	<b>WEB</b>
<b>539284</b>	1632140934	1/4"	7' 9-1/2" (93-1/2")	.025"	14	<b>WEB</b>
<b>539479</b>	1634100934	1/2"	7' 9-1/2" (93-1/2")	.025"	10	<b>WEB</b>
<b>539546</b>	1634140934	1/2"	7' 9-1/2" (93-1/2")	.025"	14	<b>WEB</b>
<b>539613</b>	1634180934	1/2"	7' 9-1/2" (93-1/2")	.025"	18	<b>WEB</b>

### Powermatic 14"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>539952</b>	1632140950	1/4"	7' 11" (95")	.025"	14	<b>WEB</b>
<b>539953</b>	1632180950	1/4"	7' 11" (95")	.025"	18	<b>WEB</b>
<b>540018</b>	1633140950	3/8"	7' 11" (95")	.025"	14	<b>WEB</b>
<b>540149</b>	1634100950	1/2"	7' 11" (95")	.025"	10	<b>WEB</b>
<b>540216</b>	1634140950	1/2"	7' 11" (95")	.025"	14	<b>WEB</b>
<b>540283</b>	1634180950	1/2"	7' 11" (95")	.025"	18	<b>WEB</b>
<b>540355</b>	1644140950	3/4"	7' 11" (95")	.032"	14	<b>WEB</b>

### Delta 20"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>541891</b>	1634101410	1/2"	11' 9" (141")	.025"	10	<b>WEB</b>
<b>541958</b>	1634141410	1/2"	11' 9" (141")	.025"	14	<b>WEB</b>
<b>542025</b>	1634181410	1/2"	11' 9" (141")	.025"	18	<b>WEB</b>
<b>542432</b>	1632101500	1/4"	12' 6" (150")	.025"	10	<b>WEB</b>
<b>542433</b>	1632141500	1/4"	12' 6" (150")	.025"	14	<b>WEB</b>
<b>542434</b>	1632181500	1/4"	12' 6" (150")	.025"	18	<b>WEB</b>
<b>542496</b>	1633101500	3/8"	12' 6" (150")	.025"	10	<b>WEB</b>
<b>542497</b>	1633141500	3/8"	12' 6" (150")	.025"	14	<b>WEB</b>
<b>542628</b>	1634101500	1/2"	12' 6" (150")	.025"	10	<b>WEB</b>
<b>542695</b>	1634141500	1/2"	12' 6" (150")	.025"	14	<b>WEB</b>
<b>542762</b>	1634181500	1/2"	12' 6" (150")	.025"	18	<b>WEB</b>

### Powermatic 20"

Stk.	Mfr.	Width	Length	Thick.	TPI	Price
<b>543097</b>	1634101510	1/2"	12' 7" (151")	.025"	10	<b>WEB</b>
<b>543164</b>	1634141510	1/2"	12' 7" (151")	.025"	14	<b>WEB</b>
<b>543231</b>	1634181510	1/2"	12' 7" (151")	.025"	18	<b>WEB</b>



## Bi-Metal Matrix II Band Saw Blade

**MORSE** High-speed matrix cutting edge is electron-beam welded to a low-alloy, shock-resistant back. Resists higher cutting temperatures than M-2 and carbon steel blades. Blades combine good heat and wear-resistance with excellent toughness and shock-resistance. The blades of choice for production-type cutting involving free-machining materials and interrupted cuts. Variable pitch teeth.

Stk.	Mfr.	Width	Length	Thick	TPI	Price
<b>538743</b>	3934130890	1/2"	7' 5" (89")	.025"	10/14	<b>WEB</b>
<b>539078</b>	3934130930	1/2"	7' 9" (93")	.025"	10/14	<b>WEB</b>
<b>539480</b>	3934130934	1/2"	7' 9-1/2" (93-1/2")	.025"	10/14	<b>WEB</b>
<b>539001</b>	3934130954	1/2"	7' 11-1/2" (95-1/2")	.025"	10/14	<b>WEB</b>



## 9" Cold Miter Cut-off Saw

**Baileigh** The CS-225M makes burr-free cuts like only a cold saw can. This portable benchtop saw has a cast base and a flood coolant system, often found only on more expensive models. Direct drive gearbox (encased in a fully machined cast iron housing) ensures proper alignment and a long lifetime of use.

Heavy-duty cast iron base stabilizes the machine, so that it can deliver accurate cuts for many years.

Blade 9" dia. Speed 50 rpm. Vise opening 2.75".

Cutting capacity: @ 90° 1.75" md., 2.125" sq. @ 45° 2" md., 2" sq.

Tool size 25"L x 15"W x 28"H. Weight 187 lbs. (shipping).

**Includes** 9" blade.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>225560</b>	CS-225M	110	1	1	<b>WEB</b>



## Cold Saw Blade

**Baileigh** This 225mm, 180-tooth cold saw blade will work on any cold cut saw with a 32mm arbor.

Stk.	Mfr.	Price
<b>225561</b>	1002618	<b>WEB</b>



## 12" Ferrous Cold Miter Saw

**JET** Delivers clean, burr-free cuts offering machine shop and fabrication professionals a list of features and standard design characteristics that you've come to expect from JET. Cast, dual pivot saw head offers 2 cutting speeds. Integral flood-style coolant system with 1.5 gal. tank capacity. Cam-handle clamping system for quick release.

Blade: 12" dia. 1.25" arbor. 52, 104 rpm.

Cut capacity: @ 45° 2" md., 2.6" sq. @ 90° 2" md., 3.2" sq.

Size: 40"L x 40"W x 70"H. Weight: 390 lbs.

**Includes** handle, operating lever, coolant tank with pump, work stop assembly, 2 splash plates and roller assembly.

**Cut-off wheel sold separately.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486125</b>	CS-315	220	2	3	<b>WEB</b>



## 14" Cut-Off Saw, 15 Amp

**Makita** 15 amp motor delivers 3,800 RPM for light gauge metal stud and strut, pipe, rebar and more. It features fence adjustment up to 45° right or left and a tool-less vice adjustment for increased productivity. Locking pin secures the cutting head in the down position for transport. Large ergonomic handle and 2-stage lock-off power button. Adjustable spark guard, fence adjusts to 3 locations, spindle lock for easy wheel changes.

Blade 14" dia., 1" arbor. Speed 3,800 RPM.

Cutting capacity @ 90° 5" round and 4" x 7-5/8" rectangular.

Tool size 19-3/4"L. Tool weight 37 lbs.

**Includes** 14" x 1" x 7/64" abrasive cut-off wheel and socket wrench.

Stk.	Mfr.	Volts	Amps	Price
<b>511404</b>	LW1401	120	15	<b>WEB</b>



## 14" Metal-cutting Cut-off Saw

**DEWALT** Powered by a 15 amp motor for high performance without overheating. Features Quik-Change™ blade change system and the Quik-Fence™ 45° adjustable fence reduces downtime with fast and accurate cuts. Heavy-duty compression spring provides smooth movement and greater durability than torsion springs. Large cutting capacity provides the ability to cut a wide variety of materials. Easily accessible brushes allow for convenient servicing.

Blade 14" dia., 1" arbor. Speed 4,000 rpm.

Cutting capacity @ 90° 5" md., 4-1/2" sq. Size 21"L. Weight 39 lbs.

**Includes** 14" abrasive wheel, fence wrench, tool free flange system.

Stk.	Mfr.	Volts	Amps	HP	Price
<b>242863</b>	D28715	120	15	5.5	<b>WEB</b>



## 14" Abrasive Chop Saw

**Milwaukee** Get industry-leading performance, durability and ease of use in a versatile cut-off machine that handles a wide variety of materials. With a powerful 15-amp, 4 HP motor and speeds up to 3,900 RPM, this abrasive cut-off machine allows for fast cutting of dry-wall track in bundles, angle iron, conduit, pipe, channels, tubing and rebar up to a 5" maximum capacity. With an adjustable fence, it can make 45° miter cuts quickly and accurately without flipping heavy material.

Blade 14" dia., 1" arbor. Speed 3,900 rpm.

Cutting capacity: @ 90° 5" md., 5" sq. Size 16"L. Weight 40 lbs.

**Includes** vise, abrasive wheel and hex wrench.

Stk.	Mfr.	Volts	Amps	HP	Price
<b>575899</b>	6177-20	120	15	4	<b>WEB</b>



## 14" Metal Devil® Dry-cut Saw

**MORSE** Metal Devil circular saws offer a safer, cleaner way to cut metal. The special motor maintains torque at optimum RPMs for cutting through metal smoothly and efficiently. Cut through steel and other tough metals as easily as soft pine. Enhanced blade alignment guides reduce waste from miscuts.

Blade 14" dia., 1" arbor. Speed 1,300 rpm.

Cutting capacity: @ 90° 5-1/8" md., 4-3/4" sq. @ 45° 4-1/8" md., 3-1/2" sq.

Size 12"L x 18-1/2"D x 17"H. Weight 53 lbs.

**Includes** vise, overload switch, retracting blade guard, chip collection chamber, blade wrench, safety goggles, ear plugs, metal cutting blade.

Stk.	Mfr.	Volts	Amps	HP	Price
<b>877772</b>	CSM14MB	120	15	2-1/2	<b>WEB</b>



### 14" Metal Devil Dry-Cut Saw Steel-Cutting Blade

**MORSE** Premium cutting performance in the most demanding of metal cutting applications. Optimized carbide tip design.

Maximum 1,800 RPM.

Stk.	Mfr.	Blade	Arbor	Price
<b>877776</b>	CSM1466NSC	14"	1"	<b>WEB</b>



### 14" Multi-Cutter Saw

**DEWALT** Cuts 4x faster than chop saws and 8x faster than portable band saws in angle iron (2" x 2" x 1/4"). Versatile saw cuts ferrous and nonferrous metals. 66-TPI CT blade keeps depth-of-cut constant, is less expensive than abrasive wheels and delivers fast, precise burr-free cuts.

Blade 14" dia., 1" arbor. Speed 1,300 rpm.

Cutting capacity: @ 90° 5-3/16" md., 6-1/2" sq. Tool size 21"L.

Tool weight 47 lbs.

**Includes** blade, wrench and vertical clamp.

Stk.	Mfr.	Volts	Amps	HP	Price
<b>243044</b>	DW872	120	15	4	<b>WEB</b>



### 14" General Purpose Metal Chop Saw Wheel

**DEWALT** Wheel features high grain concentration for aggressive cuts and smooth-running wheels. Two full sheets of fiberglass offer durability and safety.

Maximum 4,300 RPM.

Stk.	Mfr.	Blade	Arbor	Price
<b>242832</b>	DWA8011	14"	1"	<b>WEB</b>



### 14" Metal-Cutting Saw Blade

**DEWALT** Made with 12% titanium carbide, this steel cutting saw blade will tackle tough metal cutting applications with ease. Modified ATB tooth geometry provides clean, burr-free cuts and expansion slots dissipate heat, extending blade life. A trifoil braze boosts the strength of each tooth tip for extreme durability.

Hook angle 1.5°, kerf 0.091", 1,800 max rpm.

Stk.	Mfr.	Blade	Arbor	Price
<b>242835</b>	DWA7747	14"	1"	<b>WEB</b>



### 16" Gear Driven Metal Drill Press

**Baileigh** Gear head drill press with wide diameter column, heavy gear transmission, solid cast iron base and adjustable table. Large column reduces flexing. Gear head adjusts up or down. Transmission offers multiple speeds that are perfect for drilling and tapping an array of different materials.

Capacities: drilling 1", tapping M16. Column 4" dia.

Spindle speed 130 - 2,348 rpm. Spindle travel 5.3"

Spindle taper MT-3. Table work surface 19.75"L x 13.75"W.

Tool size 15.5"L x 19.5"W (at base). Tool weight 750 lbs. (shipping).

**Includes** halogen light and protective guarding.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>222580</b>	DP-1000G	110	3/4	1	<b>WEB</b>



### 18" 16-Speed Drill Press with Laser

**DELTA** Sixteen-speed motor provides the power needed for demanding drilling operations. Auto-tensioning belt drive allows fast, easy speed changes while maximizing transmission efficiency. Table work surface 20" x 14", 90° tilt R/L, 0-48° forward. Flexible LED work light.

Chuck 5/8". Speed 170-3,000 RPM.

Size 20" x 28" x 70". Weight 240 lbs.

**Includes** LED work light, twin laser, 6 Allen wrenches and drift key.

Stk.	Mfr.	Volts	HP	Price
<b>704900</b>	18-900L	120	3/4	<b>WEB</b>



### 20" 12-Speed Drill Press

**JET** Hinged-metal belt and pulley cover coupled with quick-adjust motor mount allow rapid spindle speed changes. Rotating, 45° tilt, crank-operated 18-1/2" x 16" worktable with quick release clamp. 1/2" dia. external positive depth stop with 3-nut locking feature. Adjustable tension spindle return spring, ball bearing spindle and built-in worklight.

Chuck 3/4". Drilling capacity 1". Speed 150-4,200 RPM.

Size 33-1/2" x 18-1/2" x 67". Weight 282 lbs.

**Includes** chuck key and worklight (60W bulb not included).

**Please specify voltage. 115V will be shipped if not specified.**

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486005</b>	JDP-20MF	115/230	1-1/2	1	<b>WEB</b>



### 20" VS Drill Press

**POWERMATIC** Gear-driven power consistently and efficiently transfers torque. Removable cast table has 45° rotation and handles move right or left. High-visibility laser pinpoints drilling location. LED light reduces shadows.

Chuck 5/8". Spindle travel 6". Speed 150 - 3,600 RPM. Table size 20-1/2"L x 15-1/2"W. Size 24.5"L x 20.5"W x 71.85"H. Weight 337 lbs.

**Includes** chuck key and wrenches.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>656698</b>	1792820	115	1	1	<b>WEB</b>



### Circle Cutters

**General** Replaceable high speed steel blades. Maximum safe speed 500 rpm.

Stk.	Mfr.	Shank	Circles	Price
<b>417000</b>	4	3/8" Rd. & 5/8" Sq.	7/8" to 4"	<b>WEB</b>
<b>417067</b>	5B	3/8" Rd.	1" to 6"	<b>WEB</b>
<b>417469</b>	55	1/2" Rd.	1-3/4" to 8"	<b>WEB</b>

## STANDS & TABLES



### Pedestal Roller Table

**HTC Products** Galvanized steel ball-bearing rollers easily move stock. Durable, adjustable wedge-shaped support legs.

Height 26-1/2" - 43-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
<b>476476</b>	HRT-10	5	15"	18"	<b>WEB</b>



### Roller Extension Tables

**HTC Products** Portable conveyors are built to last w/durable adjustable wedge-shaped support legs that can handle large loads. Heavy-duty, all steel welded construction plus steel ball bearing rollers make moving stock through your saw or planer easier. Non-marring nylon leveling glides are included to adjust for uneven floors. Unit folds neatly & legs latch for storage.

Height 26-1/2" - 43-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
<b>476484</b>	HRT-70	17	15"	66"	<b>WEB</b>
<b>476489</b>	HRT-90	17	24"	66"	<b>WEB</b>



### Stock Stand

**HTC Products** Galvanized ball bearing roller. Height 28"- 45-1/2". Capacity 500 lbs.

Stk.	Mfr.	Rollers	Width	Length	Price
<b>476462</b>	HSS-18	1	16"	1-3/8"	<b>WEB</b>



### Pedestal Roller Stand

**Port A Mate** Pedestal-style feed roller / support stand adjusts from 25.25" to 43.25"H. 1 1/2" polished steel ball bearing roller is smooth in operation and allows for easy material feeding for table saws, band saws, and more. Folds flat for easy storage and portability. Capacity 200 lbs.

Stk.	Mfr.	Price
<b>476508</b>	PM-5090	<b>WEB</b>



### Tri-Function Pedestal Roller Stand

**Port A Mate** Pedestal support features a pivoting head for 3 types of support – it has a smooth, ball-bearing 1 1/4" roller, 6-ball multidirectional roller and a rigid stationary support. Quick pivot head allows for easy changes, making it an essential piece for your woodshop. The height adjusts from 26.5"-43.75",

ensuring it will work with your table saw, band saw, and many other uses. Tough powder coat finish, non-slip feet, a wide stance for stability and a full 200 lb. capacity. Folds away for easy storage.

Stk.	Mfr.	Price
<b>476509</b>	PM-5093	<b>WEB</b>



### Stock Roller Stand

**Shop Fox** Four-point stand with single roller (13"W) provides stability for every wood processing job. Welded square steel construction, variable height adjustment and flat storage make this the roller stand of choice.

Height 24-1/2" to 42". Capacity 150 lbs.

Stk.	Mfr.	Price
<b>785790</b>	D4800	<b>WEB</b>



### Horizontal-Roller Material Support Stand

**J E T** Heavy-duty cast iron and steel construction with chrome plated ball bearing roller head. Locking screws provide added safety. Roller heads are interchangeable.

Capacity: 2,000 lbs. Height 23"-38" Roller: 14"W

Stk.	Mfr.	Price
<b>486030</b>	414121	<b>WEB</b>



### V-Roller Material Support Stand

**J E T** Heavy-duty cast iron and steel construction with chrome plated ball bearing roller head. Locking screws provide added safety. Roller heads are interchangeable.

Capacity: 2,000 lbs. Height 23"-38".

Round Stock: 1" min., 12" max.

Stk.	Mfr.	Price
<b>486031</b>	414122	<b>WEB</b>



### Universal Tool Table

**Shop Fox** 30-1/2"H table holds bench top tools (i.e. chop, scroll & band saws, drill presses & planers). Butcher block finish table top. Support cross braces for strength & capacity. Flared legs & adjustable rubber feet ensure stability & reduce machine vibration. 13" x 23" (top). 700 lb. capacity.

Stk.	Mfr.	Price
<b>785618</b>	D2056	<b>WEB</b>



### Tool Table & Universal Stand

**Shop Fox** This plus-size tool table accommodates larger bench top machines. Wide A-frame stand with butcher block laminate top.

Top 14" x 40" x 1-1/4"T. Table 33"H. Capacity 700 lbs.

Stk.	Mfr.	Price
<b>785720</b>	D3640	<b>WEB</b>



### Tool Stand

**Shop Fox** 24"H sturdy tool stand with non-slip rubber feet. 27-1/2" x 31-1/2" (at base), 17-3/4" x 22" (at top). 1,000 lb. capacity.

Stk.	Mfr.	Price
<b>785635</b>	D2275	<b>WEB</b>



### Universal Benchtop Machine Table

**J E T** Sturdy table is made from steel with a solid top. Adjustable table height (30" to 35") for using machines at the optimal height. Holes in the bottom frame allow users to cut their own shelves for added storage. 20"D x 29"L top. 400 lb. capacity.

Stk.	Mfr.	Price
<b>618519</b>	728100	<b>WEB</b>

## MILLING MACHINES



### Vertical Milling Machine

**J E T** Milling machine with 9" x 42" table and 2 HP motor. High precision Class 7 spindle bearings and the rugged stability of Certified Meehanite® castings to ensure that every job is up to your standards. The internally cooled spindle head prevents seizing and precision engineering ensures superior results with all the features you've come to expect.

Size 57"W x 64"D x 82"H.  
Weight 2,200 lbs.(shipping).

**Includes** turret mill, flat way cover, pleated way cover, draw bar, 3 adjustment handles, 2 belt guards and tool box with tools.

Stk.	Mfr.	Volts	HP	Phase	Speed	Price
<b>485702</b>	JTM-1	230V	2	3	16	<b>WEB</b>
<b>485703</b>	JTM-2	115/230V	2	1	8	<b>WEB</b>

**485703** Please specify voltage. 230V will be shipped if not specified.

### R-8 Collet Set

**J E T** Precision-hardened and ground. Sizes 1/8" to 3/4" by 8ths.

Stk.	Mfr.	Item	Price
<b>485901</b>	CS-R8	6-Piece Set	<b>WEB</b>

### Chuck & Collet Set

**J E T** Premium milling chuck and collet set. Quickly change from 1 shank size to another without loosening the draw bar. 15 precision spring collets take the place of 15 individual adapters. Useful for milling, drilling, reaming and boring. Collets are in increments of 1/16". T.I.R. at 2-3/8" is .0008".

**Includes** wrenches and wooden case.

Stk.	Mfr.	Item	Price
<b>485902</b>	CCS-1	17-Piece Set	<b>WEB</b>



### Clamping Kit

**J E T** Stud size is 1/2" - 13 tpi. T-slot sizes are 9/16" and 5/8".

**Includes** 6 T-slot nuts, 6 flange nuts, 4 coupling nuts, 12 step blocks, 6 step clamps, 24 studs and wall-mountable metal tray.

Stk.	Mfr.	Item	Price
<b>485903</b>	CK-12	58-Piece Kit	<b>WEB</b>



### Center Drills & Countersinks

**Production Tool Supply** Combined drills and

countersinks are made of high speed steel. 60° countersink angle fits all standard centers.

Stk.	Mfr.	Drill Dia.	Body Dia.	Length	Price
<b>682765</b>	AV50-1	3/64"	1/8"	1-1/4"	<b>WEB</b>
<b>682766</b>	AV50-2	5/64"	3/16"	1-7/8"	<b>WEB</b>
<b>682767</b>	AV50-3	7/64"	1/4"	2"	<b>WEB</b>
<b>682768</b>	AV50-4	1/8"	5/16"	2-1/8"	<b>WEB</b>
<b>682769</b>	AV50-5	3/16"	7/16"	3-3/4"	<b>WEB</b>
<b>682770</b>	AV50-6	7/32"	1/2"	3"	<b>WEB</b>



### Regular End 2 Flute Double End Mills

#### Production Tool Supply

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
<b>682771</b>	CR50-C4	1/8"	3/8"	3/8"	<b>WEB</b>
<b>682773</b>	CR50-C6	3/16"	7/16"	3/8"	<b>WEB</b>
<b>682775</b>	CR50-C8	1/4"	1/2"	3/8"	<b>WEB</b>
<b>682777</b>	CR50-C10	5/16"	9/16"	3/8"	<b>WEB</b>
<b>682779</b>	CR50-C12	3/8"	9/16"	3/8"	<b>WEB</b>
<b>682781</b>	CR50-C14	7/16"	13/16"	1/2"	<b>WEB</b>
<b>682783</b>	CR50-C16	1/2"	13/16"	1/2"	<b>WEB</b>
<b>682785</b>	CR50-C20	5/8"	1-1/8"	5/8"	<b>WEB</b>
<b>682787</b>	CR50-C24	3/4"	1-5/16"	3/4"	<b>WEB</b>
<b>682788</b>	CR50-C32	1"	1-5/8"	1"	<b>WEB</b>



### Center Cutting 4-Flute Double End Mills

#### Production Tool Supply

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
<b>682728</b>	CR65-B4	1/8"	3/8"	3/8"	<b>WEB</b>
<b>682730</b>	CR65-B6	3/16"	1/2"	3/8"	<b>WEB</b>
<b>682732</b>	CR65-B8	1/4"	5/8"	3/8"	<b>WEB</b>
<b>682734</b>	CR65-B10	5/16"	3/4"	3/8"	<b>WEB</b>
<b>682735</b>	CR65-B11	11/32"	3/4"	3/8"	<b>WEB</b>
<b>682736</b>	CR65-B12	3/8"	3/4"	3/8"	<b>WEB</b>
<b>682738</b>	CR65-B14	7/16"	1"	1/2"	<b>WEB</b>
<b>682740</b>	CR65-B16	1/2"	1"	1/2"	<b>WEB</b>
<b>682741</b>	CR65-B18	9/16"	1-3/8"	5/8"	<b>WEB</b>
<b>682742</b>	CR65-B20	5/8"	1-3/8"	5/8"	<b>WEB</b>
<b>682744</b>	CR65-B24	3/4"	1-5/8"	3/4"	<b>WEB</b>
<b>682745</b>	CR65-B32	1"	1-7/8"	1"	<b>WEB</b>



### Ball End 2-Flute End Mills

#### Production Tool Supply

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
<b>682818</b>	CX50-R4	1/8"	3/8"	3/8"	<b>WEB</b>
<b>682819</b>	CX50-R6	3/16"	1/2"	3/8"	<b>WEB</b>
<b>682826</b>	CX50-R8	1/4"	5/8"	3/8"	<b>WEB</b>
<b>682828</b>	CX50-R12	3/8"	3/4"	3/8"	<b>WEB</b>
<b>682830</b>	CX50-R16	1/2"	1"	1/2"	<b>WEB</b>
<b>682831</b>	CX50-R20	5/8"	1-3/8"	5/8"	<b>WEB</b>
<b>682832</b>	CX50-R24	3/4"	1-5/8"	3/4"	<b>WEB</b>





## Center Cutting End Mills Production Tool Supply

### 4 Flute (Regular L)

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
<b>682806</b>	CT55-F4	1/8"	3/8"	3/8"	<b>WEB</b>
<b>682807</b>	CT55-F6	3/16"	1/2"	3/8"	<b>WEB</b>
<b>682808</b>	CT55-F8	1/4"	5/8"	3/8"	<b>WEB</b>
<b>682809</b>	CT55-F10	5/16"	3/4"	3/8"	<b>WEB</b>
<b>682810</b>	CT55-F12	3/8"	3/4"	3/8"	<b>WEB</b>
<b>682811</b>	CT55-F14	7/16"	1"	3/8"	<b>WEB</b>
<b>682812</b>	CT55-F16	1/2"	1-3/8"	1/2"	<b>WEB</b>
<b>682813</b>	CT55-F16X	1/2"	1"	3/8"	<b>WEB</b>
<b>682814</b>	CT55-F20	5/8"	1-5/8"	5/8"	<b>WEB</b>
<b>682815</b>	CT55-F20X	5/8"	1-3/8"	1/2"	<b>WEB</b>
<b>682816</b>	CT55-F24W	3/4"	1-5/8"	3/4"	<b>WEB</b>
<b>682817</b>	CT55-F32	1"	1-7/8"	7/8"	<b>WEB</b>

### 2 Flute

Stk.	Mfr.	Size	Flute Length	Shank Dia.	Price
<b>682789</b>	CS50-G4	1/8"	3/8"	3/8"	<b>WEB</b>
<b>682790</b>	CS50-G6	3/16"	3/8"	3/8"	<b>WEB</b>
<b>682791</b>	CS50-G8	1/4"	1/2"	3/8"	<b>WEB</b>
<b>682792</b>	CS50-G10	5/16"	9/16"	3/8"	<b>WEB</b>
<b>682793</b>	CS50-G12	3/8"	9/16"	3/8"	<b>WEB</b>
<b>682794</b>	CS50-G14	7/16"	13/16"	3/8"	<b>WEB</b>
<b>682795</b>	CS50-G16	1/2"	1"	1/2"	<b>WEB</b>
<b>682796</b>	CS50-G16X	1/2"	13/16"	3/8"	<b>WEB</b>
<b>682797</b>	CS50-G18	9/16"	1-1/8"	1/2"	<b>WEB</b>
<b>682798</b>	CS50-G20	5/8"	1-5/16"	5/8"	<b>WEB</b>
<b>682799</b>	CS50-G20X	5/8"	1-1/8"	1/2"	<b>WEB</b>
<b>682800</b>	CS50-G22	11/16"	1-5/16"	5/8"	<b>WEB</b>
<b>682801</b>	CS50-G22X	11/16"	1-5/16"	1/2"	<b>WEB</b>
<b>682802</b>	CS50-G24	3/4"	1-5/16"	5/8"	<b>WEB</b>
<b>682803</b>	CS50-G24W	3/4"	1-5/16"	3/4"	<b>WEB</b>
<b>682804</b>	CS50-G24X	3/4"	1-5/16"	1/2"	<b>WEB</b>
<b>682805</b>	CS50-G32	1"	1-1/2"	1"	<b>WEB</b>

## LATHES



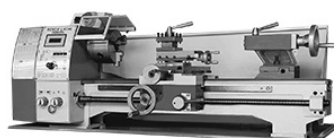
### Mill, Drill, Lathe Combo

**Baileigh** This combo mill drill lathe is ideal for small shops. Sturdily built with an MT-2 taper, the MLD-1022 offers all the features you'd want, including a DRO and independent motors. 2 independent 1 HP motors reduce wear and tear and give this combination machine a longer life. Comes with 3-jaw and 4-jaw chucks to hold both square and rounded materials. Yoke on stationary mill allows you to drill as on a traditional drill press.

Speed Range 50-2250 rpm VS. Range of Thread 8 - 56 TPI.  
Swing 9.75" over bed, 5.7" over cross slide. Distance between centers 22".

**Includes** stand.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>222594</b>	MLD-1022	120	1	1	<b>WEB</b>



### 9" Bench Top Lathe

**Baileigh** Recommended for small machine shops, VS metal lathe includes digital readout for accurate cutting speed. Capable of making both metric and standard threads.

Standard tool post screws and unscrews to accept tooling. Steady rest and follow rest minimize shaft wobbling and maintain high accuracy.

Distance between centers 19.6". Swing over bed 9.75". Spindle taper MT4. Spindle bore 0.787". Chuck 4.925" dia. Tool slide travel 1.89". Taper of tailstock quill MT2. Range of metric threads 0.4-3.4 mm. Range of inch threads 8-56 TPI. Cross slide travel 4.528". Spindle accuracy .001". Spindle speed 50 - 2,000 rpm. Weight 405 lbs. (shipping).

**Includes** stand, foot brake, work light, 3 and 4 jaw chucks, coolant system, steady rest, follow rest, splash guard and digital readout for spindle speed.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>222621</b>	PL-1022VS	120	1	1	<b>WEB</b>



### 12" Metal Lathe

**Baileigh** An economical lathe that is high in quality and features. The integrated gear system allows for tapping, turning and polishing with a range of speeds from 70 to 1,400 RPM. Built to last with only top quality components and all ways are ground and hardened to ensure long life.

Swing over bed 12", over cross slide 7.625". Distance between centers 36". Spindle nose 1-1/2" x 8 TPI, taper MT-3. Sleeve 1.25" dia., taper MT3. Spindle speed (9) 70-1,400 rpm. Longitudinal feed 0.002" - 0.0548"/rev. Thread 4 - 56 TPI, 0.4 - 7mm. Lead screw pitch 8 TPI. Max. tool size .625" x .625". Travel top slide 3.250", cross slide 5.312". Spindle nose D1-4", bore 1.50", taper MT5. Bed 7.125"W. Swing in gap 17".

**Includes** 3- and 4-jaw chucks, steady rest, follow rest, face plate, live center, foot brake, coolant system and halogen work light.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>222622</b>	PL-1236E	220	1.5	1	<b>WEB</b>



### 13" Bench Lathe

**J E T** DI-4 spindle is precision-ground for accuracy and supported by high quality tapered roller bearings. Headstock is constantly oiled during operation. Enclosed gearbox gives large threading and feed capabilities with no gear changes. Precision roller bearings support the hardened and

ground spindle for tight tolerances and fast and easy speed changes. 6" 3-jaw direct mount chuck with top reversing jaw.

Swing: over bed 13", over cross slide 7-25/32", through gap 18-3/4".

Length of gap 8-1/8". Distance between centers 40".

Headstock: hole through spindle 1-1/2", spindle nose DI-4, taper in spindle nose MT-3, spindle bearing tapered roller, spindle speed range (8 speeds) 70-2,000 rpm.

Gearbox: 40 longitudinal & cross feeds 40, longitudinal feed range 0.0036"-0.1005"/rev., cross feeds range 0.0012"-0.0345"/rev., 40 inch threads, inch thread range 4-1 1/2 TPI, 27 metric threads, metric thread range 0.2 - 6mm, leadscrew 7/8" x 8 TPI, feed rod 3/4" dia.

Compound and carriage: 4-way tool post, max. tool size 5/8" x 5/8", compound slide travel 2-1 1/16", cross slide travel 6-5/16", carriage travel 35".

Tailstock: spindle travel 3-3/4", spindle 1-1/4" dia., taper MT-3.

Steady and follow rest capacities 1/4" - 2-5/8".

Bed dimensions 54"L x 7-3/8"W x 12"H.

Size 79"L x 28-1/2"W x 30"H. Tool weight 1,154 lbs.

**Includes** 2 rests, 6" and 8" chucks, 12" face plate, 3 cam locks, chip tray, splash guard, lifting hook, 2 lifting blocks, 5 gears, touch-up paint, oil can, 2 centers and center sleeves, tool box and tools.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>485701</b>	GHB-1340A	230	2	1	<b>WEB</b>



### 14" VS Bench Top Lathe

**Baileigh** This metal lathe is accurate to .001" - a level of quality typically associated with larger models. Runs on 110 volts, so it will work anywhere.

Digital readout shows spindle speed. Capable of making metric or standard threads. Splash guard helps keep your shop safe from flying debris, catch pan avoids a mess when you spray coolant.

Distance between centers 13.8". Swing over bed 7". Spindle taper MT3.

Spindle bore .75". Chuck 4" dia. Tool slide travel 1.378".

Taper of tailstock quill MT2. Range of metric threads 0.5-2.5 mm.

Range of inch threads 12-52 TPL. Cross slide travel 2.559".

Spindle accuracy .001". Spindle speed 100 - 2,500 rpm.

Weight 170 lbs. (shipping).

**Includes** 3-jaw and 4-jaw chucks.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>222619</b>	PL-714VS	110	3/4	1	<b>WEB</b>



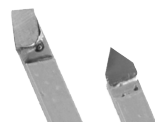
### Lathe Tool Kit

**Shop Fox**

**Includes** 5" straight & left-turning tool holders (ea. with 1/4" x 2-1/2" M2 HSS bit), 6-3/4" boring bar, holder, (1/4" sq. x 2-1/2" M2 HSS bit) & 1/8" hex

wrench, 4-1/2" straight shank cut-off tool holder (with 3/32" x 1/2" HSS cut-off blade), 3 square head center punches (3/32" x 4"), 6" spring divider, knurling tool holder w/fitted knurls, 6" steel rule, 7" heavy-duty machinist's scribe, T-slot cleaner, 2 lathe dogs (1/2" ea. straight & bent).

Stk.	Mfr.	Item	Price
<b>785730</b>	D4090	20-Piece	<b>WEB</b>



### Carbide Lathe Tool Bit Sets

**Steelex** Carbide steel bits for cutting steel & alloys.

**Includes** 20 bits (10 ea. of C-grade #'s 2 & 6).

Stk.	Mfr.	Length	Price
<b>785651</b>	M1073	1/4"	<b>WEB</b>
<b>785653</b>	M1074	3/8"	<b>WEB</b>
<b>785654</b>	M1075	1/2"	<b>WEB</b>



### 4-Jaw Chuck

**Shop Fox** Self-centering chuck w/reversible stepped jaws holds a variety of round or square workpiece sizes. Setup is quick & easy by twisting the knurled adjustment plate on back of chuck. Fits all wood lathes w/1" x 8 TPI spindles.

**Includes** two 4" wrenches.

Stk.	Mfr.	Size	Price
<b>785749</b>	D4054	3" Chuck	<b>WEB</b>



### Heavy-duty Live Center for 9" Bench Lathe

**Steelex** Triple bearing MT-2 live center is hardened to 61-65 Rockwell C-Scale. Unique head driving mechanism prevents dust, chips & coolant from entering the internal workings. Made w/high-quality precision bearings. Accuracy of 0.0003". MT-2 taper.

Stk.	Mfr.	Length	Price
<b>785661</b>	M1065	5"	<b>WEB</b>



### Latheguards™

**Flexbar** Neither razor-sharp chips nor broken tool bits will penetrate Lexan® shield. Rib reinforced, robust construction, lightweight & swings away easily. Back of shield is reinforced

w/plated wire-form housing. Locks in swing away or functional positions. Accepts 3 or 4-jaw chucks. USA made.

**Includes** heavy-duty cast mounting bracket & chrome-plated extension tube w/hardware. Affix 2 screws to mount.

**Exceeds OSHA requirements.**

Stk.	Mfr.	Lathe Size	Shield Size	Use w/ Chuck Dia.	Price
<b>408500</b>	12999	Small	3.9"H x 6.25"W x 7.8"L	Up to 6"	<b>WEB</b>
<b>408570</b>	13061	12"-16"	8"H x 8"W x 16"L	Up to 12"	<b>WEB</b>
<b>408571</b>	13062	16"-20"	10.25"H x 8"W x 19.70"L	Up to 16"	<b>WEB</b>

### 13" Lathe Accessories

**J E T** For use with Mfr. GHB-1340A.

**5" Heavy-Duty Live Center** Triple bearing MT-3 live center is hardened to 61-65 Rockwell C-Scale. Unique head driving mechanism prevents dust, chips & coolant from entering the internal workings. Made w/high-quality precision bearings. Accuracy of 0.0003". MT-3 taper.

Stk.	Mfr.	Price
<b>785662</b>	M1066	<b>WEB</b>

**Collet Closer** Uses 5-C collets. Precision-ground components. Rear-mounted lever action. Some drilling & other modification may be required.

Stk.	Mfr.	Price
<b>485909</b>	CC-GHB1340	<b>WEB</b>

## DUST COLLECTORS



### Cabinet Dust Collector for Metal

**J E T** Collects abrasive dust from belt, disc finishing and grinding machines. Chips and dust collect into a metal drawer that is easy to clean, and no cloth bags! Two 3" chutes allow you to attach 2 different machines and portable casters allows for use throughout the shop. Enhances

the health and safety levels in your shop. Non-sparking aluminum housing and fan blade. Easy-change air filter. Mfr.'s 2-year warranty.

Maximum CFM 490. Filter size 19"L x 9-1/2"W x 1-3/4"H.

Filter efficiency 99% @ 5 microns. Sound Rating 75 DB @ 5'.

**Includes** 6' cord, 4 casters, two 4" to 3" adapters, 2 filters and wrench.

**Not to be used with surface grinders. Pre-wired 115V.**

Stk.	Mfr.	Volts	HP	Phase	Speed (sfpm)	Weight	Price
<b>486083</b>	JDC-501	115/230	1.5	1	5,610	157 lbs.	<b>WEB</b>

### Heat Resistance Hoses

#### J E T

Stk.	Mfr.	Max. Temp.	Size	Price
<b>486026</b>	414720	130°	3" dia x 8'	<b>WEB</b>
<b>486024</b>	414710	130°	4" dia x 8'	<b>WEB</b>
<b>486025</b>	414715	180°	4" dia x 8'	<b>WEB</b>
<b>486027</b>	414725	180°	3" dia x 8'	<b>WEB</b>

## MULTIPROCESS WELDERS



### Multimatic® 200 Multiprocess Welder

**Miller** Lightweight MIG, stick and TIG welder can go anywhere you need to weld. Welds material from 24-gauge to 3/8" thick. Auto-Set™ Elite can be used on multiple materials and multiple processes with the ability to fine tune your settings. Offers positive arc starts and an extremely stable arc with minimal spatter on

both mixed gases and straight CO<sub>2</sub>. The MVP™ plug allows you to connect to 120 or 230V receptacles without tools. Easy to set up and use.

Processes: MIG (GMAW), Flux-cored (FCAW), DC TIG (GTAW), DC stick (SMAW).

Weld Thickness: MIG: 24 ga. 3/8" steel, 18 ga. 3/8" aluminum, TIG: .020 3/16" steel, Stick: 16 ga. 3/8" steel.

Input 120 or 230V, 50/60 Hz, 1-phase.

Unit size 9.75"W x 17"D x 14.5"H. Weight 29 lbs.

**Includes** power cord with MVP plugs for 120 and 230V, 10' Q150 MIG gun, 13' cable with electrode holder and 25 mm Dinse-style connector, 10' work cable with clamp and 25 mm Dinse-style connector, flow gauge regulator and gas hose for argon and AR/CO<sub>2</sub> mix, 2 contact tips for .030" wire, 2 contact tips for .035" wire, drive roll for .024" or .030"/.035" solid wire, and .030"/.035" flux-cored wire and material thickness gauge.

Stk.	Mfr.	Volts	Phase	Price
<b>566430</b>	907-518	120/230	I	<b>WEB</b>
<b>567130</b>	951-649	120/230	I	<b>WEB</b>

**567130** Includes TIG Contractor Kit.



### Multimatic® 215 Multiprocess Welder

**Miller** Multiprocess capabilities allow for MIG, flux-cored, DC TIG and DC stick welding. Welds material from 24-gauge to 3/8" thick. Intuitive color LCD user interface makes it quick and easy to adjust parameters. Auto-Set™ Elite can be used on multiple materials and multiple processes

with the ability to fine tune your settings. The MVP™ plug allows you to connect to 120 or 240V receptacles without tools. Auto Spool Gun Detect™ automatically detects when a MIG gun or spool gun is connected.

Processes: MIG (GMAW), Flux-cored (FCAW), DC TIG (GTAW), DC stick (SMAW).

Weld Thickness: MIG: 24 ga. 3/8" steel, 18 ga. 3/8" aluminum, TIG: 24 ga. 1/4" steel, Stick: 16 ga. 3/8" steel.

Input: 120 or 230V, 50/60 Hz, 1-phase.

Unit size 11.25"W x 20.5"D x 12.45"H. Weight 38 lbs.

**Includes** 6.5' power cord with MVP plugs for 120V and 240V, 10' M-100 MIG gun and cable assembly, 13' cable electrode holder and 25 mm Dinse-style connector, 10' work cable with clamp and 25 mm Dinse-style connector, Argon and AR/CO<sub>2</sub> mix regulator/flow gauge with hose, spool of Hobart® .030" solid wire, 2 contact tips for .030" wire, drive roll for .024" or .030"/.035" solid wire, and .030"/.035" flux cored wire, material thickness gauge and hook-and-loop cord wraps.

Stk.	Mfr.	Volts	Phase	Price
<b>566458</b>	907-693	120/240	I	<b>WEB</b>
<b>567133</b>	951-674	120/240	I	<b>WEB</b>

**567133** Includes Contractor Kit.



### Multimatic® 220 Multiprocess Welder

**Miller** This all-in-one unit gives you the freedom to weld any process including MIG and Stick up to 3/8", or AC and DC TIG up to 1/4" within one portable, powerful, easy-to-use machine. The unit automatically determines polarity, switches to the right process, and recalls

settings from the previous session to make setup and workflow fast and easy.

Processes: Flux-Cored (FCAW), MIG (GMAW), Stick (SMAW), TIG (GTAW), TIG AC (GTAW-AC), TIG DC (GTAW-DC). Weld Thickness: MIG: 24 ga.-3/8" steel, 18 ga.-3/8" aluminum, AC/DC TIG: .024 ga.-1/4" steel and aluminum, DC Stick: 16 ga.-3/8" steel. Input Power: 120 or 240V, 50/60 Hz, 1-phase. Unit size 21.5"L x 11.25"W x 17.5"H. Weight: 56 lbs.

**Includes** 6.5' power cord and adapter plugs, welding gun, 13' cable electrode holder and 25 mm Dinse-style connector, 12.5' torch with 25 mm Dinse-style connector, foot control with 20' cord, 10' work cable with clamp and 25 mm Dinse-style connector, two argon and AR/CO<sub>2</sub> mix regulator/flow gauge with hoses, spool of wire, two contact tips for 0.8 mm wire, drive roll for 0.6 mm or 0.8/0.9 mm solid wire, and 0.8/0.9 mm flux cored wire, torch accessory kit, and hook-and-loop cord wraps.

Stk.	Mfr.	Price
<b>567036</b>	907-757	<b>WEB</b>



### Multimatic® 235 Multiprocess Welder

**Miller** Built for professionals in the manufacturing/fabrication, MRO and construction fabrication and education segments, the Multimatic 235 allows welders of all skill levels to be more efficient for all their MIG, flux-cored, stick and DC TIG welding needs. Setup is quick and easy, letting operators have faster up-time and weld with confidence.

Processes MIG (GMAW), Flux-cored (FCAW), DC stick (SMAW), Pulsed TIG (GTAW-P).

Input Power 240V, 1 Ph.

Rated Output MIG: 170 A at 22.5V, 60% duty cycle,

Stick: 150 A at 26V, 60% duty cycle,

TIG: 180 A at 17.2V, 60% duty cycle. Amperage Range 20-235 A.

**Includes** Power source with 7' power cord, 15' 50-amp MDX™-250 MIG gun with Bernard® AccuLock™ MDX consumables for .030/.03" wire, 10' cable with electrode holder and 50 mm Dinse-style connector, 10' work cable with clamp and 50 mm Dinse-style connector, flow gauge regulator and gas hose for argon or AR/CO<sub>2</sub> mix, extra contact tips, .030/.035" reversible drive rolls and material thickness gauge.

Stk.	Mfr.	Volts	Phase	Price
<b>567037</b>	907-780	240	I	<b>WEB</b>
<b>567143</b>	951-846	240	I	<b>WEB</b>

**567143** Includes EZ-Latch™ Running Gear.





### XMT 350® CC/CV Multiprocess Welder

**Miller** Portability and excellent arc performance make the XMT family the most popular in the industry. The XMT 350 CC/CV is the most popular model for its flexibility and simplicity. Auto-Line™ Power Management technology allows for any input voltage hookup (208-575 VAC, single- or three phase) with no manual linking. Adaptive Hot Start™ makes starting stick electrodes easy without creating an inclusion. Standard 14-pin receptacle has the flexibility to be used with spool guns, feeders and remote controls.

Input Power Auto-Line™, 208-575V, requires 3- or 1-phase power. Output Range 10-38V, 15-425 A. Weight 80 lbs.

#### Dinse Welder

Stk.	Mfr.	Price
<b>566397</b>	907-161	<b>WEB</b>

**20 Series Welder with MIG Runner Package Includes** Bernard BTB 300 Gun, 6' 2/0 wire feeder, 10' 2/0 work cable with clamp, .035-.045 reversible dual V drive rolls, regulator/flowmeter and 3' gas hose.

Stk.	Mfr.	Price
<b>567141</b>	951-786	<b>WEB</b>

## STICK WELDERS



### Maxstar® 161 S Stick Welder

**Miller** Provides maximum portability and performance in the most compact Stick package in the industry. Packs dependability and performance all in one machine. Welds steel and stainless steel. Separate 120 and 240 volt

power cords disconnect from the rear panel without tool. Superior stick arc performance even on the difficult-to-run electrodes like E6010. Miller's 3-year True Blue warranty.

Max open circuit voltage 48 VDC. Amperage range 120V: 20-90 A (DC), 240 V: 20-160 A (DC). Size 5.6"W x 10.3"H x 13.5"L. Weight 13 lbs.

**Stick Package Includes** welder, 6.5' primary cords for 120V and 240V, 13' stick electrode holder with 25 mm Dinse connector, 10' work clamp with 25 mm Dinse connector and adjustable handle/shoulder strap.

Stk.	Mfr.	Volts	Phase	Price
<b>566460</b>	907-709	120-240	1	<b>WEB</b>

**Stick Package with X-Case Includes** welder, 6.5' primary cords for 120V and 240V, 13' stick electrode holder with 25 mm Dinse connector, 10' work clamp with 25 mm Dinse connector, adjustable handle/shoulder strap and X-Case.

Stk.	Mfr.	Volts	Phase	Price
<b>566461</b>	907-709-001	120-240	1	<b>WEB</b>



### Thunderbolt® DC Stick Welder

**Miller** Powerful, lightweight portable welder allows you to work smarter not harder by bringing the welder to the work. It provides up to 85 more amps compared to leading competitive machines, which means you can weld thicker materials. Hot Start™ technology provides easy, quick and reliable arc start. Precise, accurate, infinite amperage control and heat output. Mfr.'s 3-year True Blue warranty.

**160 DC** Rated output: 65A @ 20% duty cycle, 240V: 160A @ 30% duty cycle. Amperage range: 20-80 A (120V), 20-160 A (240V). Unit size 7.125"W x 10.5"H x 13.375"L. Weight 15 lbs. **Includes** 10' #4 electrode cable with heavy-duty electrode holder, 10' work cable with clamp, 6.5' power cord with MVP plugs for 120V and 240V and cable pouch.

Stk.	Mfr.	Volts	Phase	Price
<b>566385</b>	907-721	120V/240	1	<b>WEB</b>

**210 DC** Rated output: 210A @ 20% duty cycle. Amperage range: 25-210 A (240V). Unit size 7.125"W x 10.5"H x 13.375"L. Weight 15.5 lbs. **Includes** 10' #4 electrode cable with heavy-duty electrode holder, 10' work cable with clamp, 6.5' power cord for 240V and cable pouch.

Stk.	Mfr.	Volts	Phase	Price
<b>566386</b>	907-722	240	1	<b>WEB</b>



### AC-225 Stick Welder 230V AC

**Lincoln** Compact stick welder produces an extremely smooth AC arc for welding carbon, low alloy and stainless steels, and cast iron. Easy-to-set amperage selector sets the current quickly and accurately, ensuring a consistent and uniform arc. Smooth arc makes it easy to weld with different electrodes, including mild steel,

low hydrogen, stainless steel and hard-facing electrodes. NEMA rated, UL listed and ULCSA approved.

Rated output: @ 20% duty cycle: 225 amps @ 25V. Output range: 40-225. Unit size 17.25"W x 12"D x 24"H. Weight 96 lbs.

**Includes** insulated electrode holder and cable, heavy-duty work clamp and cable, input cable with attached plug.

Stk.	Mfr.	Volts	Phase	Price
<b>503590</b>	K1170	230	1	<b>WEB</b>

### Arc Welder Wheel Kit

**Lincoln** For Arc Welder Models K1170 & K1297.

**Includes** axle, 2 wheels & assembly hardware.

Stk.	Mfr.	Price
<b>503500</b>	K761	<b>WEB</b>



### AC/DC-225/125, Constant Current Arc Welder

**Lincoln** Smooth, stable, and compact stick welder for carbon, low alloy and stainless steels, and cast iron. Easy-to-set amperage selector sets current quickly and accurately, ensuring consistent and uniform arc. Smooth arc makes it easy to weld with different electrodes, including mild steel, low hydrogen, stainless steel and

hard-facing electrodes. Rugged design handles the toughest applications.

Rated Output: @ 20% duty cycle: AC 225 amps @ 25V, DC 125 amps @ 25V. Output range: AC 40-225 (AC), 30-125 (DC). Unit size 24"H x 17-1/4"W x 12"D. Weight 114 lbs.

**Includes** insulated electrode holder and cable, heavy-duty work clamp and cable, input cable with attached plug.

Stk.	Mfr.	Volts	Phase	Price
<b>503600</b>	K1297	230	1	<b>WEB</b>



### CST™ 282 Stick/TIG Welder

**Miller** Designed for welding pipe and plate in the construction industry. This compact, 35 lb. welder goes anywhere, delivering 280 amps of superior Stick and TIG performance with Auto-Line™ Technology to utilize nearly any source of primary power on the jobsite.

Processes: Stick (SMAW), TIG (GTAW) Lift-Arc™.

Input Power 208–575V, 3- or 1-phase power.  
Amperage Range Stick: 30–280 A, TIG: 5–280 A Max.  
Open-Circuit Voltage 103VDC. Weight 34.6 lbs.

**Includes** 6' power cable.

Stk.	Mfr.	Item	Price
<b>566383</b>	907-770	Dinse	<b>WEB</b>
<b>566384</b>	907-810	Tweco	<b>WEB</b>



### Dinse-Style Connector

**Miller** Accepts #4 AWG to #1/0 cable size. Required if male plugs shipped with power source must be replaced or if additional plugs are needed. Kit includes one Dinse-style male plug which attaches to the work and/or weld cables and plugs into the Dinse-style receptacles on the power source.

Stk.	Mfr.	Price
<b>565910</b>	042-418	<b>WEB</b>



### Tweco-Style Connector

**Miller** Accepts #1/0 to #2/0 AWG cable size. Kit includes one Tweco-style male plug which attaches to the work and/or weld cables and plugs into the receptacle on the power source.

Stk.	Mfr.	Price
<b>565911</b>	191-981	<b>WEB</b>



### Weldcraft™ A-150 Valve TIG Torch

**Miller** This air-cooled torch is designed for maximum comfort in a variety of applications and is a cost-effective alternative to complex water-cooled systems. Diamond Grip™ head design has ergonomic contact points for thumb and fingers. Heavy-duty cable assembly allows use of a larger conductor for the power cable which simplifies repair and replacement making it ideal for field applications.

Rated output DC: 150 A, AC: 115 A. Duty cycle 60%.  
Electrode range .020-1/8".

**Includes** torch body, handle, power cable and long back cap.

Stk.	Mfr.	Size	Price
<b>566570</b>	WP-17V-12-2	12.5'L	<b>WEB</b>
<b>566571</b>	WP-17V-25-2	25'L	<b>WEB</b>

## TIG WELDERS



### Invertec® VI55-S TIG Welder

**Lincoln** The Invertec® VI55-S packs the full punch of a heavyweight professional at just under 15 lbs. The 120/230V auto reconnect operation can operate from a portable generator and plug into a 200' 230V extension cord.

SOFT and CRISP stick modes provide the right arc characteristics for different types of electrodes. Fan-As-Needed™ (F.A.N.™) reduces noise and dust inside the machine. Touch Start TIG® mode.

Rated output: @ 100% duty cycle (DC), 120V circuit: (Stick) 75 amps @ 23V, (TIG) 105 amps @ 14.2V, 230V circuit: (Stick) 105 amps @ 14.2V, (TIG) 130 amps @ 15.2V.  
Rated input 22.8 and 28.8 amps.

Output range: (DC) 5-155 amps. Unit size 6.2"W x 15.4"D x 11.3"H. Weight 14.7 lbs.

**Includes** stick electrode holder, cable and Twist Mate™ plug, work cable and clamp with Twist Mate™ plug, fully adjustable shoulder strap, 6.6' cord and extra plug.

Stk.	Mfr.	Volts	Phase	Price
<b>503678</b>	K2605-1	120/230	1	<b>WEB</b>



### Syncrowave® 210 TIG/MIG Spoolmate™ 150 Package

**Miller** The easy-to-use 210 TIG/MIG provides legacy arc performance that allows you to expand your capabilities with an all-in-one package. Low power draw inverter provides full welding output from 240V while drawing less than 30 amps. Fan-on-Demand™ allows fan to run up to 36% less to reduce the

amount of contaminants pulled through the machine. Miller's True Blue 3-year warranty.

Steel 0.020"-1/4", Aluminum 0.020"-1/4". Amperage Range: 5-210.

Rated output: @60% 120 A @ 15V.

Unit size 18.5"W x 31.5"H x 43"L. Weight 144.5 lbs.

**Includes** welder, 10' primary cord, 12' Dinse connector, 12' work cable with clamp and Dinse connector, 12' stick electrode holder with Dinse connector, HD remote foot control, regulator/flow gauge and gas hose, 4-pin to 14-pin connector, spool gun and quick reference guide.

Stk.	Mfr.	Volts	Phase	Price
<b>567135</b>	951-684	120-240V	1	<b>WEB</b>



### Diverson™ 180 TIG Welder

**Miller** Portable, easy-to-use AC/DC TIG machine designed specifically for aluminum and stainless steel welding in a variety of applications. Fan-On-Demand™ power source cooling system only operates when needed. High-frequency arc starting provides non-contact arc

initiation that reduces tungsten and material contamination. Auto-postflow adjusts the length of postflow time based on the amperage setting, shielding your tungsten and eliminating the need to set the postflow time. Mfr.'s 3-yr. warranty.

Rated Output: 150 Amps @ 16VDC, 20% duty cycle. Weight: 50 lbs.

**Includes** power source, 8' primary cord with 2 MVP plugs, 12.5' Weldcraft® WP-17 TIG torch w/backcap, ceramic gas cup, 3/32" collet & collet body, 2% ceriated tungsten, RFCS-RJ45 remote foot control, 12' work cable with clamp and regulator/flow gauge with hose.

Stk.	Mfr.	Volts	Phase	Price
<b>567031</b>	907-627	115/230	1	<b>WEB</b>



### Syncrowave® 300 Stick/TIG Welder

**Miller** For fabricators who need more TIG welding productivity and lower operating costs. Welder delivers more stable arcs and better arc-starting characteristics, making it easy for any welder to get more work done and do better work. Save up to 33% on energy costs versus outdated welding equipment. Intuitive user interface is simple to understand making it easy to adjust parameters.

Processes: TIG (GTAW), Stick (SMAW), DC pulsed TIG (GTAW-P). Input Power 208/240/480, 3-ph or 1-ph power. Amperage Range: 5–300 A. Max. Open-Circuit Voltage: 60 VDC. Rated Output 300 A at 22V, 30% duty cycle, 210 A at 18V, 60% duty cycle. Weight: 101 lbs. (machine only).

**Input power cord not included, sold separately.**

**Machine Only Includes** Syncrowave® 300

Stk.	Mfr.	Price
<b>566380</b>	907-782	<b>WEB</b>

**TIG Runner Package Includes** Syncrowave® 300, Running Gear, Coolmate™ 3S

Stk.	Mfr.	Price
<b>566381</b>	907-782-00-1	<b>WEB</b>

**Wired Foot Control Complete Package Includes** Syncrowave® 300, Running Gear, Weldcraft™ W-280 torch kit and accessories, Coolant (4 one-gallon bottles), remote foot control and receiver, Coolmate™ 3S.

Stk.	Mfr.	Price
<b>567144</b>	951-829	<b>WEB</b>

**Wireless Foot Control Complete Package Includes** Syncrowave® 300, Running Gear, Weldcraft™ W-280 torch kit and accessories, Coolant (4 one-gallon bottles), wireless foot control system, Coolmate™ 3S.

Stk.	Mfr.	Price
<b>567146</b>	951-872	<b>WEB</b>

## MIG WELDERS



### Power MIG® 256 Welder

**Lincoln** For light industrial job shop fabrication, maintenance or repair work.

- Diamond Core Technology™ delivers excellent out-of-position arc stability, low spatter & a wide voltage sweet spot for steel, stainless steel, aluminum

- Maxtrac® cast aluminum industrial wire drive features dual driven rolls, regulated wire feed speed control, brass-to-brass connections & 100% wire supporting split wire guide system
- Digital meters display preset voltage & wire feed speed
- Magnum® Pro gun & cable (15') makes it easy to reach work
- Copper Plus™ contact tips improve heat dissipation increasing tip life
- 115V auxiliary receptacle to power a grinder or other equipment
- Coil Claw™ cable management system keeps workstation organized
- Convenient top-mounted gun expendables tray
- All metal case front

Rated output: @ 40% duty cycle: 250 amps @ 26V. Output range: (DC) 30-300. Wire speed range 50-700 ipm. Unit size 31.8"H x 18.9"W x 38.8"D. Weight 245 lbs.

**Includes** Magnum® Pro 250L gun (& 15' quick-connect cable w/fixed gas nozzle assembly), expendables tray, built-in undercarriage w/easy-load gas cylinder platform, work clamp & 10' cable, drive roll & wire guide to feed .035"/.045" wire, gas regulator & hose kit for argon blend gases (for use w/ CO2 shielding gas, order a Lincoln Electric S19298 CO2 shielding gas bottle adapter) & large color coded procedure sheet.

Stk.	Mfr.	Volts	Phase	Price
<b>503700</b>	K3068-1	208/230	1	<b>WEB</b>



### MIG Handler® 140 Welder

**Hobart** Unit is ready to weld with or without shielding gas (no add'l. kit required). 25-140 amp output range easily handles a broad selection of solid mild steel or stainless, flux cored and aluminum wires. Welds 24 ga. up to 1/4" steel. 5-position tapped voltage control selector

allows fine tuning for a smooth, stable arc on all thicknesses.

- Industrial cast aluminum wire drive system
- Dual-groove quick change drive roll
- Convenient polarity changeover

Rated output: @ 20% duty cycle: 90 amps @ 18VDC, 63 amps @ 21VDC. Output range: (DC) 25-140. Wire speed range 40-700 ipm. Unit size 12-3/8"H x 10-5/8"W x 19-1/2"D. Weight 57 lbs.

**Includes** 10' H100S2-10 MIG welding gun, built-in gas valve, regulator & gas hose, power cord w/plug, 10' work cable w/clamp, sample spool of .030" self-shielded flux cored welding wire, 8" wire spool adapter & extra .030" contact tips.

Stk.	Mfr.	Volts	Phase	Price
<b>563230</b>	500-559	115	1	<b>WEB</b>



### Millermatic® 141 MIG Welder

**Miller** Can automatically select proper voltage and wire feed speed or manually set when welding aluminum, stainless steel, or other mild steels. Angled cast aluminum drive system with calibrated tension knob creates consistent feeding and easy setup for up to 15' MIG guns. Starts up smooth and spat-

ter-free. Two grooves for solid wire and one for flux-cored wire. Unit shuts down and activates high temp light if airflow is blocked or duty cycle exceeded.

Rated output: 90 Amps @ 18.5 VDC, 20% duty cycle. Wire Speed: 15 - 360 ipm. Unit size 20.5"L x 11.25"W x 12.5"H. Weight 51 lbs.

**Includes** 6.5' power cord with plug, 10' MIG welding gun, 10' work cable with clamp, gauge regulator with gas hose, .30" wire spool, drive rolls, flux-cored wire, 2 contact tips, material thickness gauge and hook-and-loop cord wraps.

Stk.	Mfr.	Volts	Phase	Price
<b>566455</b>	907-612	120	1	<b>WEB</b>

### Running Gear/Cylinder Rack

**Miller** Heavy-duty construction with 8" rubber rear wheels and ball bearing casters. Convenient front handles, cable hangers, lower shelf for storage and plastic consumable box. For gas cylinders no greater than 7" in diameter or 65 lbs. in weight. For use with Millermatic & Diversion Welders.

Size 37"L x 18"W x 36-1/4"H. Weight 35 lbs.

Stk.	Mfr.	Price
<b>566327</b>	301-239	<b>WEB</b>

### Contact Tips

**Miller** Replacement tip for solid or flux-cored welding wires. For use with all M-Series MIG guns.

Stk.	Mfr.	Size	Qty.	Price
<b>565750</b>	087-299	.023"	10	<b>WEB</b>
<b>565748</b>	000-067	.030"	10	<b>WEB</b>
<b>565749</b>	000-068	.035"	10	<b>WEB</b>

### Contact Tip Adapter

**Miller** Helps prevent galling, sticking and thread stripping. For use with M-10, M15, M100, M150 welding guns. Brass.

Stk.	Mfr.	Qty.	Price
<b>566273</b>	169-716	2	<b>WEB</b>

## 1/2" Flush Gun Nozzle

**Miller** For use with M-10, M15, M100 and M150 MIG guns.

Stk.	Mfr.	Size	Qty.	Price
<b>566270</b>	169-715	1/2"	1	<b>WEB</b>



## Millermatic® 211 MIG Welder

**Miller** Welds material from 24-gauge to 3/8" thick in a single pass. Advanced Auto-Set™ includes five different wire/gas combinations and .024, .030 and .035" wires. Auto Spool Gun Detect™ automatically detects when a MIG gun or spool gun is connected. Miller's True Blue 3-year warranty.

Weldable metals Steel, Stainless Steel, Aluminum.  
Rated output @ 40% duty cycle 150 amps @ 21 VDC.  
Amperage range 30 A - 230 A. Wire speed range 60-600 ipm.  
Unit size 11.25"W x 12.5"H x 20.5"L. Weight 38 lbs.

**Includes** 6.5' power cord, adapter plugs (120, 240V), 10' MIG gun and cable assembly, 10' work cable and clamp, Argon and AR/CO2 mix regulator/flow gauge with hose, .030" solid wire spool, 2 contact tips for .030" wire, drive roll for .024" or .030/.035" solid wire, and .030/.035" flux cored wire, material thickness gauge and cord wraps.

### Welder Only

Stk.	Mfr.	Volts	Phase	Price
<b>566457</b>	907-614	120/240V	1	<b>WEB</b>

### Welder with Running Gear/Cylinder Cart

Stk.	Mfr.	Volts	Phase	Price
<b>567129</b>	951-603	120/240V	1	<b>WEB</b>



## Millermatic® 252 MIG Welder

**Miller** Welds material from 22 ga. to 1/2"T in 1 pass. Very high output for welding longer on high-end applications. Large, digital front panel w/built-in digital timers menu for presetting voltage & wire feed speed (standard run-in, pre/postflow, burnback, spot/delay "stitch" timer menu). Auto Gun Detect™ allows operator to pull trigger on MIG gun, spool gun, or push/pull gun (automatically detects & recalls voltage, wire feed speed & timer of the active gun). Mfr.'s warranty: 3-yr. (parts/labor), 5-yr. (main power rectifier parts).

Rated output: @ 40% duty cycle: 250 amps @ 28VDC. @ 60% duty cycle: 200 amps @ 28VDC. Wire feed speed (IPM) 50 - 700 ipm.  
Unit size 30"H x 19"W x 40"D. Weight 194 lbs.

### Please specify voltage.

**252 Includes** 10' power cord, 15' 250-amp MDX™-250 MIG gun w/ Bernard® AccuLock™ MDX consumables for .030/.035" wire, 10' work cable and clamp, argon mix regulator/flow gauge and hose, extra contact tips, running gear with EZ-Change™ single low cylinder rack and .030/.035" reversible drive rolls.

Stk.	Mfr.	Volts	Phase	Price
<b>567010</b>	907-321	200/230	1	<b>WEB</b>
<b>567011</b>	907-322	230/460/575	1	<b>WEB</b>

**252 Spoolgun Aluminum Package Includes** Spoolmatic 30A 10' power cord, 15' 250-amp MDX™-250 MIG gun w/Bernard® AccuLock™ MDX consumables for .030/.035" wire, 2 argon mix regulator/flow gauges and one hose, 10' work cable and clamp, extra contact tips, EZ-Change™ dual cylinder rack and .030/.035" reversible drive rolls.

Stk.	Mfr.	Volts	Phase	Price
<b>567060</b>	951-066	200/230	1	<b>WEB</b>
<b>567059</b>	951-065	230/460/575	1	<b>WEB</b>

**567010 and 567060** Also includes plug (6-50P).

## 5/8" Flush Gun Nozzle

**Miller** For use with M-25 and M-40 MIG guns.

Stk.	Mfr.	Size	Qty.	Price
<b>566271</b>	169-726	5/8"	1	<b>WEB</b>



## Spoolmatic™ 30A Spool Gun

**Miller** Wire speed adjustment on the handle and reversible drive rolls save time and money. Quick-change, single-turn contact tip provides excellent performance and is easy to replace. Integrated spool canister rotates 180° for operator flexibility and comfort. 2-stage trigger with built-in gas valve allows for gas pre-flow and eliminates the need to purge long gas lines. Miller True Blue warranty. 200 amp @ 100% duty cycle. Wire speed: 70-875 ipm. Spool size: 4". Wire dia. capacity: .030-1/16" aluminum wire, hard wire .030 - .045".

**Includes** 30' 10-pin cable assembly.

Stk.	Mfr.	Price
<b>565968</b>	130-831	<b>WEB</b>

## Millermatic® 255 MIG Welder

**Miller** Capabilities include MIG, pulsed MIG and flux-cored welding. Built for professionals who want a smaller, versatile welder with intuitive setup to increase efficiencies and productivity. Auto-Line™ allows for any single-phase input voltage hookup (208-240V) with no manual linking. Easy-to-understand interface with 7" color LCD display ensures proper setup. Auto-Set™ Elite offers predefined weld settings for operators of all skill levels.



Processes: MIG (GMAW), Pulsed MIG (GMAW-P), Flux-cored (FCAW).  
Input: Auto-Line™ 208-240V, 1-phase.  
Rated Output: 230 A at 25.5V, 60% duty cycle.  
Amperage Range: 20-350 A. Wire speed range 50-800 ipm.  
Unit size 13.75"W x 26.25"D x 19.24"H. Weight 84 lbs.

**Includes** power source with 10' industrial power cord, 15' MDX™-250 MIG gun, consumables for .035"/.045" wire, 10' work cable with clamp and 50 mm Dinse-style connector, flow gauge regulator and gas hose for argon or AR/CO2 mix. .035"/.045" reversible drive rolls, contact tips and material thickness gauge.

Stk.	Mfr.	Volts	Phase	Price
<b>567035</b>	907-734	208/240	1	<b>WEB</b>
<b>567137</b>	951-766	208/240	1	<b>WEB</b>

**567137** Includes EZ-Latch Running Gear.

## WIRE FEEDERS

### 20 Series Wire Feeder



**Miller** Industrial design is ideal for most high-duty-cycle applications requiring day-in/day-out trouble-free operation. Motor ramp and burnback control provides excellent wire starting and stopping performance. Trigger Hold allows the operator to make long welds without having to hold the trigger continuously. Standard

14-pin connection, and each feeder includes a 15' Bernard Q300 MIG gun, plus a 10', 14-pin interconnecting cord.

Wire feed speed range 75 to 750 ipm.  
Electrode wire dia. capacity 0.035" 0.078".  
Unit size 12.375"W x 27.875"D x 16"H. Weight 46 lbs.

**Includes** gun, contact tips (three .035" and two .045") and .035"-.045" reversible dual V-drive rolls.

Stk.	Mfr.	Item Name	Volts	Amps	Price
<b>567138</b>	951-779	Basic	24	3.5	<b>WEB</b>
<b>567139</b>	951-780	Digital	24	3.5	<b>WEB</b>



## PLASMA CUTTERS



### AirForce® 27i Plasma Cutter

**Hobart** Plasma cutter with MVP™ (multi-voltage plug) technology can be used on 120V or 240V input power. Designed for increased comfort with an ergonomic trigger safety, more efficient cooling and economical replacement cutting tips. Clean cuts 3/8" steel. Wind Tunnel Technology™

prevents abrasive dust and particles from damaging internal components. Complete cutting capability when powered by an engine-driven welder/generator with 240V receptacle of 4 kW or more.

Rated Output 120V (15 A): 20 A @ 88 VDC, 60% duty cycle.  
120V (20 A): 27 A @ 92 VDC, 35% duty cycle.  
240V: 30 A @ 92 VDC, 40% duty cycle.

Size: 5.5"W x 9"H x 13.25"L Weight: 19 lbs.

**Includes** torch, 12' work cable with clamp, 10' power cord with plugs, filter and regulator, 2 tips, shield deflector, electrode and cable management.

Stk.	Mfr.	Volts	Phase	Price
<b>563238</b>	500-575	120/240	I	<b>WEB</b>



### Spectrum® 375 X-TREME™ Plasma Cutter

**Miller** Auto-Line circuitry automatically connects to 120 – 240 V, single-phase power, 50/60 Hz without removing the covers to relink the power source. Auto-Refire™ automatically controls the pilot arc when cutting expanded metal or multiple pieces of metal.

Complete cutting capability when powered by an engine-driven welder/generator. XT30 torch with an ergonomic handle. LED indicators for power, pressure, cup and temperature. LVC™ provides peak performance power under variable conditions.

Rated output: (DC): 20 amps @ 35% duty cycle.

Rated input: @ rated output: 20 amps @ 120V. 30 amps @ 240V.

Plasma gas flow/pressure 5.0 scfm @ 90 psi. Cut cap'y: 3/8" steel, 1/4" alum. Unit size 9"H x 5-1/2"W x 13-1/4"D. Weight 19 lbs. w/torch.

**Includes** torch with 12' cable, heavy-duty work clamp with 12' flexible cable, 10' power cord, MVP plugs, 2 electrodes, 2 tips, deflector, air fitting, X-CASE and shoulder strap.

Stk.	Mfr.	Volts	Phase	Price
<b>566435</b>	907-529	120/240	I	<b>WEB</b>

### Electrodes

**Miller** Replacement 25/27A Electrodes. 5/pkg.

Stk.	Mfr.	Price
<b>566278</b>	176-655	<b>WEB</b>

### Non-Shielded Tips

**Miller** Replacement 25/27A Tips. 5/pkg.

Stk.	Mfr.	Price
<b>566279</b>	176-656	<b>WEB</b>

### Shield Cup

**Miller** Replacement Shield Cup. 5/pkg.

Stk.	Mfr.	Price
<b>566296</b>	202-808	<b>WEB</b>



### Spectrum 625X Plasma Cutters

**Miller** Big cutting power in a small package. 40 Amps for 5/8" mild steel cutting. Auto-Line circuitry automatically connects to 120–240 VAC w/out making internal changes. MVP adapters allow connection to 120 or 240V receptacles w/out tools.

Auto postflow calculates optimum length of postflow time. Line voltage compensation provides peak performance for steady and cleaner ending cuts. Auto-Refire technology controls pilot arc when cutting expanded metal or multiple pieces. Automatic air regulation compensates for input pressure variation. LED indicators for power, pressure, cup and temperature. Heavy-duty work clamp w/flexible cable and quick connect. X-CASE provides ultimate protection.

Rated Output: 40 amps @ 140 VDC, 50% duty cycle. 27 amps @ 91 VDC, 20% duty cycle. Required Input Pressure/Flow 6 SCFM (170 L/min.) @ 90 PSI minimum, 120 PSI. Unit size 5.5"W x 13.25"D x 9"H. Weight 21 lbs.

**Includes** torch w/cable, complete set of consumables, heavy-duty work clamp and flexible cable w/quick connect, 12' power cord, MVP™ adapters and plugs, shoulder strap, consumables box w/2 electrodes, 3 tips, drag shield, deflector and air fitting and molded case.

### Cutter w/12' Cable

Stk.	Mfr.	Volts	Phase	Price
<b>566445</b>	907-579	120/240	I	<b>WEB</b>

### Cutter w/20' Cable

Stk.	Mfr.	Volts	Phase	Price
<b>566446</b>	907-579-00-1	120/240	I	<b>WEB</b>



### Cutmaster® A-Series Automated Plasma Cutting System

**Thermal Dynamics** The A-Series includes the SL100® SV 1Torch® with standard 25' (7.6 m) ATC Quick Disconnect. The 1Torch start technology eliminates the electronic interference that can occur with other designs.

1Torch provides quick, reliable starts and a strong pilot arc to pierce heavy plate. With auto-pilot restart, it can also cut expanded metal quickly and easily. With all the advantages of 1Torch and proven reliability, the automated A-Series delivers the best in productivity, precision and performance. A powerful 80% Duty Cycle to handle all-day production cutting in the toughest environments. CNC Interface connection is located on the rear of the power supply offering "Start/Stop", "OK to MOVE" and divided arc voltage. Software automatically detects the torch that is attached and switches between automation and manual modes. Dedicated automation software improves cycle time and performance in many applications.

Output Range: 30-80 Amps @ 80% DC, 100 Amps Max., Adjustable

**Includes** power supply, automation torch with 1-3/8" dia. (35 mm) non-metallic mounting tube/32 pitch rack (detachable), pinch block assembly, CNC interface cable, spare parts kit, input power cable, work cable and clamp.

Stk.	Mfr.	Volts	Phase	Price
<b>405801</b>	1-1334-1	208/230	I	<b>WEB</b>

## OXY-ACETYLENE WELDING KITS



### OxyFuel 250 Medium-duty Outfit

**Firepower** High performance, complete system that meets or exceeds industry standards. Optimized for 1/2" cut and 5/64" weld out of the box. Suitable for light to medium-duty fusion welding, braze welding, brazing, heating and hand cutting applications.

High performance 250 Series color coded regulators. Complete handle and cutting attachment optimized for multiple gases. Mfr.'s 2-yr. warranty.

**Includes** Oxygen/Acetylene 250 Series Regulators, 250 Series cutting attachment and handle, dual R-grade hose 3/16" x 12.5', #0 cutting tip, #0 welding nozzle, striker and protective eyewear.

Stk.	Mfr.	Welding Capacity	Cutting Capacity	Price
<b>405609</b>	0384-2571	1/2"	5"	<b>WEB</b>



### Shop Flame II Torch Kit

**Forney** Medium-duty oxygen/acetylene unit. Precision engineered and designed for trouble-free performance. Features built-in reverse flow check valves.

**Includes** oxygen regulator, acetylene regulator, welding torch handle, cutting attachment, universal

mixer, #1 cutting tip, #1 welding tip, check valves, striker, hose (3/16" x 20') & goggles.

Stk.	Mfr.	Welding Capacity	Cutting Capacity	Price
<b>409900</b>	1705	3/32"	3/4"	<b>WEB</b>



### Toughcut OXY-LP Medium Duty Cutting Propane Outfit

**Miller** The Toughcut series is perfect for a multitude of applications such as farm, ranch, hobby, automotive, refrigeration, light fabrication and repair. Features rugged, reliable Series 30™ medium-duty regulators and accessories.

**Includes** torch handle, cutting attachment, oxygen regulator, LPG regulator, cutting tip, 20' x 1/4" twin hose, friction lighter, regulator mount check valves and safety glasses.

Stk.	Mfr.	Welding Capacity	Cutting Capacity	Price
<b>567151</b>	MB54A-510LP	1/8"	2"	<b>WEB</b>



### Spring Retractable Gas Welding Hose Reel

**Reelcraft** TW Series spring retractable gas welding hose reel has an independent dual swivel body manufactured from aluminum and hard coated for wear resistance. This unique design assures positive separation of gases. The

double sealed, special molded O-rings prevent leakage. The swivel inlets are both permanently identified with machined grooves on the gas side to assure proper installation.

Hose I.D. 1/4", O.D. .530". Pressure 200 psi. Hose end 9/16"-18 (F). Inlet 1/4" NPT (F). Reel outlet 9/16"-18 (M). Max temp 150°F. Weight 50 lbs.

### Oxygen / Acetylene, Mapp, Propane, Natural and Fuel Gas

Stk.	Mfr.	Size	Price
<b>688451</b>	TW7450-OLPT	50'L	<b>WEB</b>

## ELECTRODE OVENS



### Welding Electrode Oven

**Keen** Oven is an excellent choice for small to medium-sized shops. Too large to be portable, yet light enough when empty to be moved by a single person. Solid steel construction for long product life and durability. Features rugged door handle, tackwelded door hinges, heavy-duty storage shelves and thermal wool for energy-efficiency. Hexagonal shelving produces better natural convection within the oven compared to flat shelving. Long-lasting Incoloy-sheathed tubular heating element. External dial-adjustable thermostat is standard equipment. USA made.

**K-200** Capacity 200 lbs., 18"L. Temp. range 150°- 300°F. Insulation 1" thermal wool. Interior 12.5" x 12.5" x 18.25". Weight 53 lbs.

Stk.	Mfr.	Watts	Volts	Price
<b>492010</b>	010301	500	120	<b>WEB</b>
<b>492011</b>	010303	500	240	<b>WEB</b>

**K-450** Capacity 450 lbs., 18"L. Temp. range 150°- 550°F. Insulation 2" thermal wool. Interior 19.5"D x 20". Weight 73 lbs.

Stk.	Mfr.	Watts	Volts	Price
<b>492020</b>	010402	1,000	120	<b>WEB</b>
<b>492021</b>	010401	1,000	240	<b>WEB</b>



### KT-15 Portable Welding Electrode Oven

**Keen** Lightweight and portable, oven protects electrodes when transferring from holding oven to job. Square shape makes them more stable and indicator light lets you know when they're on. Can operate at 120V or 240V with only cord cap modification. Meets electrical code requirements when used with grounding plug and receptacle. Always be sure to use approved components for proper voltage and amperage.

Interior Dimensions 3.3" x 19".

Electrode Capacity 15 lbs., 18" rods. Weight 13 lbs.

Stk.	Mfr.	Watts	Volts	Price
<b>492005</b>	010102	70	Dual 120/240	<b>WEB</b>

## WELDING SUPPLIES

### Soapstone & Holder

**Firepower** Chalk for marking metal. 5"L x 1/2"W x 3/16".

Stk.	Mfr.	Item	Price
<b>405630</b>	1423-0095	Soapstone, 6 pkg.	<b>WEB</b>
<b>405632</b>	1423-0097	Holder	<b>WEB</b>

### Gas Brazing Rods

**Firepower** 1/8" bronze rod for general brazing. Highest quality flux-coated low-fuming bronze.

Stk.	Mfr.	Item	Price
<b>405740</b>	1440-0430	36"L. 5 lbs.	<b>WEB</b>

### Oxy-Acetylene Rod Assortment

**Forney** For gas welding. 14/pkg. 18" length, 1 lb. Includes seven 3/32" rods & seven 1/16" rods.

Stk.	Mfr.	Item	Price
<b>942806</b>	48493	18"L. 1 lb.	<b>WEB</b>

### Gas Welding Rods

**Firepower** For gas welding. High strength mild steel with copper coating.

Stk.	Mfr.	Item	Price
<b>405741</b>	1440-0433	3/32" x 36"L. 10 lbs.	<b>WEB</b>

CLICK ON STK # FOR CURRENT PRICE

## All-purpose Brazing Flux

**Forney** For use with oxy-acetylene or arc torch, in the general brazing of steel, malleable iron, cast iron and galvanized metals. Also use when fusion welding copper, brass, bronze and other copper alloys. Cleanses the metal and readily dissolves any oxides that may be present or formed during brazing. Oxides form a low melting point, fusible slag, permitting the filler metal to flow freely and form a non-porous, oxide-free weld.

Stk.	Mfr.	Item	Price
<b>942870</b>	37250	8 oz.	<b>WEB</b>

## AWS Class E 6011 Arc Welding Electrodes

**Firepower** Mild steel type electrodes welds through rust, scale, oil and dirt. Use when unable to prepare the welding surface. Deep penetration. AC or DC reverse polarity. 60,000 psi tensile strength. All-position electrode.

Stk.	Mfr.	Rod	Qty.	Price
<b>405650</b>	1440-0096	5/32"	5 lbs.	<b>WEB</b>
<b>405652</b>	1440-0098	5/32"	50 lbs.	<b>WEB</b>
<b>405656</b>	1440-0106	1/8"	5 lbs.	<b>WEB</b>
<b>405658</b>	1440-0108	1/8"	50 lbs.	<b>WEB</b>
<b>405662</b>	1440-0116	3/32"	5 lbs.	<b>WEB</b>
<b>405664</b>	1440-0118	3/32"	50 lbs.	<b>WEB</b>

## AWS Class E 6013 Arc Welding Electrodes

**Firepower** Mild steel type electrodes designed for general purpose use. Best used w/clean or prepared welding surface. Medium to shallow penetration. AC or DC, either polarity. 60,000 psi tensile strength. All-position electrode.

Stk.	Mfr.	Rod	Qty.	Price
<b>405670</b>	1440-0125	5/32"	5 lbs.	<b>WEB</b>
<b>405672</b>	1440-0127	5/32"	50 lbs.	<b>WEB</b>
<b>405676</b>	1440-0135	1/8"	5 lbs.	<b>WEB</b>
<b>405678</b>	1440-0137	1/8"	50 lbs.	<b>WEB</b>
<b>405682</b>	1440-0146	3/32"	5 lbs.	<b>WEB</b>
<b>405684</b>	1440-0148	3/32"	50 lbs.	<b>WEB</b>

## AWS Class E 7014 Arc Welding Electrodes

**Firepower** Iron-powder type electrodes designed for high deposition (deposit) and high electrode travel speed. Best used w/clean or prepared welding surface. Medium to low penetration. AC or DC, either polarity. 70,000 psi tensile strength. All-position electrode.

Stk.	Mfr.	Rod	Qty.	Price
<b>405690</b>	1440-0151	5/32"	5 lbs.	<b>WEB</b>
<b>405692</b>	1440-0153	5/32"	50 lbs.	<b>WEB</b>
<b>405700</b>	1440-0201	1/8"	5 lbs.	<b>WEB</b>
<b>405702</b>	1440-0203	1/8"	50 lbs.	<b>WEB</b>
<b>405706</b>	1440-0206	3/32"	5 lbs.	<b>WEB</b>
<b>405708</b>	1440-0208	3/32"	50 lbs.	<b>WEB</b>

## AWS Class E 7018 Arc Welding Electrodes

**Firepower** Low-hydrogen type electrodes designed to produce X-ray quality welds. Best used w/clean or prepared welding surface. Medium penetration. AC or DC, either polarity. 70,000 psi tensile strength. All-position electrode.

Stk.	Mfr.	Rod	Qty.	Price
<b>405696</b>	1440-0186	1/8"	5 lbs.	<b>WEB</b>
<b>405697</b>	1440-0188	1/8"	50 lbs.	<b>WEB</b>



## MIG Welding Wire

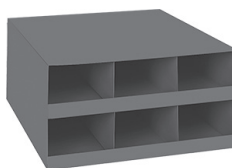
**Firepower** Best used with clean or prepared welding surface. Requires a shielding gas. DC reverse polarity.

**Premium AWS Class ER 70S-6 Solid MIG Welding Wire** For general purpose MIG welding on mild steel.

Stk.	Mfr.	Wire Size	Spool Size	Price
<b>405711</b>	1440-0215	.030"	2 lbs.	<b>WEB</b>
<b>405712</b>	1440-0216	.030"	11 lbs.	<b>WEB</b>
<b>405713</b>	1440-0217	.030"	33 lbs.	<b>WEB</b>
<b>405715</b>	1440-0220	.035"	2 lbs.	<b>WEB</b>
<b>405716</b>	1440-0221	.035"	11 lbs.	<b>WEB</b>
<b>405717</b>	1440-0222	.035"	33 lbs.	<b>WEB</b>

**Premium AWS Class ER 5356 Aluminum Welding Wire** For aluminum MIG welding.

Stk.	Mfr.	Wire Size	Spool Size	Price
<b>405720</b>	1440-0240	.030"	1 lb.	<b>WEB</b>
<b>405721</b>	1440-0241	.035"	1 lb.	<b>WEB</b>



## Welding Rod Rack

**Durham** All steel construction with 6 compartments (ea. 5-1/4"W x 18-3/8"D x 4"H). Holds welding rod up to 18" long. Ships assembled. Durable gray powder coat finish.

Stk.	Mfr.	Overall Size	Price
<b>345100</b>	921-95	16-1/8"W x 18-1/2"D x 8-1/8"H	<b>WEB</b>



## Welding Rod Storage Tube

**Tweco** Weld rod storage tubes provide great storage for all your welding electrodes, rods and filler metals. Chloride-free and features a threaded cap with long lasting neoprene seal to keep electrodes airtight-preventing them from being contaminated with atmospheric moisture. Holds up to 10 lbs. of 12" or 14" electrodes.

Stk.	Mfr.	Price
<b>405623</b>	1421-0062	<b>WEB</b>



## 129-Piece Unitized First Aid Kit

**First Aid Only** With enough materials to serve 50 people, this first aid kit has a carrying handle and can be wall mounted.

**Includes** CPR face shield, scissors, first aid tape, first aid guide, hand sanitizer packets, adhesive fabric bandages, fingertip bandages, knuckle fabric bandages, antibiotic ointment packets, infection control wipes, antiseptic towelettes, first aid/burn cream packets, burn dressing, hydrocortisone anti-itch packets, sting relief wipes, cold pack, nitrile exam gloves, sterile gauze pads, triangular bandage, eyewash, trauma pad and conforming gauze rolls.

Stk.	Mfr.	Persons	Pieces	Price
<b>189148</b>	90600	50	129	<b>WEB</b>



## Fire/First Aid Blanket

**Steiner** Durable gray wool blanket can be used to smother flames and cover injured victims. Blanket stores in a bright red Fyr-Glo™, weather-resistant nylon pouch. Heavy duty carrying handle is attached to tote pouch.

**Meets 16 CFR Part 1610 standard for flame retardant use.**

Stk.	Mfr.	Size	Price
<b>884885</b>	BTPCO	5' 2" x 6' 8"	<b>WEB</b>



### Fire Blanket with Cabinet

**Sellstrom** White fiberglass, heat-resistant blanket to cover the fire, or to wrap around a person whose clothes are on fire. Protects for excursion temperatures to 1000°F. Chemical resistant red steel cabinet is wall-mountable (15"H x 15"W x 2"D) and designed to protect blanket from common exposure.

Stk.	Mfr.	Size	Price
<b>772740</b>	S97457	5' x 6'	<b>WEB</b>

## WELDING TOOLS



### Weld Cleaning Tools

For fast, clean slag removal. Hammer heads are high carbon steel w/flat chisel. Wide blade prolongs tool life.

### Chipping Hammer w/Brush

Stk.	Mfr.	Item	Weight	Length	Price
<b>409950</b>	70500		1.3 lbs.	12"	<b>WEB</b>
<b>969323</b>	44070	Brush Refill			<b>WEB</b>

### Straight Head Chipping Hammer

Stk.	Mfr.	Item	Weight	Length	Price
<b>409960</b>	70600	Shockproof Handle	1 lb.	10-1/2"	<b>WEB</b>
<b>409965</b>	70610	Wooden Handle	9 lb.	10-1/2"	<b>WEB</b>



### Dominator Weld Wakker™

**Mayhew** Break apart spot welds or bonded panels. Strikeable handle end cap & side edge of tool. 1" blade w/black oxide finish. Soft-grip handle.

Stk.	Mfr.	Item	Price
<b>528640</b>	42020	12-1/4"L.	<b>WEB</b>



### Tip Cleaner Kit

**Best Welds** Light and easy to use. Fits all tip sizes. Includes file & 13 sizes (6-26).

Stk.	Mfr.	Price
<b>942804</b>	STC	<b>WEB</b>



### Flat File Flint Lighter

**Shurlite** Constructed using a round cup design. Allows user to replace the flint when necessary.

Stk.	Mfr.	Price
<b>795098</b>	1501	<b>WEB</b>



### Universal Round File Flint Lighter

**Shurlite** Features large square hood for trapping flammable gases for easy ignition. Wire frame is made from a specialty steel which retains it's springiness over the life of the lighter.

Stk.	Mfr.	Price
<b>795100</b>	3001	<b>WEB</b>



### Universal Single Flint Renewals

**Shurlite** Flint Renewals for Stk. **795100** and **795098**. 5/pkg.

Stk.	Mfr.	Price
<b>795102</b>	3011X	<b>WEB</b>



### Tri-flint Lighter

**Shurlite** Made of heavy-duty steel band w/3 flints attached. Triangular design provides 3x the use before renewing flints. USA made.

Stk.	Mfr.	Item	Price
<b>795110</b>	4501		<b>WEB</b>
<b>795115</b>	5012X	Tri-Flint Renewal, 4/pkg	<b>WEB</b>



### Electrode Holder

**Forney** Heavy-duty 300 Amp electrode holder for most arc welding jobs. Accommodates rods up to 3/16" diameter. Will accept up to #2 welding cable. 10-1/2" length.

Stk.	Mfr.	Price
<b>942895</b>	56200	<b>WEB</b>



### Steel Ground Clamp

**Forney** Good positive connection clamp with 1-3/4" wide jaw opening. 300 Amps, #2 cable capacity, 8" length.

Stk.	Mfr.	Price
<b>942896</b>	54410	<b>WEB</b>



### Welding Positioner

**Greene** 42" high, for out of position welding. Use with arc & gas welding. All welded construction. Black color.

Stk.	Mfr.	Item	Price
<b>433615</b>	GWP-1	For Grouted Tables	<b>WEB</b>
<b>433624</b>	GWP-2	For Grate-Top Tables	<b>WEB</b>



### Weld Tester

**Greene** Loads and deforms weld samples in a controlled manner with 8,000 psi applied pressure. Heavy steel construction with a plexiglass safety deflection guard. 1" bending rollers and 1" solid steel bending pin create a 2-1/4" bending radius. Color Safety Green.

Test samples up to 5/8"T x 2"W x 10"L. 6" stroke distance. Overall size 6"W x 8"D X 12-1/2"H.

Stk.	Mfr.	Price
<b>433797</b>	GBT-9000.G	<b>WEB</b>



### Pneumatic Weld Bend Tester

**Fischer** Portable weld bend tester is intended for applications where the material and thickness to be bent are usually the same. While this model is not adjustable for different radii, it can be converted by interchanging additional parts. Integral hydraulic system, single bend radius for economy. Convertible from 1/4" up to 1-3/4" bend radii.

Size 11"W x 6"D x 20"H (Bender), 5.6"W x 14.7"D x 5.7"H (Pump). Weight 42 lbs.

**Includes** 1.5" outside dia. mandrel and adapter.

Stk.	Mfr.	Price
<b>405900</b>	BTIC	<b>WEB</b>





### Fillet Weld Tester

**Fischer** 25-ton, hydraulic H-frame press will perform qualification and process control testing of typical fillet-welded "T" joints made from 1/2" maximum thickness hot rolled low-carbon steel. The specimens to be tested must have dimensions in accordance with one of the following codes or standards: AWS D1.1, ASME Section IX, or AWS B2.1.

Specimen capacity 1/2"T max., 4-6"L.  
Compression force 50,000 lbs. max. Ram travel 6" max.  
Air pressure 90-120 psi @ 9 cfm for pneumatic operation.  
Size 37"W x 28"D x 72"H. Weight 500 lbs.

**Includes** 6" stroke cylinder w/spring return, air & hand powered hydraulic pump, pressure gauge & flip-up safety shield to protect the operator (not shown).

Stk.	Mfr.	Price
<b>405904</b>	FWT1-AH	<b>WEB</b>



### Cylinder Trucks

**Harper** Continuous handle model safely transports a 7-1/2" oxygen & 9-1/4" acetylene cylinder combination. Semi-pneumatic rubber tires w/smooth operating ball bearings.

Bracket chain 24"H. Base plate 9" x 18".  
Overall size 22-3/4"W x 39-1/2"H.

**Includes** tool box.

Stk.	Mfr.	Item	Price
<b>618710</b>	150-15	10" dia. tires	<b>WEB</b>
<b>618711</b>	150-25	12" dia. tires	<b>WEB</b>



### Multipurpose Magnetic Holding Clamp

**General** For holding ferrous metals at fixed angles for clamping or welding application. Permanent ceramic magnet will not lose magnetism & is held between 2 steel plates for added strength. Unique design provides fixed 90°, 75°, 45° & 30° angles. Painted surface prevents rust Ideal for industrial applications.

Stk.	Mfr.	Price
<b>418610</b>	377	<b>WEB</b>



### Magnetic Holding Clamps

**Forney** Multi-purpose magnet holds sheets & tubes at 45°, 90° & 135° angles freeing up welder's hands. 1" thick.

Stk.	Mfr.	Size	Price
<b>409980</b>	70715	4-3/16"H x 7-1/2"W	<b>WEB</b>
<b>409981</b>	70716	3-1/4"H x 4-3/4"W	<b>WEB</b>



### Mini Magnetic Support Jigs

**Performance Tool** Heavy duty magnets hold up to 9 lbs. of material each at 45°, 90° and 135° angles for maximum versatility.

Stk.	Mfr.	Size	Qty.	Price
<b>976585</b>	W41294	7.5" x 5.6" x .70"	4	<b>WEB</b>



### The Original™ Locking Sheet Metal Tool

**Vise-Grip** Locks on with a powerful grip. The tool makes all kinds of bending, forming and crimping jobs easier and faster. Nickel-plated, heat-treated alloy steel clamp has micro-adjustment screw mechanism.

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>619201</b>	8R	8"	3-1/8"	<b>WEB</b>



### Locking Sheet Metal Clamp

**Crescent** Rust resistant, nickel-plated finish. Maximum jaw opening meets ASME standards. Precisely machined ferrule for fine jaw adjustment. Compound action for powerful non-slip locking grip.

Stk.	Mfr.	Length	Jaw Capacity	Price
<b>310636</b>	C8SMVN	8"	3/4"	<b>WEB</b>



### Locking Panel Clamp

**Vise-Grip** Designed to move in a straight-line motion to allow more access to work area for quick clamping and alignment of auto body panels. Ideally suited for automotive and welding applications.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>619495</b>	9AC	7"	3/8"	7/32"	<b>WEB</b>



### The Original™ Locking C-Clamps

**Vise-Grip** Powerful locking mechanism. Jaws open wide. Guarded release helps keep work fast and safe. Adjusting screw gives exacting pressure. Locks work with the squeeze of 1 hand. Tough high-grade, heat-treated alloy steel.

### Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>619070</b>	6R	6"	2-1/8"	1-1/2"	<b>WEB</b>
<b>619402</b>	11R	11"	4"	2-5/8"	<b>WEB</b>
<b>619455</b>	18R	18"	8"	9-1/2"	<b>WEB</b>
<b>619492</b>	18DR	18"	7-1/2"	9-1/2"	<b>WEB</b>

### Swivel Pads

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>618996</b>	4SP	4"	1-5/8"	1-1/4"	<b>WEB</b>
<b>619075</b>	6SP	6"	2-1/8"	1-1/2"	<b>WEB</b>
<b>619408</b>	11SP	11"	4"	2-5/8"	<b>WEB</b>
<b>619460</b>	18SP	18"	8"	9-1/2"	<b>WEB</b>



### The Original™ Locking Welding Clamp

**Vise-Grip** U-shaped for visibility & working space. Holds work in proper alignment.

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>619268</b>	9R	9"	1-5/8"	2-3/4"	<b>WEB</b>

310632

310637



### Locking C-Clamps

**Crescent** Rust resistant, nickel-plated finish. Maximum jaw opening meets ASME standards.

Precisely machined ferrule for fine jaw adjustment. Powerful, non-slip compound locking grip allows easy positioning of workpiece.

### Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>310632</b>	C6CCVN	6"	2"	1-5/8"	<b>WEB</b>
<b>310634</b>	CI1CCVN	11"	4"	3-1/16"	<b>WEB</b>

### Swivel Pads

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>310633</b>	C6CCSVN	6"	2-1/8"	1-1/2"	<b>WEB</b>
<b>310635</b>	CI1CCSVN	11"	4"	2-3/4"	<b>WEB</b>

### Welding Clamp w/Regular Tips

Stk.	Mfr.	Length	Max. Opening	Throat	Price
<b>310637</b>	C9WN	9"	1-1/2"	2-5/16"	<b>WEB</b>



### Welder's Pliers

**CHAN NEL LOCK** Grips and draws out wire.

Spring-loaded groove nose design for superior spatter removal. Precision machined, laser heat treated cutting edge. Easy installation and removal of tips, bushings and nozzles.

Stk.	Mfr.	Length	Price
<b>301452</b>	360	9"	<b>WEB</b>



### MIG Welding Pliers

**Vise-Grip** Perfect for welding service applications, including spatter removal, wire cutting, drawing wire and removing or installing nozzles

or contact tips. Wire cutter has a durable induction-hardened cutting edge. Small hammer is built into the tool, for light maintenance of welding guns. Pliers are spring-loaded, simple to use and have dipped grips for added comfort.

Stk.	Mfr.	Length	Price
<b>619310</b>	1873303	8"	<b>WEB</b>

## PROTECTIVE EYEWEAR



### Welding Handshields

**Sellstrom** Designed for comfort and safety when used in either hand. Cover cap included for the unused hand hold opening to protect from sparks and infrared radiation. Offers quick filter plate replacement.

**Includes** 2" x 4-1/4", shade 10 and clear cover plates.

**Meets ANSI Z87.1-2003 standard.**

Stk.	Mfr.	Lens	Price
<b>772536</b>	S25000-10	Shade 10	<b>WEB</b>



### X35™ Series

**Sellstrom** Uniquely designed flip-up lens glasses for soldering, brazing and cutting operations. Features adjustable temples. Anti-scratch UV absorbing polycarbonate lens provides out-

standing impact strength and optical clarity for rugged industrial protection.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772741</b>	S72903	Black	3	1	<b>WEB</b>
<b>772742</b>	S72905	Black	5	1	<b>WEB</b>



### B5™

**Sellstrom** High-impact, adjustable frame. Clear anti-scratch UV-absorbing polycarbonate lens provide optical clarity for industrial work. For indoor/outdoor work in low light. Shade 5 IR for welding, medium to heavy torch soldering, brazing and cutting operations.

**Meets ANSI Z87.1+ standards. Provides 99.9% UV protection.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>772498</b>	S74701	Black	Clear	1	<b>WEB</b>
<b>772499</b>	S74751	Black	Shade 5 IR	1	<b>WEB</b>



### Shade 5 Protective Eyewear

**Miller** Shade 5 IR lenses offer protection for cutting, brazing or soldering applications. Soft foam protection keeps dust and perspiration

from the eyes. Wrap-around design with flexible temples, anti-fog coating, shatterproof polycarbonate lenses and rubber ear pads.

**Meets ANSI Z87.1+ standard.**

Stk.	Mfr.	Frame	Lens	Qty.	Price
<b>566244</b>	235-658	Black	Shade 5	1	<b>WEB</b>



### Odyssey® II Shade 5 Cutting Goggles

**Sellstrom** Ultra comfortable, soft black goggle body with soft flange on top/bottom for a secure, snug seal. Indirect vents on top/bottom protecting against liquids and dust while permit-

ting indirect ventilation. Easy-adjust cloth flame-retardant strap. Extra-wide peripheral vision. Fits over prescription eyewear.

**Meets ANSI Z87.1-2003 standard.**

Stk.	Mfr.	Vent	Lens	Price
<b>772729</b>	S80211	Indirect	Shade 5	<b>WEB</b>



### Lift front Plate Goggles

**Sellstrom** Flexible green PVC welding goggle with a hinged lift front for easy viewing of work. Replaceable 2" x 4-1/4" lift front lens. Uses standard size filter, cover, impact and magnifier plates.

**Meets ANSI Z87.1-2003 standard.**

Stk.	Mfr.	Vent	Lens	Price
<b>772633</b>	S85550X	Direct	Shade 5	<b>WEB</b>



### Plate Goggles

**Sellstrom** A tough, flexible green PVC goggle with good ventilation and a light-tight fit. Replaceable 2" x 4-1/4" lens. Uses standard size filter, cover, impact & magnifier plates.

Stk.	Mfr.	Vent	Lens	Qty.	Price
<b>772639</b>	S85450X	Direct	Shade 5	1	<b>WEB</b>



### Bionic® Full Faceshield

**UVEX** Tough, lightweight and balanced for all-day comfort. Highly adjustable, easily replaceable visor. Provides built-in chin protection and extended top-of-head coverage against chemical splash, welding, infrared radiation and airborne debris. Breathable, removable, washable headband. No metal parts. Clear uncoated visor.

**Meets ANSI Z87.1+ standards.**

Stk.	Mfr.	Price
<b>475120</b>	S8500	<b>WEB</b>



#### DP4 Face Shield with Flip-up IR Window

**Sellstrom** Face shield features a spring mounted flip-up/flip-down IR window (4.375" x 9.25" x .070") for uninterrupted face protection during cutting and grinding operations. Molded polycarbonate anti-fog window (9" x 12.125" x 0.060") meets high impact standards and is chemical resistant. Ratcheting headgear for comfort and convenience.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Price
<b>772643</b>	S32151	<b>WEB</b>



#### 380 Series Premium Dual Crown Face Shield with Chin Guard

**Sellstrom** "Crown and chin" combination offers an exclusive extra-wide side window, as well as over-sized crown and chin guards. Curved shield provides protection from splash, chemical splash, particles and flying debris. Acetate windows are chemical and scratch resistant. Windows attach using exclusive Sellstrom patterned pin mount design. Adjustable ratchet headgear suspension for a custom fit at the turn of the knob.

Windows attach using exclusive Sellstrom patterned pin mount design. Adjustable ratchet headgear suspension for a custom fit at the turn of the knob.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
<b>772595</b>	S38110	Clear	6-1/2" x 19-1/2" x 0.040"	<b>WEB</b>



#### 380 Series Replacement Window

**Sellstrom** Premium acetate window is chemical and scratch resistant. Fits 380 Series Single Crown Headgear with Chin Guard.

Stk.	Mfr.	Window	Size	Price
<b>772593</b>	S36000	Clear	6-1/2" x 19-1/2" x 0.040"	<b>WEB</b>



#### 301 Series Advantage™ Single Crown Ratcheting Headgear with Face Shield

**Sellstrom** Durable aluminum-bound clear polycarbonate face shield with universal mount windows. Comfortable, ratchet headgear with ABS crown.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
<b>772730</b>	S30110	Clear	8-1/2" x 15-1/2" x .040"	<b>WEB</b>



#### Universal Faceshield Replacement Window

**Sellstrom** Acetate window is chemical and scratch resistant, eliminating additional hard coat treatments. Universal hole mounting patterns are designed to fit on Sellstrom's 301 Series crowns as well as many other common brands.

Meets ANSI Z87.1+ High Impact standards and CSA Z94.3 standards.

Stk.	Mfr.	Window	Size	Price
<b>772731</b>	S37600	Clear, Aluminum-Bound	8" x 15-1/2" x .040"	<b>WEB</b>
<b>772495</b>	S37050	IR Shade 5	8" x 16" x .060"	<b>WEB</b>



#### 390 Series Premium Single Crown Pin-Lock Headgear

**Sellstrom** Extra-large high impact crown provides excellent above-the-head coverage. Window (sold separately) attaches using exclusive Sellstrom patterned pin mount design.

Stk.	Mfr.	Price
<b>772644</b>	S39000	<b>WEB</b>



#### 390 Series Premium Single Crown Pin-Lock Headgear with Face Shield

**Sellstrom** Extra-large high impact crown provides excellent above-the-head coverage. Curved shield provides protection from splash, chemical splash, particles and flying debris. Acetate windows are chemical and scratch resistant. Windows attach using exclusive Sellstrom patterned pin mount design.

Stk.	Mfr.	Window	Size	Price
<b>772641</b>	S39010	Clear	8" x 12"	<b>WEB</b>



#### 390 Series Premium Single Crown Ratcheting Headgear

**Sellstrom** Extra-large high impact crown provides excellent above-the-head coverage. Window (sold separately) attaches using exclusive Sellstrom patterned pin mount design. Adjustable ratchet headgear suspension for a custom fit at the turn of the knob.

Stk.	Mfr.	Price
<b>772596</b>	S39100	<b>WEB</b>



#### 390 Series Premium Single Crown Ratcheting Headgear with Face Shield

**Sellstrom** Extra-large high impact crown provides excellent above-the-head coverage. Curved shield provides protection from splash, chemical splash, particles and flying debris. Acetate windows are chemical and scratch resistant. Windows attach using exclusive Sellstrom patterned pin mount design. Adjustable ratchet headgear suspension for a custom fit at the turn of the knob.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
<b>772575</b>	S39140	Sta-Clear™ Anti-Fog	8" x 12"	<b>WEB</b>
<b>772576</b>	S39150	Shade 5 IR	8" x 12"	<b>WEB</b>
<b>772598</b>	S39110	Clear	8" x 12"	<b>WEB</b>



#### 390 Series Replacement Window

**Sellstrom** Premium acetate window is chemical and scratch resistant. Windows attach using exclusive Sellstrom patterned pin mount design. Fits 390 Series Single Crown Headgear.

Meets ANSI Z87.1-2003 standard.

Stk.	Mfr.	Window	Size	Price
<b>772590</b>	S35000	Clear	8" x 12" x .040"	<b>WEB</b>
<b>772591</b>	S35040	Sta-Clear Anti-Fog	8" x 12" x .040"	<b>WEB</b>
<b>772592</b>	S35020	Dark Green	8" x 12" x .040"	<b>WEB</b>
<b>772594</b>	S35050	Shade 5 IR	8" x 12" x .060"	<b>WEB</b>

772592|Not for use as IR protection.

## WELDING HELMETS



#### Advantage Series Auto-Darkening Welding Helmet

**Sellstrom** Solar-powered helmet with excellent neck and head protection. Lightweight design ideal for extended use. Designed for use with a cartridge respirator. Features 2 independent arc sensors and 3-position sensitivity and delay controls. Easy auto-darkening filter and cover plate changes. Comfortable push and twist adjustment allows custom fit.

Meets ANSI Z87.1 and CSA certified to CAN/CSA Z94.3 standards.

Stk.	Mfr.	Style	View Area	Price
<b>772786</b>	S26100	Fixed	3.54" x 1.57"	<b>WEB</b>





### Advantage Plus Auto-Darkening Welding Helmet

**Sellstrom** Solar and battery-operated helmet with excellent neck and head protection. Lightweight design for extended use. Wide viewing area ideal for difficult work areas. Designed for use with cartridge respirator. Features 4 arc

sensors and adjustable sensitivity and delay controls. Easy auto-darkening filter and cover plate changes. All controls are internal for maximum protection. Low battery warning and grind mode/grinding warning.

**Meets ANSI Z87.1 and CSA certified to CAN/CSA Z94.**

Stk.	Mfr.	Style	View Area	Price
<b>772787</b>	S26200	Fixed	3.94" x 2.36"	<b>WEB</b>



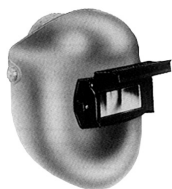
### Premium Series Auto-Darkening Welding Helmet

**Sellstrom** Features state of the art Blue Lens technology for true color vision and better welds. Full digital shade, sensitivity, delay, and weld/grind control. Memory function saves custom settings. Lightweight design ideal for ex-

tended use with excellent neck and head protection. Designed for use with a cartridge respirator. Features 4 arc sensors. Easy auto-darkening filter and cover plate changes. All controls are internal for maximum protection. Low battery and grind mode/grinding warning. Solar and battery operated.

**Meets ANSI Z87.1 and CSA certified to CAN/CSA Z94.3 standards.**

Stk.	Mfr.	Style	View Area	Price
<b>772788</b>	S26400	Fixed	3.94" x 3.28"	<b>WEB</b>



### 280 Traditional Style Series, Super Kool Helmet

**Sellstrom** Lightweight, silver-coated nylon helmet is 30% cooler. Sheds spatter without burning. Features Sel-Snap™ retention system and uses standard size filter, cover, impact and magnifier plates. Drop down ratchet headgear.

**Requires lens, sold separately. Meets ANSI Z87.1-2003 standard.**

Stk.	Mfr.	Style	View Area	Price
<b>772574</b>	S28311	Lift Front	2" x 4-1/4"	<b>WEB</b>



### 290 Super Slim Style Series

**Sellstrom** Lightweight, silver-coated nylon helmet. Sheds spatter without burning. Features Sel-Snap™ retention system and uses standard size filter, cover, impact and magnifier plates. Drop down ratchet headgear.

**Requires lens, sold separately. Meets ANSI Z87.1-2003 standard.**

Stk.	Mfr.	Style	View Area	Price
<b>772580</b>	S29311	Lift Front	2" x 4-1/4"	<b>WEB</b>
<b>772582</b>	S29511	Fixed Front	2" x 4-1/4"	<b>WEB</b>
<b>772606</b>	S29911	Fixed Front	4-1/2" x 5-1/4"	<b>WEB</b>



### Super Tuff Black Nylon Helmet

**Sellstrom** State-of-the-art performance in a traditional style helmet. Features Sel-Snap™ retention system and uses standard size filter, cover, impact and magnifier plates. Drop down ratchet headgear.

**Requires lens, sold separately. Meets ANSI Z87.1-2003 standard.**

Stk.	Mfr.	Style	View Area	Price
<b>772609</b>	S28501	Fixed Front	2" x 4-1/4"	<b>WEB</b>



### Easy Weld ADF Welding Helmet

**Forney** Features easy-to-use controls, so you don't have to worry about learning complicated instructions before you start welding. Lightweight, impact resistant, fireproof shell for increased comfort and protection. Solar cells with non-replaceable 3V lithium batteries (CR2032) and automatic on/off technology.

**Meets ANSI Z87.1-2003 standard, and exceeds all related CE standards (DIN and ISO).**

Stk.	Mfr.	Style	View Area	Price
<b>409927</b>	55731	Fixed	3.62" x 1.65"	<b>WEB</b>



### MP-10™ Series Welding Helmet

**Miller** The welding helmet for the value-minded welder. Features a passive shade #10 lens, industry standard size filter plate and inside cover lens. Upgradeable to auto-darkening lens. Convenient magnifying lens holder. Black. Weight 18 oz.

**Meets ANSI Z87.1+ and CSA standards.**

Stk.	Mfr.	Style	View Area	Price
<b>566242</b>	238-497	Fixed	4" x 4"	<b>WEB</b>



### Classic Series Welding Helmet

**Miller** Trusted entry level helmet for the value-minded welder. Features ClearLight™ lens technology, 3 operating modes, 2 independent arc sensors, variable welding and cutting shades, auto-on/off lens, adjustable lens sensitivity and Gen 1 headgear.

**Includes** 5 outside cover lenses and 2 inside cover lenses.

**Meets ANSI Z87.1+ and CSA standards.**

Stk.	Mfr.	Item	Style	View Area	Price
<b>566309</b>	287803	Black	Fixed Front	5.15 sq. in.	<b>WEB</b>
<b>566312</b>	287-815	Rise™	Fixed Front	5.15 sq. in.	<b>WEB</b>



### Clearlight™ 2.0 Digital Performance™ Auto-Darkening Welding Helmet

**Miller** Gen 3.5 Headgear offers comfort cushion and ergonomic design for a personalized fit, enhanced support, and increased efficiency. ClearLight™ 2.0 Lens Technology provides advanced HD optics for a clear, bright, and realistic view. The AutoSense™ button

automatically sets the helmet sensitivity for the environment, plus digital controls allow the user to make precise adjustments to shade, delay, and sensitivity.

**Includes** 5 outside cover lenses, 2 inside cover lenses and helmet bag.

**Meets ANSI Z87.1+, CSA and CE standards.**

Black					
Stk.	Mfr.	Style	View Area	Price	
<b>566305</b>	289-842	Fixed	7.22 sq. in.	<b>WEB</b>	



### Headgear Ratchet

**Sellstrom** Drop down ratchet headgear for all Sellstrom welding helmets.

Stk.	Mfr.	Price
<b>772568</b>	S27001	<b>WEB</b>





### Welding Helmet Kit

**Lincoln** Ideal choice for Stick, TIG, Pulsed TIG, MIG, Pulsed MIG, Flux-cored and gouging. Light-weight auto-darkening welding helmet in an eye-catching grunge graphic pattern. Super fast 1/25,000 switch time, with adjustable sensitivity control. Comfortable headband and absorbent sweat-

band. Solar powered. 2 arc sensors. External shade control.

Variable welding shades DIN 9 to 13. TIG rating 5 amps. Operating temp. 14°F - 131°F. Storage temp. -4°F - 158°F.

**Includes** helmet, pair welding gloves, magnet, soapstone holder, 3 soapstones, 2 extra lenses, wire welding brush and chipping hammer.

**ANSI approved, meets CSE/CE standard EN379.**

Stk.	Mfr.	Style	View Area	Price
<b>503445</b>	KH961	Fixed	1.73" x 3.82"	<b>WEB</b>



### Krazy Kap Cotton Welding Cap

**Steiner** Soft, breathable, absorbent and flame-retardant cotton. Protects head/hair under helmet or hard hat. Soft visor protects forehead or back of neck. Wide band elastic on sides with 3" x 8" soft visor. Reversible and machine washable.

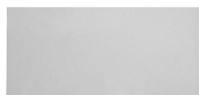
Stk.	Mfr.	Size	Price
<b>884995</b>	KK1060-L	Small - Large	<b>WEB</b>
<b>884996</b>	KK106-X	Medium - X-Large	<b>WEB</b>



### CF™ Carbonized Fiber Beanie

**Steiner** Carbonized fiber beanie is woven with para-aramid strengthening fibers to make the material flame resistant and tough, yet lightweight, breathable, and comfortable. Elastic gathered back offers a secure fit.

Stk.	Mfr.	Size	Price
<b>884998</b>	KKCFS	One size fits most.	<b>WEB</b>



### CR-39 Long Life Clear Cover Plate

**sellstrom** Cover plate provides protection from pitting and scratching. Made of durable, heat resistant material containing CR-39 Monomer. Superior resistance to scratches, heat and chemicals.

**Meets ANSI Z87.1 Standards and High Impact Standards**

Stk.	Mfr.	Size	Shade	Price
<b>772504</b>	S19002	2" x 4-1/4"	CR-39	<b>WEB</b>
<b>772512</b>	S19004	4-1/2" x 5-1/4"	CR-39	<b>WEB</b>



### Shade 10 Auto Darkening Filter

**Jackson** Solar powered ADF is a universal fit for most 2" x 4.25" welding helmets.

**Meets or exceeds ANSI Z87.1 and CAN/CSA Z94.3 standards. CE certified.**

Stk.	Mfr.	View Area	Overall Size	Shade	Price
<b>772430</b>	46410	1.42" x 3.62"	2" x 4.25"	3, 10	<b>WEB</b>



### Polycarbonate Welding IR/PC Plate

**Sellstrom** Polycarbonate is recognized for its outstanding impact strength and optical clarity.

Impact resistant. Durable heat resistant material. Filter plates provide reliable protection against UV/IR emissions, heat, sparks and spatter.

Stk.	Mfr.	Size	Shade	Price
<b>772505</b>	S16610	2" x 4-1/4"	Shade 10	<b>WEB</b>
<b>772513</b>	S16710	4-1/2" x 5-1/4"	Shade 10	<b>WEB</b>

## RESPIRATORS



### Half-mask Respirators

**3M** Economical, lightweight respirators can be disassembled, cleaned and reused. Features soft thermoplastic elastomer facepiece, good visibility and easy-adjust head straps. Use to protect students from a variety of gases, vapors and particulate hazards (including petrochemical, chemical manufacturing, construction, transportation and electronics). When properly fitted, helps provide respiratory protection from certain organic vapors at concentrations up to 10x the Permissible Exposure Limit (PEL).

**Meets NIOSH standard. 2 filters required for each mask, sold separately.**

Stk.	Mfr.	Size	Qty.	Price
<b>942682</b>	6200	Medium	1	<b>WEB</b>
<b>942683</b>	6300	Large	1	<b>WEB</b>



### Organic Vapor Cartridges

**3M** NIOSH approved for environments containing certain organic vapors. Use with 3M™ half and full Facepieces 6000, 7000 and FF400 Series with bayonet filter holders. 2 filters required for each mask.

Stk.	Mfr.	Qty.	Price
<b>590265</b>	6001	2	<b>WEB</b>



### P100 Particulate Filter 2091

**3M** Made with electrostatic media to enhance the capture of airborne particles and reduce breathing resistance. Compatible with 3M™ Series 6000, 6500/6500QL, 7500, FF-400, 7800 and Scott™ AV-3000 SureSeal facepieces with bayonet adapter. NIOSH approved.

Stk.	Mfr.	Qty.	Price
<b>590258</b>	2091	2	<b>WEB</b>



### sel-kleen™ Pre-Moistened Equipment Cleaning Packets

**Sellstrom** Anti-static, anti-fog cleaning solution impregnated in tissues. Contains no silica; scratch free. Alcohol-free pads feature the active ingredient benzalkonium chloride and will not harm even the most sensitive rubber facepieces. Convenient and easy to use single packets measure 5" x 8". Self-dispensing box may be wall mounted or rest on table.

Stk.	Mfr.	Qty.	Price
<b>772529</b>	S22185	110	<b>WEB</b>

## FUME EXTRACTORS



### Industrial Air Filtration System

**J E T** Air filters attract oil mist, smoke, and dust generated during woodworking projects. Pleated fiber air filter is 99% effective at removing fumes, oil mist, and water vapor based on 8 to 10 micron size particles in the air.

Fully enclosed ball bearing motor has overload protection for long, dependable service. Two-filter system with air diffuser disperses outgoing air into a broader pattern.

**Includes** remote control with 9V battery and mounting hardware.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>486094</b>	IAFS-1700	115	1/3	1	<b>WEB</b>
<b>486095</b>	IAFS-2400	115	3/4	1	<b>WEB</b>
<b>486096</b>	IAFS-3000	230	1	1	<b>WEB</b>



### Filtair® 130 Portable Fume Extractor

**Miller** Portable fume extraction system designed specifically for welding. FilTek XL filter technology is specifically designed for welding fumes. Surface-loading MERV 15 filter is manually cleanable with dry compressed air. Service indicator alerts the operator when the filter needs to be cleaned. Particulate bin provides easy and convenient access. Front-panel-mounted air flow for ease of use.

Airflow 132 CFM. 68.5 dBA @ 5'. Overall size 12"W x 23"H x 12"L. Weight 46 lbs.

**Includes** filter, 8' hose and 20' power cord.

Stk.	Mfr.	Volts	Phase	Price
<b>566318</b>	300-595	110/115/120	1	<b>WEB</b>



### Filtair® MWX Series Fume Extractors

**Miller** Powerful high volume system with a MERV 15 FilTek XL filtration is ideal where mobility is needed. Filters up to 95% of weld fume particulate. Easy-to-operate extraction arm adjustments so air can pass through with less resistance. Durable bellmouth-shaped hood features a convenient 360° rotation for unlimited positioning. Easy-read filter pressure gauge indicates when filter needs service. Particulate disposal bin provides easy and convenient access to empty out collected particulate. Large rear wheels and lockable swivel casters.

115V, 12.5 amps, 1 phase. Airflow 875 cfm. 70 dBA @ 5'. Overall size 31-3/4"W x 48"D x 34-3/4"H.

**Disposable Extractor** Filter handles allow easy replacement of dirty filter cartridge with less mess and downtime. Weight 238 lbs.

Stk.	Mfr.	Item	Price
<b>567120</b>	951-507	7' arm	<b>WEB</b>
<b>567121</b>	951-508	10' arm	<b>WEB</b>
<b>567122</b>	951-509	12' arm	<b>WEB</b>
<b>566315</b>	300-539	Disposable Filter	<b>WEB</b>

**Self-Cleaning Extractor** 1 min. cleaning cycle. Handle-release disposal drawer for easy particle clean out. Weight 300 lbs.

Stk.	Mfr.	Item	Price
<b>567123</b>	951-510	7' arm	<b>WEB</b>
<b>567124</b>	951-511	10' arm	<b>WEB</b>
<b>567125</b>	951-512	12' arm	<b>WEB</b>
<b>566316</b>	300-540	Self-cleaning Filter	<b>WEB</b>



### AD350 Fume Extractor

**Bofa** Fume extraction and filtration system has been designed to provide a cost-effective solution for light duty applications. This compact and extremely quiet system is ideal for use in sign making workshops and light laser coding applications.

115-230V, 1PH. 223 cfm. 60dBA.

Size 14.8"W x 14.8"D x 23.2"H. Weight 88 lbs.

**Includes** pre-filter and combined filter.

**Requires Hose Kit, sold separately.**

Stk.	Mfr.	Price
<b>416155</b>	L0542A	<b>WEB</b>

### AD350 Fume Extractor Filter

**Bofa** For use with AD350 Fume Extractor.

Stk.	Mfr.	Item	Price
<b>273020</b>	A1030056	Pre-Filter	<b>WEB</b>
<b>273019</b>	A1030055	Combined Filter	<b>WEB</b>



### AD350 Hose Kit

**Bofa** For use with BOFA AD350 Fume Extractor.

Stk.	Mfr.	Price
<b>273070</b>	SBHK-126	<b>WEB</b>

## BENCHES, BOOTHS & CURTAINS



### Welded Steel Work Bench

**Pucel** Bench constructed of 12 gauge steel tops and legs, 16 gauge stringers and shelves (15-1/4"D), plus feature side and back stops. Top, stringer and legs are reinforced for extra strength. 3,000 lb. capacity.

Stk.	Mfr.	Overall Size	Price
<b>683813</b>	BS-3460	60"W x 34"D x 32-1/2"H	<b>WEB</b>



### Welding Jig Table

**Baileigh** Table features 1 solid mounting surface that has a flatness of .0025" and a Brinell hardness rating of between 140 and 160.

Load capacity 2 tons. Mounting hole 28mm, spacing 100mm. Size 39"W x 39"D x 33.5"H. Weight 1,540 lbs. (shipping)

**Includes** table oiler, brush and cleaning stone.

Stk.	Mfr.	Price
<b>222680</b>	WJT-3939	<b>WEB</b>



### Welding Jig Table Accessory Kit

**Baileigh** 43-piece accessory kit is the ideal starter set for the Baileigh Industrial line of welding tables.

**Includes** 8 locating angle squares, 2 locating leveling rulers, 2 V-shape locating pieces, 6 wrench locking pins, 4 flat head quick locking pins, 2 fixed clamping pieces, 2 adjustable clamping pieces, two 45° inclined handles, 2 clamping pieces with base, 2 toggle clamps with base, 3 hexagonal wrenches, 2 nylon brushes, 2 oil stones and 2 oil pots.

Stk.	Mfr.	Price
<b>222681</b>	WJT-AK43	<b>WEB</b>



### 30FX ArcStation

**Miller** The F-Series ArcStation has a unique folding design and convenient handle and wheels that make it easy to take to a job site or move around the shop or garage. 30" x 30" tabletop provides plenty of work surface for your projects. The 3/16" X-pattern steel tabletop allows for clamping.

Load capacity 500 lbs. Size 29"W x 29"L x 35"H. Weight 74 lbs.

**Includes** removable gun holder.

Stk.	Mfr.	Price
<b>566323</b>	300-837	<b>WEB</b>



### 60SX ArcStation Loaded

**Miller** The 60SX Fully Loaded is perfect for the welder who needs a tough workbench for the fab shop or the home garage. 30" x 60" tabletop provides plenty of work surface for your projects. The 3/8" X-pattern steel tabletop allows for clamping. Adjustable leveling feet keep workbench rock-steady.

Load capacity 1,000 lbs. Size 35"W x 58"L x 35"H. Weight 318 lbs.

**Includes** 6" X-clamp, side shelf, tool chest, 5" vice with mount, weld curtain, gun holder, tool holder, clamp bar and 4 casters.

Stk.	Mfr.	Price
<b>567140</b>	951-793	<b>WEB</b>

### ArcStation X-Clamp

**Miller** 6" clamp for use with X-pattern table top.

Stk.	Mfr.	Price
<b>566322</b>	300-613	<b>WEB</b>



### Window-Front Welding Booth

**Greene** Structural Gray only.

Booth size 60"W x 60"D. Door panel 84"H. Side 76"H. Door size 27.5"W. Window size 30"W x 24"H.

**Includes** curtain.

### Free Standing

Stk.	Mfr.	Item	Price
<b>433750</b>	GB-725.S	Booth, 4-Sided	<b>WEB</b>
<b>433751</b>	GB-725.A	Add-On, 3-Sided	<b>WEB</b>

### Wall-Mount

Stk.	Mfr.	Item	Price
<b>433752</b>	GB-725.02.S	Booth, 3-Sided	<b>WEB</b>
<b>433753</b>	GB-725.02.A	Add-On, 2-Sided	<b>WEB</b>



### All-Steel Arc Welding Benches

**Pucel** Top working surface is made of 12 ga. steel. Available with window-type, glare-proof shield for instructional purposes, or with solid shield. Drawer is supplied on both models. Gray.

Bench size 36"L x 36"D x 34"H.  
34" from table top to top of shield.

Stk.	Mfr.	Item	Price
<b>683938</b>	AW3636-S-DR	Solid Shields	<b>WEB</b>
<b>684005</b>	AW3636-WS-DR	See-thru Shields	<b>WEB</b>



### Arc Welding Table

**Greene** All welded construction of heavy 11 gauge steel with bar grate top. Structural Gray color.

Work surface height 34". Bar grate work surface 1-1/2" x 3/16".

**Includes** floor anchor pads.

Stk.	Mfr.	Size	Price
<b>433650</b>	GT-774	30"W x 24"D x 33.75"H	<b>WEB</b>
<b>433651</b>	GT-776	36"W x 24"D x 33.75"H	<b>WEB</b>
<b>433652</b>	GT-778	48"W x 24"D x 33.75"H	<b>WEB</b>

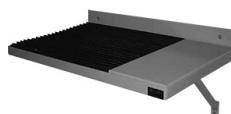


### Arc Welding Bench With Drawer

**Pucel** Built for rugged service. The 12 gauge top has side and backstops. Legs are double formed, embossed 14 gauge steel. Shelf is divided into three equal sections for the storage of welding rods. Gray.

Size 36"L x 36"D x 34"H. Weight 140 lbs.

Stk.	Mfr.	Price
<b>683930</b>	AW3636-DR	<b>WEB</b>



### Wall-Mount Welding Table

**Greene** Structural Gray color.

Table size 24" x 36" x 3/8"T.

Stk.	Mfr.	Price
<b>433647</b>	GT-673-GSTL	<b>WEB</b>



### Gas Welding Benches

**Pucel** Heavy-gauge steel bench features a shelf for rod storage. Gray.

Overall size 36"W x 36"D x 34"H.

**Requires 32 firebricks, sold separately.**

Stk.	Mfr.	Item	Price
<b>683871</b>	GW3636	Bench	<b>WEB</b>
<b>683670</b>	1416-1	Drawer	<b>WEB</b>



### Fire Bricks

**Greene** Overall size: 2-1/4"H x 4-1/2"W x 9"L.

Stk.	Mfr.	Qty.	Price
<b>433800</b>	RB-13	13	<b>WEB</b>
<b>433801</b>	RB-32	32	<b>WEB</b>
<b>433802</b>	RB-54	54	<b>WEB</b>



#### 4-Station Gas Welding Table

**Greene** All-welded construction of heavy 3/16" thick steel in Structural Gray. Gas distribution tower meets safety regulations. Fully grouted firebrick work surface. Four torch holders. Floor anchor pads. USA made.

Table size 50"W x 50"D x 34"H. Side shield 24"H.

**Includes** two 1/2" ball valves and two I-way check valves on tower inlet.

Stk.	Mfr.	Price
<b>433640</b>	GOA-4	<b>WEB</b>



#### Gas Welding Bench

**Greene** Brick surface gas welding table. All welded heavy gauge steel construction. Color: Structural Gray.

Size 36"L x 36"W x 34"H.

**Requires 32 fire bricks, sold separately.**

Stk.	Mfr.	Item	Price
<b>433805</b>	SELG-18	Bench	<b>WEB</b>
<b>433806</b>	SEL-32FB	32-brick set	<b>WEB</b>



#### Welding Layout Table

**Greene** Made from heavy 11 gauge steel, this all-welded layout table has a grouted firebrick work surface that includes raised grounding rails. The 3/8" steel top is reinforced to prevent warping. Structural Gray.

Overall size 91"W x 41"D x 33.75"H.

**Includes** floor anchor pads.

Stk.	Mfr.	Price
<b>433649</b>	GT-8.STL	<b>WEB</b>



#### Hand Grinding Station

**Greene** Made from 11 gauge steel and all welded. Large work surface is replaceable steel grate. You'll find a 5" tapered air vacuum inlet running along the back of the bench. A hinged, locking door on front allows for easy cleanup. A 110V outlet on front leg is wired to a 6' cord and plug. Station has a 5" outlet.

**Includes** floor anchor pads.

Stk.	Mfr.	Price
<b>433770</b>	GS-967	<b>WEB</b>



#### Brick Top Gas Welding Table

**Greene** Gas welding table is made from heavy 11-gauge steel. Work surface is 3/8" made from steel with grouted firebrick and includes raised grounding rails.

Table size 50"L x 25"W x 33.75"H.

Structural Gray color.

**Includes** floor anchor pads.

Stk.	Mfr.	Price
<b>433645</b>	GT-4	<b>WEB</b>



#### Protect-O-Screen® Classic™ Welding Screen

**Steiner** Protects welder against reflected welding sparks, spatter and UV flash. 6'W x 6'H frame with 14 mil. transparent vinyl curtain. Sturdy 18-gauge steel, black rust-resistant enamel-finish square tube frame. 24" platform legs.

Stk.	Mfr.	Color	Size	Price
<b>885333</b>	533-6X6	Green	6' x 6'	<b>WEB</b>
<b>885334</b>	53-6X6	Orange	6' x 6'	<b>WEB</b>



#### ArcView™ Flame Retardant Tinted Transparent Vinyl Welding Curtain

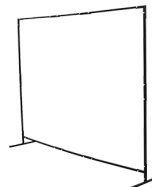
**Steiner** Tinted transparent 14 mil. vinyl curtains provide protection from harmful UV rays and reduce the visible flash when visibility is required.

Blocks most UV radiation and is flame, water and

mildew resistant. 3/8" brass grommets on all four sides, 12" apart. Meets California Fire Marshal requirements.

**WARNING:** Tinted transparent vinyl screens provide protection for casual passerby only and are not intended as a substitute for normal eye protection for close or long-term viewing. The user must wear protective eyewear suitable for the application.

Stk.	Mfr.	Color	Size	Price
<b>885321</b>	333-4X6	Green	4' x 6'	<b>WEB</b>
<b>885323</b>	333-6X6	Green	6' x 6'	<b>WEB</b>
<b>885324</b>	333-6X8	Green	6' x 8'	<b>WEB</b>
<b>885320</b>	333-6X10	Green	6' x 10'	<b>WEB</b>
<b>885326</b>	338-4X6	Orange	4' x 6'	<b>WEB</b>
<b>885328</b>	338-6X6	Orange	6' x 6'	<b>WEB</b>
<b>885329</b>	338-6X8	Orange	6' x 8'	<b>WEB</b>
<b>885325</b>	338-6X10	Orange	6' x 10'	<b>WEB</b>



#### Adjustable Welding Curtain Frame

**Jackson** Constructed with 19-gauge steel tubing and bolted corner clamps. Black powder-coated enamel finish is rust and abrasion resistant. Pre-drilled for casters. Adjusts from 6' x 6' to 6' x 8'.

**Includes** brackets, hardware and lacing ties.

Stk.	Mfr.	Price
<b>772410</b>	37198	<b>WEB</b>



#### Welding Curtain Metal Hooks

**Steiner** Hang welding curtains from cable or pipe up to 2" dia. Galvanized steel.

Stk.	Mfr.	Item	Size	Qty.	Price
<b>885340</b>	41000	2" hooks, 10/pkg.	2"W x 4-1/2"L	10	<b>WEB</b>

## WELDING CLOTHING



#### Welding Starter Supply Package

##### Midwest

**Includes** safety glasses, auto-darkening welding helmet, face shield with shade 5 IR window,

large 30"L leather jacket, 24"L leather apron bib-style, large welding gloves, medium beanie, adjustable welding curtain frame, 6' x 6' orange welding curtain and fire/first aid emergency blanket.

Stk.	Mfr.	Price
<b>558501</b>	MW-WELDPK	<b>WEB</b>





### Weldmite™ Cotton Bib Apron

**Steiner** A protective clothing option that is lighter and more comfortable than leather for applications not requiring leather. Made from 12 oz. permanently flame retardant fabric, the 100% cotton will retain its flame retardant properties even after repeat washings. These bucktan garments are sewn from full-cut patterns and offer adjustable neck and waist straps.

Stk.	Mfr.	Size	Price
<b>885125</b>	10125	24" x 36"	<b>WEB</b>



### Weldlite™ Flame Retardant Jacket

**Steiner** 9 oz. cotton clothing is permanently flame retardant without taking away from its natural qualities. It's cooler and lighter than leather. Ideal for indoor or warm weather use. Stress points are bar tacked for greater strength. 30"L jacket has inside chest pocket and non-reflective snap closure and snaps at wrist. Green color.

Stk.	Mfr.	Size	Price
<b>885132</b>	1030-M	Medium	<b>WEB</b>
<b>885133</b>	1030-L	Large	<b>WEB</b>
<b>885134</b>	1030-X	X-large	<b>WEB</b>
<b>885131</b>	1030-2X	2X-large	<b>WEB</b>



### Weldlite™ Flame Retardant Cape Sleeves

**Steiner** Designed for protection of shoulders, upper chest, and arms, while open back maximizes ventilation. Leather reinforced, black anodized non-reflective snaps at collar and wrist snaps. Cool, comfortable, and washable, offering protection for light welding and sparks. 9 oz. flame retardant 100% cotton fabric; meets ASTM D6413-10. Detachable bib for added protection, sold separately. Green color.

Stk.	Mfr.	Size	Price
<b>885136</b>	1032-M	Medium	<b>WEB</b>
<b>885137</b>	1032-L	Large	<b>WEB</b>
<b>885138</b>	1032-X	X-Large	<b>WEB</b>
<b>885144</b>	1032-2X	2X-Large	<b>WEB</b>



### Weldlite™ Flame Retardant Bib

**Steiner** Easy replacement of snap-on bib when worn, torn, or dirty without replacing the cape sleeves entirely. Cool, comfortable, and washable, offering protection for light welding and sparks. 9 oz. flame retardant 100% cotton fabric; meets ASTM D6413-10. Cape sleeves sold separately. Green color.

Stk.	Mfr.	Size	Price
<b>885135</b>	10315	19"L	<b>WEB</b>



### Weldlite™ Flame Retardant Split Leg Apron

**Steiner** Protection with freedom of movement with adjustable leg straps. Cool, comfortable, and washable, offering protection for light welding and sparks. 9 oz. flame retardant 100% cotton fabric; meets ASTM D6413-10. Green color.

Stk.	Mfr.	Size	Price
<b>885139</b>	10336	24"W x 40"L	<b>WEB</b>



### Leather Leggings with Spats

**Steiner** Protect your lower legs and shoes with 12" leather leggings featuring a hook and loop fastener to hold leggings in place and 9" leather shoe protector.

Stk.	Mfr.	Price
<b>885195</b>	12186	<b>WEB</b>



### Leather Spats

**Steiner** Full protection for foot and ankle. 5"H spats fasten by 3 adjustable straps on the ankle and 1 on the instep.

Stk.	Mfr.	Price
<b>885194</b>	12185	<b>WEB</b>



### Weld-Rite™ Leather Jackets

**Steiner** Weld-Cool™ side split cowhide jackets feature underarm ventilation and riveted open seam upper back to increase air circulation and provide cool comfort in warm environments. Strong, flexible leather resists cuts, sparks and slag. Reinforced, non-reflective snaps and Kevlar® stitched seams.

Satin lined shoulders and upper arm. Stand-up/roll down leather collar snaps securely in place to protect neck. Adjustable waist cinch straps for comfortable tapered fit. Soap stone holder on each upper arm.

#### 26"L

Stk.	Mfr.	Size	Price
<b>885400</b>	9214-M	Medium	<b>WEB</b>
<b>885401</b>	9214-L	Large	<b>WEB</b>
<b>885402</b>	9214-X	X-large	<b>WEB</b>
<b>885403</b>	9214-2X	2X-large	<b>WEB</b>

#### 30"L

Stk.	Mfr.	Size	Price
<b>885405</b>	9215-M	Medium	<b>WEB</b>
<b>885406</b>	9215-L	Large	<b>WEB</b>
<b>885407</b>	9215-X	X-large	<b>WEB</b>
<b>885408</b>	9215-2X	2X-Large	<b>WEB</b>



### Weld-Rite™ Leather Bib

**Steiner** Easy replacement of snap-on bib when worn, torn, or dirty without replacing the cape sleeves entirely. Premium side split brown cowhide. Sewn with Kevlar® thread. Cape Sleeves sold separately.

Stk.	Mfr.	Size	Price
<b>885378</b>	92115	19"L	<b>WEB</b>



### Weld-Rite™ Leather Cape Sleeves

**Steiner** Protect shoulders, arms, neck, and upper body, while the back is left open to maximize ventilation and movement. Snap front closure, wrist, collar and bib attachment. Sewn with Kevlar® thread. Welted shoulder and arm seams with rivet reinforced stress points.

Stk.	Mfr.	Size	Price
<b>885370</b>	9210-M	Medium	<b>WEB</b>
<b>885371</b>	9210-L	Large	<b>WEB</b>
<b>885372</b>	9210-X	X-Large	<b>WEB</b>
<b>885373</b>	9210-2X	2X-Large	<b>WEB</b>



### Weld-Rite™ Leather Waist Apron

**Steiner** Quality crafted from premium side split brown cowhide with Kevlar® stitched seams, rivet reinforced stress points and adjustable waist strap with quick-release buckle.

Stk.	Mfr.	Size	Price
<b>885410</b>	92160	24"W x 24"L	<b>WEB</b>



### Weld-Rite™ Leather Bib Apron

**Steiner** Quality crafted from premium side split brown cowhide with Kevlar® stitched seams, rivet reinforced stress points and adjustable nylon straps with quick-release buckle. 2-compartment chest pocket.

Stk.	Mfr.	Size	Price
<b>885412</b>	92165	24"W x 36"L	<b>WEB</b>
<b>885413</b>	92166	24"W x 42"L	<b>WEB</b>



### Weld-Rite™ Leather Split-leg Apron

**Steiner** Quality crafted from premium side split brown cowhide with Kevlar® stitched seams, rivet reinforced stress points and adjustable nylon straps with quick-release buckle. 2-compartment chest pocket and adjustable leg straps.

Stk.	Mfr.	Size	Price
<b>885415</b>	92171	24"W x 42"L	<b>WEB</b>
<b>885416</b>	92172	24"W x 48"L	<b>WEB</b>



### Weld-Rite™ 18" Leather Sleeves

**Steiner** Premium side split cowhide sleeves fit easily into welding glove cuffs to protect upper arms. Kevlar® stitching, adjustable leather strap on bicep and rivet reinforced seams and stress points. Snaps at wrist.

Stk.	Mfr.	Size	Qty.	Price
<b>885419</b>	92180	18"L	2	<b>WEB</b>



### Weld-Rite™ 23" Leather Sleeves

**Steiner** Premium side split cowhide sleeves fit easily into welding glove cuffs to protect upper arms. Kevlar® stitching, adjustable leather neck strap and rivet reinforced seams and stress points. Snaps at wrist.

Stk.	Mfr.	Size	Qty.	Price
<b>885420</b>	92181	23"L	2	<b>WEB</b>

## WELDING GLOVES



### Triple Layer Wool Lined Premium Stick Welding Gloves

**Steiner** Heat Resistor triple layer consists of premium side split brown cowhide outer layer, aluminized Mylar inner layer and wool insulated bottom layer. Flame resistant Kevlar® thread for added strength.

Stk.	Mfr.	Size	Price
<b>885040</b>	02120-L	Large	<b>WEB</b>



### Premium Cowhide Stick Welding Gloves

**Steiner** Premium red side split cowhide. ThermoCore™ insulation with full cotton lining. Straight thumb with reinforced thumb and palm. Kevlar® sewn. 14"L.

Stk.	Mfr.	Size	Price
<b>885090</b>	02719	Large	<b>WEB</b>



### Foam-lined Welding Gloves

**Steiner** Premium brown side split cowhide. ThermoCore™ insulation with full cotton lining. Double reinforced wing thumb, saddle, and palm. Kevlar® sewn.

Stk.	Mfr.	Size	Price
<b>885220</b>	2119B	Large	<b>WEB</b>



### Economy Welding Gloves

**Steiner** Gray shoulder split cowhide gloves with full cotton lining. Fully welted.

Stk.	Mfr.	Size	Price
<b>885050</b>	02209	Large	<b>WEB</b>



### Triple Layer Lined Stick Welding Gloves

**Steiner** Unique Natural Thumb™ design reduces fatigue, while Heat Resistor™ triple layer lining increases heat protection. ThermoCore™ foam insulated with full cotton lining for added comfort. Double reinforced thumb, saddle and palm. Flame resistant Kevlar® thread. Gold cowhide.

Stk.	Mfr.	Size	Price
<b>885015</b>	021NT-L	L-XL	<b>WEB</b>



### Premium-grain Pigskin MIG Gloves

**Steiner** Premium reverse grain pigskin MIG welding gloves with unlined palm, ThermoCore™ foam back and 5" split pigskin cuff.

Stk.	Mfr.	Size	Price
<b>885010</b>	P750M	Medium	<b>WEB</b>
<b>885011</b>	P750L	Large	<b>WEB</b>
<b>885012</b>	P750XL	X-large	<b>WEB</b>



### MIG Welding Gloves

**Miller** Select-grade leather with unprecedented comfort and performance. Lined gloves with dual padded palm for added comfort. Fleece insulated palm, foam insulated back. Original wrap-around keystone thumb design for exceptional dexterity and comfort.

Stk.	Mfr.	Size	Price
<b>566263</b>	263-333	Large	<b>WEB</b>



### Premium TIG Welding Gloves

**Miller** Premium goat grain leather. Completely unlined for superior flexibility and dexterity. Triple padded palm for added comfort. Sewn w/100% flame-resistant Kevlar® thread for maximum seam strength.

Stk.	Mfr.	Size	Price
<b>566264</b>	263-348	Large	<b>WEB</b>



### Split Deerskin TIG Gloves

**Steiner** Unlined split deerskin gloves with straight thumb and 2" cuff. Kevlar® stitched.

Stk.	Mfr.	Size	Price
<b>885025</b>	0221L	Large	<b>WEB</b>



### TIG Welding Gloves

**Steiner** Unlined, Kevlar®-stitched sheepskin gloves. Sensi-TIG™ seamless index finger and straight thumb. 4" gray cuff.

Stk.	Mfr.	Size	Price
<b>885027</b>	0223M	Medium	<b>WEB</b>
<b>885028</b>	0223L	Large	<b>WEB</b>
<b>885029</b>	0223XL	X-large	<b>WEB</b>



### Silicon Carbide Crucible Block

**MIFCO** 6" x 2" block for #10 - #16 crucibles.

Stk.	Mfr.	Price
<b>531149</b>	008241	<b>WEB</b>



### Crucible Tongs

**MIFCO**

**Shown with crucible, sold separately.**

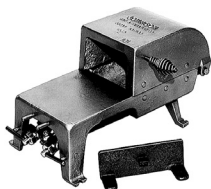
### Plain Locking latch bar.

Stk.	Mfr.	Crucible Size	Price
<b>531282</b>	10P	#10	<b>WEB</b>
<b>531324</b>	16P	#16	<b>WEB</b>

### Bent Handle Handle bent 90°, rings engage hoist.

Stk.	Mfr.	Crucible Size	Price
<b>531278</b>	10B	#10	<b>WEB</b>
<b>531320</b>	16B	#16	<b>WEB</b>
<b>531345</b>	20B	#20	<b>WEB</b>
<b>531370</b>	30B	#30	<b>WEB</b>

## FOUNDRY TOOLS & SUPPLIES



### Bench Soldering Furnace No. 101

**Johnson Gas** A powerful, efficient and economical bench furnace made for heating soldering coppers up to 12 lbs. per pair, heat-treating, tempering, annealing or case-hardening any carbon steel tools or small metal parts such as dies, taps, reamers, chisels, gears, etc. No blower is

needed, which eliminates use of a muffle. Equipped with shut-off valve and pilot light. Firebox forms a rest and protects points of coppers. Johnson patented, curved shaped hood forces return blast over parts being treated. A baffle plate, which partly closes front of furnace, is furnished. Hood and bottom lined with heavy refractory.

Unit size 14"L x 7-3/8"H. Firebox 3-3/4" x 4-1/2" x 5-1/2".

Firebox opening 4-1/2" x 2-3/4". Gas connect pipe size 3/8". Burners 2.

Gas consumed 26,000 BTU per hour per burner.

Stk.	Mfr.	Price
<b>486134</b>	101	<b>WEB</b>

### Complete Relining Kit for 101

Stk.	Mfr.	Price
<b>486201</b>	101-20	<b>WEB</b>



### Top Pour Graphite Crucible Bay State

Stk.	Mfr.	Height	Bilge Dia.	Price
<b>231670</b>	8	7-1/8"	5-7/8"	<b>WEB</b>
<b>231804</b>	10	8-1/16"	6-9/16"	<b>WEB</b>
<b>231938</b>	16	9-1/4"	7-1/2"	<b>WEB</b>
<b>232072</b>	20	10-5/16"	8-3/8"	<b>WEB</b>
<b>232206</b>	30	11-1/2"	9-5/16"	<b>WEB</b>



### Bottom Pour Crucible Bay State

Stk.	Mfr.	Height	Bilge Dia.	Price
<b>231871</b>	10BP	8-1/16"	6-9/16"	<b>WEB</b>
<b>232005</b>	16BP	9-1/4"	7-1/2"	<b>WEB</b>



### Single-End Safety Shank Crucible Tong

**MIFCO**

**Shown with crucible, sold separately.**

Stk.	Mfr.	Crucible Size	Price
<b>531450</b>	S116SE	#10 & #16	<b>WEB</b>
<b>531465</b>	S230SE	#20 & #30	<b>WEB</b>



### Adjustable Latching Hand Crucible Shank

**MIFCO** For holding a #10 or #16 crucible while pouring molten metal. Adjust pads to fit the crucible. Safety latch holds crucible firmly in shank while pouring metal. Handle is 41" with a handle ring on the end. Designed for 1-person operation.

Stk.	Mfr.	Price
<b>531305</b>	S116H	<b>WEB</b>



### Refractory Material

**MIFCO** A fine grained, chemically bonded, air setting trowel mix with outstanding hot strength. Has troweling consistency and blue color identification. Water can be added to produce any desired consistency.

Used to patch and repair fire brick and furnace lining material. With water added for a thinner consistency, can be used to seal and coat furnace lining material for maximum heating efficiency.

Stk.	Mfr.	Size	Price
<b>531148</b>	008172	20 lbs.	<b>WEB</b>



### Petrobond Oil Bonded Sand

**MIFCO** Oil-bonded sand pre-mixed in a bucket to cast highly-detailed pieces of gold, silver, bronze, copper and more.

Stk.	Mfr.	Size	Price
<b>531271</b>	035313	35 lbs.	<b>WEB</b>



### Fire Bricks

**Greene** Overall size: 2-1/4"H x 4-1/2"W x 9"L.

Stk.	Mfr.	Qty.	Price
<b>433800</b>	RB-13	13	<b>WEB</b>
<b>433801</b>	RB-32	32	<b>WEB</b>
<b>433802</b>	RB-54	54	<b>WEB</b>



### 19" Bellows

**Panacea** Chrome-tip 19" bellows for school molders. Made of hardwood boards and a combination of leather and vinyl with leather. Secured with tacks.

Stk.	Mfr.	Price
<b>943204</b>	15312	<b>WEB</b>



### Steel Foundry Flask

**MIFCO** Rugged, durable, heavy gauge steel flask with 4" cope and drag.

Stk.	Mfr.	Size	Price
<b>531165</b>	030906	10" x 10"	<b>WEB</b>
<b>531166</b>	030920	12" x 12"	<b>WEB</b>



### Molder's Shovel

**Ridgid** Solid shank tool. 14 ga. - 9-3/4" x 12" sq. point blade with 27" long D-handle. Lacquered ash handle, double riveted to blade socket.

Stk.	Mfr.	Price
<b>692630</b>	52315	<b>WEB</b>



### Ingot Molds

**MIFCO** The No. 6 is used for draining crucible after the final heat. Scrap metal can be fluxed, cleaned and poured into ingots, then stored for future requirements. Holds 3 ingots.

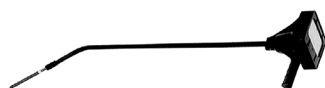
Stk.	Mfr.	Ingot Size	Price
<b>531270</b>	6	6-3/4" x 3-1/2" x 1-1/2"	<b>WEB</b>



### Bench Rammer

**Wood Crafters** Hard maple.

Stk.	Mfr.	Size	Price
<b>475000</b>	6012	3-1/2" x 14"	<b>WEB</b>



### Portable Hand Lance Pyrometer

**McEnglevar** Model MT-400 uses an enclosed probe to sense the temperatures of a variety of nonferrous molten metals. The rugged temperature compensated meter movement is accurate within .05% of the meter scale. Dual Fahrenheit-Centigrade scale with a 0-2,350°F and a 0-1,300°C temperature range. Designed for quick, simple meter replacement, reducing downtime. 36" lance and 8" protected marshall tip.

Stk.	Mfr.	Price
<b>531490</b>	030864	<b>WEB</b>



### Plastic Hand Riddle

**MIFCO** Plastic 18" dia. hand riddle with mesh for sifting foundry sand.

Stk.	Mfr.	Size	Price
<b>531159</b>	031645	#4 Mesh	<b>WEB</b>
<b>531160</b>	031648	#8 Mesh	<b>WEB</b>



### Z-Flex Plus™ Treated Fiberglass High Heat Mittens

**Steiner** 35 oz. highly texturized silica yarn treated to withstand temperatures up to 2000°F. Moderate abrasion resistance with full 11 oz. wool insulated lining.

Stk.	Mfr.	Size	Price
<b>885110</b>	07115	14"L	<b>WEB</b>



### Z-Flex Plus™ Treated Fiberglass High Heat Gloves

**Steiner** 35 oz. highly texturized silica yarn treated to withstand temperatures up to 2000°F. Moderate abrasion resistance with full 11 oz. wool insulated lining.

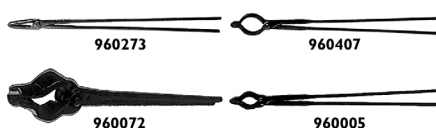
Stk.	Mfr.	Size	Price
<b>885109</b>	07114	14"L	<b>WEB</b>



### Aramid/Fiberglass High Heat Gloves

**Steiner** 22 oz. Aramid (Kevlar) fibers and fiberglass blend to create gloves that withstand exposure up to 600°F. Full 11 oz. wool-insulated lining. Superior abrasion and cut resistance.

Stk.	Mfr.	Size	Price
<b>885115</b>	08314	14"L	<b>WEB</b>



### Welder's Tongs Lansing Forge

Stk.	Mfr.	Size	Price
<b>960273</b>	203-18	18"L	<b>WEB</b>
<b>960340</b>	203-24	24"L	<b>WEB</b>

Stk.	Mfr.	Size	Price
<b>960407</b>	204-24	24"L	<b>WEB</b>

Stk.	Mfr.	Size	Price
<b>960072</b>	202-20	3/8" x 20"L	<b>WEB</b>
<b>960139</b>	202-20	1/2" x 20"L	<b>WEB</b>
<b>960206</b>	202-22	3/4" x 22"L	<b>WEB</b>

Stk.	Mfr.	Size	Price
<b>960005</b>	200	24"L	<b>WEB</b>



## LAMP SUPPLIES



### Make-A-Lamp Kit

**Jandorf** Create a lamp or repair an existing one.

**Includes** 10" lamp harp, 8' 18-gauge cord, socket, finial, coupling, lock nut and nipple.

Stk.	Mfr.	Price
<b>943485</b>	60132	<b>WEB</b>



### Make-A-Lamp Kit with Bottle Adapter

**Jandorf** Converts a bottle to a working lamp.

**Includes** 8' cord with plug, push-through socket, bottle adapters, check ring, lock nut and lamp nipple.

**Bulb and bottle not included.**

Stk.	Mfr.	Price
<b>943486</b>	60131	<b>WEB</b>



### 2-Circuit Turn Knob Socket (3-Way)

**Pass & Seymour** For 2-filament lamp with low, medium, high, off sequence. Brass-dipped aluminum. Large-head screws fasten easily.

Stk.	Mfr.	Watts	Volts	Price
<b>376876</b>	7090PGCC10	250	250V	<b>WEB</b>



### Push-through Knob Socket

**Pass & Seymour** Insulated stem is brass-dipped aluminum. Large-head screws make wire fastening easy.

Stk.	Mfr.	Watts	Volts	Price
<b>377008</b>	6098PGCC20	660	250V	<b>WEB</b>



### Pull Chain Socket

**Pass & Seymour** Set screw prevents rotation of socket. Caps threaded .125"-27 IPS Pendant caps accommodate .375" dia. cords. Made of brass-dipped aluminum.

Stk.	Mfr.	Watts	Volts	Price
<b>377100</b>	19980PGCC10	660	250V	<b>WEB</b>



### Polished Brass Lamp Harp

**Jandorf** Protects bulb from lamp shade and holds lamp shade in place.

Stk.	Mfr.	Size	Price
<b>943484</b>	60121	8"L x 3-3/4"W	<b>WEB</b>
<b>943478</b>	60122	10"L x 4-7/17"W	<b>WEB</b>



### Lamp Finial

**Jandorf** Secures lamp shade to harp. Brass knob with 1/4-27 thread.

Stk.	Mfr.	Length	Qty.	Price
<b>943497</b>	60102	1-1/4"	2	<b>WEB</b>



### Lamp Hex Nuts

**Jandorf** Steel threaded 1/8-IP hex nuts.

Stk.	Mfr.	Finish	Qty.	Price
<b>943490</b>	60169	Brass	12	<b>WEB</b>
<b>943491</b>	60170	Silver	6	<b>WEB</b>



### Lamp Nipple

**Jandorf** Standard threaded 1/8-IP with male ends, making them compatible with common lamp parts. Can also be cut to size or connected with a coupling or reducer. 3/8" dia.

Stk.	Mfr.	Finish	Size	Qty.	Price
<b>943488</b>	60160	Brass	1/2", 1", 1-1/2", 2"L	2 each	<b>WEB</b>
<b>943489</b>	60164	Silver	6"L	1	<b>WEB</b>



### All-Thread Lamp Pipe

**Jandorf** Brass plated, threaded 1/8-IP sized to fit with common components.

Stk.	Mfr.	Size	Price
<b>943487</b>	60165	30"L	<b>WEB</b>

## EXTENSION CORDS & OUTLET STRIPS



### 6-Outlet Surge Protector

**Woods** 1,440 joules outlet surge protector expands your electrical options while adding user-friendly features like phone cradle, safety covers, wire wrap and EZ-Pull. 15 Amp, 1,800 Watts, Max Surge: 6000V, Max Spike: 45000A.

Stk.	Mfr.	Price
<b>983132</b>	41076	<b>WEB</b>



### 6-Outlet, 3' Cord Metal Surge Protector

**Woods** Appliance surge protector features 900 Joules of surge protection, 3' cord, sliding safety covers, EMI/RFI noise filtration, LED indicator light, and a lighted switch for your convenience and safety. Dark gray.

Stk.	Mfr.	Price
<b>983166</b>	41546	<b>WEB</b>



### 6-Outlet, 3' Cord Surge Protector

**Woods** The 900 joule appliance surge protector limits excess current from flowing through your electrical devices during a voltage spike. EMI/RFI noise filters. White.

Stk.	Mfr.	Price
<b>983165</b>	41497	<b>WEB</b>



### Multi-Outlet Cord Reel with 4 Outlets

**Bayco** This cord reel has a 25' 16/3 SJT extension cord built in, with 4 separate grounded outlets and a 10 amp rating. Made of impact resistant polypropylene.

Stk.	Mfr.	Length	Gauge/Conductor	Price
<b>943498</b>	SL-755	25'	16/3	<b>WEB</b>



### Extension Cord Reel with 4 Outlets

**Woods** High impact, durable case with top and rear handles. Four integrated grounded outlets for up to 1,500 watts of power. Rated for indoor use in dry locations only. UL and cUL Listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983127</b>	4907	25'	16/3	13A	<b>WEB</b>



### 50' Retractable Cord Reel

**Southwire** Retractable cord reel is made from extra tough ABS plastic. Commercial duty 12/3 SJTW cord extends out to 50'. Suitable for dry, indoor use. Lighted end has power indicator on the tri-source tap. Mounting hardware is made of strong steel.

**Includes** mounting hardware.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983200</b>	48208802SW	50'	12/3	15A	<b>WEB</b>



### Retractable Metal Cord Reel w/3 Outlets

**Coleman Cable** 30' safety striped 16/3 ga. grounded cord with 3 outlets. Heavy-duty diamond plate metal casing, built-in circuit breaker with lighted outlet. CETL listed.

**Includes** mounting hardware (for ceiling or wall).

Stk.	Mfr.	Length	Price
<b>983147</b>	E215	30'	<b>WEB</b>



### Retractable Metal Cord Reel

**Bayco** With 3 separate grounded outlets and a 10 amp rating, powering your projects is quick and easy as the cord winds back up inside the heavy-duty steel housing. The outlet bar even has a built in LED status light to let you know you have power.

**Includes** mounting brackets.

Stk.	Mfr.	Length	Gauge/Conductor	Price
<b>943505</b>	FL-800	30'	16/3	<b>WEB</b>



### Orange Outdoor Round Vinyl Extension Cords

**Woods** Extension cords with copper conductors, solid molded plugs for longer life, 2 layers of insulation, 1 around each conductor and a second outer jacket which won't mark floors

or walls. Resists deterioration from moisture and abrasion. UL listed, meets OSHA specifications.

#### Single End

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983102</b>	0267	25'	16/3	13A	<b>WEB</b>
<b>983103</b>	0268	50'	16/3	13A	<b>WEB</b>
<b>983108</b>	0625	25'	14/3	15A	<b>WEB</b>
<b>983109</b>	0626	50'	14/3	15A	<b>WEB</b>
<b>983106</b>	0528	25'	12/3	15A	<b>WEB</b>
<b>983107</b>	0529	50'	12/3	15A	<b>WEB</b>

#### 3-Way Power Block

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983230</b>	0819	50'	12/3	15A	<b>WEB</b>
<b>983117</b>	0825	25'	14/3	15A	<b>WEB</b>
<b>983118</b>	0826	50'	14/3	15A	<b>WEB</b>
<b>983119</b>	0827	100'	14/3	13A	<b>WEB</b>



### Blue Outdoor Low Temp Extension Cords

**Coleman Cable** High-visibility, blue SJTW extension cords are super flexible for cold temperature. Vinyl cords feature reinforced blades,

power indicator light in female receptacle, plus clear PVC plug and connector. UL listed for use to -45°.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983138</b>	02467	25'	14/3	15A	<b>WEB</b>
<b>983139</b>	02468	50'	14/3	15A	<b>WEB</b>
<b>983140</b>	02469	100'	14/3	13A	<b>WEB</b>
<b>983141</b>	02568	50'	12/3	13A	<b>WEB</b>
<b>983142</b>	02569	100'	12/3	13A	<b>WEB</b>



### Yellow Outdoor 3-Outlet Lighted Extension Cord

This yellow, round, vinyl 12/3 SJTW extension cord from Master Electrician is 50' long. Great for indoor or outdoor use, the female end includes a lighted power indicator. ETL/cETL Listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>943522</b>	01488ME	50'	12/3	15A	<b>WEB</b>



### Yellow Indoor Utility Extension Cords

**Woods** Flat vinyl utility cords designed for general purpose indoor use. Solid molded plugs with copper conductors. Made with a single layer of vinyl insulation that won't mark walls or floors. Resists deterioration from moisture and abrasion.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983120</b>	0834	25'	14/3	15A	<b>WEB</b>
<b>983121</b>	0835	50'	14/3	15A	<b>WEB</b>



### Yellow Jacket® Extension Cord w/Ground Fault Circuit Interrupter

**Woods** GFCI cord has lighted 3-outlet power block with right angle male plug. Provides maximum safety. Manual test-reset buttons. PowerLite™ plug glows when the cord has power. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983155</b>	2814	2'	12/3	15A	<b>WEB</b>



### Yellow Jacket® Multi Outlet Lighted Power Cord

**Woods** Yellow Jacket compound is more flexible and abrasion resistant at any temperature than standard vinyl compounds. Lighted 3-outlet (spaced every 8') 25' power cord. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983157</b>	2830	25'	12/3	15A	<b>WEB</b>



### Yellow™ Jacket 3-Outlet Lighted Power Cord

**Woods** Extra heavy duty 600V insulated wire. Lighted 3-outlet power block features high-gloss, super-flexible wire in a tough molded unit that withstands heat, cold and rough use. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>983158</b>	2882	2'	12/3	15A	<b>WEB</b>



### Hi-Vis/Low Temp Extension Cord

**Coleman Cable** Single-end cord w/power indicator light. High-visibility bright blue cord. Provides super-flexibility at temperatures down to -45°F. UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	Price
<b>983149</b>	02367	25'	16/3	<b>WEB</b>



### Tool Replacement Cord

**Coleman Cable** UL listed.

Stk.	Mfr.	Length	Gauge/Conductor	125V Rating	Price
<b>942739</b>	09706	6'	16/3	13A	<b>WEB</b>



### Cord Wrap

**Bayco** Stores extension cords, work lights, coaxial cable, TV antenna wire, speaker wire, rope, holiday lights and more. Heavy-duty impact resistant plastic. Holds up to 150' 16 ga., 3-wire extension cord. Orange.

Stk.	Mfr.	Price
<b>942827</b>	K-150	<b>WEB</b>



### Cable Wraptor™

**Gardner Bender** Wrap and hang cords, cables, worklights, chains, hoses and more. Features easy-carry T-handle, large-grip teeth, quick-release trigger, stainless steel hinge, cable tie looping hole and large hang hole. Red and black.

Stk.	Mfr.	Price
<b>416580</b>	CW-T2RR25	<b>WEB</b>



### Performance Tool Carabiner

**Performance Tool** Lightweight aluminum construction with ergonomic soft grip handle for carrying extension cords, power tools and more. Maximum weight 100 lbs.

**Not for climbing.**

Stk.	Mfr.	Length	Price
<b>976488</b>	W461	5"	<b>WEB</b>
<b>976489</b>	W463	7"	<b>WEB</b>

## CABLE & WIRE



### Parallel Lamp Cords

**Coleman Cable** Use for lamps and any project drawing normal current. 11 x .20 O.D.

Stk.	Mfr.	Gauge	Color	Length	Price
<b>983128</b>	60000-66-07	18	Brown	250'	<b>WEB</b>
<b>983129</b>	60000-66-01	18	White	250'	<b>WEB</b>
<b>983130</b>	60000-66-08	18	Black	250'	<b>WEB</b>
<b>983133</b>	60000-66-18	18	Clear	250'	<b>WEB</b>



### Speaker Wire

**Audiovox** Spooled wire.

Stk.	Mfr.	Gauge	Color	Length	Price
<b>942939</b>	AH100R	24	Clear	100'	<b>WEB</b>
<b>943205</b>	AH1850R	18/2	Polarized	50'	<b>WEB</b>



### Heavy-duty Wire Cords

**Coleman Cable** Flexible, tough-jacketed cord withstands -50°C to 105°C temperatures. Seoprene offers excellent abrasion, ozone, sunlight, chemical and oil resistance, water and mold resistant, non-wicking lightweight polypropylene fillers. Water resistant with high dielectric insulation. Special uses requiring flexibility and mechanical toughness, high environmental resistance and flame retardant. Push-button remote controls. Motor control, stage equipment and lighting. Industrial control and robotic systems. Outdoor appliances. Water submersion approved.

Stk.	Mfr.	Length	Gauge/Conductor	Price
<b>958270</b>	55044503	250'	18/3	<b>WEB</b>
<b>958203</b>	55040303	250'	16/3	<b>WEB</b>



### PVC Hook-Up Wire

**Multicomp Pro** Solid PVC jacket houses 25' of tinned copper hook-up wire for point-to-point wiring of internal 300V electrical and electronic equipment, meters, computers, business machines, appliances and control panels.

Length: 25'

Stk.	Mfr.	Gauge	Color	Price
<b>533295</b>	24-15412	22	Red	<b>WEB</b>
<b>533296</b>	24-15414	22	Yellow	<b>WEB</b>
<b>533297</b>	24-15415	22	Green	<b>WEB</b>
<b>533298</b>	24-15419	22	White	<b>WEB</b>
<b>533299</b>	24-15430	24	Black	<b>WEB</b>



## 22 Ga. Solid Hook-Up Wire

**Elenco** For general wiring that is not subject to repeated flexing and for solderless breadboards. Maximum recommended current 7A. Insulation rated to 300V.

Length: 25'

Stk.	Mfr.	Color	Price
<b>390426</b>	WK-103	Red, Yellow, Black	<b>WEB</b>
<b>390427</b>	WK-106	Red, Yellow, Black, White, Green, Blue	<b>WEB</b>



## 24 Ga. Stranded Hook-up Wire

**Multicomp Pro** 300V stranded PVC hook-up wire is perfect for internal, point to point wiring of electrical and electronic equipment, meters, computers, business machines, appliances and control panels.

Length: 25'

Stk.	Mfr.	Color	Price
<b>533290</b>	24-15122	Red	<b>WEB</b>
<b>533291</b>	24-15120	Black	<b>WEB</b>
<b>533292</b>	24-15124	Yellow	<b>WEB</b>
<b>533293</b>	24-15125	Green	<b>WEB</b>
<b>533294</b>	24-15129	White	<b>WEB</b>



## Magnet Wire

**Kelvin** Copper enamel wire. 1 lb.

Stk.	Mfr.	Gauge	Length	Price
<b>492164</b>	330128	22	514'	<b>WEB</b>



## Primary Wire

**Coleman Cable** General purpose wiring for automobiles, boats, trucks, buses, tractors, trailers and other motor-driven equipment.

Stk.	Mfr.	Gauge	Color	Length	Price
<b>983160</b>	55-66-66-23	16	Black	100'	<b>WEB</b>
<b>983161</b>	55-66-73-23	18	Black	100'	<b>WEB</b>



## Wire Spool Rack

**Durham** Prime cold-rolled steel rack with rust and acid-resistant gray baked enamel finish. Polished steel 5/8" dia. rods. Keyhole slots for wall mounting. The 4 rods hold up to 10" dia. spools.

Stk.	Mfr.	Overall Size	Price
<b>345013</b>	368-95	26-1/8"W x 5-7/8"D x 36-1/2"H	<b>WEB</b>



## Alligator Clips

**Gardner Bender** Plated steel clips with spring loaded jaws. Wire leads may be soldered, crimped or wound around screw post. 5 amp rating. 2"L.

Stk.	Mfr.	Type	Qty.	Price
<b>416570</b>	14-076	Non-insulated	4	<b>WEB</b>
<b>416571</b>	14-077	Insulated	2	<b>WEB</b>

## Romex Cable

**Southwire** Nonmetallic sheathed cable with copper ground.

Stk.	Mfr.	Type	Size	Price
<b>958000</b>	12-2	12/2	250'	<b>WEB</b>
<b>958001</b>	12-3	12/3	250'	<b>WEB</b>
<b>958064</b>	14-2	14/2	250'	<b>WEB</b>
<b>958135</b>	14-3	14/3	250'	<b>WEB</b>



## Romex Metal Cable Staples

**Gardner Bender** For 2-conductor nonmetallic wire.

Stk.	Mfr.	Size	Qty.	Price
<b>942822</b>	MS-150	1/2" x 1"	100	<b>WEB</b>
<b>942824</b>	MS-175	9/16" x 1-1/4"	100	<b>WEB</b>



## Insulated Staples

**Gardner Bender** Connect low-volt electrical wire to wood surfaces with 1/8" fiber insulated steel staples.

Stk.	Mfr.	Size	Qty.	Price
<b>942911</b>	MSB-1540	1/8"	40	<b>WEB</b>



## Wire Nuts

**Gardner Bender** For copper wire only. Nuts are polypropylene, square spring.

Stk.	Mfr.	Size	Gauge	Qty.	Price
<b>943030</b>	10-003	Small (orange)	22-14	100	<b>WEB</b>
<b>943031</b>	10-004	Medium (yellow)	18-12	100	<b>WEB</b>
<b>943032</b>	10-006	Large (red)	18-10	100	<b>WEB</b>



## Wire Connector Kit

**Gardner Bender** WireGuard connectors feature a straight type Polypropylene shell with side knurling for an easy grip. WingGuard connectors feature a high-leverage, easy-on, wing-type design.

**Includes** AWG Wire Connectors: 101 gray, 101 orange, 101 yellow, 25 red, 101 blue. AWG Wing-Style Wire Connectors: 10 gray, 25 red, 10 blue, 101 yellow and molded case.

Stk.	Mfr.	Qty.	Price
<b>416710</b>	CK-570	570	<b>WEB</b>



## Electrical Tape

**Gardner Bender** General purpose 7 mil electrical tape with durable adhesive is made from low-lead PVC, is resistant to abrasion, UV rays, moisture and many acids.

Stk.	Mfr.	Width	Length	Color	Price
<b>590380</b>	GTP-607	3/4"	60'	Black	<b>WEB</b>



## Electrical Tape, 5-Pack

**Performance Tool** For multiple uses around the shop. Cold and weather resistant.

Stk.	Mfr.	Width	Length	Color	Price
<b>976500</b>	W548	3/4"	30'	Black	<b>WEB</b>





### Professional Electrical Tape

**Duck** Ideal for most electrical work and applications requiring extreme endurance and resistance against cuts and scratches, even under severely cold temperatures. Meets and conforms to UL and CSA building codes.

Stk.	Mfr.	Width	Length	Color	Price
<b>943399</b>	04141	3/4"	66'	White	<b>WEB</b>



### Vinyl Electrical Tape

**Gardner Bender** Assorted 7 mil. vinyl tape for marking wires and circuits. 5 pack includes red, orange, blue, green and white.

Stk.	Mfr.	Width	Length	Price
<b>942937</b>	GTPC-550	1/2"	20'	<b>WEB</b>



### Liquid Electrical Tape

**Gardner Bender** Liquid coating for insulating and protecting electrical splices and connections. Waterproof tape won't unravel or deteriorate. For indoor/outdoor use. Brush-on applicator.

Stk.	Mfr.	Size	Color	Price
<b>416650</b>	LTB-400	4 oz. bottle	Black	<b>WEB</b>
<b>416651</b>	LTR-400	4 oz. bottle	Red	<b>WEB</b>



### Friction Tape

**Gardner Bender** Black friction tape with matted finish provides gripping surface. Use for electrical splices, wrapping grips and other uses.

Stk.	Mfr.	Width	Length	Price
<b>416611</b>	GTF-600N	3/4"	60'	<b>WEB</b>



### Flat Steel Fish Tape

**Klein** Fish Tape in an easy-to-use winder reel keeps flat spring-steel tape in its place and under control. Easy grip design lets you turn reel in either direction for 1-hand feed or take up while other hand directs tape or brings it back in tight. Lightweight, shatterproof with 4 view ports to let you gauge amount of tape remaining.

Stk.	Mfr.	Size	Price
<b>945320</b>	50211	100' x 1/8" x .045"	<b>WEB</b>



### Streamline Steel Fish Tape

**Gardner Bender** Tape winds directly into housing. Shatter-proof, stands up to abuse. 4 viewing ports show tape remaining. Easy disassembly for fast replacement of tape.

Stk.	Mfr.	Size	Price
<b>416717</b>	FTS-50B	50' x 1/8" x .045"	<b>WEB</b>



### Insulated Solderless Terminal Kits

**Gardner Bender**

**416829**

**416800**

**416830**

**80-Piece** Large selection of popular reusable terminals and connectors. 22-10 AWG. **Includes** WireGard™ connectors, female disconnects, ring & spade terminals, butt & tap splices, plus case.

Stk.	Mfr.	Price
<b>416829</b>	TK-100	<b>WEB</b>

**100-Piece** Fifteen insulated terminal styles and a multi-use stripper/crimper contained in a convenient reclosable case.

Stk.	Mfr.	Price
<b>416800</b>	GK-15N	<b>WEB</b>

**175-Piece** Large selection of reusable terminals and connectors for general use. **Includes** stud ring & spade terminals, butt terminals, male & female disconnects.

Stk.	Mfr.	Price
<b>416830</b>	TK-175	<b>WEB</b>



### Heat Shrink Tubing

**Gardner Bender** Insulate and seal electrical splices with this moisture and chemical resistant tubing. Use above or below ground. 4"L.

**Includes** four 1/8", two 3/16" and two 1/4".

Stk.	Mfr.	Price
<b>942900</b>	HST-AST	<b>WEB</b>



### Heat Shrink Tubing Assortment

**Performance Tool** Heat shrink assortment of various diameters and lengths, 1-3/16" to 39-3/8". Shrink ratio 2:1.

Stk.	Mfr.	Qty.	Price
<b>976495</b>	W540	171	<b>WEB</b>



### Nylon Cable Ties

**Gardner Bender** Self-locking nylon ties for bundling wire, cables, harnesses and more. 75 lbs. tensile strength.

#### White

Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>942906</b>	46-308	8"	2"	100	<b>WEB</b>
<b>942910</b>	46-308MN	8"	2"	1,000	<b>WEB</b>

#### Black UV resistant.

Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>942908</b>	46-310UVB	11"	3"	100	<b>WEB</b>



### 8" Nylon Cable Ties

**Gardner Bender** Double lock cable ties of 100% nylon 6/6 material. Locking teeth on both sides of the tie and at the head ensuring a strong connection. Assorted fluorescent. 75 lbs. tensile strength.

Stk.	Mfr.	Length	Bundle Dia.	Qty.	Price
<b>416575</b>	46-308FST	8"	2"	100	<b>WEB</b>



### Cable Tie Assortment

#### Fastener Barn

**Includes** 135 cable ties (4"L - 11"L, 18 lbs. - 50 lbs. tensile strength), 10 adhesive mounts 3/4" x 3/4" & 10 screw mounts 3/4" x 1/2", plus plastic case w/informational top.

Stk.	Mfr.	Qty.	Price
<b>485509</b>	CT99	155	<b>WEB</b>

### 250-Piece Cable Tie Assortment

#### Performance Tool

**Includes** 4" with 18 lb. tensile strength 25 ea. (yellow, blue), 6" with 18 lb. tensile strength 25 ea. (white, black), 8" with 40 lb. tensile strength 25 ea. (red, green), 50 ea. (white, black).

Stk.	Mfr.	Price
<b>976565</b>	W2918	<b>WEB</b>



### Adjustable Cable Tie Gun

**Performance Tool** Automatically flush cuts unused portion of cable tie.

Capacity: 3/32"W to 3/16"W, up to 1/16" T

Stk.	Mfr.	Price
<b>976566</b>	W2919	<b>WEB</b>



### Velcro

Great for indoor and outdoor projects requiring a superior-strength or waterproof fastener. Black industrial-strength strips for strong closures. **Includes** pkg. w/built-in dispenser.

Stk.	Mfr.	Size	Qty.	Price
<b>942810</b>	90199	2"W x 4"L	2 strips	<b>WEB</b>
<b>942812</b>	90197	2"W x 15'L	1 roll	<b>WEB</b>

General purpose black press-on fasteners are great for smooth surfaces such as painted wallboard, glass, metal and most plastics.

Stk.	Mfr.	Size	Qty.	Price
<b>942825</b>	90072	7/8"W x 7/8"L	12 squares	<b>WEB</b>

## PLUGS, RECEPTACLES & SWITCHES



### Plug Adapter

**Pass & Seymour** Grounding adapter converts outlet to 3-wire grounding outlet. Adapter has a rigid grounding lug.

Stk.	Mfr.	Price
<b>376072</b>	210-G	<b>WEB</b>



### Specification Grade Rubber Connector

**Pass & Seymour** Three-wire grounding type has cord clamp. Adapts to .25" to .60" dia. cord. UL listed.

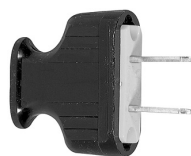
Stk.	Mfr.	Price
<b>375804</b>	114GMCCC16	<b>WEB</b>



### Dead Front Cap Male Plug w/Ground

**Pass & Seymour** Heavy-duty 2 pole, 3 wire plug with chemical resistant rubber construction. Black. 15 amps @ 125V. NEMA 5-15P.

Stk.	Mfr.	Color	Price
<b>377570</b>	111GMCCC10	Black	<b>WEB</b>



### Flat Handle Straight Blade Plug

**Pass & Seymour** Thermoplastic flat nonpolarized 2-pole, 2-wire plug. 15 amps @ 125V. NEMA 1-15P.

Stk.	Mfr.	Color	Price
<b>377590</b>	48643BPCC10	Brown	<b>WEB</b>



### Straight Blade Polarized Plug

**Pass & Seymour** Double pole, double wire, straight blade polarized plug. 15 amp, 125V.

Stk.	Mfr.	Color	Price
<b>377650</b>	SA540CC10	Brown	<b>WEB</b>
<b>377651</b>	SA540WCC10	White	<b>WEB</b>



### Single-pole Toggle Switch

**Gardner Bender** On/off single-throw switch for household appliances and power tools. Screw terminals.

10 amps @ 277 VAC. 20 amps @ 125 VAC. 1-1/2 HP, 125-250 VAC.

Stk.	Mfr.	Price
<b>416730</b>	GSW-10	<b>WEB</b>



### Porcelain Keyless Lamp Holder

**Pass & Seymour** One-piece white medium base fits 3-1/4" and 4" boxes. Two terminals with tri-drive screws with cage neck. Rating 660W, 250V.

Stk.	Mfr.	Qty.	Price
<b>375867</b>	272CC18	1	<b>WEB</b>



### General-duty Quiet Switches

**Pass & Seymour** High-impact resistant thermoplastic toggle and frame. Tri-drive ground, terminal and mounting screws. Easy-access green hex head ground screw. Extra long strap. Side wire #12 and #14 AWG. Speed wire #14 AWG. Release slots provided. Smooth, quiet toggle action. UL and CSA listed.

15 amps @ 120V. Size 1.25"W x 4.195"H x 1.090"D.

#### Single-pole

Stk.	Mfr.	Color	Price
<b>377530</b>	660GUCC18	Brown	<b>WEB</b>
<b>377532</b>	660IGU	Ivory	<b>WEB</b>

#### 3-way

Stk.	Mfr.	Color	Price
<b>377540</b>	663-GTU	Brown	<b>WEB</b>
<b>377542</b>	663-IGTU	Ivory	<b>WEB</b>

#### 4-way

Stk.	Mfr.	Color	Price
<b>377575</b>	664GCC	Brown	<b>WEB</b>
<b>377576</b>	664IGCC	Ivory	<b>WEB</b>



### Dimmer Switch

**Lutron** Push on/off rotary dimmer has full range dimming and 600W, 120V, single pole capacity. UL listed.

**Includes** white & ivory knobs.

**Shown w/wall switch plate, sold separately.**

Stk.	Mfr.	Price
<b>942927</b>	D-600PH-DK	<b>WEB</b>



### Duplex Straight Blade Receptacle

**Pass & Seymour** Two-pole, 3-wire grounding receptacles constructed of high-impact resistant thermoplastic. Quickloop wire looping aid, extra-large circuit break-off tabs, side-access speed wire release. Side wire accepts #12-#14 AWG solid only, speed wire accepts #14 solid only. UL and CSA listed.

15 amps @ 125VAC. NEMA WD-1, 5-15R, 2P3W grounding.

Stk.	Mfr.	Color	Price
<b>375864</b>	3232-TU	Brown	<b>WEB</b>
<b>375866</b>	3232-ITU	Ivory	<b>WEB</b>



### Duplex & Switch Plates

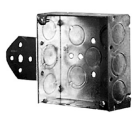
**Pass & Seymour** Nonflammable. Individually wrapped with screws.

#### Duplex

Stk.	Mfr.	Color	Price
<b>377640</b>	TP8CC25	Brown	<b>WEB</b>
<b>377641</b>	SP8IUCC100	Ivory	<b>WEB</b>

#### Switch

Stk.	Mfr.	Color	Price
<b>377646</b>	SPIU	Brown	<b>WEB</b>
<b>377639</b>	TPICC100	Ivory	<b>WEB</b>



### Electrical Boxes

**Raco** Steel, deep-bracket switch box with 1/2" knockouts. UL listed.

Stk.	Mfr.	Description	Size	Knockouts	Price
<b>942925</b>	8504	Switch (gangable)	3" x 2-1/2"	6	<b>WEB</b>
<b>942923</b>	8193	Receptacle Square	4" x 1-1/2"	15	<b>WEB</b>
<b>943259</b>	153	Receptacle Octagon	4" x 1-1/2"	7	<b>WEB</b>
<b>943260</b>	8125	Receptacle SQ./Flat	4" x 1-1/2"	9	<b>WEB</b>

**943259** With MC/BX cable clamps for MC/Armored Cable/MCI-A Flex Cable wiring.

**943260** For conduit wiring.



### Receptacle Covers

**Raco** Steel covers. UL listed.

Stk.	Mfr.	Description	Size	Price
<b>942926</b>	731	Receptacle Octagon	4"	<b>WEB</b>
<b>943258</b>	8752	Receptacle Sq. Flat	4"	<b>WEB</b>

1/2" exposed rise cover (w/flat corner) for surface mount applications.

Stk.	Mfr.	Description	Size	Price
<b>943255</b>	800C	Switch Sq. Raised	4"	<b>WEB</b>
<b>943257</b>	902C	Receptacle Sq. Raised	4"	<b>WEB</b>



### Electrician's Screw Assortment Kit

**Gardner Bender** Commonly used electrical machine screws. Slotted round-head screws for switches, receptacles & outlet applications. Zinc-plated steel.

**Includes** 8-32 round head screws 1/2", 3/4", 1", 1-1/4", 1-1/2" & 2".

Stk.	Mfr.	Qty./Pkg.	Price
<b>416826</b>	SK-832T	120	<b>WEB</b>

## TOOLS



### Electrician's Tool Set

**Klein** The tools needed to teach the skills of the trade.

**Includes** side-cutting pliers, diagonal-cutting pliers, long-nose pliers, pump pliers, adjustable wrench, 2 keystone-tip screwdrivers, 2 cabinet-tip screwdrivers, wire-bending screwdriver, square-recess tip screwdriver, Rapi-Drive® screwdriver, conduit-fitting & reaming screw-

driver, 7 nutdrivers, power-return rule, torpedo level, crimper/cutting tool, wire stripper/cutter, utility knife, protective eyewear, canvas zipper bag & 16" canvas tool bag.

Stk.	Mfr.	Item	Price
<b>945550</b>	80028	28-Piece Set	<b>WEB</b>



### 14-Piece Electrician's Tool Set

**Klein** A great assortment of tools for the electrician.

**Includes** high-leverage side-cutting pliers, 8" heavy-duty long-nose side-cutting pliers, 8" high-leverage diagonal-cutting pliers, 10" pump pliers w/1-3/4" jaw capacity, 3" #1 Phillips cushion-grip screwdriver, 4" wire bending #2 Phillips cushion-grip screwdriver, 4" x 1/4" & 6"

x 1/4" cabinet-tip cushion-grip screwdrivers, 3/16" Rapi-Drive® cabinet-tip cushion-grip screwdriver, 25' tape measure, wire stripper/cutter for 10-18 AWG solid wire, 8-pocket leather tool pouch & adjustable web belt.

Stk.	Mfr.	Price
<b>945545</b>	80014	<b>WEB</b>



### 18-piece Journeyman Tool Set

**Klein** Comfortable and durable tools for the professional.

**Includes** side-cutting pliers, diagonal-cutting pliers, long-nose pliers, pump pliers, adjustable wrench, Phillips screwdriver, wire-bending screwdriver, 2 cabinet-tip screwdrivers, Rapi-Drive® screwdriver, square-recess screwdriver, 2 nut drivers, power-return rule,

Klein-Kurve® wire stripper/cutter, safety glasses, powerline work belt & 10-pocket tool pouch.

Stk.	Mfr.	Price
<b>945560</b>	80118	<b>WEB</b>



### Nut Driver

**Great Neck** Constructed of chrome vanadium steel hollow shaft and acetate handle. Color coded for easy tip identification.

Stk.	Mfr.	Size	Price
<b>281193</b>	ND5C	1/4"	<b>WEB</b>
<b>281194</b>	ND7C	5/16"	<b>WEB</b>
<b>281195</b>	ND8C	11/32"	<b>WEB</b>
<b>281196</b>	ND9C	3/8"	<b>WEB</b>
<b>281197</b>	ND10C	7/16"	<b>WEB</b>
<b>281198</b>	ND11C	1/2"	<b>WEB</b>
<b>281191</b>	ND72	7-Piece 3/16"-1/2"	<b>WEB</b>
<b>281189</b>	ND71	7-Piece 6-12mm	<b>WEB</b>



### Color-coded Nut Driver 10-Piece Set

**Xcelite** SAE full hollow shaft nut driver kit.

**Includes** 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16" and case.

Stk.	Mfr.	Price
<b>308811</b>	HS618N	<b>WEB</b>



### Hollow Shaft Nut Driver Sets

**CHAN NEL LOCK** High-torque, 3-sided Code Blue® grips. Steel blade is attached to the steel cap on the back of handle.

**7-Piece Standard Includes** 11/32", 1/2", 1/4", 3/16", 3/8", 5/16" and 7/16".

Stk.	Mfr.	Price
<b>301360</b>	ND-7CB	<b>WEB</b>

**7-Piece Metric Includes** 5, 6, 7, 8, 9, 10, 11 mm.

Stk.	Mfr.	Price
<b>301361</b>	MD-7CB	<b>WEB</b>



### Conduit Bender

**Rigid** High-strength cast iron with smooth side walls grip conduit snugly to minimize distortion. Bending grooves conform to standard code radii. Marks indicate 30°, 45°, 60° and 90° bends. Handle not included.

**Bends** 1" thin-wall & 3/4" heavy-wall conduit to 6-1/2" inside radius.

Stk.	Mfr.	Price
<b>692724</b>	35225	<b>WEB</b>

**Bends** 1/2" thin-wall conduit to 4" inside radius.

Stk.	Mfr.	Price
<b>692720</b>	35215	<b>WEB</b>

**Bends** 3/4" thin-wall & 1/2" heavy-wall conduit to 5" inside radius.

Stk.	Mfr.	Price
<b>692722</b>	35220	<b>WEB</b>



### Multi-purpose Wiring Tool

**CHAN NEL LOCK** Strips wire with no damage

to conductor. Scissor-type blades are precision ground and heat-treated to hold their edge. Cuts machine bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32 & 10-24 without damaging threads. Crimps both insulated and non-insulated wire. Channellock Blue® comfort grips. USA made.

Strips AWG wire sizes: 10, 12, 14, 16, 18, 20 & 22.

Stk.	Mfr.	Length	Price
<b>301522</b>	908	8-1/4"	<b>WEB</b>



### Crimping Tool

**CHAN NEL LOCK**

Precision-forged high grade carbon tool steel. Designed for crimping of both insulated and non-insulated solderless connections and terminals on 10 to 22 AWG wire. Crimping nest is specially hardened. Cutters in nose are honed and hardened to hold clean-cutting edge over many cuts. Slim nose permits crimping in small spaces. Channellock Blue® comfort grips. USA made.

Crimps AWG wire sizes: 10 to 22.

Stk.	Mfr.	Length	Price
<b>301523</b>	909	9-3/4"	<b>WEB</b>



### Crimping Pliers

**Gardner Bender** Crimp insulated or non-insulated terminals on 10 to 22 AWG wire. Cuts copper and aluminum wire. Tapered nose. Comfort grips.

Crimps AWG wire: 10 to 22.

Stk.	Mfr.	Length	Price
<b>416719</b>	GS-388	8"	<b>WEB</b>



### Dual Purpose Wire Stripper/Cutter

**CHAN NEL LOCK**

Cuts copper wire only. Precision-ground, heat treated scissor-type blades hold their edge. Lean nose pulls and loops wire ends. Precision wire stripping holes. AWG and mm wire gauge sizes are painted and embossed. Blue comfort grips. USA made.

Strips AWG wire: 10-20.

Stk.	Mfr.	Length	Price
<b>301560</b>	958	6"	<b>WEB</b>



### Locking Wire Stripper

**Gardner Bender** Strips solid or stranded wire. Precision stripping stations with laser-etched markings. Comfort high-leverage locking handles and power

spring return reduce hand fatigue. Looping hole forms wire to fit on screw terminal.

Strips AWG wire: 10-20.

Stk.	Mfr.	Length	Price
<b>416728</b>	GS-360	6"	<b>WEB</b>



### Self-Adjusting Wire Stripper

**Quick-Grip** Crimps wire 10-22 AWG insulated, 10-22 AWG non-insulated and 7-9mm ignition terminals. Swivel knob micro-adjusts for gauges smaller than 20 AWG. Adjustable

stopper controls the length of the core strip. ProTouch™ grips provide maximum comfort and reduced hand fatigue.

Strips/cuts AWG wire: 10-24.

Stk.	Mfr.	Length	Price
<b>619538</b>	2078300	8"	<b>WEB</b>



### Adjustable Wire Stripper Cutter

**Klein** Compact tool for stripping insulation. Spring-loaded, self-opening. Hole for looping or bending wire. Adjustable slide stop with set screw for repeat stripping work. Made in USA.

Strips and cuts 12-26 AWG Solid, 14-28 AWG Stranded.

**Do not use to cut steel wire or bolts.**

Stk.	Mfr.	Length	Price
<b>945117</b>	1004	5"	<b>WEB</b>





### Multi-Tool Stripper/Crimper/Cutter

**Irwin** Induction hardened cutting stay-sharp edge. Pliers-style nose allows pulling and looping in wire. Cuts bolts to size and leaves perfect lead thread. Crimps insulated, non-insulated terminals. ProTouch™ comfort grips reduce fatigue.

Strips/cuts AWG wire: 10-22.

**Meets or exceeds ANSI standards.**

Stk.	Mfr.	Length	Price
<b>619484</b>	2078309	8-1/2"	<b>WEB</b>



### Wire Stripper/Crimper/Cutter

**Irwin** Wire cutting jaw with scissor-action spring provides quick and easy wire cutting with 6 stripping stations. Crimps insulated and non-insulated terminals. Pliers-style nose allows pulling and looping of wire. ProTouch™ grips provide maximum comfort and reduced hand fatigue. Quick release lock protects blade.

Strips AWG wire: 10-20

Stk.	Mfr.	Length	Price
<b>619499</b>	2078317	7"	<b>WEB</b>



### Multi-Tool Stripper/Cutter/Crimper

**Gardner Bender** Pliers nose for pulling and looping wire. Curved cutting blade. Comfort high-leverage handles. Crimps insulated and non-insulated terminals and coaxial F connectors. Precision-ground stripping stations prevent nicking conductor. Cuts, rethreads bolt sizes 4-40, 5-40, 6-32, 8-32, 10-24 and 10-32.

Strips/cuts AWG wire: 10-22.

Stk.	Mfr.	Length	Price
<b>416729</b>	GS-370	8-1/2"	<b>WEB</b>



### Multi-purpose Electrician's Tool

**Klein** Cuts, crimps, and strips solid and stranded wire and shears bolts, and offers 2 cutting blades for convenience. The plastic-covered handles are cushioned for added comfort. Shears bolts; crimps 7-8 mm terminals, lugs and splices. Strips/cuts AWG solid wire: 8-22 and AWG stranded wire: 10-26.

**Grips do not protect against electric shock.**

Stk.	Mfr.	Length	Price
<b>945115</b>	1001	8-1/2"	<b>WEB</b>



### Klein-Kurve® Dual NM Cable Stripper Cutter

**Klein** Cleanly remove the outer jacket of 12/2 and 14/2 stripping slots quickly remove outer jacket of Type NM-B non-metallic-sheathed cable. Cleanly shears 6-32 and 8-32 screws.

Strips, cuts and loops 12 and 14 AWG solid wire. Curved handles and narrow nose help reach into confined areas. Strong-gripping serrated nose easily bends, shapes and pulls wire. Coil spring provides fast self-opening action. Comfort grips.

Strips AWG wire: 12 and 14.

Stk.	Mfr.	Length	Price
<b>945151</b>	K1412	7-3/4"	<b>WEB</b>



### 6-in-1 Stripper Cutter

**Klein** Shears bolts clean, measures stud sizes, cuts and strips wire, gauges wire sizes and crimps insulated terminals. Cuts bolt sizes 10-24, 10-32, 8-32, 6-32 and 4-40. Plastic covered handles for comfort.

Strips AWG wire: 10 to 22 (4.0 to .34mm²).

Stk.	Mfr.	Length	Price
<b>945114</b>	1000	7-1/2"	<b>WEB</b>



### 6-in-1 Combination Wire Pliers

**Milwaukee** 6-in-1 pliers feature a forged dual head for wire stripping and needle nose functionality. A reamer is integrated into the pliers head for smoothing out rough edges of metal pipe and curved blade allows for clean cuts through larger wire sizes. Thread cut #6 and #8 bolts. Swing-lock design for fast 1-handed operation.

Strips AWG solid wire: 8-18 and AWG stranded wire: 10-20

Stk.	Mfr.	Length	Price
<b>577496</b>	48-22-3079	7-3/4"	<b>WEB</b>



### Wire Stripper/Cutters

**Klein** Cuts, strips, loops and gauges stranded wire. The precision-ground holes cleanly cut wire and strip insulation. The narrow nose fits into tight places. Shear-type cutting blades, textured handles, easy-read wire gauge markings. Spring-loaded action for self-opening. Black-oxide finish resists corrosion. Made in USA.

**Do not use for cutting steel wire or bolts.**

**Stranded Wire** Strips and cuts 16-26 AWG.

Stk.	Mfr.	Length	Price
<b>945315</b>	11046	6-1/4"	<b>WEB</b>

**Solid Wire** Strips and cuts 10-18 AWG.

Stk.	Mfr.	Length	Price
<b>945316</b>	11045	6-1/4"	<b>WEB</b>



### Heavy-duty Cable Cutters

**CHAN. NEL. LOCK** Designed for maximum cutting power with minimum effort. Features broader handles and closely-mated cutters for better leverage and extra comfort. Induction-hardened cutting edges are made from special grade carbon steel to permit clean, accurate cuts with minimum cable distortion. Channellock Blue® plastic cushion-grips.

Cuts up to 4/0 aluminum, up to 2/0 soft copper. Not for steel or ACSR cable.

Stk.	Mfr.	Length	Price
<b>301525</b>	911	9-1/2"	<b>WEB</b>



### High-leverage Cable Cutter

**Klein** Special high-leverage design gives this cutter amazing cutting capability for its size. Ideal for working in confined spaces. Tough, comfortable, red plastic-dipped handles.

Cuts up to 4/0 aluminum, up to 2/0 soft copper.

Not for steel or ACSR cable.

Stk.	Mfr.	Length	Price
<b>945350</b>	63050	9-1/2"	<b>WEB</b>

### Two-in-one Electrician's Knife



**Gardner Bender** Two-in-one pocket knife has sharpened blade for skinning wire and screwdriver tip for screws. Tempered carbon-steel blades sharpen easily and hold their edge.

Stk.	Mfr.	Length	Price
<b>416750</b>	KF-200	3-3/4"	<b>WEB</b>

### Cable Ripper and Wire Gauge



**Gardner Bender** The nickel-plated finish offers corrosion-resistant durability. Handy design slits outer covering of all sizes (both old and new) of 12/2 and 14/2 non-metallic (type NM) sheathed cable. Wire gauge etched into the 4" handle for quick reference when stripping sheathing.

Stk.	Mfr.	Length	Price
<b>416714</b>	CR-100	4"	<b>WEB</b>

### Fuse Puller and Continuity Tester



**Gardner Bender** Made of non-conductive high-grade plastic, this 7" puller is designed for use with 0-200A/250V and 0-100A/600V fuses.

Safely remove 3/8" to 1-1/8" dia., class CC, G, H, J, K, R, and T cartridge fuses.

**Includes** 2 LR44 batteries.

Stk.	Mfr.	Price
<b>416591</b>	FPE-20T	<b>WEB</b>

## BATTERIES & POWER SUPPLIES

### Batteries



Stk.	Mfr.	Type	Qty.	Brand	Price
<b>943384</b>	2032BP-2N	3V Li-ion	2	Energizer	<b>WEB</b>
<b>687722</b>	6V	6V Carbon Zinc	1	Eveready	<b>WEB</b>
<b>687715</b>	9V	9V Alkaline	1	Duracell	<b>WEB</b>
<b>943496</b>	A1604-8PPK	9V Alkaline	8	Rayovac	<b>WEB</b>
<b>687731</b>	C	C Alkaline	4	Duracell	<b>WEB</b>
<b>943493</b>	814-12PPK	C Alkaline	12	Rayovac	<b>WEB</b>
<b>687745</b>	D	D Alkaline	4	Duracell	<b>WEB</b>
<b>943492</b>	813-12PPK	D Alkaline	12	Rayovac	<b>WEB</b>
<b>687720</b>	AA	AA Alkaline	4	Duracell	<b>WEB</b>
<b>943494</b>	815-24LTK	AA Alkaline	24	Rayovac	<b>WEB</b>
<b>687734</b>	AAA	AAA Alkaline	4	Duracell	<b>WEB</b>
<b>943495</b>	824-24LTK	AAA Alkaline	24	Rayovac	<b>WEB</b>
<b>943520</b>	L91SPB-4	AA Li-ion	4	Energizer	<b>WEB</b>
<b>943198</b>	L92BP-2	AAA Li-ion	2	Energizer	<b>WEB</b>

### Rechargeable Ni-Mh Batteries

**Energizer**



Stk.	Mfr.	Type	Qty.	Price
<b>942713</b>	NH22NBP	9V	1	<b>WEB</b>
<b>942709</b>	NH35BP-2	C	2	<b>WEB</b>
<b>942711</b>	NH50BP-2	D	2	<b>WEB</b>
<b>942719</b>	NH12BP-2	AAA	2	<b>WEB</b>
<b>942717</b>	NH15BP-2	AA	2	<b>WEB</b>
<b>942715</b>	NH15BP-4	AA	4	<b>WEB</b>

### Universal Battery Charger



**Energizer** Charges up to 8 AA, 8 AAA, 4 C, 4 D or 1 9V NiMH rechargeable batteries. Charges 4 AA batteries in approx. 3 hours. Easy-to-read LCD screen shows charging status of the batteries inside. Features auto shut-off to prevent over charge, short circuit and reverse polarity protection and bad battery detection.

**Includes** AC adapter.

Stk.	Mfr.	Price
<b>943265</b>	CHFC	<b>WEB</b>

### Battery Tester



**Gardner Bender** Analog meter with a 9-position rotary selector switch. 1-yr. mfr.'s warranty. Tests AA, AAA, C, D, N, 9V, 1.5V button cells, 1.25V Ni-Cd rechargeable, 3V Li-ion, 22.5V photo & lantern cells, 6V lantern cell, 12V & 5V photo cells.

**Includes** test leads & instructions.

Stk.	Mfr.	Price
<b>416600</b>	GBT-500A	<b>WEB</b>

### Analog Battery Tester



**Gardner Bender** Analog meter with low/good indicator. Movable contact arm fits various battery sizes. 1-yr. mfr.'s warranty. Tests AA, AAA, C, D, 9V & 1.5V button cells.

**Includes** instructions.

Stk.	Mfr.	Price
<b>416602</b>	GBT-3502	<b>WEB</b>

### DC Power Supply 1-15V



**Electronix Express** This DC power supply has an LED display, continuous variable from 1-15V, and maximum output current of 2A.

Size: 5.1" x 4.5" x 2.2". Weight: 11.5 oz.

Stk.	Mfr.	Price
<b>392001</b>	01PS28LED	<b>WEB</b>

### Variable Voltage Power Supply Kit



**Elenco** Portable power supply is ideal for breadboarding and prototyping. Short protected IC thermo. Assembly required.

Input voltage 120VAC.

Output voltage 0VDC - 15VDC.

Output current 0.3A @ 12V, 0.2A @ 15V.

Stk.	Mfr.	Price
<b>390345</b>	XP-15K	<b>WEB</b>

## TESTING EQUIPMENT

### Electrical Test Kit



**Klein** Digital Multimeter measures AC/DC voltage, DC current, resistance, and has a safety rating of CAT III 600V. Voltage Tester green LED indicates the tester is working; changes to red and warning tones sound when voltage is detected. Receptacle tester detects wiring configurations and indicates correct wiring, and identifies common wiring faults.

**Includes** multimeter, non-contact voltage tester, receptacle tester, test leads and batteries.

Stk.	Mfr.	Price
<b>945360</b>	69149	<b>WEB</b>



### Circuit Tester AC/DC

**Gardner Bender** Twin probe tester. Tests voltage from 80-250 VAC/DC, 360°. Visual output indicates the presence of voltage. UL listed.

Stk.	Mfr.	Price
<b>416607</b>	GET-3100	<b>WEB</b>



### Dual Range Non-Contact Voltage Tester

**Klein** This tester automatically detects low and standard voltage. Detects voltage with simultaneous visual and audible indicators. Dual Range- select 12-1000V AC or 70 1000V AC. Frequency 50 - 500 Hz. Auto power-off feature extends battery life. Safety rating CAT IV 1000V. Conforms to CE requirements.

**Includes** 2 AAA batteries.

Stk.	Mfr.	Price
<b>945019</b>	NCVT2P	<b>WEB</b>



### Non-Contact Voltage Tester

**General** Audible and visual voltage tester ideal for isolating voltage breaks in lines. Measures potential from hot wire to ground. Operating environment 32°-122°F. Indicates presence of voltage from 50-1000 VAC (ETL CAT III) or 50-600 VAC (ETL CAT IV). UL listed.

**Includes** 2 AAA batteries.

Stk.	Mfr.	Price
<b>419095</b>	VS3000A	<b>WEB</b>



### Digital AC Clamp Meter

**Elenco** Designed according to IEC-1010-2-032 safety requirement for hand-held current clamps. 3-1/2" digit LCD display. Audible continuity, data hold, insulation test.

AC voltage 200V to 750V (accr.  $\pm 1.0\%$  to  $\pm 1.2\%$ ), (resol. 0.1V). AC current 20A, 200A,

1000A (accr.  $\pm 4.0\%$ ,  $\pm 2.5\%$ ,  $\pm 3.0\%$ ), (resol. 100mA). DC voltage 200mV, 2V, 20V, 200V and 1000V (accr.  $\pm 0.5\%$  &  $\pm 0.8\%$ ), (resol. 0.1mV). Resistance 200W to 20MW (accr.  $\pm 1.0\%$ ), (resol. 0.1W). Insulation test 20MW  $\pm 2\%$ , 2,000MW  $\pm 4\%$  500V. Temperature 32°F-753°F and 754°F-1,382°F (reading  $\pm 1.0\%$  &  $\pm 2.0\%$ ).

**Includes** test leads, hand strap, manual and case.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>390496</b>	ST-1012	<b>WEB</b>



### Digital Multimeter 4-Function, 14-Range

**Gardner Bender** Designed to work on most household appliances and equipped with an easy-to-read 3.5" digital display. Tests AC /DC voltage, resistance and 1.5 and 9V batteries. Conforms to UL 61010-1 standards and certified to CAN/CSA C22.2.

DC voltage 600V. AC voltage 500V. Resistance 2 meg  $\Omega$ . Battery testing 1.5 and 9V.

**Includes** 2 test leads and instructions.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>416604</b>	GDT-3190	<b>WEB</b>



### Analog Multimeter, 5 function, 12-Range

**Gardner Bender** Ensure that electrical equipment is properly installed and safe to operate. Pocket-sized analog tester, with easy-to-read, color-coded displays. Tests voltage, DC voltage, DC current, resistance, continuity and batteries. Manual range selection includes a zero ohms adjustment dial. Fuse overload protection circuitry incorporated. 13-position rotary dial. 250 mA fuse.

DC voltage 10 to 500V. AC voltage 10 to 500V. DC current 0.5mA to 250mA. Resistance 1M $\Omega$ . Decibels -20dBA to +56dBA on ACV ranges.

**Includes** battery and test leads.

Stk.	Mfr.	Price
<b>416620</b>	GMT-312	<b>WEB</b>



### Auto Ranging Digital Multimeter

**Klein** For use in basic and controlled electromagnetic environments. Measures temperature, capacitance, frequency, duty-cycle and test diodes and continuity. CAT III 600V safety rating. Built to withstand a 3.3' drop and daily wear and tear. Low battery indicator and easily accessible battery compartment.

AC voltage 600V. AC current 10A. DC voltage 600V. DC current 10A. Resistance 40M $\Omega$ .

**Includes** test leads, 2 AAA batteries and thermocouple.

Stk.	Mfr.	Price
<b>945016</b>	MM400	<b>WEB</b>



### Digital Multimeter 820B

**RSR** Display 1999 Count (+/- 0.5%). DC Volts 200mV/2V/20/200/1000 (+/- .5%). AC Volts 200/750V (+/- 1.2%). DC Current 200u/2m/20m (+/- 1%) 10A (+/- 2%). Resistance 200/2K/20K/200K/2M (+/- 1%). HFE 1-1000 NPN, PNP Transistors. Diode Test.

**Includes** test leads.

Stk.	Mfr.	Price
<b>392000</b>	01DM820B	<b>WEB</b>



### Digital Multimeter, 3-Function

**Gardner Bender** Tester designed to work on most household appliances is equipped with an easy-to-read 3.5" digital display and 3 testing functions: AC Voltage to 500V, DC Voltage to 600V and Resistance to 2 meg Ohms. The 14-position manual ranging smooth rotary dial

helps achieve precise and accurate readings. Low battery indicator warns when the batteries need to be replaced. Housing drop resistant to 3' and crush rated to 150 lbs. Rated CAT III 600V and conforms to UL 61010-1 standards and certified to CAN/CSA C22.2.

DC voltage 2,000mV to 600V $\pm$  (1.2% +2 digits). Input impedance 10m $\Omega$ . AC voltage 200 to 500V $\pm$  (2.5% +5 digits). Resistance 200 $\Omega$  to 2,000k $\Omega$  $\pm$ .

**Includes** two 26" test leads.

**Requires 9V battery, sold separately.**

Stk.	Mfr.	Price
<b>416606</b>	GDT-311	<b>WEB</b>



### Digital Multimeter M-1750

**Elenco** 3-1/2 digit, 4,000 count display. Frequency to 10MHz. Capacitance to 200µF. Diode and transistor test, audible continuity and relative measurement. AC/DC current to 10A. 3-way overload protection.

AC/DC voltage 400mV to 600V. AC/DC current 400µA to 10A. Resistance 400Ω to 40MΩ. Capacitance 4nF to 200µF.

**Includes** battery, test leads, manual and holster.

Stk.	Mfr.	Price
<b>390491</b>	M-1750	<b>WEB</b>



### Digital Multimeter, 7-Function

**Gardner Bender** Multi-meter is equipped with an easy-to-read 3.5" backlit LCD and magnetic holding strap. Snap-in probes spaced to fit a standard outlet provide quick and easy testing with one hand. Seven testing functions: AC voltage, DC voltage, resistance, diode, continuity, temperature probe, batteries.

AC Voltage to 500V. DC Voltage to 600V. Resistance to 20 meg Ohms. Temperature Probe (32 to 482° F). Battery Testing for 1.5V batteries.

**Requires 2 AA batteries, sold separately.**

Stk.	Mfr.	Price
<b>416609</b>	GDT-3200	<b>WEB</b>



### 116 HVAC Multimeter

**Fluke** Specifically designed for HVAC professionals. It has everything you need to quickly troubleshoot problems with HVAC equipment and flame sensors, including a built-in thermometer to measure temperatures up to 752°F and microamps to test flame sensors. Measures resistance, continuity, frequency, and capacitance. The large white LED backlight makes it easy to see results even in poorly lit areas. CAT III 600 V safety rated.

AC voltage 600mV to 600V (4 ranges). AC current 600µA to .10µA. DC voltage 600mV to 600V (4 ranges). DC current 600µA to .10µA. Resistance 400Ω to 40MΩ (6 ranges). Capacitance 1nF to 1000µF.

**Includes** 9V battery, test leads, temperature probe and holster.

Stk.	Mfr.	Price
<b>407800</b>	116	<b>WEB</b>

## SOLDERING



### Soldering Fume Extractor

**Sentry** Lightweight, 16 ga. stainless steel ESD-Safe solder fume extraction unit is made for stationary, bench top applications that require the capture and filtration of airborne contaminants at the work surface. This has been proven to work well for solder fumes and smoke extraction. System is equipped with an energy-efficient fan and high-quality filtration media. These filters are unique in that the primary materials have been constructed from fire-retardant products. HEPA filtration is up to 99.97% efficient on particles 0.3 microns and larger, while ASHRAE filtration is up to 95% on particles 0.5 microns and larger. Reliable, low maintenance and quiet operation. Simple, quick "no tool" filter change.

115V/220V (115V Approx. 0.3 Amps), (220V Approx. 0.2 Amps). 8' grounded power cord with NEMA 5-15P plug. Air volume up to 80 CFM (varies with filter media). Sound level 62 dBA at 3'.

Cabinet material 16 ga. stainless steel.

Cabinet dimensions 6.25"L x 8"W x 8"H. Weight 8 lbs.

**Please specify voltage, 115V will be shipped if not specified.**

#### Fume Extractor

Stk.	Mfr.	Price
<b>773200</b>	SS-100-SS-ST	<b>WEB</b>

#### Fume Extractor with Wings

Stk.	Mfr.	Price
<b>773203</b>	SS-100-WS-ST	<b>WEB</b>

#### Fume Extractor with Wings and Lid

Stk.	Mfr.	Price
<b>773202</b>	SS-100-WSL-ST	<b>WEB</b>



### V250 Fume Extractor

**Bofa** Capture and remove potentially harmful fumes from hand soldering. Multiple configurations allow for portability in any classroom. Contains everything required for 2 operators with fast and easy installation. Features advanced carbon gas filter, 99.997% HEPA filtration and blocked filter indicator light.

115V 60/50Hz, 1.2 amps / 135W. Airflow / Pressure 106cfm / 30mbar. Sound level <61 dBA. Cabinet material White powder-coated mild steel. Cabinet Size 16.54" x 11.42" x 10.63". Weight 22 lbs.

**FumeCAB 250 Cabinet Includes** light and hose.

Stk.	Mfr.	Price
<b>273035</b>	E0841A0011	<b>WEB</b>

**V250 Fume Extractor Includes** filters and extraction arms with nozzles.

Stk.	Mfr.	Price
<b>273010</b>	A1020127	<b>WEB</b>



### 25W Professional Soldering Kit

**American Beauty** Professional soldering kit with accessories required to help you produce the best solder joints. Pencil-style soldering iron designed to provide enough heat to tackle any electronics wiring job.

Chisel tip .125" dia. Max. temp. 900°F. Electrode 1/8" dia.

**Includes** lead-free solder, fluxing pen, precision heat-sink, desoldering braid, stand, brass-sponge tip cleaner, tip tinner, abrasive cleaning pad and molded case.

Stk.	Mfr.	Watts	Volts	Price
<b>197220</b>	PSK25	25	120	<b>WEB</b>





### 85 Watt Soldering Gun Kit

**Performance Tool** This heavy-duty soldering gun heats up instantly to make the job fast and convenient. A built-in spotlight helps illuminate the work area. UL-listed.

**Includes** extra tip and soldering wire.

Stk.	Mfr.	Price
<b>976562</b>	W2019A	<b>WEB</b>



### 260/200 Watts Professional Soldering Gun

**Weller** Features instant heat, twin spotlight to illuminate work and long-reach, tin-plated copper soldering tip. Recommended for general purpose work.

#### Soldering Gun

Stk.	Mfr.	Watts	Volts	Price
<b>311221</b>	D550	260/200	120	<b>WEB</b>

**Soldering Gun Kit Includes** sealing tip, cutting tip, flux brush, soldering aid tool, coil of 40/60 rosin-core solder, case & soldering hints book.

Stk.	Mfr.	Watts	Volts	Price
<b>311224</b>	D550PK	260/200	120	<b>WEB</b>

#### Replacement Tips, 2/pkg.

Stk.	Mfr.	Watts	Volts	Price
<b>312293</b>	7250W			<b>WEB</b>



### Therma-Boost Heat Tool & Soldering Gun

**Weller** 27 watt continuous heat tool quickly turns into a high-performance 130 watt, 950°F soldering gun with the squeeze of the Therma-Boost trigger. It quickly heats to handle most soldering jobs with ease. Runs for hours in

standard mode, making it perfect for cutting rope, Styrofoam® and other craft materials, scoring hard substances like Plexiglas® and tile, and smoothing or shaping soft plastics and wax.

**Includes** 6 tips (conical, screwdriver, scoring, rope cutting, foam cutting, smoothing), stand & manual.

Stk.	Mfr.	Watts	Price
<b>309878</b>	TB100PK	130	<b>WEB</b>



### 140/100 Watt Universal Soldering Gun Kit

**Weller** Features 3 LEDs that brightly illuminate the work without tip shadow. The contoured grip with balanced housing greatly reduces hand fatigue. Two trigger positions control power at high to medium heat up to 900°F with a 6-sec-

ond heat up. UL-listed. Mfr.'s 7-year warranty. Weight 1.8 lbs.

**Includes** soldering gun tip, cutting tip, smoothing tip and hex wrench.

Stk.	Mfr.	Price
<b>312570</b>	9400PKS	<b>WEB</b>



### Standard Soldering Iron

**American Beauty** Features standard-size irons with long-life element. Paragon-quality tip.

Stk.	Mfr.	Watts	Tip	Price
<b>197467</b>	3138-100	100	3/8"	<b>WEB</b>
<b>197534</b>	3158-200	200	5/8"	<b>WEB</b>



### 30W LED Soldering Iron

**Weller** 360° illumination, ergonomic molded pencil grip handle, easy-to-change tips, and integrated safety rest. It's the perfect high-quality

and versatile electrical tool to have your students skillfully and confidently completing all types of soldering projects.

**Soldering Iron Includes** iron and tip.

Stk.	Mfr.	Watts	Temp. Range	Price
<b>308160</b>	WLIR3012A	30	750°F	<b>WEB</b>

**Soldering Iron Kit Includes** iron, solder and tips.

Stk.	Mfr.	Watts	Temp. Range	Price
<b>308161</b>	WLIRK3012A	30	750°F	<b>WEB</b>

**Replacement Tip, 1/8" Cone. 2/pkg.**

Stk.	Mfr.	Watts	Temp. Range	Price
<b>307000</b>	MT1			<b>WEB</b>



### 60W LED Iron Kit

**Weller** Iron has LED Halo Ring™ for 360°

illumination to light up work so you can solder skillfully and confidently. Handle is ergonomically designed like a pencil and has built-in safety rest. Tips are easy to change.

**Includes** chisel tip.

Stk.	Mfr.	Watts	Temp. Range	Tip	Price
<b>309879</b>	WLIR6012A	60	880°	Chisel	<b>WEB</b>

**Replacement Tips, 6.4mm Chisel. 3/pkg.**

Stk.	Mfr.	Watts	Temp. Range	Tip	Price
<b>309880</b>	WLTC61R60				<b>WEB</b>



### 80W LED Halo Ring™ Soldering Iron

**Weller** LED Halo Ring™ offers 360° illumi-

nation to light up your work. Handle is ergonomically designed and has a built-in safety rest. Tips are easy to change.

Stk.	Mfr.	Watts	Temp. Range	Tip	Price
<b>309882</b>	WLIR5012A	80W	800°F	3/8"	<b>WEB</b>

**Replacement Tip, 3/8" Chisel. 3/pkg.**

Stk.	Mfr.	Watts	Temp. Range	Tip	Price
<b>309883</b>	WLTC101R80				<b>WEB</b>



### 120 Watt Marksman

**Weller** Used for workshop repairs and stained glass.

**Includes** rest for iron and long-life iron-plated chisel tip.

Stk.	Mfr.	Watts	Temp. Range	Tip	Length	Price
<b>310698</b>	SP120	120	950°	1/2"	11-3/8"	<b>WEB</b>

**Replacement Tip, 1/2" Chisel. 1/pkg.**

Stk.	Mfr.	Watts	Temp. Range	Tip	Length	Price
<b>308548</b>	MTG30					<b>WEB</b>



### 175 Watt Marksman

**Weller** Used for workshop repairs and stained glass.

**Includes** rest for iron and long-life iron-plated chisel tip.

Stk.	Mfr.	Watts	Temp. Range	Tip	Length	Price
<b>310792</b>	SP175	175	950°	5/8"	12-1/2"	<b>WEB</b>

**Replacement Tip, 5/8" Chisel. 1/pkg.**

Stk.	Mfr.	Watts	Temp. Range	Tip	Length	Price
<b>308582</b>	MTG40					<b>WEB</b>



### Professional Soldering Irons

**Weller** Top quality iron-plated tips with anti-wetting chrome coating for 2 irons listed above. All tips are pre-tinned.

#### Replacement Tips

Stk.	Mfr.	Watts	Volts	Tip	Qty.	Price
<b>309885</b>	WLTC04IR60			.4 mm Conical	3	<b>WEB</b>
<b>309886</b>	WLTS24IR60			2.4 mm Screwdriver	3	<b>WEB</b>
<b>309887</b>	WLTC08IR60			.8 mm Conical	3	<b>WEB</b>

#### Stainless Steel Barrel

Stk.	Mfr.	Watts	Volts	Tip	Qty.	Price
<b>308154</b>	WP25D	25	120	ST3	1	<b>WEB</b>
<b>308590</b>	WP35	35	120	ST3	1	<b>WEB</b>



### 50 Watt Soldering Station

**Velleman** This station comes complete with a 50 watt soldering iron providing variable heat to 50 watts. For ages 14+.

**Includes** conical tip, holder funnel, sponge pad, power on/off, indicator light and base with cord.

Stk.	Mfr.	Price
<b>949259</b>	VTSS5U	<b>WEB</b>



### Soldering Station Replacement Tip

**Elenco** Replacement tip for Soldering Station Stk. 390378.

Stk.	Mfr.	Item	Qty.	Price
<b>390383</b>	SR-2BT2	Conical Tip	1	<b>WEB</b>



### Variable Wattage Soldering Iron

**Weller** High-quality, versatile soldering iron station has ergonomically-shaped pencil grip handle, onboard tip storage and cleaner, integrated safety rest.

**Includes** tip, sponge and holder.

Stk.	Mfr.	Watts	Volts	Temp. Range	Tip	Price
<b>308163</b>	WLSK3012A	5-30	120	750°F	chisel	<b>WEB</b>
<b>308164</b>	WLSK8012A	20-80	120	900°F	conical	<b>WEB</b>



### 40-Watt Industrial Electronic Soldering Station

**American Beauty** Industrial soldering station designed to withstand rugged usage. 1,000°F, 40 watt station features high-thermal capacity and controllability. Solid-state voltage regulator provides tight process control, long heating element life and excessive heat protection. Ni-Chrome-wound heat elements control soldering temp.

**Includes** three 3/16" dia. tips (chisel, diamond and conical), detachable soldering iron holder and dross sponge tip cleaner.

Stk.	Mfr.	Price
<b>197300</b>	V36GM3	<b>WEB</b>



### Desoldering Bulb

**Weller** Bulb with TFE tip facilitates accurate printed circuit repair and cleaning. May be used with soldering iron.

Stk.	Mfr.	Price
<b>310100</b>	7805	<b>WEB</b>



### Soldering Tool Stand

**Weller** Stand with base, sponge and iron holder. For W60P, WP25P, WVP40P and irons with barrel dia. up to 15/32".

Stk.	Mfr.	Price
<b>309085</b>	PH60	<b>WEB</b>

### Replacement Sponge

Stk.	Mfr.	Price
<b>309779</b>	EC205	<b>WEB</b>



### LED Magnifying Lamp with Third Hand

**Elenco** The multi-purpose tool offers an excellent all round solution, ideal for working on small PCBs, components, soldering etc. The 3x magnifying lamp with integrated 3rd hand is intended for illumination (16 LEDs) work areas and it is equipped with a 3.5" magnifying glass. It can be powered either by 4 AA batteries (sold separately) or external power adapter (sold separately). For ages 14+.

Neck: 10.4"L. Base size: 7.5" x 6.7".

**Includes** soldering iron stand, alligator clips, soldering wire spool holder, 1.2" x 2" sponge, 10g rosin and cleaning ball.

Stk.	Mfr.	Price
<b>390425</b>	ZD-10Y	<b>WEB</b>



### Soldering Helping Hands

**Weller** The sturdy platform hold 4 flexible and magnetic arms with alligator clamps on each end. Frees up your hands while providing a secure and protective hold.

Arms: two 8.5"L, two 12.5"L. Base size: 6" x 9".

Stk.	Mfr.	Price
<b>309888</b>	WLACCHM-02	<b>WEB</b>



### Solder Ease Kit

**Elenco** 3 scrapers, 1 brush.

Stk.	Mfr.	Price
<b>390294</b>	SE-1	<b>WEB</b>



### Solder Wick

**Elenco** Instantly removes solder.

Stk.	Mfr.	Size	Price
<b>390303</b>	SW-3	5'L x 1/8"T	<b>WEB</b>



### Dri-Wick Desoldering Braid

**American Beauty** Simplifies the desoldering of printed circuit board components, as well as many non-PC board applications. Oxide-free clean copper wound in a braid around static dissipative spool. Thumb-wheel actuated for easy, contaminant free usability. No Clean formula (flux remaining on board does not need to be cleaned). ESD safe and RoHS compliant.

Stk.	Mfr.	Size	Price
<b>197225</b>	485-8C	.093"W x 8'L	<b>WEB</b>



### Soldering Tip Polishing Bar

**Weller** For cleaning soldering tips. Removes plastic resins, silicone grease and chemicals.

Stk.	Mfr.	Price
<b>309872</b>	WVBI	<b>WEB</b>



### Sal-Ammoniac Bar

**Forney** Quickly cleans any carbon build-up that collects on the tip of a soldering iron.

Stk.	Mfr.	Size	Price
<b>409946</b>	61470	4 oz.	<b>WEB</b>



### Fast Tip Cleaner

**American Beauty** Cleans entire tip of a soldering iron or gun in 1 pass. 3/4"D water well keeps sponges wet all day.

Stk.	Mfr.	Qty.	Price
<b>197201</b>	480	1	<b>WEB</b>

### Fast Tip Cleaner Sponges

**American Beauty** Replacement sponges for Fast Tip Cleaner.

Stk.	Mfr.	Qty.	Price
<b>197268</b>	480-S	4	<b>WEB</b>

### Solder

#### Alpha Metals

**Acid Core** For general purpose soldering such as repairing tools, radiators, automotive parts and sheet metal (not for electrical applications). Contains flux core with a highly active cleaner.

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
<b>194944</b>	AM12406	40%	60%	.125	1 lb.	<b>WEB</b>

**Rosin Core** For applications on electrical components and electronic circuitry. Apply with soldering irons and guns. Contains activated rosin (noncorrosive) flux to clean parts while soldering.

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
<b>194949</b>	AM21604	60%	40%	.062	1/2 lb.	<b>WEB</b>
<b>194946</b>	AM11406	40%	60%	.093	1 lb.	<b>WEB</b>

**Solid Core** For general purpose soldering such as repairing stained glass, household items, plumbing drains, brass fittings and fixtures, steel, nickelplate and nickel alloys (not for electrical applications). Apply with flux.

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
<b>194950</b>	AM13406	40%	60%	.125	1 lb.	<b>WEB</b>

**Bar** Uniform distribution of tin-lead alloys provides good flow characteristics and low melting point (in bar form, not on spool).

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
<b>942912</b>	AM50501	50%	50%		1 lb.	<b>WEB</b>

**Lead-free** Silver-bearing solder with a blend of tin, copper and silver alloy for applications requiring lead-free alloy. It provides better capillary penetration, a pasty working range and stronger solder joint. Complies with Federal Standards for use of solder in potable water systems.

Stk.	Mfr.	Tin	Lead	Dia.	Size	Price
<b>194942</b>	AM13955	95%		.125	1 lb.	<b>WEB</b>



### Lead-free Solder

**American Beauty** Lead-free wire solder with a unique no-clean flux for high temperature lead-free alloys. Using synthetically refined resin and an effective activator, the solder wets and spreads beautifully. Exhibits virtually no spattering.

**Conforms to J-STD-004, REL0, RoHS.**

Stk.	Mfr.	Dia.	Size	Price
<b>197230</b>	CS-PBF1	.032"	11 grams	<b>WEB</b>



### Plumbing Repair Solder Kit

**Forney** Lead-free solid core solder and low temp water soluble paste flux. 96% tin / 3.9% copper / 0.1% silver.

**Includes** 2 oz. paste flux, brush and 1/8" solder.

Stk.	Mfr.	Price
<b>409943</b>	61437	<b>WEB</b>



### Ruby Fluid® Soldering and Tinning Liquid Flux

**Forney** Ruby Fluid® allows solder to flow in a thin film to produce strong, neat and durable joints. Adheres quickly and stays where it is applied. Workers with brass, copper, tin, steel and stained glass.

Stk.	Mfr.	Size	Price
<b>409940</b>	60301	2 oz.	<b>WEB</b>



### Nokorode Regular Paste Flux

**Rectorseal** Lead free, all purpose, soft soldering paste flux ideal for use with 95/5 and other common solders. It cleans and fluxes in one operation. Use on all solderable metals including copper, tin, zinc, nickel and sheet lead. Not for stainless steel, aluminum or magnesium.

Stk.	Mfr.	Size	Price
<b>943508</b>	14030	16 oz.	<b>WEB</b>



### Soldering Flux Paste

**Alpha Metals** Non-electrical acid paste, flux and applicator brush. Use with lead free or leaded solder.

Stk.	Mfr.	Size	Price
<b>943337</b>	AM51011	2 oz.	<b>WEB</b>



### Ruby Fluid® Soldering Paste

**Forney** Workers with brass, copper, tin, steel and stained glass will produce strong, neat and durable joints. Allows solder to flow in a thin film. Adheres quickly and stays where it is applied.

Stk.	Mfr.	Size	Price
<b>409910</b>	38125	1.69 oz.	<b>WEB</b>



### VersaFlame™ Butane Torch

**Dremel** Use the butane micro torch for wood burning, leather crafting, stencil cutting, soldering, or hot-knife cutting of foam, plastics and rope. Integrated ignition button for easy startup, no tool required. Variable temperature and flame control for versatile use in torch or flame mode. Detachable base for hands-free operation. Filling valve for quick recharge. Mfr.'s 2-yr. warranty.

**Includes** blower, deflector, flame diffuser, soldering tip, solder, sponge, tin, wrench, storage case and manual.

**Butane not included.**

Stk.	Mfr.	Price
<b>343530</b>	2200-01	<b>WEB</b>



### Brass Propane Torch Head

**Bernzomatic** Torch head has a durable, brass construction and an adjustable, pencil flame profile. This versatile, manual-ignition torch is designed for upright use.

Stk.	Mfr.	Price
<b>943014</b>	UL2317	<b>WEB</b>



### Seizer w/Serrated Jaws

**Xcelite** Clamps firmly onto wires for soldering. Acts as a heat sink and retrieves small parts from hard-to-reach places. Precision-machined, tempered stainless steel. Box-joint construction with 3-position snap lock.

Stk.	Mfr.	Item	Length	Price
<b>308826</b>	42HVN	Straight Nose	5-1/2"	<b>WEB</b>
<b>308827</b>	43HVN	Curved Nose	5-1/2"	<b>WEB</b>

## SAFETY CONTROLS



### Restart Safety Plugs

**JDS Products** The easy-to-install, inexpensive solution to anti-automatic restart safety, without the high cost of magnetic motor starters. The Sensing-Saf-Start® Plug pre-

vents equipment restart following a power interruption, and will not allow a reset until the equipment switch has been turned off.

- Upgrades small machines to meet latest safety requirements
- Plugs into machine power cord & plug (Model 1996)
- Replaces old, frayed, ungrounded power cords (Models 1997, 98, 99)
- Complies w/latest OSHA & NFPA safety standards
- Offers electrical disconnect compliance by unplugging
- Installs in minutes on: drill presses, belt sanders, band saws, power hack-saws, cut-off machines, table saws, small lathes, small milling machines, scroll saws & tool grinders

**You must install any matching plugs on the power cord.**

**Model 1996** For 120V machines w/a good power cord & plug (when cord is not frayed & plug has a ground pin). **Includes** short extension-cord style, 14" cord on male plug end, 12" cord on female receptacle end.

Stk.	Mfr.	Volts	Amps	Price
<b>485650</b>	1996	120	15	<b>WEB</b>

**Model 1997** For all 120V machines w/an old cord &/or you want the reset button closer to the machine for easy access, but still plugged into a duplex-type outlet. Plug is on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord w/molded plug on power end.

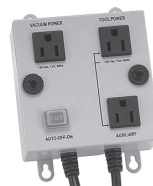
Stk.	Mfr.	Volts	Amps	Price
<b>485651</b>	1997	120	15	<b>WEB</b>

**Model 1998** For 120V machines w/an old cord &/or you want to connect to a disconnect box, or install either a 20 amp or twisting lock-type plug on the cord. Sensing-Saf-Start housing is located close to the machine w/out a plug on the end of the 8' cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
<b>485652</b>	1998	120	18	<b>WEB</b>

**Model 1999** For 200-240V, single phase machines (3-wire). You must install any matching plugs on the power cord. **Includes** 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfr.	Volts	Amps	Price
<b>485653</b>	1999	200-240	15	<b>WEB</b>



### iVac Switch Box

**BCTINT** Used for tools and dust collectors operating on 115 Vac @ 15 Amps maximum. Automatically turns on your dust collector (up to 1 HP) or shop vacuum when you turn on a power tool plugged into the unit. The dust collector will continue to run for 6 seconds after the tool has been turned off in order to clear any dust and debris in the hoses.

**TUV safety approval and conforms to UL STD 244A and certified to CSA STDC22.2 #14.**

Stk.	Mfr.	Price
<b>529500</b>	SB-NA	<b>WEB</b>



## GAS ENGINES



### 725EXI Series Vertical Engine

**Briggs & Stratton** Briggs & Stratton® 1 cylinder, OHV, 4-stroke, air-cooled, EXi Series Engine, the first walk-behind mower engine featuring Just Check and Add™ so you'll never need an oil change. Redesigned from the ground up, EXi Series Engines are lightweight

and easy to maneuver, have tool-less access for easy maintenance, and come equipped with the ReadyStart® Starting System with no prime and no choke.

Stk.	Mfr.	Displacement	Price
<b>228259</b>	104M02-0197-F1	163cc	<b>WEB</b>



### 950 Series Engine

**Briggs & Stratton**

Horizontal engine, 3/4" x 2.420" crankshaft. Dura-Bore cast iron cylinder sleeve for extended life. Float carburetor for consistent easy starting. Maintenance-free Magneton electronic ignition for quick, dependable starts. Dual-Clean air cleaner pleated

paper filter with foam pre-cleaner ensures maximum protection for extended engine life. Overhead valve design for cooler operation and longer valve life.

Stk.	Mfr.	Displacement	Oil Capacity	Price
<b>228257</b>	130G32-0022-F1	208 cc	20 fl. oz.	<b>WEB</b>



### OHV 950 Series™ Engine Training Kit

**Briggs & Stratton** Complete course curriculum assures a thorough study of Briggs & Stratton engines through daily lesson plans for an entire semester, step-by-step tear down and assembly procedures, and engaging video and animations to clarify difficult concepts. Built

around textbooks by Customer Education Department and refined from Briggs & Stratton Authorized Field Service School. CDs and DVDs available as a free download (pending customer registration).

**Advanced Training Kit For 20 Students Includes** 10 Model 130G00 950 Series engines, tools and instructional materials.

Stk.	Mfr.	Price
<b>203175</b>	CE9001A	<b>WEB</b>

**Engine Upgrade Module** Module is an excellent way for schools with established air-cooled engine programs to upgrade to more modern components. **Includes** 10 ea. overhead valve engines, tools and instructional materials.

Stk.	Mfr.	Price
<b>203176</b>	CE9028A	<b>WEB</b>



### Vanguard™ V-Twin OHV Engine Kit

**Briggs & Stratton** Designed to take the more advanced learners to the next level. Kit will give your students the chance to discover the working mechanisms of multi-cylinder engines. In addition, they will have the opportunity to understand the refinement of the Vanguard™ brand. Get hands-on experience with twin cylinders, pressurized lubrication, electric start and alternators. CDs and DVDs available as a free download (pending customer registration).

**Includes** 2 Vanguard™ V-Twin OHV engines and 4 gasket sets.

Stk.	Mfr.	Price
<b>203185</b>	CE9056	<b>WEB</b>



### OHV 725 Engine Training Entry Level Kit with Vertical Shaft Engine

**Briggs & Stratton** The 725 training kit is designed for schools in need of a basic, entry-level kit to get hands-on experience with vertical shaft engines.

**Includes** 2 OHV Engines (104M02-0021-F1), 4 Repair Manuals, 3 Small Engine Textbooks, 3 Small Engine Workbook, Small Engine Workbook Answer Key and Basic Tool Kit. CDs and DVDs available as a free download (pending customer registration).

Stk.	Mfr.	Price
<b>203187</b>	CE9065	<b>WEB</b>

## SMALL ENGINE REPLACEMENT PARTS



203203



203206

### Air Filter Elements

**Briggs & Stratton**

Stk.	Mfr.	Item	Price
<b>203203</b>	27987S	2-5 HP Horizontal	<b>WEB</b>
<b>203206</b>	270579S	3-3.5 HP Vertical	<b>WEB</b>



203215



203221

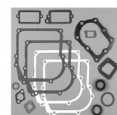
### Air Filter Cartridges

**Briggs & Stratton**

Stk.	Mfr.	Item	Price
<b>203215</b>	392308S	2-5 HP Horizontal & Vertical	<b>WEB</b>
<b>203221</b>	491588S	3-3.5 HP Horizontal, 3.5-6 HP Quantum, 6 HP Vertical	<b>WEB</b>



203207



203223



203220



203224

### Gaskets

**Briggs & Stratton**

### Cylinder Head Gasket

Stk.	Mfr.	Description	Price
<b>203207</b>	272157S	5 HP Horizontal & Vertical	<b>WEB</b>
<b>203228</b>	591445	For 130G32	<b>WEB</b>

### Engine Gasket Sets

Stk.	Mfr.	Description	Price
<b>203223</b>	590777	3-3.55 HP Vertical	<b>WEB</b>
<b>203220</b>	495602	2-3.5 HP Horizontal	<b>WEB</b>
<b>203224</b>	590508	For 126L02 & 126M02	<b>WEB</b>
<b>203226</b>	594951	For 13R232	<b>WEB</b>
<b>203242</b>	791797	For 122032	<b>WEB</b>

### Valve Gasket Sets

Stk.	Mfr.	Description	Price
<b>203240</b>	498525	For 97322	<b>WEB</b>
<b>203241</b>	498528	For 126L02	<b>WEB</b>
<b>203243</b>	791798	For 122032	<b>WEB</b>

### Crankcase Cover Gasket

Stk.	Mfr.	Description	Price
<b>203227</b>	590608	For 106232	<b>WEB</b>



**Ring Set**  
**Briggs & Stratton**

Stk.	Mfr.	Item	Price
<b>203229</b>	592957	For 130G32 engine.	<b>WEB</b>



**Magnetron Armatures**  
**Briggs & Stratton** Horizontal & vertical.

Stk.	Mfr.	Description	Price
<b>203160</b>	591420	2-4 HP	<b>WEB</b>
<b>203222</b>	397358	5 HP	<b>WEB</b>



**Starter Ropes**  
**Briggs & Stratton** Premium nylon starter rope.

Stk.	Mfr.	Description	Size	Price
<b>203212</b>	790965	#4	250'L	<b>WEB</b>
<b>203213</b>	790966	#4-1/2	200'L	<b>WEB</b>



**Needle Valves**  
**Briggs & Stratton**

Stk.	Mfr.	Description	Price
<b>203210</b>	299060	3-5 HP Vertical & Horizontal	<b>WEB</b>
<b>203217</b>	395508	3-4 HP Vertical	<b>WEB</b>



**Starter Clutch**  
**Briggs & Stratton** For most rewind starter engines.

Stk.	Mfr.	Price
<b>203218</b>	399671	<b>WEB</b>



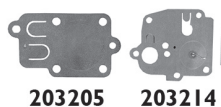
**Recoil Spring**  
**Briggs & Stratton** For most rewind starter engines with clutch.

Stk.	Mfr.	Price
<b>203219</b>	490179	<b>WEB</b>



**Fuel Line/Vapor Emission Hoses**  
**HBD Industries** Nitrile tube hose is suitable with lead or unleaded gasoline and many Ethanol and Methanol-based gasohol blends. Meets or exceeds SAE30R7 specifications. This hose is not to be used for fuel injected systems.

Stk.	Mfr.	Dia.	Length	Price
<b>942876</b>	25060	1/4"	25'	<b>WEB</b>
<b>942877</b>	25078	5/16"	25'	<b>WEB</b>
<b>942878</b>	25088	3/8"	25'	<b>WEB</b>



**Diaphragms**  
**Briggs & Stratton**

Stk.	Mfr.	Description	Price
<b>203205</b>	270026	3-5 HP Horizontal	<b>WEB</b>
<b>203214</b>	391681	3.5-4 HP Vertical	<b>WEB</b>



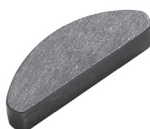
**Pulsa Prime Carburetor Diaphragm**  
**Briggs & Stratton** 3 to 3.75 HP vertical.

Stk.	Mfr.	Price
<b>203225</b>	795083	<b>WEB</b>



**Flywheel Key**  
**Briggs & Stratton** Fits most 08P000, 090000, 091000 engines.

Stk.	Mfr.	Price
<b>203204</b>	222698S	<b>WEB</b>



**Flywheel Key 130G32**  
**Briggs & Stratton** For 130G32 and 083132 engines.

Stk.	Mfr.	Price
<b>203231</b>	797286	<b>WEB</b>



**Spark Plugs**  
**Champion** Small engine/lawn and garden spark plug.

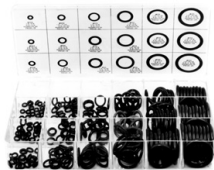
Stk.	Mfr.	Type	Price
<b>942879</b>	8411	J8C	<b>WEB</b>
<b>942807</b>	8431	CJ8	<b>WEB</b>
<b>942808</b>	8451	J17LM	<b>WEB</b>
<b>942670</b>	4311	RC14YC	<b>WEB</b>
<b>942671</b>	8681	RJ19LM	<b>WEB</b>



**Roll Pin Assortment**  
**Fastener Barn** Replaces majority of pin requirements. Carbon steel pins, plain finish.

**Includes** plastic case, plus pins: 10 ea. (5/32" dia.) 5/8", 1" & 1-1/2", 10 ea. (5/64" dia.) 1/4", 1/2" & 1", 10 ea. (1/16" dia.) 3/16", 3/4" & 5/16", 10 ea. (3/32" dia.) 5/8", 1" & 1-1/4", 15 ea. (1/8" dia.) 5/8", 1" & 1-1/4", 10 ea. (1/4" dia.) 5/8", 1-1/4" & 1-3/4", 10 ea. (5/16" dia.) 3/4", 1-1/2" & 2", 5 ea. (3/8" dia.) 3/4", 1-1/2" & 2", 10 ea. (7/32" dia.) 5/8", 1-1/4" & 1-3/4" & 15 ea. (3/16" dia.) 5/8", 1" & 1-1/4".

Stk.	Mfr.	Qty./Pkg.	Price
<b>485530</b>	RP99	315	<b>WEB</b>



### O-Ring Assortment

**Fastener Barn** For auto, small engine lawn mower, industrial & implement needs. Made of Buna-N, 70 durometer.

**Includes** case w/informational lid & O-rings.

Stk.	Mfr.	Qty./Pkg.	Price
<b>485525</b>	OR99	225	<b>WEB</b>



### Snap Ring Assortment

**Fastener Barn** High quality carbon spring steel.

**Includes** plastic case, plus rings: (30) 1/4" (.250 dia.), (20) 5/16" (.312 dia.), (50) 3/8" (.375 dia.), (20) 7/16" (.438 dia.), (50) 1/2" (.500 dia.), (20) 9/16" (.562 dia.), (30) 5/8" (.625 dia.), (35) 3/4" (.750 dia.), (10) 13/16" (.812 dia.), (20) 7/8" (.875 dia.), (10) 1" (1.000 dia.), (5) 1-1/4" (1.250 dia.).

Stk.	Mfr.	Qty./Pkg.	Price
<b>485542</b>	SR99	300	<b>WEB</b>



### Square Key Assortment

**Fastener Barn** Carbon steel keys with square ends. All 1-1/2"L.

**Includes** plastic case plus, (15) 1/8" x 1/8", (15) 3/16" x 3/16", (10) 1/4" x 1/4", (10) 5/16" x 5/16", (5) 3/8" x 3/8", (5) 1/2" x 1/2".

Stk.	Mfr.	Qty./Pkg.	Price
<b>485538</b>	SK99	60	<b>WEB</b>

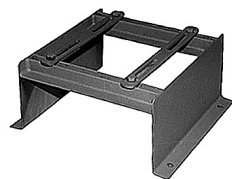
## SMALL ENGINE TOOLS



### Basic Small Engine Tool Kit

**Briggs & Stratton** **Includes** leakdown tester, piston ring compressor (5 HP and below), flywheel strap wrench, flywheel puller, digital tach and hourmeter, tester - ignition, tang bender, fuel line removal tool, alcohol, fuel tester, .010" air gap gauge and master parts catalog.

Stk.	Mfr.	Price
<b>204315</b>	19300	<b>WEB</b>



### Small Engine Stand

**Greene** Heavy-gauge steel stand adjusts to secure horizontal or vertical engines. Pre-drilled mounting bracket. All welded construction. Gray. 9-1/2" x 10" x 4".

Stk.	Mfr.	Price
<b>433655</b>	EL-40	<b>WEB</b>



### Tachometer

**Briggs & Stratton** 800-50,000 rpm, 14-750 cycles. Vest pocket meter transforms vibration into rpm in a straight-forward gauge.

Stk.	Mfr.	Price
<b>204136</b>	19200	<b>WEB</b>



### Hand-held Tachometer

**KD Tools** Hand-held unit checks revolution speed on diesels, pumps, compressors, power take-offs, etc. 100 to 4,000 clockwise or counter-clockwise. 2-3/4" dia., 4-1/4"L.

Stk.	Mfr.	Price
<b>432780</b>	2967	<b>WEB</b>



### Ignition Spark Tester

**Briggs & Stratton** Designed to allow you to test the ignition spark of any Briggs & Stratton or other brand engines.

Stk.	Mfr.	Price
<b>203000</b>	84003327	<b>WEB</b>



### Carburetor Jet Screwdrivers

**Briggs & Stratton** For removing most carburetor jets.

Stk.	Mfr.	Size	Price
<b>203335</b>	19061	3/16" x 5"	<b>WEB</b>
<b>203402</b>	19062	1/4" x 5-3/4"	<b>WEB</b>



### 3/8" Drive Torque Wrench

**Performance Tool** Micro-adjusting torque wrench with dual scale measurement adjustments in both inch-pounds and Newton meters. Clicks when you've reached the desired torque setting. Precision 41-tooth ratchet head offers greater torque control. Range 30 to 250 in. lbs.

**Includes** molded case.

Stk.	Mfr.	Price
<b>976480</b>	M197	<b>WEB</b>



### Plug Gauges

**Briggs & Stratton**

Stk.	Mfr.	Fits	Price
<b>203871</b>	19122	1/4" valve guide	<b>WEB</b>
<b>203938</b>	19151	5/16" valve guide	<b>WEB</b>



### Blade Balancer

**Oregon** Blade balancer provides accurate blade balancing to increase the life of your mower and reduce vibrations, while providing a smoother cut.

Stk.	Mfr.	Price
<b>203100</b>	42-100	<b>WEB</b>



### Clutch Wrench

**Briggs & Stratton** Removes rewind starter clutches.

Stk.	Mfr.	Price
<b>204273</b>	19244	<b>WEB</b>



### Flywheel Pullers Briggs & Stratton

Stk.	Mfr.	Fits	Price
<b>203737</b>	19069	Small L-head engines to 6.5 HP & Europa	<b>WEB</b>
<b>204005</b>	19165	7-8 HP L-head engines & early 11 HP	<b>WEB</b>
<b>204139</b>	19203	Larger L-head & most OHV engines	<b>WEB</b>



### Cylinder Hone Set

**Lisle** Small cylinder hone for 1-3/4" to 2-3/4" cylinders. Stones are 3-1/2"L, assuring unusual accuracy. 3-Stone Set covers a full range of cylinder sizes and are easily changed.

**Includes** 16410, 16420 & 16430, 180 grit stone sets & case.

Stk.	Mfr.	Item	Price
<b>503812</b>	16000		<b>WEB</b>

**Replacement Stone & Wiper Sets** 180 grit. 3-1/2"L. **Includes** 2 stones & 2 wipers.

Stk.	Mfr.	Item	Price
<b>503814</b>	16410	1.75" to 2.2" Cylinder Range	<b>WEB</b>
<b>503816</b>	16420	2.05" to 2.5" Cylinder Range	<b>WEB</b>
<b>503818</b>	16430	2.35" to 2.75" Cylinder Range	<b>WEB</b>



### Pro Brake Cylinder Hone

**Performance Tool** Fits cylinders 1" to 2-3/4". Square ends of stones hone to the end in step-cut and blind-end cylinders Adjustable tension, self centering, flexible shaft.

Stk.	Mfr.	Price
<b>951000</b>	W193C	<b>WEB</b>



### Pro Brake Cylinder Replacement Hone

**Performance Tool** 3-piece replacement stone set for Performance Tool W193C.

Stk.	Mfr.	Qty.	Price
<b>951002</b>	W199C	3	<b>WEB</b>



### Valve Lappers

**Lisle** Eliminate slippage with these valve lappers. The unique locking tab positively secures cups to sturdy, hardwood handles.

Stk.	Mfr.	Size	Price
<b>503833</b>	21100	1-1/8" & 1-3/8" dia. cups (for large valves)	<b>WEB</b>
<b>503835</b>	21200	5/8" & 13/16" dia. cups (for small valves)	<b>WEB</b>



### Valve Grinding Compound

**Loctite** Loctite® Clover Silicon Carbide Grease Mix is a standard abrasive paste for fast removal of metal. Produces a smooth, flat surface but not a polished one. Leaves a rust-preventing film on lapped surfaces.

**Includes** fine and coarse valve grinding compounds.

Stk.	Mfr.	Size	Qty.	Price
<b>228375</b>	233268	2 oz.	2	<b>WEB</b>



### Small Engine Valve Spring Compressor

**Performance Tool** Use to compress small engine, motor-cycle and ATV valve springs on Briggs, Honda Tecumseh, Kohler and other small engines. Long slender design with hinged end and parallel jaws, maximum opening of 2-3/8".

Stk.	Mfr.	Price
<b>976669</b>	W84000	<b>WEB</b>



### Valve Spring Compression Tool

**Briggs & Stratton** For use on L-Head series engines to remove and re-install the valve spring retainer. Fits various Briggs & Stratton models.

Stk.	Mfr.	Price
<b>203403</b>	19063	<b>WEB</b>



### Valve Spring Compressor Model 16750

**Lisle** Tool makes spring compression and keeper removal simple because it doesn't require removal of the head. Adjustable cam action. No need to readjust the tool after each spring.

Stk.	Mfr.	Price
<b>503822</b>	16750	<b>WEB</b>



### Small Valve Spring Compressor

**Lisle** For springs 3/4" to 1-1/16". Heavy-duty frame and screw for rigidity. 2 jaw sizes. Fits Briggs and Stratton, Clinton, Harley-Davidson, etc.

Stk.	Mfr.	Price
<b>503841</b>	23300	<b>WEB</b>



### Valve Spring Compressor

**Performance Tool** Designed for servicing overhead valve engine with cylinder head removed. Includes small and large jaws for multiple applications. Open 5-3/4" to 9-3/8", Closed 2-1/2" to 6-1/4".

Stk.	Mfr.	Price
<b>976700</b>	W89409	<b>WEB</b>



### Neway Valve Seat Cutter Kit

**Briggs & Stratton** Tungsten carbide-bladed cutter set used to precisely machine multi-angle valve seats in all Briggs & Stratton engines (except 3L/C engines) in minutes.

**Includes** T-wrench, accessory kit, molded case & Cutter Bodies: 102 Cutter (1-5/16" dia. 31° x 46°), 103 Cutter (1-1/8" dia. 31° x 46°), 111 Cutter (1" dia. 60°), 124 Cutter (1-5/16" dia. 15° x 60°). Valve Guide Pilots: 100-1/4 solid pilot (1/4" dia.), 100-1/4+1 solid pilot (1/4" + .001" dia.), 100-9/32 solid pilot (9/32" dia.), 100-5/16 solid pilot (5/16" dia.), 100-5/16+1 solid pilot (5/16" + .001" dia.), 100-6.0 solid pilot (6.0mm dia.), 100-6.02 solid pilot (6.02mm dia.), 100-6.05 solid pilot (6.05mm dia.), 100-8.0 solid pilot (8.0mm).

Stk.	Mfr.	Price
<b>204332</b>	19547	<b>WEB</b>





### Overhead Valve Spring Compressor

**Performance Tool** Conveniently removes valve springs on most cars and light trucks without removing cylinder head. Offset jaws easily grip and compress valve springs.

**Requires Flexible Air Valve Holder (W84003) and Air Hold fittings (W84005), not included.**

Stk.	Mfr.	Price
<b>976670</b>	W84001	<b>WEB</b>



### Piston Ring Compressor

**Briggs & Stratton** Fits SHP and under engine models.

Stk.	Mfr.	Price
<b>203738</b>	19070	<b>WEB</b>



### Ring Compressor, 1-1/2"-3"

**Lisle** For small cylinders.

Stk.	Mfr.	Capacity	Price
<b>503754</b>	18500	1-1/2" to 3"	<b>WEB</b>



### Piston Ring Expander

**Briggs & Stratton** Minimize ring distortion and breakage.

Stk.	Mfr.	Price
<b>204320</b>	19340	<b>WEB</b>



### O-Ring & Seal Pick

**Lisle** Angled tips quickly remove and install O-rings and seals even in hard-to-reach places. Tips are hardened to stay sharp. Knurled handle for a sure grip.

Stk.	Mfr.	Price
<b>503819</b>	31840	<b>WEB</b>



### Thread Repair Kits

**Heli-Coil** Inserts are precision-formed screw thread coils of stainless steel wire with a diamond-shaped cross section. When installed into Heli-Coil® tapped holes they provide permanent conventional 60° internal screw threads to fit any standard bolt or screw.

**Includes** 12 stainless steel inserts, tap & installation tool.

Stk.	Mfr.	Description	Price
<b>942755</b>	5521-4	1/4-20 Coarse	<b>WEB</b>
<b>942756</b>	5521-5	5/16-18 Coarse	<b>WEB</b>

## ENGINE TOOLS



### Valve Spring Compressor Model 16750

**Lisle** Tool makes spring compression and keeper removal simple because it doesn't require removal of the head. Adjustable cam action. No need to readjust the tool after each spring.

Stk.	Mfr.	Price
<b>503822</b>	16750	<b>WEB</b>



### Valve Spring Compressor Model 44300

**Lisle** High leverage valve spring compressor allows one-hand operation. Exceptionally strong, rigid frame works with nearly all valve-in head and L-head engines as well as truck and tractor engines.

Stk.	Mfr.	Price
<b>503869</b>	44300	<b>WEB</b>



### Piston Ring Groove Cleaner

**Lisle** Heavy coil spring holds cutter in groove for fast removal of carbon. Handles pistons from 2-3/4" to 5" dia. Groover includes 2 easy-to-set cutter wheels with the following sizes: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 1.5mm, 1.75mm and 2.00mm.

Stk.	Mfr.	Price
<b>503840</b>	24000	<b>WEB</b>



### Piston Ring Compressors

**Lisle** Spring clutch assures proper fit on the piston and positive locking action. Designed to eliminate ratchet problems.

Stk.	Mfr.	Capacity	Height	Price
<b>503831</b>	21000	3-1/2"-7"	7"	<b>WEB</b>
<b>503824</b>	19500	2-1/8"-5"	3-1/2"	<b>WEB</b>



### Take-apart Ring Compressor

**Lisle** Combines the spring clutch with take-apart feature necessary for Volkswagens, motorcycles, outboard motors, etc. Quick release provides easy removal from connecting rod. Can be used on conventional engines with narrow ring spacing.

Stk.	Mfr.	Capacity	Price
<b>503821</b>	19000	2-1/8"-5"	<b>WEB</b>



### Wrinkle Band Ring Compressor

**Lisle** Cuts friction in half. Rings slide in easily. The wrinkle band can't slide down into the cylinder. Cam operation so only 1 adjustment is needed for a set of pistons.

Stk.	Mfr.	Capacity	Price
<b>503837</b>	21700	3"-5"	<b>WEB</b>



### Piston Ring Installer

**Lisle** Tapered jaws remove and install most rings from 3/64" to 1/4" in passenger cars and light trucks. Reduces breakage of rings during installation.

Stk.	Mfr.	Price
<b>503858</b>	33500	<b>WEB</b>



### Ridge Reamer

**Lisle** Complete ridge removal with a few easy turns. Stabilizer spring allows operator to take a selective cut to minimize chatter. Spring-loaded carbide cutter follows cylinder contour. Offset jaws assure rigidity throughout the range. Range 2-1 1/16" to 5-5/16".

Stk.	Mfr.	Price
<b>503922</b>	36500	<b>WEB</b>

### Replacement Cutter

Stk.	Mfr.	Price
<b>503923</b>	36510	<b>WEB</b>



### Stone-Type Glaze Breaker

**Lisle** Controlled pressure assures positive, adjustable contact through full 2"-7" range. Stone arms are easily compressed to eliminate cylinder scratches. Operates with any electric drill.

**Includes** three 220 grit stones.

Stk.	Mfr.	Length	Price
<b>503823</b>	23500	3"	<b>WEB</b>



### Stone-Type Glaze Breaker Replacement Stones

**Lisle** Set of three 220 grit replacement stones for Glaze Breaker Stk. **503823**.

Stk.	Mfr.	Qty.	Price
<b>503820</b>	23520	3	<b>WEB</b>



### Dual Drive Oxygen Sensor Wrench

**Lisle** Use with 1/2" breaker bar to loosen stubborn oxygen sensors. Use a 3/8" ratchet on top for fast removal and installation. Fits oxygen sensors with a heat shield. Slotted body allows clearance for wire harnesses. Forged, heat-treated steel with 6-point design withstands high torque removal applications.

**Includes** 1/2" & 3/8" drive.

Stk.	Mfr.	Price
<b>503753</b>	12390	<b>WEB</b>



### Ratcheting Serpentine Belt Tool

**Lisle** Releases tension on serpentine belts with a spring-loaded idler pulley. Reaches where conventional ratchets and breaker bars won't. Use to remove and install belts on most domestic and some import vehicles. Extension bars are for hard-to-reach areas. Freewheel position for max. leverage or locks in ratcheting mode. Extension with 13 & 16mm socket drive holes.

**Includes** handle assembly, extension & 8 sockets (13-16mm, 18-19mm & 3/8" & 1/2" sq. dr.).

Stk.	Mfr.	Price
<b>503904</b>	59000	<b>WEB</b>



### Alternator Decoupler Pulley Service Tool Kit

**Performance Tool** Service late model foreign and domestic vehicles with either OWC or OAD alternator pulleys. Remove the one-way clutch or decoupler pulleys found on 1997 to current vehicles.

**Includes** 23 piece kit and molded case.

Stk.	Mfr.	Price
<b>976680</b>	VW87024	<b>WEB</b>



### Universal Camshaft Bearing Tool

**Lisle** Will remove or insert camshaft bearings in nearly all engines from compact cars to heavy trucks. Range 1.125" to 2.69". The expander has a neoprene sleeve over which the split driving plugs are mounted and expanded to size. Includes 2 sets of rubber sleeves for driving thin wall bearings (.065") and thick wall bearings (.090").

**Includes** driving shaft, driving shaft extension, expander unit, 5 split driving plugs, 2 driving collars, centering cone, molded case & instructions.

Stk.	Mfr.	Price
<b>503825</b>	18000	<b>WEB</b>

## FEELER GAUGES, SPARK PLUGS & TOOLS



### Non-Magnetic 6 Blade Feeler Gauge Set

**Proto** Non-magnetic brass feeler blades for checking the air gap in electronic ignition systems for all weather conditions. Blades etched with both decimal size and metric equivalent. Blades .006", .008", .010", .012", .014", .016".

Stk.	Mfr.	Size	Blades	Price
<b>894270</b>	J000BR	1/2"W x 3"L	.006"-.016"	<b>WEB</b>



### 15 Blade Feeler Gauge Set

**Lisle** Precision blades and 2" steel rule ensure accurate measurements. Blades (in inches): .002, .003, .004, .005, .006, .008, .011, .012, .013, .014, .016, .018, .020, .022, .025.

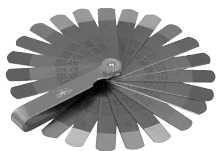
Stk.	Mfr.	Size	Blades	Price
<b>503910</b>	67950	1/2"W x 3-1/2"L	.002-.025	<b>WEB</b>



### 16 Mini-blade Feeler Gauge Set

**Lisle** Mini feeler gauge has precision steel blades to ensure accurate measurements. Blades (in inches): .010, .012, .013, .015, .016, .017, .018, .020, .022, .024, .025, .026, .028, .030, .032, .035.

Stk.	Mfr.	Size	Blades	Price
<b>503911</b>	68000	1/4"W x 1-3/4"L	.010-.035	<b>WEB</b>



### 22 Blade Feeler Gauge Set

**Lisle** Precision stepped blades have a .002" step for accurate settings. Blades (in inches): .004/.006, .005/.007, .006/.008, .007/.009, .008/.010, .009/.011, .010/.012, .011/.013, .012/.014, .013/.015, .014/.016, .015/.017, .016/.018, .017/.019, .018/.020, .019/.021, .020/.022, .021/.023, .022/.024, .023/.025, .024/.026, .025/.027.

Stk.	Mfr.	Size	Blades	Price
<b>503920</b>	68150	1/2"W x 3-1/4"L	.004-.027	<b>WEB</b>



### 25 Mini-blade Feeler Gauge Set

**Proto** Master gauge set is etched in thousandths and nearest metric equivalent. Blades (in inches): .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .020, .022, .025, .030, .032, .035, .040.

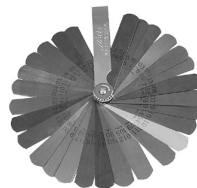
Stk.	Mfr.	Size	Blades	Price
<b>894201</b>	J000AA	1/2"W x 3-3/16"L	.0015-.040	<b>WEB</b>



### 26 Blade Feeler Gauge Set

**Empire** Chrome plated with knurled nut locks in place. Conforms to GGG-G-17C. Blades (in inches): .002-.025, (in mm) .038-.098.

Stk.	Mfr.	Blades	Price
<b>575112</b>	27512	.002-.025	<b>WEB</b>



### 31 Blade Feeler Gauge Set

**Lisle** Deluxe-grade precision gauge steel blades. Blades (in inches): .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, .025, .026, .028, .030, .032, .035.

**Includes** .010" brass blade.

Stk.	Mfr.	Size	Blades	Price
<b>503924</b>	68100	1/2"W x 3-1/2"L	.0015-.035	<b>WEB</b>



### Spark Plugs

**Champion** Small engine/lawn and garden spark plug.

Stk.	Mfr.	Type	Price
<b>942879</b>	8411	J8C	<b>WEB</b>
<b>942807</b>	8431	CJ8	<b>WEB</b>
<b>942808</b>	8451	J17LM	<b>WEB</b>
<b>942670</b>	4311	RC14YC	<b>WEB</b>
<b>942671</b>	8681	RJ19LM	<b>WEB</b>



### Standard Spark Plug Gapper

**Lisle** Sizes include .025", .030", .034", .035", .040", .045".

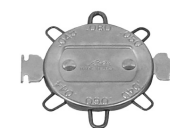
Stk.	Mfr.	Price
<b>503908</b>	67800	<b>WEB</b>



### Spark Plug Gauge & Gapper

**Lisle** Gauges and gaps all types of spark plugs from .020" to .100" (.50mm to 2.53mm). Tapered edge for gauging spark plugs. Specially designed hole with flange adjusts side wire of plug without pressuring center electrode.

Stk.	Mfr.	Price
<b>503794</b>	67870	<b>WEB</b>



### Electronic Ignition Spark Plug Gapper

**Lisle** Sizes include .035", .040", .044", .045", .048", .050", .060", .080".

Stk.	Mfr.	Price
<b>503894</b>	67900	<b>WEB</b>



### Adjustable Spark Plug Wire Pullers

**Lisle** Plier jaws adjust to 5 different positions allowing easier access to spark plug boots. Cushioned jaws grip the boot straight on or from the side. Plastic handle grips help prevent shock.

Stk.	Mfr.	Price
<b>503880</b>	51750	<b>WEB</b>



### 3-Piece Spark Plug Socket Set

**GEARWRENCH** Six-point long reach 5/8" spark plug sockets with integrated magnetic core for positive spark plug retention. No more plug sockets getting separated from the extension down in the engine or dropping into the engine compartment.

**Includes** 4", 6" and 11"L.

Stk.	Mfr.	Price
<b>432900</b>	41740D	<b>WEB</b>



### Spark Plug Hole Thread Chaser

**Lisle** Double ended for 14mm & 18mm threads. Cleans threads in spark plug hole. Use with 13/16" spark plug socket.

Stk.	Mfr.	Price
<b>503832</b>	20200	<b>WEB</b>



### Spark Plug Wire Tester

**Performance Tool** Identifies damaged spark plug wires easily. Attach one end to the ignition wire and the other end to the spark plug. The tester will flash in sync with the spark plug firing until it runs across a break in wire.

Stk.	Mfr.	Price
<b>976664</b>	VV80530	<b>WEB</b>



### Spark Indicator

**Lisle** Tests spark plugs, spark plug wires and coils without puncturing the wire.

Stk.	Mfr.	Price
<b>503834</b>	19380	<b>WEB</b>



### Spark Plug Pliers

**Lisle** Specially shaped, cushioned jaws grip the boot straight on or from the side. Plastic handle grips help prevent shock. Two pulling positions help make removing spark plug wires a safe and easy job.

Stk.	Mfr.	Price
<b>503948</b>	52990	<b>WEB</b>

## SCRAPERS



### Gasket Scraper

**Lisle** Heavy-duty scraper with sharp, hardened steel blades remove carbon, old gasket material, adhesives, sludge and other hard to clean substances from blocks, heads, etc. Tool will hold single edge razor blade for bumper stickers and decals.

**Includes** 3 blades (1", 1-1/2" & 2" widths).

Stk.	Mfr.	Size	Price
<b>503877</b>	51000	8"L	<b>WEB</b>



### Gasket Scraper Replacement Blades

**Lisle** Hardened steel replacement blades for use with Gasket Scraper Stk. **503877**.

Stk.	Mfr.	Size	Qty.	Price
<b>503879</b>	51120	1"W	6	<b>WEB</b>
<b>503881</b>	51130	1-1/2"W	6	<b>WEB</b>
<b>503883</b>	51140	2"W	6	<b>WEB</b>



### Gasket & Carbon Scraper

**Proto** Gasket and carbon scraper has chrome-plated alloy steel blade with fire-resistant handle.

Stk.	Mfr.	Size	Price
<b>909611</b>	J2336	12"L x 1-1/2"W	<b>WEB</b>

## PULLERS



### Electrical Connector Separator

**Lisle** Quickly disconnects electrical connectors without damage. Tool is double-ended to fit different access angles.

Stk.	Mfr.	Length	Price
<b>503926</b>	13120	7-5/8"	<b>WEB</b>



### Fuse Puller and Continuity Tester

**Gardner Bender** Made of non-conductive high-grade plastic, this 7" puller is designed for use with 0-200A/250V and 0-100A/600V fuses. Safely remove 3/8" to 1-1/8" dia., class CC, G, H, J, K, R, and T cartridge fuses.

**Includes** 2 LR44 batteries.

Stk.	Mfr.	Price
<b>416591</b>	FPE-20T	<b>WEB</b>



### Cotter Pin Puller

**General** Ideal for use in confined work areas. Compound bend design allows user to extract cotter pins with a pull or twist motion. Heavy-duty plastic handle with comfort grip.

Stk.	Mfr.	Length	Price
<b>417482</b>	64	7-1/2"	<b>WEB</b>



### Hose Remover Set

**Lisle** Removes hoses, moldings, clips, clamps, seals, o-rings, cotter pins, gaskets, etc. Long pullers are 13"L. Handles are dual durometer material for comfort and grip. Rods are heat-treated and plated.

**Includes** short & long hose removers, short & long offset removers & short double offset hose remover.

Stk.	Mfr.	Price
<b>503914</b>	80380	<b>WEB</b>



### Mini Hook & Pick Set

**GEARWRENCH** Tools with unique shapes can leverage or pull parts, springs, cotter pins, etc. Mfr.'s lifetime warranty.

**Includes** 3-1/8" full hook, 3-1/8" 90° full hook, 3-1/8" straight hook & 3-1/8" offset hook.

Stk.	Mfr.	Price
<b>433550</b>	84040H	<b>WEB</b>



### Seal Puller

**Lisle** For oil and grease seals. Insert the tip of the tool behind the seal, press and pull. 2 tip sizes reach in and fit nearly all seal applications.

Stk.	Mfr.	Length	Price
<b>503891</b>	56750	12-1/2"	<b>WEB</b>





### Bearing Splitter

**OTC** Knife-like edges easily place behind the part to secure a gripping surface, even when clearances are extremely limited. Used with OTC's Grip-O-Matic® puller (puller jaws grip attachment's outer edge), or with a Push-Puller (puller legs are threaded into the attachment's 2 tapped holes).

Stk.	Mfr.	Capacity	Price
<b>693292</b>	1122	1/8" - 2"	<b>WEB</b>
<b>693294</b>	1123	1/2" - 4-5/8"	<b>WEB</b>



### Power Steering & Alternator Pulley Puller

**OEM** Safely removes pressed-on 1 or 2-groove pulleys from alternators and power steering pumps. Fits most large and small pulleys in domestic and imported cars. Features rigid drop-forged jaws, solid block body and a fine thread screw for easy pulling.

Stk.	Mfr.	Price
<b>281180</b>	25190	<b>WEB</b>



### Silver Slapper 8-Way Slide Hammer Puller Set

**OTC** For pulling flange-type rear axles, stubborn oil seals and bearings, and other press-fit parts. Jaws can be set up for 2- or 3-way internal or external pulling jobs.

**Includes** 5 lb. slide hammer puller, rear axle pulling attachment, 3-way cross-head, dent puller attachment, 2-way cross-block, puller hook attachment, 3 pulling jaws for internal or external pulling jobs, cone & grip wrench adapter w/single lead (wrench sold separately).

Stk.	Mfr.	Price
<b>693293</b>	1179	<b>WEB</b>



### Multipurpose Puller Set

**OTC** Assortment of puller tools provides a wide range of job versatility. 5 lb. slide hammer puller with 2- and 3-way reversible heads (2 or 3 jaws for inside and outside pulling jobs). Front hub puller for servicing front-wheel-drive cars (has spare locknut for use with No. 1177 slide hammer for rear axle flanges). 2-ton combination, 2- or 3-jaw Grip-O-Matic® puller (3-3/8" reach, 4-3/4" spread). 5-ton combination 2- or 3-jaw Grip-O-Matic® puller (5-1/2" reach, 7" spread). Bar-type gear & pulley puller with 5-1/2"L screw & 2 hex head cap screws (3/8"-16" x 3"L, 1-1/2" to 4-1/4" spread). Bearing pulling attachment (use with No. 1027 & 7393 pullers for 1/8" to 2" spread).

**Includes** slide hammer puller, hub puller, 2 jaw-type pullers, bearing pulling attachment, cross-bar gear, pulley puller and molded case.

Stk.	Mfr.	Price
<b>693295</b>	1181	<b>WEB</b>



### Pitman Arm Pullers For Cars & Trucks

**Lisle** Designed to work on even the most stubborn Pitman arm pulling jobs. Body is drop-forged and heat-treated for strength. 4-1/4" length, 1-5/16" jaw opening.

Stk.	Mfr.	Price
<b>503921</b>	41900	<b>WEB</b>



### 5-Ton, 2 Jaw Grip-O-Matic Parts Puller

**OTC** Mechanical puller removes and installs parts for fast, effective repairs. Forged from quality steel and heat treated. Reversible jaws. Exceeds rated capacity testing.

Stk.	Mfr.	Max. Reach	Spread Capacity	Price
<b>693291</b>	1024	3-1/4"	6"	<b>WEB</b>



### Gear Pullers

**Proto** Toggle type pullers incorporate an automatic grip tightening feature. They provide the means and power to pull gears, flywheels, pulleys and other parts where it is necessary to apply the arms between spokes and where no other puller can be applied. Pullers adjust and reverse using 3 parts: link with locking pin; link with 2 grooved pins and the jaw. Pullers have fewer parts, including pins which are pressed into the link. Forcing screws are forged from alloy steel and heat-treated.

### 2 Jaw Puller

Stk.	Mfr.	Spread	Reach	Capacity	Price
<b>913970</b>	J4033	4"	3-1/2"	2 Ton	<b>WEB</b>

### 3 Jaw Reversible Puller

Stk.	Mfr.	Spread	Reach	Capacity	Price
<b>913989</b>	J4046	7"	5-1/2"	5 Ton	<b>WEB</b>
<b>913990</b>	J4047	10"	5-1/2"	7 Ton	<b>WEB</b>



### Ball Joint Separator

**OEM** Separates stubborn ball joints from the steering knuckle. Insert tool between parts to be separated and hammer the end to break parts free. Makes replacement and disassembly of front suspensions and steering components easy. Forged, heat-treated wedged ends.

Stk.	Mfr.	Opening	Price
<b>281188</b>	25202	15/16"	<b>WEB</b>



### Tie Rod End Puller

**OEM** Separates tie rod ends from the steering knuckles, idler arms and Pitman arms. Prevents damage to steering components. Heavy-duty alloy steel. Tapered fork wedge ends. 11-7/8"L.

Stk.	Mfr.	Opening	Price
<b>281185</b>	25201	21/32"	<b>WEB</b>

## SUSPENSION



### Inner Tie Rod Tool

**Lisle** Inner tie rod end sockets with a complete hex on the full length of the socket. The rounded socket ends prevent access to the wrench flats. Tool utilizes 6 crows feet (1-7/16", 1-3/16", 1-1/4", 1-5/16", 1-1/2", 33.6 mm) to engage wrench flats. Long socket slips over tie rod end and connects to the crows foot. Inner tie rod can be removed and installed without removing the rack.

Stk.	Mfr.	Price
<b>503870</b>	45750	<b>WEB</b>



### Suspension Strut Tool

**Lisle** Heavy duty clamps and bolts safely and securely hold spring during operation. Fits all strut spring sizes, import and domestic.

Stk.	Mfr.	Price
<b>503902</b>	62300	<b>WEB</b>

## EXHAUST TOOLS



### Exhaust and Tailpipe Cutter

**GEARWRENCH** Cut pipes 3/4" to 3" in diameter, only 1/4 turn is needed for a complete cut. Not for use on stainless steel, will not cut double-wall pipes.

Stk.	Mfr.	Price
<b>432760</b>	2031DD	<b>WEB</b>



### Tailpipe Expanders

**Lisle** Expanders remove grooves and round out pipes. 2 sizes fit most pipes. Use with wrench or impact tool.

Stk.	Mfr.	Size	Price
<b>503853</b>	32500	1-5/8" - 2-7/16"	<b>WEB</b>
<b>503855</b>	32750	2-3/8" - 3-1/4"	<b>WEB</b>

## RADIATOR TOOLS



### Clic-R Hose Clamp Pliers

**OEM** Designed for the quick and easy removal of Clic-R type clamps these pliers allow you to re-use hose clamp collars. With a PVC coating and ergonomic design, they easily fit into tight spaces under the hood. Made from

durable steel construction, these simple and sturdy pliers have a single rivet design and brushed finish jaws to resist rust and corrosion.

Stk.	Mfr.	Price
<b>281187</b>	25102	<b>WEB</b>



### Antifreeze Coolant Tester

**Prestone** Quick, professional tester for freeze and boil-over protection. Allows inspection for rust and sediment.

Stk.	Mfr.	Price
<b>942899</b>	00469	<b>WEB</b>

## AUTO CREEPERS & STOOLS



### Plastic Low Profile Creeper

**Lisle** Plastic body-fitting creeper features optimal comfort with a 7/8" floor clearance. Urethane rollers are inserted into steel bushings providing superior strength and easy roller replacement.

Easy-to-clean surface is resistant to solvent, grease and fuel. Red.

Stk.	Mfr.	Size	Price
<b>503934</b>	92102	38"L x 17-1/2"W x 4"H	<b>WEB</b>



### Triplex 3-in-1 Garage Creeper

**Alltrade** Unique patented design allows creeper to transform from a standard rolling creeper into a seat in seconds. Six 3" x 1-1/2" black casters.

Stk.	Mfr.	Size	Price
<b>943401</b>	620469	43"L x 17"W x 5-3/4"H	<b>WEB</b>

## INSPECTION & RETRIEVING TOOLS



### Magnetic Pickup Tool with LED

**Ullman** Lifts up to 8 lbs. for precise retrieval of metal objects in hard-to-reach areas. The built-in LED illuminates dark areas. The POWERCAP® slides over the magnetic end and increases the direct pick-up force while preventing the side of the magnet from attaching to unwanted metal surfaces. Cushioned grip helps prevent drops and slipping.

**Includes** batteries.

Stk.	Mfr.	Length	Price
<b>618708</b>	HTLP-2	8-7/8" - 32-1/2"	<b>WEB</b>



### Magnetic Pickup Tool

**Lisle** Will retrieve parts and tools from hard-to-reach places. Neodymium magnet shielded to concentrate magnetic field at end of tool.

Stk.	Mfr.	Length	Price
<b>503497</b>	66500	4-1/2" - 16-1/4"	<b>WEB</b>



### Straight Magnetic Pickup Tool

**Lisle** Will retrieve parts and tools from hard to reach places. Magnet is shielded to concentrate magnetic field. Super strong neodymium magnet and extends from 14-1/2" to 23-1/4".

Stk.	Mfr.	Length	Price
<b>503852</b>	31000	14-1/2" - 23-1/4"	<b>WEB</b>



### Flex-O-Stiff Magnetic Pickup Tool

**General** Magnetic pickup tool has an 18" flexible or stiff pickup, with an extra long 32" retriever, by simply reversing the stiff wire section and threading it into the handle. Lifts up to 2 lbs.

Stk.	Mfr.	Length	Price
<b>418675</b>	384N	32"	<b>WEB</b>



### Flexible Magnetic Pickup Tool

**General** For retrieving steel parts in hard-to-reach spots. Magnet is 6x more powerful than a cobalt magnet of the same size and density. Knurled aluminum body has flexible 15" wire. 20"L. Lifts up to 2 lbs.

Stk.	Mfr.	Length	Price
<b>418755</b>	395	20"	<b>WEB</b>



#### 4-Prong Mechanical Pickup Tool

**General** Strong 4-prong steel jaws retrieve small items from hard-to-reach places. Flexible shaft for going around obstacles, smooth actuator for greater control, chrome finish to prevent rust.

Stk.	Mfr.	Length	Price
<b>418756</b>	396	24"	<b>WEB</b>



#### Inspection Mirrors

**General** Mirrors allow inspection of inaccessible workpieces and machines. Fully-polished mirrors enclosed in plated holders and attached to knurled handles with ball and socket joints. 557 offers telescoping arm and vinyl cushion-grip handle.

Stk.	Mfr.	Length	Dia.	Price
<b>418960</b>	555	8"	1-1/4"	<b>WEB</b>
<b>418962</b>	557	10-1/2" - 15"	2-1/4"	<b>WEB</b>



#### Magnet & Mirror Inspection Retrieval Kit

**Mayhew** Telescoping w/changeable heads Stainless steel shaft ABS handle w/cushion grip 360° swivel.

**Includes** 14 lb. capacity telescoping magnet w/swivel head & telescoping acrylic 1-3/4" x 2-1/2" mirror w/swivel head.

Stk.	Mfr.	Length	Dia.	Price
<b>528605</b>	17705	7-1/2" - 32"L	1-3/4" x 2-1/2"	<b>WEB</b>

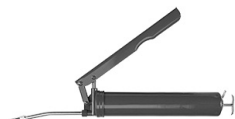


#### Mechanic's Stethoscope

**Lisle** Unique sound chamber and super thin diaphragm greatly amplify sounds. Quickly pin-points the source of noises in engines, transmissions, differentials and bearings.

Stk.	Mfr.	Price
<b>503882</b>	52500	<b>WEB</b>

## GREASE GUNS & SUPPLIES



#### Lever-action Grease Gun

**Performance Tool** Heavy-duty construction with rust-resistant paint, uses standard 14 oz. grease cartridge.

Stk.	Mfr.	Price
<b>976595</b>	W54203	<b>WEB</b>



#### Pistol-Grip Grease Gun

**Performance Tool** Three-way loading with standard 14 oz. cartridge or bulk. Heavy-duty construction and chrome plated finish, vented zinc die-cast head cap, positive lock, air bleeder valve eliminates airlock.

Stk.	Mfr.	Price
<b>976596</b>	W54204	<b>WEB</b>



#### Suction Grease Gun

**Performance Tool** Knurled, thick wall barrel for a secure grip, no priming necessary, 12" flexible hose, 1-pint capacity. Heavy-duty construction and rust-resistant paint.

Stk.	Mfr.	Price
<b>976608</b>	W54220	<b>WEB</b>



#### 18" Flexible Grease Gun Hose

**Performance Tool** For use with hand and air-powered grease guns. 1/8" NPT threads, working pressure 4,500 psi, burst pressure 10,000 psi.

Stk.	Mfr.	Price
<b>976600</b>	W54211	<b>WEB</b>



#### Lithium Grease Cartridge

**MAGI** Multi-purpose grease provides outstanding lubrication and protection in a wide range of temperatures, operating conditions and applications. Made of fine quality base oils, lithium, 12 hydroxy-stearic acid and additive systems.

Stk.	Mfr.	Size	Price
<b>942662</b>	MAG00713	14 oz.	<b>WEB</b>



#### Universal Bearing Packer

**Lisle** Fast, efficient and thorough bearing packer. Place the bearing between the plastic cones, tighten and apply grease through the fitting on the end of the threaded shaft. Forces out old grease and evenly injects fresh grease.

Stk.	Mfr.	Price
<b>503905</b>	65250	<b>WEB</b>



#### Handy Packer Bearing Packer

**Lisle** Quickly flush out old grease and repack bearings with less mess. Grease stays in the tool cavity, keeping hands clean. To pack, place unit on the piston, press down on the cap until the old grease is forced out and replaced by new grease.

Stk.	Mfr.	Size	Price
<b>503862</b>	34550	Up to 3-1/2" O.D.	<b>WEB</b>



#### Multi-Vehicle Wheel Bearing Grease

**Valvoline** This wheel bearing grease is a superior general grease that's fortified with molybdenum disulfide. It provides excellent extreme-pressure and anti-wear protection. Use at 0-375°F on disc-brake wheel bearings, chassis, suspension and universal joints.

Stk.	Mfr.	Size	Price
<b>943515</b>	VV632	16 oz.	<b>WEB</b>



#### Bearing Race & Seal Driver

**Lisle** For inserting bearing race straight on the first try. Helps reduce damage to both race and axle housing. 6 disc sizes (1.565", 1.775", 1.965", 2.325", 2.470" and 2.555") fit most standard bearing race sizes. Turn discs over to drive seals.

Stk.	Mfr.	Price
<b>503804</b>	12600	<b>WEB</b>

## FUNNELS



### Polyethylene Funnels

**Hopkins** Made of durable high-density polyethylene.

Stk.	Mfr.	Size	Price
<b>943159</b>	05007	8 oz.	<b>WEB</b>
<b>942932</b>	05015	16 oz.	<b>WEB</b>
<b>943245</b>	05064	2 qt.	<b>WEB</b>



### Transmission Funnel

**Hopkins** Perfect for hard-to-reach jobs, funnel aids in the delivery of transmission fluid and adjusts to any angle. Tough high-density polyethylene.

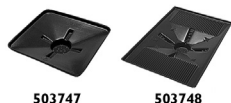
Stk.	Mfr.	Price
<b>942931</b>	06064	<b>WEB</b>



### Threaded Oil / Transmission Funnels

**Lisle** Use 2-piece funnel separately or threaded together for a longer funnel. Larger section screws into threaded oil filler openings to keep the funnel upright for quick, mess-free oil fills. Smaller funnel's diameter is narrow enough to fit transmission filler holes.

Stk.	Mfr.	Price
<b>503733</b>	19802	<b>WEB</b>



### Transmission Drain Funnels

**Lisle** Heavy-duty funnel extends the catch area of any lift drain to catch loose parts. Flexible funnel returns to its original shape if run over.

Stk.	Mfr.	Size	Price
<b>503747</b>	17892	22" x 23"	<b>WEB</b>

**Super Transmission Funnel with fluted edges** Fits Ford E 40D and can be used for draining oil filters.

Stk.	Mfr.	Size	Price
<b>503748</b>	17902	22" x 36"	<b>WEB</b>

## OIL CHANGING TOOLS & SUPPLIES



### Filter Wrench

**Lisle** Low profile 1-1/4" socket removes and installs oil filters on 2.2L GM Ecotec engines. Not for use with impact wrench. 3/8" drive.

Stk.	Mfr.	Price
<b>503936</b>	14700	<b>WEB</b>



### End Cap Oil Filter Wrench Set

**Lisle** For use on most domestic and import vehicles. Wrenches have been improved by adding welds to hold a steel disc to the top of the wrench in addition to spots welds which will greatly increase its strength.

**Includes** 1 ea. of 65mm - 14 Flute, 65/67mm - 14

flutes, 68mm - 14 flutes, 74/76mm - 15 flutes, 76mm - 14 flutes, 76mm - 30 flutes, 80mm - 15 flutes, 86mm - 16 flutes, 93mm - 15 flutes, 93mm - 36 flutes, plus molded case.

Stk.	Mfr.	Price
<b>503944</b>	61450	<b>WEB</b>



### Oil Lift Drain

**Lisle** Drain with quick-release lock ring has specially-shaped jug that holds 8 gal. Hot oil won't warp reinforced base. Wide working range from 36.5" to 74". Lower center of gravity for increased stability and four 2.5" ball bearing wheels that swivel and roll easily. Also has a heavy-duty adjustment clamp, large handle and big pour spout with threaded cap. Large 15" funnel has strainer built-in to catch drain plugs.

Stk.	Mfr.	Size	Price
<b>503746</b>	11102	22" x 33"	<b>WEB</b>



### Metal Drain Pan

**S-K** Seamless, galvanized steel utility drain pan. Rolled rim and ribbed bottom for extra strength. For oil draining and parts.

Stk.	Mfr.	Size	Price
<b>943011</b>	17007	13 Qt.	<b>WEB</b>



### Plastic Drain Pan

**Hopkins** Built-in raised rim handles and pouring spout makes recycling easier. Drain scale helps track oil usage (1 to 7 quarts).

Stk.	Mfr.	Size	Price
<b>943416</b>	OP-112	7 Qt.	<b>WEB</b>



### Swivel-grip Wrenches

**Lisle** Swivel handle clears obstructions and makes it easy to turn filters in hard-to-reach locations. Also features gripper teeth and 1" wide stainless steel band. Easy-grip vinyl covered handle.

Stk.	Mfr.	Range	Price
<b>503884</b>	53700	2-7/8" - 3-1/4"	<b>WEB</b>
<b>503896</b>	53500	3-1/2" - 3-7/8"	<b>WEB</b>



### Oil Filter Pliers

**Lisle** Two-position, slip-joint handled pliers produces the range of 3 separate conventional filter wrenches. The sure grip teeth prevent slipping. Cushioned handle adds comfort. Also works on fuel filters and radiator caps.

Stk.	Mfr.	Range	Price
<b>503876</b>	50750	2-1/4" - 4"	<b>WEB</b>



### Oil Pan Plug Retreading Kit

**Lisle** Removes damaged thread and taps a new oversize thread. Tool ensures new thread will be perpendicular to gasket surface to prevent leakage. Works on soft steel and aluminum oil pans with 1/2", 12 and 14mm threads.

**Includes** piloted drill, spring-loaded tapping tool, 5 magnetic drain plugs & molded case.

Stk.	Mfr.	Price
<b>503807</b>	58850	<b>WEB</b>





### 10-Ton Air Operated Oil Filter Crusher

**OTC** Crushes up to 4 automotive filters at one time, in just 20 seconds. 100% air operation eliminates electrical connections. The generous size crushing chamber (9"H) easily accommodates the largest automotive spin-on filters on the market.

Stk.	Mfr.	Price
<b>693305</b>	1821	<b>WEB</b>



### Premium Absorbent

**Oil-Dri** Highly porous clay granules absorb most types of oils, acids, inks, paints and more. Do not use with turpentine, vegetable oil, unsaturated organic compounds, or hydrofluoric acid.

Stk.	Mfr.	Size	Price
<b>943471</b>	105040-G50	40 Qt.	<b>WEB</b>



### Kleen Sweep™

**Akona** Water-based compound out performs oil-based products. Controls dust and picks up on cement, vinyl, rubber, asphalt, composition and other floors. Picks up gypsum and wall board dust. Stain-free and won't leave oily residue. Environmentally safe (no petroleum oil, not toxic or hazardous).

Stk.	Mfr.	Size	Price
<b>942859</b>	1815	50 lbs.	<b>WEB</b>

## STANDS, JACKS & LIFTS



### Bottle Jacks

**JET** Ideal for lifting, pushing, spreading, bending, pressing or straightening requirements. These units feature electrically-welded base and precision, polished cylinders to ensure strength and eliminate leaks. Hydraulic system is protected by the internal bypass mechanism. Operating range from -4°F to 158°F. Complies with ANSI/ASME B30.1 and PALD-I Standard.

**Includes** pump handle.

**3-Ton** Base 4-9/16" x 2-13/16". Weight 6 lbs.

Stk.	Mfr.	Piston Lift	Min. Height	Max. Height	Price
<b>485882</b>	JHJ-3	4-1/2"	7-1/2"	14-3/8"	<b>WEB</b>

**8-Ton** Base 6" x 3-1/2". Weight 13 lbs.

Stk.	Mfr.	Piston Lift	Min. Height	Max. Height	Price
<b>485883</b>	JHJ-8	4-5/8"	7-7/8"	15-1/2"	<b>WEB</b>

**12-1/2-Ton** Base 6-1/2" x 4-1/8". Weight 18 lbs.

Stk.	Mfr.	Piston Lift	Min. Height	Max. Height	Price
<b>485884</b>	JHJ-12-1/2	5-7/8"	9-1/2"	18-1/2"	<b>WEB</b>



### Heavy-Duty Jack Stands

**Ranger** Constructed out of welded steel and feature a ratchet and pin safety design so they remain locked under load. Use them in pairs for automotive and fleet services as well as agricultural and construction equipment service facilities.

### 3-Ton

Stk.	Mfr.	Height	Base	Weight	Price
<b>235570</b>	RJS-3T	11-1/2" - 17"	7" x 7-1/2"	22 lbs.	<b>WEB</b>

### 6-Ton

Stk.	Mfr.	Height	Base	Weight	Price
<b>235571</b>	RJS-6T	15-1/2" - 24-1/2"	9" x 10-1/2"	32 lbs.	<b>WEB</b>



### 3-Ton Floor Jack

**Bendpak** Capable of handling a full 6,000-lb. load, this jack is made out of heavy-gauge steel to ensure maximum durability. With overload protection and a fully sealed hydraulic system to prevent contamination, the lift mechanism requires virtually zero maintenance. Alloy-plated ram, welded lift arm assembly, safety overload system and swivel casters.

Lifting Capacity 6,000 lbs. Lowered Height 5.25". Raised Height 19.25". Front Width 10.75". Rear Width 13.5". Chassis Length 26". Shipping Weight 84 lbs.

Stk.	Mfr.	Height	Price
<b>235575</b>	RFJ-3TP	5-1/4" - 19-1/4"	<b>WEB</b>



### 3-Ton Super-Duty Floor Jack

**Ranger** Professional-grade floor jack with 6,000-lb. lifting capacity and flanged side plates for extra strength. The flanged edges grip the frame or lift point of your vehicle, preventing slippage. Double-sealed hydraulics and steel construction, universal-joint release system and roller cam plunger assembly make operation easy. Alloy-plated ram, universal joint release, safety overload system and swivel casters.

Lifting Capacity 6,000 lbs. Lowered Height 4.75". Raised Height 20.5". Front Width 11". Rear Width 14.5". Chassis Length 28". Shipping Weight 98 lbs.

Stk.	Mfr.	Height	Price
<b>235574</b>	RFJ-3T	4-3/4" - 20-1/2"	<b>WEB</b>



### 5-Ton Service Jack

**OTC** An extremely safe and durable long chassis 5-ton floor jack. Built-in safety overload prevents using the jack beyond its rated capacity. A convenient foot pedal speeds the lifting operation, handle lock and release controls are located on top of the 40" spring-loaded handle. Cycle tested design for a long life of professional duty.

Size 56"L x 14.75"W x 7.75"H. Weight 191 lbs.

Stk.	Mfr.	Height	Saddle	Price
<b>693480</b>	HDJ5	6" - 22"	5-1/8" dia.	<b>WEB</b>



### JET 2-Ton 10' Lift Chain Hoist

**JET** Slip clutch style overload protection prevents lifting or pulling damaging loads beyond the rated capacity of the hoist when triggered. Weston style double ratchet pawl brake design splits the load to opposite sides of the ratchet gear for greater load security. Grade 100, corrosive resistant plated load chain is a smaller, more compact link that is 20% stronger than Grade 80 load chain. Complies with ANSI/ASME B30.16 and HST-2 Standards.

Capacity 4,000 lbs. Weight 44 lbs.

Stk.	Mfr.	Lift	Head Room	Pull to Lift Capacity	Price
<b>485745</b>	L100-200WO-10	10'	14-3/4"	79 lbs.	<b>WEB</b>



### 1-Ton Folding Engine Stand

**Ranger** Sturdy, wide-base design prevents tipping under load and swivel casters let you position the engine exactly. Heavy steel construction for maximum durability. Reinforced neck increases strength and eliminates flex. Head swivels 360° to easily position engine. Slotted adjustable saddle permits quick and easy installation. Folds upright to conserve floor space.

Stk.	Mfr.	Capacity	Height	Base	Weight	Price
<b>235580</b>	RES-ITF	1 ton	37.5"	41" x 27.5"	106 lbs.	<b>WEB</b>



### 1-Ton Telescoping Transmission Jack

**Bendpak** Remove, transfer and install transmissions, transaxles and other drive-train components with ease. The fully-adjustable/sliding saddle adapts to just about any passenger car and light truck transmission or assembly. Heavy-steel construction for maximum durability. Double-sealed hydraulics prevent contamination. Over-

load system prevents jack from being used beyond rated capacity. Steel roller bearings minimize friction allowing effortless table adjustment when loaded.

Lifting capacity 1st stage 2,000 lbs. 2nd stage 1,000 lbs. Height 37"-73". Base 39" x 39". Weight 222 lbs.

Stk.	Mfr.	Price
<b>235568</b>	RTJ-I	<b>WEB</b>



### 10,000 lb. Capacity Two-Post Lift

**Bendpak** Asymmetric 2-post lift offers wide or narrow installation in one configurable package. Durable, safe and reliable lift features an expandable top beam and Tru-Metric arms to suit virtually every vehicle lifting requirement. The simple, yet highly sophisticated lift design keeps service and maintenance costs to a minimum.

Features 30° rotated columns for added door-opening clearance and interior car access. Tru-Metric carriage and arm design allow loading vehicles symmetrically or asymmetrically. Double-telescoping screw pads with gouge and tear-resistant polyurethane pads help increase workplace safety. Features padded overhead safety shut-off bar, safety locks in each column, single-point safety release, dual hydraulic direct-drive cylinders and self-lubricating dura-glide UHMW polyethylene bearing system. ETL approved.

Rise 69"H. Column 145"H. Lift time 45 sec. Drive-through clearance 93.75" to 101.75". Load per arm 2,500 lbs. Lifting capacity 10,000 lbs. Size 145"H x 145"W. Weight 1,786 lbs.

**Includes** 4-piece 63mm stackable adapter set, graphic safety decals, maintenance decals and vehicle lifting point guide.

Stk.	Mfr.	Volts	Phase	Price
<b>235601</b>	XPR-10AS	220	1	<b>WEB</b>

## GENERAL TOOLS



### Double Flaring Tool Set

**Lisle** Makes both single and double SAE flares. Set includes everything to flare thin wall steel, aluminum or .040 wall soft copper tubing. Set includes 5 thread dies and adapters for forming double flares on the following tubing sizes: 3/16", 1/4", 5/16", 3/8" and 1/2".

**Includes** long bar, 3/16" adapter, 1/4" adapter, 5/16" adapter, 3/8" adapter, 1/2" adapter, instructions & storage tray.

**Not for use on stainless steel tubing.**

Stk.	Mfr.	Price
<b>503907</b>	31310	<b>WEB</b>



### Right Angle Ratcheting Screwdriver

**Lisle** Fits where a regular screwdriver can't. Place handle over bit and turn. Reverse handle on bit to tighten. Use also with 1/4" round shaft screwdriver. Ratcheting action with infinite settings.

**Includes** straight slot & #2 Phillips bit assemblies.

Stk.	Mfr.	Price
<b>503901</b>	64250	<b>WEB</b>



### Nut Splitting Tool

**General** High-grade, heat-treated steel tool for removing frozen, hard-to-remove rusted nuts. Angled body gets into tight spots. Splits nuts up to 1/2" automotive series.

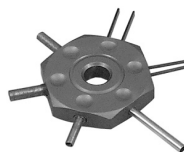
Stk.	Mfr.	Length	Price
<b>417955</b>	175	4-3/4"	<b>WEB</b>



### Throttle Pedal Depressor

**Lisle** Holds throttle at constant rpm. Simply engage the nylon hook under the steering wheel and extend the depressor rod to the accelerator pedal. Adjustment screw fine tunes the rpm level. 40"L.

Stk.	Mfr.	Price
<b>503744</b>	48700	<b>WEB</b>



### Terminal Tool

**Lisle** Eliminate damaged wires and terminals. Removes wires from terminals without damage to either. Prongs depress the "barbs" on conventional terminals.

Stk.	Mfr.	Price
<b>503889</b>	56500	<b>WEB</b>

## TESTING EQUIPMENT & SUPPLIES



### Heavy-duty Remote Starter Switch

**OTC** Allows one person to start and crank engine while under hood or from either side of vehicle. With indicator, red light glows when connected to a hot circuit; light goes off when switch is depressed. High current, heavy-duty push button switch. Leads made from heavy-duty, oil and grease resistant, 12-gauge wire. Clips with protective boots open to an extra wide 5/8" for ease of hook-up. Soft, non-slip rubber grip.

Dimensions: 11.8" x 4.7" x 2.5". Shipping weight: 0.8 lbs.

Stk.	Mfr.	Price
<b>693420</b>	3650	<b>WEB</b>



### Remote Starter

**Lisle** Tough, smooth-working reliable switch. Features heavy gauge, rubber-covered copper wire. Depress button to jog or start the engine.

Stk.	Mfr.	Price
<b>503817</b>	20750	<b>WEB</b>



### 55 Series Digital Multimeter

**OTC** Multimeter provides all the base functions required for today's automotive testing. Max. display 2,000 counts. Features: auto/manual range, auto power off, diode check, continuity buzzer, data hold and max hold.

DC volts 200mV to 200V. AC volts 2V to 200V. DC current 200/2000uA. AC current 200/2000uA. Resistance 400Ω to 2MΩ Temperature -58°F to 392°F Dimensions 9.2" × 6" × 1.6". Weight .08 lbs.

**Includes** test leads and temperature probe.

Stk.	Mfr.	Price
<b>693398</b>	3910	<b>WEB</b>



### 550 Series Digital Multimeter

**OTC** Features powerful automotive test functions: frequency, duty cycle, diode and continuity tests, plus all the standard meter features you expect in a professional grade multimeter. Features auto range data, hold relative, change auto and power off.

DC Volts: 400mV/4/40/400V ± 0.5%, 1000V ± 0.8%.

AC Volts: 4/40/400V ± 0.8%, 400mV/750V ± 1.2%. Resistance: 400Ω/4/40/400kΩ ± 1%, 4/40MΩ ± 2% Capacitance: 40nF ± 3.5%, 400nF/4uF/40uF ± 3%, 400uF/4000uF ± 20%. Size: 10.25" × 7.25" × 2.25". Weight 1.25 lbs.

**Includes** test leads.

Stk.	Mfr.	Price
<b>693399</b>	3940	<b>WEB</b>



### 100 Series Autoranging Multimeter

**OTC** High-quality unit features classic auto-ranging multimeter functions, plus automotive test-specific measurements. Measures for RPM, temperature (°F/°C), dwell, fused direct currents up to 10 amps through meter. Relative

measurement removes test lead resistance from low-resistance measurements. Millisecond pulse width and peak volts measurements for fuel injectors. Tests for resistance, continuity, diode and capacitance. Features: auto/manual ranging, O<sub>2</sub> cross counts, duty cycle, auto power off, data hold and data recording min/max.

DC volts 400mV to 400V. AC volts 4V to 400V. DC current 40/400uA. AC current 40/400uA. Size: 9.5" × 6.5" × 2.2". Shipping weight: 1.15 lbs.

**Includes** inductive RPM clamp, heavy-duty test leads with removable alligator clip ends and temperature probe.

Stk.	Mfr.	Price
<b>693402</b>	3505A	<b>WEB</b>



### 750 Series Digital Multimeter

**OTC** Features powerful automotive test functions and automotive specific tests (true RMS, RPM, dwell, pulse width, temperature, backlight, RS232 and min./max.). It's CATIII and compatible with hybrid vehicle systems. Features diode test, continuity test, auto range, data hold, relative

change, backlight and auto power off.

DC volts 400uV to 1000V AC volts 4V to 750V. DC current 400uA to 10A AC current 400uA to 10A. Resistance 400Ω to 40MΩ.

Capacitance 4nF to 40mF. Size: 10" × 12.5" × 3.5". Shipping weight: 2.5 lbs.

**Includes** RS232 and cable, red and black test leads, alligator clips, RPM pick-up adapter, temp probe adapter, PC cable and software, plus canvas case.

Stk.	Mfr.	Price
<b>693423</b>	3980	<b>WEB</b>



### Digital Battery Tester

**OTC** Tests 12V batteries and analyzes by measuring multiple parameters to deliver accurate results. Uses cost-effective conductance test technology for accurate testing. Bright, 4-digit LED display indicates good/bad status, voltage, and available CCAs. Quick, 1-second initial results. Temperature and low charge compensation. Surface charge warning.

Measures CCA, IEC, DIN, BCI, and EN. CCA range 125-1400.

Size 10.3" × 8.5" × 4.1". Weight 1.64 lbs.

**Includes** carrying case.

Stk.	Mfr.	Price
<b>693352</b>	3183	<b>WEB</b>



### 100-Amp Battery Load Tester

**OTC** Tests 6V and 12V batteries on or off the car in 10 seconds. Determines state of charge, cranking, charging volts and good/bad status. Heavy-duty copper-plated clamps, load safety switch, ceramic insulators and heavy-duty, chrome-plated, ventilated steel case. Extra-large display with zero adjust.

Volt range 0-16. Load capacity 100 amp. Size 14" × 7.4" × 3.6".

Weight 3 lbs.

Stk.	Mfr.	Price
<b>693350</b>	3180	<b>WEB</b>



### Battery Tester with Integrated Printer

**BOSCH** Battery tester with integrated printer tests 6V and 12V batteries from 40-2,000 CCA including AGM, Gel cell, lead-acid, start/stop EFB and commercial SLI batteries using a micro-load test for proven, accurate results. It also tests 12V and 24V charging systems with a diode/ripple test. The integrated printer captures

test results, presenting state of health and state of charge percentage. Test clamps are detachable for service or replacement.

**Includes** tester unit, detachable cables, 6 AA batteries, paper roll, user manual and case.

Stk.	Mfr.	Price
<b>693198</b>	1699200244	<b>WEB</b>



### Advance Timing Light

**OTC** Professional timing light allows accurate adjustment of base and advance timing readings. Adjustable knob measures centrifugal, vacuum and computer advance. On/off one-touch control. All-metal inductive pickup, reflected super-bright Xenon flash and removable leads with positive twist lock connector. Heat-resistant over molding on battery clips.

**Includes** molded case.

Stk.	Mfr.	Price
<b>693382</b>	3365	<b>WEB</b>



### OBD II, ABS and Airbag Scan Tool

**OTC** Works with all 1996 and newer vehicles (OBD II, CAN, EOBD). AutoID upon plugging the tool in will automatically populate vehicle data for most 2000 and newer vehicles. Live data with color screen tool. Full mfr. specific code definitions (make/model/year/engine). Reads and displays ABS and Airbag codes for most 1996 and newer GM, Ford, Chrysler, Toyota, Honda, Nissan, and Hyundai vehicles. Graph, record and playback live data. Monitor battery, alternator, and charging systems.

**Includes** USB update cable.

Stk.	Mfr.	Price
<b>693355</b>	3209	<b>WEB</b>



### Engine Compression Tester Kit

**OTC** Designed for complete compression testing on gasoline engines. Professional quality 2-1/2" gauge with zero adjust, chrome bezel and rugged protective outer boot. Adapters work on both flat and tapered seat plugs and repair parts kit. Corrosion resistant nickel plated finish, 12" flex-14 mm standard reach hose, 12"

flex-14 mm long reach hose and 10, 12, and 18 mm thread adapters.

Gauge reads 0-300 psi and 0-2100 kPa.

**Includes** standard and long reach hoses, 3 adapters, repair parts kit, 26" flex hose gauge assembly with quick coupler and molded case.

Stk.	Mfr.	Price
<b>693430</b>	5606	<b>WEB</b>



### Engine Compressor Tester

**Lisle** Quickly and accurately check compression on gasoline engines. Gauge registers 0-300 psi and 0-2100 kPa. Fits 14 and 18mm thread sizes.

Stk.	Mfr.	Price
<b>503828</b>	20250	<b>WEB</b>



### Vacuum/Pressure Gauge Kit

**OTC** Ideal for testing vacuum lines and components. Accurately tests low pressure fuel systems. Quickly diagnose internal engine problems such as bad rings, valves and leaking head gaskets. Pin point hard-to-find problems such as cracked lines. Large 3-1/2" gauge features a chrome bezel and rugged protective outer boot. Dual-purpose gauge reads vacuum and pressure.

Gauge reads 0-30" Hg vac and 0-70 cm Hg. 0-15 psi and 0-100 kPa.

**Includes** gauge, gauge boot, 24" vacuum hose, 'T' fitting, in-line connector, conical adapter, fuel line/universal adapter and molded case.

Stk.	Mfr.	Price
<b>693415</b>	5613	<b>WEB</b>



### Fuel Pressure Tester Kit

**OTC** Quickly and easily locate any malfunctioning fuel system component, including fuel filters, pressure regulators, fuel lines, and fuel pumps without removing it from the vehicle. Solid brass fittings. Pressure relief valve for safe, clean testing.

0-100 psi scale. 0-700 kPa.

**Includes** adapter and clear tubing.

Stk.	Mfr.	Price
<b>693432</b>	5630	<b>WEB</b>



### Master Fuel Injection Test Set

**Lisle** Checks fuel pressure on most Port Fuel Injection (PFI) and Throttle Body Injection (TBI) systems. Comes with a variety of adapters and gauges for checking many types of systems. Adapts to work with test port connections, end of hose connections and in-line connections. Tests GM, Ford, Chrysler, Honda/Acura, Toyota, Bosch CIS and L-Jetronic.

**Includes** asst. adapters and gauges, manual and molded case.

Stk.	Mfr.	Price
<b>503737</b>	55700	<b>WEB</b>



### Fuel Injection Pulse Tester

**OTC** Performs a cylinder balance test when injectors are suspected in engine performance problems. Vehicle-powered tool fires individual injectors in 1/2 sec. increments in 3 different ranges. Power and output lights indicate test activation.

**Includes** wiring harness adapter and instructions.

Stk.	Mfr.	Price
<b>693391</b>	3398	<b>WEB</b>



### Leaktamer EVAP Tester

**OTC** 80% of top codes can be diagnosed with smoke technology. Smaller size for portability and better technology for more power. UltraTrace UV® dye is the only OE approved solution. Smoke flow control adjusts for specific applications. Detects microleaks to and below .010".

**Includes** leak tamer unit, white/UV combination with laser pointer, UV glasses, service port adapter, exhaust adapter cone, cap plug adapters, Schrader® tool and UltraTrace UV® solution.

Stk.	Mfr.	Price
<b>693407</b>	6522	<b>WEB</b>



### Primary Wire

**Coleman Cable** General purpose wiring for automobiles, boats, trucks, buses, tractors, trailers and other motor-driven equipment.

Stk.	Mfr.	Gauge	Color	Length	Price
<b>983160</b>	55-66-66-23	16	Black	100'	<b>WEB</b>
<b>983161</b>	55-66-73-23	18	Black	100'	<b>WEB</b>





### Vacuum/Windshield Washer Hose

**HBD Industries** Compounded not to deteriorate or split from heat or ozone. Resists oil and grease.

Stk.	Mfr.	Dia.	Length	Price
<b>942874</b>	334050	5/32"	50'	<b>WEB</b>
<b>942875</b>	334150	7/32"	50'	<b>WEB</b>



### Fuel Line/Vapor Emission Hoses

**HBD Industries** Nitrile tube hose is suitable with lead or unleaded gasoline and many Ethanol and Methanol-based gasohol blends. Meets or exceeds SAE30R7 specifications. This hose is not to be used for fuel injected systems.

Stk.	Mfr.	Dia.	Length	Price
<b>942876</b>	25060	1/4"	25'	<b>WEB</b>
<b>942877</b>	25078	5/16"	25'	<b>WEB</b>
<b>942878</b>	25088	3/8"	25'	<b>WEB</b>



### Hose Clamp

**Ideal** Stainless steel construction with zinc-plated carbon screw.

Stk.	Mfr.	Size	Price
<b>943429</b>	6204053	7/32" x 5/8"	<b>WEB</b>
<b>943430</b>	6206053	7/16" x 25/32"	<b>WEB</b>
<b>943431</b>	5710053	9/16" x 1-1/16"	<b>WEB</b>
<b>943432</b>	5712053	1 1/16" x 1-1/4"	<b>WEB</b>
<b>943433</b>	5720053	1 3/16" x 1-3/4"	<b>WEB</b>
<b>943434</b>	5728053	1-15/16" x 2-1/4"	<b>WEB</b>
<b>943435</b>	5736053	1-13/16" x 2-3/4"	<b>WEB</b>



### Heavy-duty Coil Cord Circuit Tester

**OTC** Designed for testing electrical circuits and locating shorts, grounds, and open circuits. 12' heavy-duty, red coil cord lead. Ergonomic clear handle, replaceable bulb. Heavy-duty, stainless steel probe checks 6 and 12V systems.

Stk.	Mfr.	Price
<b>693435</b>	3636	<b>WEB</b>



### Computer/Polarity Circuit Tester

**Lisle** Checks for open or short circuits on 12V automotive computer circuits. Operates at a safe range of 3-28V and draws less than 21mA at 12V DC. Lights indicate positive and negative polarity.

Stk.	Mfr.	Price
<b>503864</b>	24550	<b>WEB</b>



### Low Circuit Tester

**Lisle** Quick check both AC and DC current up to 28V with the power on. Helps locate shorts or breaks in wiring. Complete with insulated grounding clip.

Stk.	Mfr.	Price
<b>503844</b>	26250	<b>WEB</b>



### High/Low Circuit Tester

**Lisle** Low side checks AC and DC current up to 28V with power on. High side checks spark plug wires without piercing. Complete with insulated clip.

Stk.	Mfr.	Price
<b>503927</b>	29500	<b>WEB</b>



### Ultimate Circuit Tester Kit

**Lisle** Heavy-duty tester signals with a light and buzzer. Tests low voltage up to 28V, finds electrical shorts, checks polarity, detects battery drain and checks circuits from a distance. Heavy-duty coil cord extends over 8'. Detachable, spring-loaded hook pulls the center of the wire into the probe every time. Attach alligator clip to the probe for clip-on connections.

Stk.	Mfr.	Price
<b>503838</b>	28640	<b>WEB</b>



### Inline Spark Tester

**Lisle** The tool is double-ended to offer a straight boot and a 90° boot on one tool. With the engine running, the tool flashes a mirror image of ignition spark.

Stk.	Mfr.	Price
<b>503758</b>	20610	<b>WEB</b>



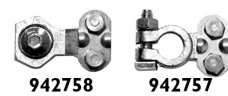
### ATM/Max Fuse Kit

**Bussmann** For '96 and newer vehicles. 64-piece contains popular ATM and MAX blade fuses. Complete with FT-3 fuse tester/puller. Fuses meet or exceed OE and SAE standards.

**Includes** two ea. Atm 2, 3, 4, three ea. Atm 7-1/2, five ea. Atm 5 & 25, ten ea. Atm 10, 15, 20 & 30, two ea. Max 30 amperage fuses, one ea. Max 40 & 50 amperage fuses, 3' combination fuse tester/puller & plastic case.

Stk.	Mfr.	Price
<b>943307</b>	64	<b>WEB</b>

## BATTERY TOOLS



### Battery Terminals

**Infinite** Heavy-duty lead alloy terminals fit 1 to 6 AWG cables.

**Side Post** Protruding ring assures positive contact & recessed circle affords exact positioning.

Stk.	Mfr.	Price
<b>942758</b>	00351	<b>WEB</b>

**Top Post** Fits positive or negative posts. Bolt locks firmly from L to R. Steel inserts avoid stripping. Universal unit holds cable or strap. Removable plate for easy assembly. Threaded clamp avoids pull-out.

Stk.	Mfr.	Price
<b>942757</b>	00350	<b>WEB</b>



### Battery Terminal Brush

**Lisle** Cleans dirt and corrosion from battery terminals and cable clamps. High impact plastic case will not weaken in cleaning solutions.

Stk.	Mfr.	Price
<b>503740</b>	11120	<b>WEB</b>



### Side Terminal Brush

**Lisle** Brush's "coil spring" cutters polish battery contact while stainless steel brushes clean cable terminals.

Stk.	Mfr.	Price
<b>503770</b>	11400	<b>WEB</b>



### Battery Terminal Puller

**Lisle** Dual-purpose puller easily removes stuck battery terminals and bolted-on wiper blades.

Stk.	Mfr.	Price
<b>503890</b>	54150	<b>WEB</b>



### Battery Carrier

**Lisle** Spring-action handle turns lifting power into better gripping pressure. Form-fitting handle provides a solid gripping surface. Carrier works on most batteries.

Stk.	Mfr.	Price
<b>503892</b>	57850	<b>WEB</b>



### Fully Automatic Battery Charger/Engine Starter, 50A, 12V

**Schumacher** 50/12/2 amp fully-automatic starter/charger. Microprocessor control automatically adjusts the amperage rate to charge and maintain. Multi-stage charging for added precision, safety and battery life. Automatically maintains optimum battery charge. Reverse hook-up protection. DOE compliant, UL ULC BC Certifications.

Stk.	Mfr.	Volts	Amps	Price
<b>771740</b>	SCI361	12	50	<b>WEB</b>



### Battery Charger/Engine Starter

**Schumacher** Microprocessor automatically adjusts the amperage rate. Multi-stage charging for added precision, safety and battery life. Float mode automatically maintains optimum battery charge. Quick-connect harness attaches either connector in seconds. Charger will not operate if clamps are reversed. DOE compliant, UL ULC BC certifications. Mfr.'s 2-year warranty.

**Includes** battery clamp quick-connect and ring terminal quick-connect.

Stk.	Mfr.	Volts	Amps	Price
<b>771730</b>	SCI355	12/6	1.5	<b>WEB</b>



### Fully Automatic Battery Charger/Engine Starter

**Schumacher** For extreme starting and charging jobs. Digital display, LED indicators and button controls for ease and accuracy. Battery and alternator tester helps diagnose electrical problems. Microprocessor automatically adjusts amperage rate. Multi-stage charging for precision, safety and battery life. Float mode monitoring automatically maintains optimum battery charge. Clamps located on front of unit. Retractable handle and compact wheels for easy storage. DOE compliant. Meets UL, ULC, BC Certifications.

Size 12.5" x 11.88" x 23.5". Weight 29.75 lbs.

Stk.	Mfr.	Volts	Amps	Price
<b>771727</b>	SCI353	6/12	2/40/200	<b>WEB</b>



### 20' Heavy-duty Booster Cable

**Master Mechanic** Four gauge SAE 100% copper conductors with tough vinyl insulation and color-coded clamps. Provides easy connection from behind, even on large vehicles.

Stk.	Mfr.	Amps	Price
<b>943004</b>	601924	500	<b>WEB</b>

## BRAKE TOOLS



### Brake Lathe

**Ranger** Combination brake lathe uses independent DC servo motors to control cross-feed and spindle feed drives. Infinitely adjustable feed rates allow easy modification of cut speeds. Reduce or increase cut-time for best finish results, whether speeding through an initial rough cut or a single-pass micro-finish. Works on all cars or trucks, foreign and domestic, with hubless drums, rotors (center hole sized 2-5/32"-4") and composite

rotors (center hole sized 4"-6-1/4"). Massive tapered spindle bearings offer superior weight support during rotation.

Spindle speed 150- 200 RPM. Max. rotor 17" dia. x 2-1/2"T. Brake drum 6-28" dia. max. Max. load standard arbor 150 lbs. Max. load 1-7/8" arbor 250 lbs. Weight 685 lbs. (shipping).

**Includes** bench, tool storage backboards and standard tooling package.

Stk.	Mfr.	Volts	HP	Phase	Price
<b>235582</b>	RL-8500	120	1	1	<b>WEB</b>



### Disc Brake Micrometer

**Chicago Brand** Hardened tips. Ratchet and lock. Reads to 0.001" with 0.3" to 1.3" range. 3.25" reach.

Stk.	Mfr.	Price
<b>302548</b>	50062	<b>WEB</b>



### Lock Ring Pliers

**Lisle** Designed for removing and installing lock rings on all types of transmissions, master cylinders, brakes, etc. Jaws are knurled on the end to prevent slipping.

Stk.	Mfr.	Price
<b>503868</b>	44900	<b>WEB</b>



### Brake Spring Pliers

**Lisle** Double-ended tool for removing and installing brake springs. Use plier tips to stretch brake spring. Handle ends remove and install spring over anchor post.

Stk.	Mfr.	Price
<b>503750</b>	11260	<b>WEB</b>



### Brake Spring Tool

**Lisle** Easily remove and replace brake return springs that are set over a post. "Shoe horn" design on opposite end makes it easy to slip the spring back over the post. Its large handle provides a good grip and easy operation.

Stk.	Mfr.	Price
<b>503874</b>	46750	<b>WEB</b>



### Snap Ring Pliers

**Lisle** Combination tool for internal and external snap rings that can compress internal rings and expand external rings. Quick-change reversing lever.

**Includes** 4 tip sets (.045" & .060" straight tips, .045" 45° tips & .035" 90° tips).

Stk.	Mfr.	Price
<b>503872</b>	46000	<b>WEB</b>



### Fixed Tip Convertible Snap Ring Plier Set

**GEARWRENCH** Designed for the removal and installation of either internal or external snap rings. Cushion dipped handles for comfort.

**Includes** four straight (.038", .047", .070", .090"), four 45° (.047", .038", .070", .090"), 90° (.038", .047", .070", .090") and case.

Stk.	Mfr.	Price
<b>432795</b>	3495	<b>WEB</b>



### Retaining Ring Pliers Set

**CHAN-NEL-LOCK** Converts from internal to external rings with the switch of a tab.

For external rings 1/4" to 2", internal rings 3/8" to 2".

**Includes** 5 pairs of interchangeable tips (.039, .047, .074 straight and .039, .047 90°).

Stk.	Mfr.	Price
<b>301540</b>	927	<b>WEB</b>



### 16-Piece Pliers & Tips Set

**OTC** Steel, heat-treated internal and external retaining ring pliers with tips to handle many applications.

**Includes** internal ring pliers, external ring pliers & 16 tip sets (four .038" 90° tips, four .047" 45° tips, plus eight ea. of .047" & .070" straight tips).

Stk.	Mfr.	Price
<b>693317</b>	7053K	<b>WEB</b>



### Brake Caliper Socket Set

**Lisle** For servicing disc brakes. 3/8" square drive sockets with hex bits remove and replace floating caliper mounting bolts. 3/8" and 8mm hex bits for GM and 1/4" hex bit for Ford.

**Includes** 1/4", 8mm & 3/8" sockets.

Stk.	Mfr.	Price
<b>503802</b>	12550	<b>WEB</b>



### Universal Disc Brake Caliper Tool

**Lisle** For rotating the brake piston back into the caliper to provide clearance for new pads. 5 adapters for use in 2 and 4-wheel disc brake assemblies of most domestic and import cars (adapter 2B fits Mazda 3 & some Jaguar applications). Tool makes the job easy while preventing damage to the piston and boot.

Stk.	Mfr.	Price
<b>503732</b>	25000	<b>WEB</b>



### Brake Bleeder Wrenches

**Lisle** Designed for bleeding air from brake cylinders with bleeder screws. Tools are double-ended and offset for easy access.

Stk.	Mfr.	Description	Price
<b>503730</b>	10900	For 5/16" to 3/8" Screws	<b>WEB</b>
<b>503731</b>	10950	For 1/4" to 3/8" Screws	<b>WEB</b>



### Brake Adjustment Tool

**Lisle** Speeds star wheel adjusting. Different angle at each end adapts to various makes and models.

Stk.	Mfr.	Price
<b>503886</b>	50700	<b>WEB</b>



### Brake Spring Washer Tool

**Lisle** Tool fits both large and small washers. Wide "window" allows better visibility to align the nail and washer slot.

Stk.	Mfr.	Price
<b>503866</b>	47400	<b>WEB</b>



### Vacuum Testing / Brake Bleeding Kit

**Lisle** Hand-operated pump to check all vacuum operated components on vehicles. Pump is made of 1-piece zinc die cast material for durability and improved performance.

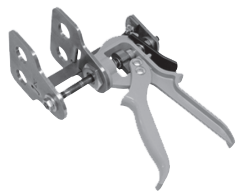
Stk.	Mfr.	Price
<b>503947</b>	75000	<b>WEB</b>



### Disc Pad Spreader

**Lisle** For installing pads on most domestic and import cars and light trucks. Tool compresses disc brake piston for easy pad installation.

Stk.	Mfr.	Price
<b>503842</b>	24400	<b>WEB</b>



### Quick Quad Brake Pad Spreader

**Lisle** Quickly spreads brake pads and compresses disc brake pistons for pad replacement on single, double and quad piston calipers. Simultaneously compress all 4 pistons on quad piston applications. Makes brake pad replacement a quick and easy job.

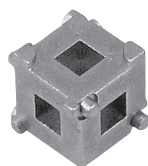
Stk.	Mfr.	Price
<b>503810</b>	29100	<b>WEB</b>



### Brake Pad Gauge

**OTC** Takes definitive measurement to determine remaining life of brake pads without removing any components on most vehicles.

Stk.	Mfr.	Price
<b>693438</b>	6596	<b>WEB</b>



### Disc Brake Piston Tool

**Lisle** Rotates pistons back into the caliper when replacing pads. For vehicles with 4 wheel disc brakes. 6 piston configurations fits most domestic and some import applications. Use with 3/8" drive ratchet and extension.

Stk.	Mfr.	Price
<b>503929</b>	28600	<b>WEB</b>



### Mini Tubing Cutter

**Lisle** Smooth nylon action cuts tubing quickly. Small size for use in tight spots. Cuts all type of metal tubing. Easy-to-use nylon cutter is non corrosive for long life.

Stk.	Mfr.	O.D. Capacity	Price
<b>503888</b>	50000	5/8"	<b>WEB</b>

## WHEEL TOOLS



### Tire Tread Depth Gauge

**Milton** Tire tread depth gauge has a large base, flat blade and pocket clip. Accurately measures the depth of the new "Sipe Treads"

as well as conventional treads. Round aluminum indicator bar calibrated from 0 to 1" in 1/32" markings. A must for determining remaining tire life.

Stk.	Mfr.	Price
<b>968364</b>	448	<b>WEB</b>



### Valve Core Tool

**Lisle** Heat-treated steel tip for removing and installing standard valve cores. A dual durometer handle for comfort with a rotating knob on the end allowing the tool to turn smoothly while applying pressure with the palm of your hand. The 5.7"L tool can reach valve stems on the inner dual wheels. Includes pocket clip.

Stk.	Mfr.	Price
<b>503792</b>	15190	<b>WEB</b>



### Valve Core Torque Tool

**Lisle** Properly installs and removes valve cores, including late model vehicles with the tire pressure monitoring system (TPMS). Torque tool is set to 4 in. lbs., to prevent under and over torquing the valve core. Helps prevent valve core leaks causing low tire pressure and possible TPMS alerts. Slim design allows access in tight spots.

Stk.	Mfr.	Price
<b>503813</b>	18810	<b>WEB</b>



### RC-45 Tire Changer

**Coats** Powerful 1 HP motor provides ample power and allows for advanced wheel control. Manual swing arm is easily adjusted so that the Mount/Demount Tool is properly fitted to the tire rim. Quickly seals beads while tabletop inflation provides a faster workflow.

Rim 6" - 24" dia. x 10.5". Tire dia. 50".

Footprint 35"W x 44"D x 70"H.

Weight 600 lbs. (shipping).

**Includes** 2 Duckhead® Mount/Demount Tool Inserts.

Stk.	Mfr.	Item	Price
<b>471280</b>	85609949	Air Model	<b>WEB</b>
<b>471281</b>	8560994901	Electric Model	<b>WEB</b>



### 1600-3D Direct Drive Wheel Balancer

**Coats** Wheel balancer provides legendary reliability with state of the art capability. Motor and spindle are combined into a single, pre-balanced assembly that always stays calibrated to zero. Utilizes ProBalance Technology™, a unique balancing algorithm and correction methodology that minimizes both static and couple unbalance. The weight location recognition system offers touch-free operation for 85% of wheel balances. The industrial grade touch-screen system is built to last and can be used while

wearing gloves. Mfr.'s 3-year parts, 6 months labor warranty.

Balancing Modes 8. Wheel range 8"-30" dia. x 2"-20"W.

Max. tire up to 44" dia., 160 lbs. Shaft 40mm dia.

Size 57"W x 55"D x 75"H. Weight 650 lbs. (shipping)

**Includes** 3 stud weight trays, 8 double-sided collets, calipers, premium wheel weight hammer, premium quicknut, small pressure cup and rubber lip, no-mar ring, spring, scraper and side shadow board.

Stk.	Mfr.	Volts	Phase	Price
<b>471010</b>	80016003D	220	1	<b>WEB</b>



### Digital Tire Inflator Kit

**Performance Tool** Professionally calibrated digital pressure gauge for accurate readings between 0-150 PSI (0-10.34 Bar; 0-1034 Kpa; 0-10.5 kg/cm²) with resolution of 0.1psi within ±1%. Large backlit LCD gauge shuts off after 20 seconds of inactivity.

**Includes** inflation gun, digital gauge, 20" x 1/4" rubber lead hose, 4 air chucks, 4 rubber valve seals and 2 AAA batteries.

Stk.	Mfr.	Price
<b>976485</b>	M526	<b>WEB</b>



### Inflator Gauge

**Milton** Heavy-duty inflator gauge for everyday use. Magnifying lens with thin line indicator ring allows full view of scale. Measures 10 lbs. to

120 lbs. in 2 lb. increments. Gauge has full swivel dual head chuck.

Stk.	Mfr.	Price
<b>968370</b>	506	<b>WEB</b>



### Plastic Valve Caps

**Performance Tool**

Stk.	Mfr.	Qty.	Price
<b>976460</b>	60110	4	<b>WEB</b>





### High Heat Dome Valve Caps Performance Tool

Stk.	Mfr.	Qty.	Price
<b>976461</b>	60111	4	<b>WEB</b>



### Tire Pressure Testers Milton

Dual chuck truck tire gauge, 2 sides 20 to 120 psi in 2 lb. increments and 2 sides 120 to 820 in 20 kPa increments.

Stk.	Mfr.	Price
<b>968673</b>	927	<b>WEB</b>

Easy-to-read nylon indicator bar is calibrated 2 sides from 10 to 160 lbs. in 2 lb. units and 2 sides from 80 to 1,100 kPa in 20 kPa units.

Stk.	Mfr.	Price
<b>968675</b>	S-976	<b>WEB</b>

Pencil-type tire gauge provides the finest in accurate, long life and trouble free performance. For use on bicycles, RVs and trucks. Nylon indicator bar with red marker. Gauge has 2 sides measuring from 20 to 120 psi in 2 lb. increments, and from 120 to 820 kPa in 20 kPa increments.

Stk.	Mfr.	Price
<b>968672</b>	925	<b>WEB</b>

Pencil-type tire tester calibrated in 1 lb. steps from 5 to 50 lbs.

Stk.	Mfr.	Price
<b>968670</b>	921	<b>WEB</b>



### Digital Tire Gauge

**Milton** Easy-to-use, instant read tester with auto on/off. 2-60 psi.

Stk.	Mfr.	Price
<b>968740</b>	99900	<b>WEB</b>



### Mini Dial Gauge

**Victor** Easy-to-read compact gauge for auto, SUV, RV and light trucks. 5-60 psi.

Stk.	Mfr.	Price
<b>942648</b>	22-5-08770-8	<b>WEB</b>



### Dual Head Air Chuck

**Milton** Manufactured to exacting standards. 1/4" female N.P.T.

Sealing type chuck is not to be used w/Milton inflator gauge.

Stk.	Mfr.	Price
<b>968396</b>	690	<b>WEB</b>



### Cross Rim Wrench

**Custom** 20" long. Hexagon openings, sizes 3/4", 13/16", 7/8" and 15/16".

Stk.	Mfr.	Price
<b>968201</b>	84442	<b>WEB</b>



### 4-in-1 Valve Repair Tool

**Milton** For valve stem and core. Rethreads inside and outside of valve stem. Insert, tighten or remove valve core (with guide, included). Removes core if shoulders are broken. Steel-plated, corrosion resistant.

Stk.	Mfr.	Price
<b>968360</b>	445	<b>WEB</b>



### Valve Insertion & Removal Tool

**Milton** All-steel tool provides leverage for positive seating and removal of "snap-in" type valves. Deep threaded head assures ease of valve stem attachment. Plated to resist corrosion.

Stk.	Mfr.	Price
<b>968365</b>	449	<b>WEB</b>



### Tire Repair Kit

**Victor** Repairs steel belted tires.

**Includes** 3 black strings, needle, rasp & cement.

Stk.	Mfr.	Price
<b>942953</b>	M8804	<b>WEB</b>



### Heavy Duty Tire Repair Kit

**Victor** Repairs all tire types.

**Includes** 5 black strings, pistol grip rasp & inserting tools.

Stk.	Mfr.	Price
<b>942952</b>	M8710	<b>WEB</b>

## BODY TOOLS



### Soft Face Hammer w/Hickory Handle

**Stanley** Replaceable tips are made of tough plastic that won't mar finely finished surfaces.

Handles are made of hickory securely locked in steel center body.

Stk.	Mfr.	Handle	Weight	Price
<b>859023</b>	57-594	12"L	8 oz.	<b>WEB</b>



### Roll Head Pry Bars

**Mayhew** Forged from top quality steel and heat-treated for superior strength. The 90° angle bar provides the greatest leverage for the toughest jobs.

Stk.	Mfr.	Stock	Length	Price
<b>528610</b>	40101	1/2"	16"	<b>WEB</b>
<b>528611</b>	40102	5/8"	18"	<b>WEB</b>



### Door Panel Remover

**Lisle** Bent handle design allows use where space is limited, and provides extra prying force. Square cut-out tip provides a no-slip grip, even on fasteners with small ears.

Stk.	Mfr.	Price
<b>503860</b>	35350	<b>WEB</b>



### Door Upholstery Remover

**Lisle** Heavy duty, with large comfortable handle to easily remove plastic fasteners.

Stk.	Mfr.	Price
<b>503928</b>	35400	<b>WEB</b>



### 5-Piece Super Out Screw Extractor Set

**Lisle** Extremely strong set made of special hardened, shock-resistant tool steel. Works on left- and right-hand threads. Extractors cut their way

straight into bolts, eliminating wedging or further tightening of frozen bolts and screws. Extracts 1/4" to 1/2" bolts and screws.

**Includes** 5 extractors (removes bolt sizes 1/4", 5/16", 3/8", 7/16", 1/2").

Stk.	Mfr.	Price
<b>503898</b>	62900	<b>WEB</b>



### Tartan™ Masking Tape

**3M Tartan** Tape is designed for labeling, wrapping and other jobs where pressure-sensitive tape is needed. Use for non-critical painting applications. It should be removed within 4 hours. It

should not be applied to wallpaper, unpainted wallboard or ceiling tile.

Stk.	Mfr.	Width	Length	Price
<b>590226</b>	5142-18E	3/4"	60 yd.	<b>WEB</b>
<b>590228</b>	5142-24A	1"	60 yd.	<b>WEB</b>
<b>590230</b>	5142-36A	1-1/2"	60 yd.	<b>WEB</b>
<b>590232</b>	5142-48A	2"	60 yd.	<b>WEB</b>



### General Use Masking Tape 201+

**3M** Light-to-medium duty tape sticks to many surfaces and removes cleanly with no residue.

Stk.	Mfr.	Width	Length	Price
<b>590225</b>	201	1/2"	60 yd.	<b>WEB</b>



### Sanding Block

**NORTON** Hard but flexible rubber. Paper clamps easily and quickly. Sheet size 2-3/4" x 9".

Stk.	Mfr.	Price
<b>608251</b>	43140	<b>WEB</b>



### Rubber Sanding Block

**3M** Block is easy to hold, and the heavy rubber allows for better sanding control. Use with 2-3/4" x 9" abrasive sheets or 1/4 of a standard sheet. 2-3/4"V.

Stk.	Mfr.	Price
<b>590421</b>	9292	<b>WEB</b>



### Sanding Sponges

**NORTON** Flexible sanding sponge can be used for curved or flat surfaces. Convenient, easy-to-use wet or dry. Reusable and washable to eliminate loading for increased sanding life. Use on wood, paint, metal, plastic and drywall. Durable, lasts longer than sandpaper.

#### Small Area

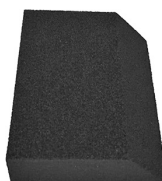
Stk.	Mfr.	Grit	Sponge Size	Qty.	Price
<b>608524</b>	49504	Fine/Medium	4" x 2-3/4" x 1"	24	<b>WEB</b>

#### Contour

Stk.	Mfr.	Grit	Sponge Size	Qty.	Price
<b>598952</b>	00937	Extra Fine	4-1/2" x 5-1/2" x 3/16"	2	<b>WEB</b>

#### Flexible

Stk.	Mfr.	Grit	Sponge Size	Qty.	Price
<b>598967</b>	00947	Medium	3" x 4" x 1/2"	3	<b>WEB</b>



### Angled Sanding Sponge

**Gator** This sanding sponge has a single angle, ideal for corners or detail sanding. Best for use on drywall, wood, metal, fiberglass, or painted surfaces.

Stk.	Mfr.	Size	Grit	Qty.	Price
<b>943512</b>	7125	3"W x 5.5"L x 1"H	Fine	1	<b>WEB</b>
<b>943513</b>	7126	3"W x 5.5"L x 1"H	Medium	1	<b>WEB</b>



### 9" x 11" SandWet™ Sandpaper

**NORTON** These wet dry sheets provide superior sanding performance for an exceptionally smooth surface finish. Backing is flexible and reinforced with fiber. Coating is non-pigmented and water-based stearate to prevent clogging.

Stk.	Mfr.	Grit	Qty.	Price
<b>605960</b>	48053	1500	5	<b>WEB</b>
<b>605961</b>	48054	1200	5	<b>WEB</b>
<b>605962</b>	48055	800	5	<b>WEB</b>
<b>605963</b>	48056	600	5	<b>WEB</b>
<b>605964</b>	48060	400	5	<b>WEB</b>
<b>605965</b>	48080	320	5	<b>WEB</b>

### 9" x 11" Tufbak Durite Sandpaper

**NORTON** For sanding between primer coats and other finishes on wood or metal with water or other lubricants. Diamond-like close coat abrasive electro-coated to a tough, waterproof backing. B weight paper. 9" x 11" sheets.

Stk.	Mfr.	Grit	Qty.	Price
<b>598995</b>	39360	600-B	50	<b>WEB</b>
<b>599005</b>	39362	400-B	50	<b>WEB</b>
<b>599072</b>	39365	280-B	50	<b>WEB</b>
<b>599085</b>	39367	220-B	50	<b>WEB</b>

## CLEANING & WIPING CLOTHS



### Reusable Tack Cloth

**Rubberset** Reusable, bleached tack cloth removes dust and lint for super smooth finish, before application of lacquer, enamel, varnish or shellac.

Stk.	Mfr.	Size	Price
<b>532813</b>	115829000	18" x 36"	<b>WEB</b>



#### Tack Cloth

**Trimaco** Excellent for cleaning and removing dust between coats of paint or stain and is reusable. Also a favorite in the automotive industry.

Stk.	Mfr.	Size	Price
<b>942868</b>	10501	18" x 36"	<b>WEB</b>



#### Micro-Fiber Dry Tack Cloth

**NORTON** For general dry applications. Works best when sprayed with a light water mist to deep clean. Can be washed 300+ times without losing its cleaning and trapping abilities.

Stk.	Mfr.	Size	Price
<b>600509</b>	06038	16" x 16"	<b>WEB</b>



#### White Rags in a Box

**Scott** The strength of cloth with the absorbency of a sponge. Pop-up dispenser box.

Stk.	Mfr.	Qty.	Price
<b>942724</b>	75240	85	<b>WEB</b>
<b>942725</b>	75260	200	<b>WEB</b>



#### Wiping Cloths

**Kimberly-Clark** Cloth-like towels for heavy cleaning or polishing. 12" x 15" white cloths. Ideal for cleaning jobs. 56 sheets/pkg.

Stk.	Mfr.	Qty.	Price
<b>482779</b>	05701	18 pkg./case	<b>WEB</b>



#### Shop Towel Roll

**Scott** Shop towel roll is ideal for cleaning up the toughest grease, grime & solvents. Heavy-duty, disposable and reusable. Reinforced with synthetic innovative Hydroknit technology. 3 times stronger when wet.

Stk.	Mfr.	Qty.	Price
<b>943312</b>	32992	60 ct. roll	<b>WEB</b>



#### Mechanic's Shop Towels

**Clean Rite** 100% cotton shop towels for oil and grease spills or general cleanup. Red. 13" x 14".

Stk.	Mfr.	Qty.	Price
<b>943303</b>	3-542	25/pkg.	<b>WEB</b>



#### Cotton Shop Towels

**Adenna** These red, 100% cotton shop towels are ideal for removing dirt and grime from tools and parts or wiping up oil, grease and lubricants. They're extremely absorbent, extra soft, and clear coat safe. Hemmed for extra strength, toss them in the washer and dryer for using again. 14" x 14". 25 lb. box.

Stk.	Mfr.	Size	Price
<b>120183</b>	541-25	25 lbs.	<b>WEB</b>



#### TaskBrand® Premium Wipes

**Adenna** White, medium-duty hydrospun substrate wipes are durable and absorbent with a cloth-like feel. Low lint and solvent resistant. Use for automotive paint prep, solvent application, lubricants, glass & mirror cleaning, general hand wiping. White. 9" x 16-3/4".

Stk.	Mfr.	Qty.	Price
<b>120320</b>	P060IDW	125/pkg.	<b>WEB</b>



#### Exact Cuts Shop Towels

**Intex** Exact cut T-shirt rags for painting and staining. Each 14" x 16" cloth comes without seams, holes or ragged, stringy edges. Prewashed for super absorbency and low lint.

Stk.	Mfr.	Qty.	Price
<b>942903</b>	WV-30005	30	<b>WEB</b>



#### New White Unwashed Knit Wipers

**Adenna** These unwashed knit wipers are made from new white t-shirt mill-end material and have lower water absorbency. Fabric content can vary from cotton to cotton blends and jersey or smooth knit.

Stk.	Mfr.	Size	Price
<b>120180</b>	455-25	25 lbs.	<b>WEB</b>



#### Contractor's Choice Shop Towels

**Intex** Lint-free rags for painting, staining, polishing and cleaning. White washed and bleached all new cotton T-shirt rags are extra absorbent and soft.

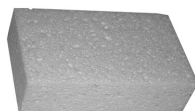
Stk.	Mfr.	Size	Price
<b>942901</b>	6414-10	8 lb.	<b>WEB</b>



#### Chamois

**Tanner** Durable, fast absorbing sheepskin chamois. Scratch-free drying and polishing without streaks or spots. 100% cod oil tanned for super absorbency.

Stk.	Mfr.	Size	Price
<b>942966</b>	TS20	2-1/2 sq./ft.	<b>WEB</b>



### Commercial Sponge

**3M** Extra-large, highly-absorbent cellulose sponge is durable and less likely to fall apart.

Stk.	Mfr.	Size	Price
<b>943246</b>	7456-T	7.5"L x 4.4"W x 2"H	<b>WEB</b>



### Scotch-Brite™ Scouring Pads

**3M** Non-rusting and resilient, this synthetic pad is an ideal replacement for steel wool or stainless steel scrubbers. Not recommended for use on polished or easily scratched surfaces.

Stk.	Mfr.	Size	Qty.	Price
<b>590275</b>	96	6" x 9"	20	<b>WEB</b>

## HAND CLEANERS



### Disinfecting Wipes

**Clorox** Disinfecting wipes that kill 99.9% of viruses and bacteria, including E. coli, Salmonella, SARS-CoV-2 (the virus that causes COVID-19), Staph, Strep, and more. Count on these powerful disinfecting wipes for daily classroom cleanup to keep your students safe. EPA-registered. Prevents bacteria growth for up to 24 hours.

Stk.	Mfr.	Size	Price
<b>943573</b>	01628	75 ct.	<b>WEB</b>



### Instant Hand Sanitizer

**Purell** Kills 99.9% of germs on hands, including Staphylococcus aureus, Escherichia coli and Staphylococcus epidermis. Fragrance-free, dye-free gel formulation.

Stk.	Mfr.	Size	Price
<b>968073</b>	9652-12	8 oz.	<b>WEB</b>



### Hand Sanitizer Pump Spray

**Blaster Chemical** Blaster Hand Sanitizer is an alcohol antiseptic 80% non-sterile, topical solution. It is recommended for use to help reduce bacteria that can potentially cause disease.

Stk.	Mfr.	Size	Price
<b>249000</b>	8-HS-SPRY	8.5 fl. oz.	<b>WEB</b>



### Lava Bar Soap

**Lava** The original pumice powdered heavy-duty hand cleaner. Cleans away grease, oil, tar, ink, paint, adhesives, caulk and lubricants.

Stk.	Mfr.	Size	Qty.	Price
<b>618719</b>	10085	5.75 oz.	1	<b>WEB</b>



### Go-Jo® Original Formula™ Hand Cleaner

**Go-Jo** Creme formula contains soothing emollients. Removes heavy grease, tar and oil. Rub, then wipe clean with towel or rinse off.

Stk.	Mfr.	Size	Type	Price
<b>968040</b>	1115-06	4.5 lb.	Plastic Cartridge	<b>WEB</b>



### Go-Jo® Natural Orange™ Smooth Hand Cleaner

**Go-Jo** Quick-acting lotion formula for cleaning industrial soils, medium dirt and grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
<b>968014</b>	0945-04	1 gal.	Bottle w/Pump	<b>WEB</b>
<b>968015</b>	0947-12	14 oz.	Squeeze Bottle w/Nail Brush	<b>WEB</b>



### Go-Jo® Natural Orange™ Pumice Hand Cleaner

**Go-Jo** Quick-acting lotion with pumice scrubbing particles clean industrial soils, medium dirt and grease. Orange scent.

Stk.	Mfr.	Size	Type	Price
<b>968017</b>	0955-02	1 gal.	Bottle w/Pump	<b>WEB</b>
<b>968018</b>	0957-12	14 oz.	Squeeze Bottle w/Nail Brush	<b>WEB</b>



### Go-Jo® Fine Italian Pumice Hand Cleaner

**Go-Jo** Creme formula fine pumice particles for extra cleaning action. Removes heavy grease, tar and oil.

Stk.	Mfr.	Size	Type	Price
<b>968045</b>	1135-06	4 lb.	Plastic Cartridge	<b>WEB</b>



### Go-Jo® Cherry Gel Pumice Hand Cleaner

**Go-Jo** Gel-style hand cleaner with pumice scrubbers and a cherry fragrance.

Stk.	Mfr.	Size	Price
<b>968052</b>	2356-04	1/2 gal. Bottle w/Pump	<b>WEB</b>

## DEGREASERS & STAIN REMOVERS



### Original Krud Kutter

**Krud Kutter** Cut grease, grime, oil, tar, wax and more. Spray to safely clean food stains, dried latex paint, paint overspray, tape residue, glue and adhesive, acid rain, bird droppings, smoke damage, tree sap, marker, crayon, brake dust, oxidation, scuff marks, blood stains, gum, soap scum, mildew stains. Recommended for pressure washers and carpet cleaning machines. Earth-friendly water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
<b>889350</b>	KK32	32 oz.	<b>WEB</b>
<b>889345</b>	KK01	1 Gal.	<b>WEB</b>



### All-Purpose Cleaner

**Simple Green** Ready-to-use cleaner is pre-diluted with water, but the formula is still strong enough for heavy cleaning and will clean bathtubs, stove-tops, floors, walls, engines and tools. Use on any indoor or outdoor washable surface. Non-toxic and biodegradable.

Stk.	Mfr.	Size	Price
<b>943363</b>	2710001213013	24 oz.	<b>WEB</b>





### Tough Task Citrus Remover

**Krud Kutter** Commercial-strength formula safely and easily removes chewing gum, dried latex paint, stickers, tape, glue, ink, crayon, shoe polish, tar, asphalt, oil, grease, lipstick, soap scum, mildew, cosmetics. Not for use on leather, wood or other varnished surfaces. Environmentally-friendly cleaner is nontoxic, nonabrasive, nonflammable and biodegradable.

Stk.	Mfr.	Size	Price
<b>889343</b>	KC32	32 oz.	<b>WEB</b>



### Goo Gone Spray Gel

**Homax** Trigger bottle application allows gel to cling to the surface for no-drip, no-mess cleaning. Since gel holds onto the stain, it cleans quickly and effectively removes chewing gum, laundry stains, crayon, wax and more.

Stk.	Mfr.	Size	Price
<b>943266</b>	GGHS12	12 oz.	<b>WEB</b>



### Tough Task Remover

**Krud Kutter** Safely removes chewing gum, masking tape, printer's ink, soap scum, scuff marks, food stains, crayons, grease, oil, stickers, ink, shoe polish, wax, most glues, lipstick, tar and more. Environmentally-friendly, water-based, nontoxic, nonabrasive, biodegradable cleaner.

Stk.	Mfr.	Size	Price
<b>889348</b>	KR01	1 Gal.	<b>WEB</b>



### Cleaner and Degreaser

**Super Clean** Pull the trigger and Super Clean goes to work, dissolving grease and removing grime, oil, wax, dirt and tar. Use it at full strength for super cleaning power. Dilute it for everyday messes. Industrial strength, yet biodegradable and phosphate-free.

Stk.	Mfr.	Size	Price
<b>943413</b>	101780	32 oz.	<b>WEB</b>
<b>943414</b>	101723	1 gal.	<b>WEB</b>

## ENGINE DRESSINGS & CLEANERS



### Belt Dressing & Conditioner

**Permatex** Extends belt life by penetrating V belt cord fibers to restore flexibility. Prevents slippage due to heat, cold, dampness, dust and glazing. Eliminates squeaking. Flammable contents.

Stk.	Mfr.	Size	Price
<b>504460</b>	120DA	12 oz.	<b>WEB</b>



### Pro Series Brake Parts Cleaner

**Gunk** High solvency and fast evaporation, cleaner instantly degreases conventional and disc brake assemblies. Dissolves and flushes away brake fluid, grease, oil and other contaminants without disassembly.

Stk.	Mfr.	Size	Price
<b>688160</b>	M720	19 oz.	<b>WEB</b>



### Non-Chlorinated Brake Parts Cleaner

**Gunk** Quickly removes brake fluid, dust build up and oil from brake parts and C.V. joint assemblies. Can be used without disassembling the brake unit. Dries completely and leaves no residue. 50-State compliant.

Stk.	Mfr.	Size	Price
<b>688149</b>	M709	14 oz.	<b>WEB</b>



### Non-Chlorinated, Low VOC Carb-Medic Cleaner

**Gunk** California compliant, low VOC carb, valve and choke cleaner. Powerful blend of solvents quickly remove dirt, varnish, gum, carbon deposits, and sludge from carburetor and combustion chamber of gasoline engines.

Stk.	Mfr.	Size	Price
<b>688178</b>	M4815NC	12.5 oz.	<b>WEB</b>



### Fuel Injector Cleaner

**MAG I** MAG I Super Concentrated features FMX® Technology that provides unsurpassed protection and performance. Specially blended formula helps prevent build-up of performance-reducing deposits from fuel injectors and carburetors, and aids in removing water from gas tanks.

Stk.	Mfr.	Size	Price
<b>943457</b>	00147	12 oz.	<b>WEB</b>



### Carburetor & Parts Cleaner

**Gunk** Earth-friendly solvent thoroughly cleans engine metal parts. It also removes soil and grime deposits, plus paint and varnish.

**Includes** dip basket.

Stk.	Mfr.	Size	Price
<b>688110</b>	CC3K	96 oz.	<b>WEB</b>



### Thrust® Quick Starting Fluid

**Gunk** High-temperature fluid starts gasoline and diesel engines. For cars, trucks, tractors and other motorized equipment.

Stk.	Mfr.	Size	Price
<b>688175</b>	M3815	11 oz.	<b>WEB</b>



### Foamy Engine Brite Degreaser

**Gunk** Foaming degreaser removes heavy grease, dirt and grime from most engines. Fast acting and highly effective.

Stk.	Mfr.	Size	Price
<b>942894</b>	FEB1	17 oz.	<b>WEB</b>



### Engine Brite Degreaser

**Gunk** Aerosol engine degreaser for gas or diesel engines, farm and construction equipment, bicycles and industrial machinery. Spray on, hose off.

Stk.	Mfr.	Size	Price
<b>942979</b>	EBI	15 oz.	<b>WEB</b>

## GASKET SEALANT



### Form-a-Gasket® No. 1 Sealant

**Permatex** Fast-drying, hard-setting sealant for sealing rigid materials and flanges, or patching holes and joints for permanent assembly. Use for spark plugs, threaded connections and manifold gaskets. Resists common shop fluids and fuels. Works from -65°F to 400°F.

Stk.	Mfr.	Size	Price
<b>504495</b>	80008	3 oz.	<b>WEB</b>



### Form-a-Gasket® No. 2 Sealant

**Permatex** Slow-drying, non-hardening sealant for sealing cut gaskets and stamped parts. Allows for easy disassembly. Use for sealing, not adhesion. Resists common shop fluids and fuels. Works from -65°F to 400°F.

Stk.	Mfr.	Size	Price
<b>504496</b>	80016	3 oz.	<b>WEB</b>



### Form-a-Gasket® Sensor-Safe Blue RTV Silicone Gasket Maker

**Permatex** Silicone gasket maker replaces almost any cut gasket. Makes reliable formed-in-place gaskets that withstand temps to 500°F and high pressures. Resists cracking, shrinking and migrating caused by thermal cycling. Coats pre-cut gaskets to increase reliability. Dries tough and flexible. First generation 1970-1980 gasket maker.

Stk.	Mfr.	Size	Price
<b>504375</b>	6BR	3 oz.	<b>WEB</b>



### Form-a-Gasket® No. 3 Aviation Sealant

**Permatex** Slow-drying, non-hardening brush-top sealant approved for use in aviation and auto applications. Use for close-fitting machined surfaces, sealing hoses, solid gaskets. Works from -65°F to 400°F. Resists gasoline, oil and grease.

Stk.	Mfr.	Size	Price
<b>504497</b>	80019	4 oz.	<b>WEB</b>



### High-Temp RTV Silicone Gasket Maker

**Permatex** Formulated for high temperature applications and heavy-duty use. Replaces almost any cut gasket. Makes reliable formed-in-place gaskets that resist cracking, shrinking and migrating caused by thermal cycling. Coats pre-cut gaskets to increase reliability. Temperature range -75°F to 650°F intermittent. First generation 1970-1980 gasket maker.

Stk.	Mfr.	Size	Price
<b>504405</b>	26BR	3 oz.	<b>WEB</b>



### Ultra Blue® Sensor-Safe RTV Silicone Gasket Maker

**Permatex** Designed to meet today's technology changes. Sensor safe, low odor, noncorrosive. Outstanding oil resistance and joint movement values. 8x more flexible than cork/composite gaskets, 3 times more oil resistant than conventional silicone. Temperature range -75°F to 500°F intermittent, resists auto and shop fluids and vibration.

Stk.	Mfr.	Size	Price
<b>504440</b>	77BR	3.35 oz.	<b>WEB</b>



### Gasket Remover

**CRC** Removes baked on fiber gaskets, gasket adhesives and sealants. Dissolves paints, lacquers, adhesives and varnish. Contains no methylene chloride.

Stk.	Mfr.	Size	Price
<b>532795</b>	03017	16 oz.	<b>WEB</b>

## ADHESIVES



### Auto Adhesive & Sealant

**Goop** Bonds to metal, glass, plastic, vinyl and leather. Useful for a wide variety of repair applications. Withstands heat up to 150°F.

Stk.	Mfr.	Size	Price
<b>375905</b>	160011	3.7 oz.	<b>WEB</b>



### E-6000® Series Industrial Strength Adhesive

**Goop** High performance strength in adhering metals, glass, rubber and plastics makes it a universal maintenance and repair adhesive. Provides adhesion strength and versatility not found in silicones and rubber cements. Self-leveling, flexible, chemical resistant, waterproof and paintable.

Stk.	Mfr.	Size	Price
<b>375920</b>	230022	3.7 oz.	<b>WEB</b>

## BATTERY CLEANERS



### Battery Cleaner

**Permatex** Penetrates and removes corrosion, dirt and grime instantly. Works in just 3 minutes. Cleans all types of storage batteries and attachments in emergency power supply systems.

Stk.	Mfr.	Size	Price
<b>504498</b>	80369	6 oz.	<b>WEB</b>



### Battery Protector & Sealer

**Permatex** Seals and coats battery terminals eliminating the formation of acid salt corrosion typically found when terminals are untreated. Prevents terminal corrosion and battery drain. Increases battery life and improves electrical flow.

Stk.	Mfr.	Size	Price
<b>504499</b>	80370	6 oz.	<b>WEB</b>

## LUBRICANTS



### Lith-Ease® White Lithium Grease Aerosol

**AGS** Aerosol white lithium grease is a long-lasting lubricant with excellent water and heat resistance. Protects against corrosion.

Stk.	Mfr.	Size	Price
<b>943152</b>	WL-16	10.25 oz.	<b>WEB</b>



### Anti-seize Lubricant

**Permatex** Prevents thread galling, corrosion and cold welding in heavy-duty applications at temperatures -65°F (-54°C) to 2,000°F (1,000°C). Assures easier disassembly. Will not wash out or throw off. Resists moisture, salt and corrosion.

Stk.	Mfr.	Size	Price
<b>504478</b>	I33AR	1 oz.	<b>WEB</b>
<b>504482</b>	I33K	1/2 pt.	<b>WEB</b>



### Liquid Wrench® Lubricant

**Gunk** Powerful blend of quick-acting, fast-penetrating solvent that loosens rusted nuts, bolts and parts in seconds. Protects all metal surfaces from rust and corrosion.

Stk.	Mfr.	Size	Price
<b>942951</b>	L2-04	4 oz. Drip	<b>WEB</b>
<b>942950</b>	L112	11 oz. Spray	<b>WEB</b>



### Water Resistant Silicone Lubricant Spray

**WD-40** Safely lubricates, waterproofs and protects metal and non-metal surfaces, including rubber, plastic and vinyl. Dries fast and leaves a clear, non-staining film. Effective temperature range from -100°F to 500°F. Ideal for cables, pulleys, guide rails, valves, linkages, hinges, locks and more.

**50-state VOC compliant.**

Stk.	Mfr.	Size	Price
<b>966031</b>	30001	11 oz.	<b>WEB</b>



### Specialist Rust Release Penetrant Spray

**WD-40** Penetrates to break the bonds that hold stuck parts together. Leaves a protective layer and helps prevent rust and corrosion from re-forming. The Blu Torch™ synthetic additive quickly goes to work on rusted nuts, bolts, threads, locks and chains. Safe to use on plastics, rubber and metal.

**50-state VOC compliant.**

Stk.	Mfr.	Size	Price
<b>966030</b>	300004	11 oz.	<b>WEB</b>



### Dielectric Silicone Compound

**AGS** Silicone/bulb grease locks out moisture and avoids corrosion. Seals and protects all electrical connections.

Stk.	Mfr.	Size	Price
<b>942632</b>	DS-2	.08 oz.	<b>WEB</b>



### 3-in-1 Oil

**WD-40** The multipurpose oil that does it all. It lubricates, cleans and prevents rust.

Stk.	Mfr.	Size	Price
<b>966001</b>	10038	8 oz.	<b>WEB</b>



### 3-in-1 Oil with Telescoping Spout

**WD-40** The multipurpose oil that does it all. It lubricates, cleans and prevents rust. 6"L spout easily fits into hard-to-reach places and delivers oil precisely where it's needed and nowhere else.

Stk.	Mfr.	Size	Price
<b>966020</b>	10070	4 oz.	<b>WEB</b>



### Liquid Wrench® Silicone Spray

**Gunk** Compatible with all metals, rubber, plastic and wood. High-viscosity formula eliminates squeaks and lubricates all kinds of mechanical and automotive equipment.

Stk.	Mfr.	Size	Price
<b>688140</b>	M914	11 oz.	<b>WEB</b>



### WD-40 Spray Lubricant

**WD-40** Multipurpose lubricant will stop squeaks, free rusted parts and sticky mechanisms, protect metals and displace moisture, lubricate and restore smooth operation to moving parts and serve as lathe center lubricant. Flip attached straw into place for direct applications (gal. requires Spray Applicator Bottle, sold separately). Silicone-free and clean to use.

Stk.	Mfr.	Item	Size	Price
<b>966013</b>	49002	Smart Straw Spray	8 oz.	<b>WEB</b>
<b>966014</b>	49005	Smart Straw Spray	12 oz.	<b>WEB</b>
<b>966009</b>	49009	Big Blast Aerosol	18 oz.	<b>WEB</b>
<b>966008</b>	49011	Gallon	1 gal.	<b>WEB</b>
<b>966003</b>	10000	Spray Applicator Bottle		<b>WEB</b>



### Extra Fine Graphite Lubricant

**AGS** Fine dry powdered lubricant for locks, hinges, tools, bicycles & more.

Stk.	Mfr.	Size	Price
<b>942897</b>	MZ-5	32 grams	<b>WEB</b>



### Advanced Dry Lube Spray with Teflon™

**Blaster Chemical** Blaster Dry Lube is aerosol formulated with Teflon™ Fluoropolymer, which helps reduce friction and wear, protect surfaces and enhance performance. Use it on locks and catches, hinges, cables, window and door tracks, rope and conveyor belts.

Stk.	Mfr.	Size	Price
<b>943499</b>	I6-TDL	9.3 oz. Aerosol	<b>WEB</b>

### PB B'laster Penetrant and Lubricant



**Blaster Chemical** Penetrant quickly busts loose rusted or frozen parts caused by rust and corrosion. It also contains a non-evaporating lubricant that saves time and equipment and protects against further rust and corrosion.

Stk.	Mfr.	Size	Price
<b>943509</b>	16-PB-DS	11 oz. Aerosol	<b>WEB</b>

### Multi Purpose Spray Lubricant



**3M** Specialized aerosol formula provides the characteristics of lubricating oil, penetrating oil, demulsifying coating and thin-bodied transparent rust preventative coating.

Stk.	Mfr.	Size	Price
<b>590253</b>	08898	10.5 oz.	<b>WEB</b>

### Multi-Vehicle Wheel Bearing Grease



**Valvoline** This wheel bearing grease is a superior general grease that's fortified with molybdenum disulfide. It provides excellent extreme-pressure and anti-wear protection. Use at 0-375°F on disc-brake wheel bearings, chassis, suspension and universal joints.

Stk.	Mfr.	Size	Price
<b>943515</b>	VV632	16 oz.	<b>WEB</b>

### White Lithium Grease



**AGS** All-weather, high-film strength grease guards against rust in all temperatures.

Stk.	Mfr.	Size	Price
<b>942660</b>	WV-L-15	16 oz.	<b>WEB</b>

## THREADLOCKERS

### Medium Strength Threadlocker Blue



**Permatex** Eliminates the need for stocking lock nuts and lock washers. Locks and seals while preventing parts loosening due to vibration. Protects threads from corrosion. Medium strength (60 ft. lbs.) for easy disassembly.

Stk.	Mfr.	Size	Price
<b>504550</b>	24240	36 ml	<b>WEB</b>

### High Strength Threadlocker Red



**Permatex** High-strength adhesive adds 3,400 psi of holding power on newer slip or press fit assemblies. Replaces set screws and snap rings. Requires extra effort or special tools for removal. Fills gaps to .007".

Stk.	Mfr.	Size	Price
<b>504529</b>	27100	6 ml. tube	<b>WEB</b>
<b>504556</b>	27140	36 ml. bottle	<b>WEB</b>

### Multi-Purpose Blue Threadlocker



**Devcon** Temperature and chemical-resistant locking compound keeps nuts and bolts from coming loose wherever vibration is a problem.

Stk.	Mfr.	Size	Price
<b>943268</b>	24345	6 ml.	<b>WEB</b>

## FLUIDS

### Pennzoil 10W-30 Motor Oil



**Pennzoil** Traditional oil base, with Active Cleansing Agents™ to continuously prevent dirt and contaminants from becoming deposits.

Stk.	Mfr.	Size	Price
<b>943473</b>	550035052	1 qt.	<b>WEB</b>

### Heavy-duty Brake Fluid



**Gunk** Heavy-duty brake fluid for US and foreign cars and trucks. Meets and complies with DOT 3 Federal Standard No. 116, Exceeds Federal VV-B680 and SAE J1703 specifications.

Stk.	Mfr.	Size	Price
<b>943051</b>	M4432	32 oz.	<b>WEB</b>
<b>943052</b>	M4434	1 gal.	<b>WEB</b>

### Power Steering Fluid & Stop Leak



**STP** Formulated to stop or reduce loss of fluid caused by leaky seals due to wear or shrinkage.

Stk.	Mfr.	Size	Price
<b>943039</b>	18666	12 oz.	<b>WEB</b>

## RUST REMOVERS & COATINGS

### Naval Jelly



**Loctite** Chemically removes rust from all iron and steel surfaces. Brush-on, wash off.

Stk.	Mfr.	Size	Price
<b>504290</b>	01-80277	Pint	<b>WEB</b>

### Rust Remover



**Krud Kutter** Water-based formula penetrates metal to dissolve rust and oxidation through chemical action. Rust-inhibiting crystals bond with metal surface to resist future rusting. Dry surface may be painted, welded, plated, lubricated or left bare. Spray, brush or dip on rusted or new metal, galvanized metal, aluminum, stainless steel, cast iron, chrome, brass, concrete, brick, stucco, stone, marble, porcelain, fiberglass, ceramic, glass, rubber, plastic.

Stk.	Mfr.	Size	Price
<b>889360</b>	MR32	32 oz. spray	<b>WEB</b>





### Brasso Metal Polish, 8 oz.

**Brasso** Easy to use and makes your hard-to-clean metals look brand new again. Works for brass, copper, chrome, bronze, stainless steel, pewter, or aluminum.

Stk.	Mfr.	Size	Price
<b>943511</b>	2660089334	8 oz.	<b>WEB</b>



### Specialist Rust Release Penetrant Spray

**WD-40** Penetrates to break the bonds that hold stuck parts together. Leaves a protective layer and helps prevent rust and corrosion from re-forming. The Blu Torch™ synthetic additive quickly goes to work on rusted nuts, bolts, threads, locks and chains. Safe to use on plastics, rubber and metal.

**50-state VOC compliant.**

Stk.	Mfr.	Size	Price
<b>966030</b>	300004	11 oz.	<b>WEB</b>



### Bondo® Rubberized Undercoating

**3M** Produces a black textured finish which resists abrasion, rusting and weathering. Provides one-coat build-up with no dripping or sagging. Ideal for automotive undercarriages and other uses such as posts, tree wounds, roofs and gutters. Dries in 4-6 hours.

Stk.	Mfr.	Size	Price
<b>590268</b>	737	18 oz.	<b>WEB</b>

## PARTS WASHERS



### 20 Gallon Parts Washer

**Shop Fox** Heavy-duty welded steel unit offers plenty of room for tough cleaning chores. Features a 0.7 amp self-contained motor that is capable of pumping 50 gallons of solvent per hour, a chromed steel gooseneck spigot and fitted steel lid with a fusible link that automatically drops in case of fire.

Interior tank 28" x 19" x 10-1/4".

Overall size 30" x 21" x 35".

Stk.	Mfr.	Volts	Fluid Capacity	Price
<b>786860</b>	W1760	110	10	<b>WEB</b>



### Industrial Cleaner and Degreaser

**Simple Green** A safer alternative to toxic cleaners, bleaches and solvents. Concentrated formula cleans, degreases and deodorizes without harsh chemicals. Non-toxic, non-abrasive, non-corrosive and safe for use on all washable surfaces. Use on counters, sinks, floors, equipment, engines, vehicles and more. Cuts through tough grease, oils, cutting fluids, built-up grime and residue on equipment.

Stk.	Mfr.	Size	Price
<b>943364</b>	2700000113006	5 gal.	<b>WEB</b>



### Krud Kutter Parts Washer Cleaner/Degreaser

**Krud Kutter** Safe alternative to hazardous cleaning chemicals such as mineral spirits and other solvents. Multi-purpose formula, with Prevent-X Corrosion Inhibitor™, is designed to be used in immersion, ultrasonic, manual and spray applications. Safely and effectively removes grease, grime, oils, carbon, ink and other organic deposits.

Stk.	Mfr.	Size	Price
<b>889330</b>	EC01	1 gal.	<b>WEB</b>



### Parts Cleaning Brush

**Weiler** Removes dirt and grease from motors, machinery and metal parts. Nylon bristles hold up under repeated use in cleaning solvents.

Stk.	Mfr.	Price
<b>969334</b>	25221	<b>WEB</b>

## SANDBLASTING



### Sandblaster Kit

**Performance Tool** Designed to remove rust, scale and paint as well as etch glass and finishing wood. Hose draws various types of abrasive from bucket or bag.

Trigger gun 8 CFM @ 90 PSI.

**Includes** air jet, 3 nozzles, 10' x 3/8" hose (1/4 NPT), pick-up tool and hex key.

Stk.	Mfr.	Price
<b>976490</b>	M570C	<b>WEB</b>



### Bench Top Side-Loading Sandblast Cabinet

**Shop Fox** Safely blast away paint and rust without making a mess around your shop. Side-loading compact design is perfect for those in search of space saving options. The hopper recycles and stores the sandblasting media for reuse or easy removal.

10 lb. sand capacity. 2 access doors 16"W.

Size 24-1/2"W x 21-1/8"H x 19-1/2"D. Weight 50 lbs.

**Includes** industrial-duty blast gun with ceramic tip, siphon hose, built-in light, large viewing window and sealed rubber gloves.

Stk.	Mfr.	Volts	Window	Air Requirements	Price
<b>785669</b>	M1114	110	9" x 10-3/4"	5-14 CFM @ 60-100 psi	<b>WEB</b>



### Sandblast Cabinet

**Cyclone** Floor-standing blasting cabinet provides solid steel (16 ga.) cabinet frame and sufficient room for a variety of parts. Full top opening lid requires very little effort to open, and is fully supported from rear to reduce user fatigue. Automatic air shut-off prevents blasting with open door. Welded-in glove rings provide

armrest to reduce operator fatigue. Hot air circulation helps keep abrasive dry for better performance.

Dust collector 1,500 DC, 90 cfm. 14 cfm @ 90-100 psi.

**Full Top and Side Opening** Size: inside 42"W x 24"D x 24"H, overall 43"W x 46"D x 60"H. Weight: 245 lbs.

Stk.	Mfr.	Volts	Window	Price
<b>316575</b>	4224	110	9" x 20"	<b>WEB</b>

### Aluminum Oxide Abrasives

**Cyclone** A tough, aggressive abrasive used for fast removal of heavy-oxidation burrs, etc. Excellent for preparing surfaces to be coated. 12/20 mesh. 50 lbs.

Stk.	Mfr.	Grit	Price
<b>316626</b>	5021	60	<b>WEB</b>
<b>316627</b>	5022	120	<b>WEB</b>
<b>316628</b>	5039	150	<b>WEB</b>
<b>316629</b>	5024	220	<b>WEB</b>



### Glass Beads

**Cyclone** Surfaces are cleaned, deburred, decorated and "cold-worked" without etching or removal of basic surface material and without imparting ferrous or other undesirable residues. Beads are environmentally safe and cause no toxic or erosive hazards.

Stk.	Mfr.	Description	Size	Price
<b>316630</b>	5009	Coarse	50 lb.	<b>WEB</b>
<b>316631</b>	5002	Medium	50 lb.	<b>WEB</b>
<b>316632</b>	5010	Fine	50 lb.	<b>WEB</b>
<b>316633</b>	5011	Extra-Fine	50 lb.	<b>WEB</b>



### Sandblast Cabinet Gloves

**Cyclone** Unlined, direct replacement gloves for Cyclone abrasive sandblasting cabinets. Made of natural rubber. 24"L.

Stk.	Mfr.	Price
<b>316625</b>	2023	<b>WEB</b>

## PRESSURE WASHERS



### Electric Pressure Washer

**AR North America** The Model 383SS generates an astounding 1,900 PSI, up to 30x as much pressure as a typical garden hose while reducing water consumption by over 80%. It's much quieter, lighter, and easier to use than a standard gasoline pressure washer and is certified by CSA International. Ideal for medium to sizable residential use medium to sizable cleaning projects with outstanding results.

15"W x 14"D x 32"H. Weight 32 lbs.

**Includes** nozzle cleaning wire, high pressure hose, Spray gun, rotary nozzle, quick connect nozzles (0°, 25°, soap), lance and garden hose adapter.

Stk.	Mfr.	Price
<b>943472</b>	AR383SS	<b>WEB</b>

## AIR COMPRESSORS



### Portable Air Tank

**Performance Tool** Light weight and portable, with handle for easy transport. Safety pressure bypass valve with manual override, on/off air adjustment dial. Industrial grade air hose with standard tire air chuck. Hi-viz color.

Max PSI 125. Capacity 11 Gallons.

Stk.	Mfr.	Price
<b>952000</b>	W10011	<b>WEB</b>



### 1 Gallon Compact Oil-Free Electric Air Compressor

**Makita** Complete roll-cage construction for protection with lightweight design for portability. Runs at 1,750 RPM for longer motor and pump life. Efficient induction motor provides .7 CFM at 90 PSI and max tank pressure of 135 PSI. At a quiet 58

dBA, it's ideal for indoor use and the low AMP draw means fewer tripped breakers at start-up.

Air delivery (scfm) 1.2 @ 40 psi and 0.7 @ 90 psi.

Size 12-7/8"L x 14-1/2"W x 11-1/8"H. Weight: 27.6 lbs.

**Includes** 1/4" universal quick coupler, male.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>511384</b>	MAC100Q	120	1/2	135 psi	1 gal.	<b>WEB</b>



### Flexvolt® Cordless Air Compressor

**DEWALT** The 60V MAX air compressor offers the convenience and portability of cordless, while using the pneumatic tools you already have. Each battery charge allows up to 1,220 nails using one DCB606 battery and a DWFP12233 brad nailer. Max. initial battery voltage (measured without a workload) is 20 and 60V.

Air delivery (scfm) 1.5 @ 40 psi and 1.2 @ 90 psi.

Size 14"L x 12.5"W x 15.5"H. Weight 21.5 lbs.

**Includes** Li-Ion battery and fast charger.

Stk.	Mfr.	Volts	Max. Pressure	Tank Capacity	Price
<b>242925</b>	DCC2560TI	60	135 psi	2.5 gal.	<b>WEB</b>



### 1.5 Gal. Oil-Free Fully Shrouded Air Compressor

**PORTER+CABLE** The fully enclosed design provides protection from hot or moving parts. The 150 psi max tank pressure stores more air in the tank for longer runtime and the durable oil-free pump allows for long life and no maintenance. The motor starts easily in cold weather

or with an extension cord and runs quieter for a more acceptable work environment.

Air delivery (scfm) 3.0 @ 40 psi/ 2.0 @ 90 psi. Weight 20 lbs.

**Includes** 25' nylon coil hose, 2 tapered nozzles, inflation needle, 1/4" tire chuck, hose adapter, high flow inflator/deflator kit and PTFE tape.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>636778</b>	CMB15	120	.8	150 psi	1.5 gal.	<b>WEB</b>



### Heavy Duty Trim Compressor

**DEWALT** Compact, portable and can be operated/stored in either the vertical or horizontal position. Roll cage design creates a convenient and comfortable handle for transportation, storage, and protection. Durable, oil-free pump provides maintenance-free operation.

Air delivery (scfm) 4.0 @ 40 psi and 3.0 @ 90 psi.

Size 20.5"L x 16.75"W x 12.5"H. Weight 36 lbs.

**Includes** 2 universal couplers.

**Air hoses sold separately.**

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>243425</b>	DWFP55130	120	1.1	200 psi	2.5 gal.	<b>WEB</b>



### 0.8 HP Air Compressor

**PORTER+CABLE** Low amp 120V motor starts easily in cold weather or with extension cord. 6 gallon pancake-style tank for stability, water drain valve and rubber feet. Hi-flo regulator, oil-free, no maintenance pump and 2 regulated air couplers for 2 users.

Air delivery (scfm) 3.5 @ 40 psi and 2.6 @ 90 psi. Weight 30 lbs.

**Includes** 25' x 1/4" PVC air hose with coupler and plug, tire chuck with plug, blow gun with plug, tire gauge, blow gun with safety nozzle, rubber tip and 3 inflator adapters.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>636776</b>	C2002-WK	120	.8	150 psi	6 gal.	<b>WEB</b>



### 1 HP Air Compressor

**Senco** 4 Amp compressor with a direct-drive induction motor for finish and trim work, plus crafts. Ultra-quiet, electric operation and lube-free. Easy-read tank and pressure gauges. Lightweight aluminum tank and soft-grip handle.

Air delivery (scfm) 0.7 @ 90 psi.

Size 11-1/2"L x 14"W x 12-1/4"H. Weight 21 lbs.

**Includes** regulator, pressure gauges, 1/4" universal coupler and air filter.

**Air hoses sold separately.**

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>291536</b>	PC1010	110	1	125 psi	1 gal.	<b>WEB</b>



### 2 HP Electric Air Compressor

**Senco** SENCO's PC1131 workhorse compressor generates 4.4 CFM which provides power for all types of applications, from finish to framing. The oil splash design and induction motor provides the durability expected for professional contractors. Cast iron cylinder for

superior pump life, compact twin stack tank design and heavy duty induction motor.

Air delivery (scfm) 4.4 @ 90 psi.

Size 20"L x 14.5"W x 16.5"H. Weight 60 lbs.

**Air hoses sold separately.**

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>291538</b>	PC1131	115	2	125 psi	4.3 gal.	<b>WEB</b>



### 1.1 HP Dolly-Style Air Compressor

**DEWALT** 4.0 CFM delivered at 90 PSI pump provides rapid recovery. Run multiple tools from dual universal quick couplers. Dual soft start valves assist in cold weather start-up. Ball valve drain allows for quick and thorough tank draining. Oil lubricated pump improves durability, cast iron cylinder enhances pump life. 10" pneumatic wheel and handle kit for ease of mobility.

Air delivery (scfm) 4.6 @ 40 psi and 3.8 @ 100 psi. Weight 95 lbs.

**Includes** compressor oil and 2 universal quick couplers.

**Air hoses sold separately.**

Stk.	Mfr.	Volts	Max. Pressure	Tank Capacity	Price
<b>242869</b>	D55154	120	125 psi	4 gal.	<b>WEB</b>



### 4 HP Single-stage Cast Iron Air Compressor

**Campbell Hausfeld** With a dual-voltage motor that can operate on either 120V or 240V current, this versatile air compressor can work in more locations. The large semi-pneumatic wheels make this unit easy to move from one job to the next. The heavy-duty, cast-iron, 2-cylinder pump is oil lubricated for a long life.

Air delivery (scfm) 6.5 @ 40 psi and 5.5 @ 90 psi. Weight 148 lbs.

**Air hoses sold separately.**

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>291206</b>	VT6290	120/240	2	135 psi	20 gal.	<b>WEB</b>



### 1.3 HP 20 Gallon Air Compressor

**Campbell Hausfeld** The compressor comes with an induction motor, designed for long product life. Its oil free design makes this air compressor low maintenance. The steel handle and large wheels are ideal for garage or shop portability. Optimally placed, easy-to-read panel for complete control of air manipulation.

Air delivery (scfm) 4 @ 90 psi. Weight 97 lbs.

**Air hose sold separately.**

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>291080</b>	DC200000	120	1.3	150	20	<b>WEB</b>



### 1.9 HP 30-Gallon Single-Stage Air Compressor

**DEWALT** A low-maintenance choice for anyone who needs a portable option. Engineered with oil-free, direct-drive operation, there are no belts to tighten or change and the need to add, change or dispose of oil is eliminated. It features a patented pump design with a 2-piece cooling system that increases cooling efficiencies, lowers operating temperatures and extends the life of the pump.

Air delivery SCFM 6 @ 90 PSI. Size 46.7"H x 21.8"W. Weight 130 lbs.

**Air hoses sold separately.**

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>291161</b>	DXCMLA1983012	120	1.9	155 psi	30 gal.	<b>WEB</b>



### 8 Gal. Oil-Free Quiet Air Compressor

**Campbell Hausfeld** Designed to be among the quietest air compressors in the industry. At only 68 dBA, it can be used virtually anywhere. The oil-free, maintenance-free pump is designed to last longer than conventional oil-free models. One-piece shroud protects users from hot and moving parts.

Air delivery (scfm) 3.5 @ 40 psi & 2.4 @ 90 psi.

Size 33.85"L x 13.39"W x 22.83"H. Weight 66.46 lbs.

**Air hoses sold separately.**

Stk.	Mfr.	Volts	Max. Pressure	Tank Capacity	Price
<b>291079</b>	DC080500	120	125 psi	8 gal.	<b>WEB</b>



### 5 HP Air Compressor

**Campbell Hausfeld** Eighty gallon, 5 HP, vertical, 2-stage air compressor is ideal for a small shop, automotive enthusiast or serious DIY user. The commercial-duty, oil-lubricated, cast-iron pump is designed for up to 12,000 hours of extended life. Fully enclosed metal belt guard for safer operation.

230V. Air delivery CFM 13.7 @ 175 PSI.

Size 35"L x 27"W x 71"H. Weight 429 lbs.

**Air hoses sold separately.**

Stk.	Mfr.	HP	Phase	Max. Pressure	Tank Capacity	Price
<b>291122</b>	CE3000	5	1	175 psi	80 gal.	<b>WEB</b>





## 2-Stage Air Compressor

**Campbell Hausfeld** The compressor features an oil-lubricated, 2-stage pump to increase longevity while reducing noise. Designed to tackle a wide variety of jobs, from small projects and upholstery to heavy duty nailing. The fully enclosed metal belt guard offers protection from the air compressor's moving parts. Large semi-pneumatic wheels make this unit easy to move.

**Air hoses sold separately.**

### 120/240V, 4.1 SCFM @ 90 PSI, 3.9 SCFM @ 175 PSI

Stk.	Mfr.	HP	Max. Pressure	Tank Capacity	Price
<b>291165</b>	XC302100	2	175 psi	30	<b>WEB</b>

### 230V, 11.9 SCFM @ 90 PSI, 11.3 SCFM @ 175 PSI

Stk.	Mfr.	HP	Max. Pressure	Tank Capacity	Price
<b>291167</b>	XC802100	5	175 psi	80	<b>WEB</b>

### 230V, 7.6 SCFM @ 90 PSI, 6.9 SCFM @ 175 PSI

Stk.	Mfr.	HP	Max. Pressure	Tank Capacity	Price
<b>291166</b>	XC602100	3.7	175 psi	60	<b>WEB</b>



## 3.7 HP Single-Stage Cast Iron Air Compressor

**Campbell Hausfeld** High air flow to power air tools for grinding, sanding or painting. The heavy-duty, cast-iron, 2-cylinder pump is oil lubricated for a long life. ASME-certified tank is a vertical design for space saving. Fully enclosed metal belt guard for safe operation. Commercial width base improves belt contact and belt life.

Air delivery (scfm) 11.5 @ 40 psi and 10.2 @ 90 psi.  
Weight 246 lbs.

**Air hoses sold separately.**

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>291201</b>	VT6195	230	3.7	135 psi	60 gal.	<b>WEB</b>



## Vertical Air Compressor

**DEWALT** Compressor features a cast iron, twin-cylinder, oil-lubricated pump. One-piece cast iron crankcase, thermally stable cast iron cylinder body, aluminum head and valve plate, automotive style ball bearings, durable stainless steel reed valves, oil level sight glass, easily accessible oil fill and a 12" cast iron balanced flywheel. The unit operates with a heavy-duty, induction motor for maximum performance and efficiency.

**Air hose sold separately.**

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>291162</b>	DXCMLA3706056	240	1.9	155 psi	60	<b>WEB</b>
<b>291163</b>	DXCMLA4708065	240	4.7	155 psi	80	<b>WEB</b>



## Air Tool Oil

**Milton** Extends life and performance of air tools, lubricators, valves and cylinders. Prevents seizure of air tools and pneumatic equipment. Recommended for tools requiring 10 weight non-detergent lubricant. 5°F to 350°F working temperature.

Stk.	Mfr.	Size	Price
<b>968495</b>	1001-4	4 oz.	<b>WEB</b>



## Pneumatic Air Tool Oil

**Campbell Hausfeld** Use with oil-lubricated air tools to maximize tool performance and long tool life.

Stk.	Mfr.	Size	Price
<b>291135</b>	ST1270	8 oz.	<b>WEB</b>



## Air Compressor Oil

**Master Mechanic** Non-detergent, all-weather blend, prevents oil breakdown with additives that inhibit premature wear, formulated to reduce the friction and wear in compressor pumps. Not for use in gas engines.

Stk.	Mfr.	Size	Price
<b>943477</b>	018-0060TV	Qt.	<b>WEB</b>



## Pressure Gauge

**Milton** High-quality gauge for compressors, filters, regulators, lubricators, air lines, pneumatic tools & equipment. Brass mechanism w/ABS case & 2" polycarbonate lens is resistant to heat, corrosion, water & oil. Bottom mount. Temperature range -13°F to 120°F. 1/4" NPT. 0-160 psi.

Stk.	Mfr.	Price
<b>968510</b>	1194	<b>WEB</b>



## CleanAir Centrifugal Filter-Regulator Unit

**DeVilbiss** Air filter w/regulator eliminates moisture from air supply. Filters out dirt particles up to 5 microns. Drains automatically. Made in USA.

Regulated Pressure Range: 0 - 125 psi.

**Includes** air filter w/automatic drain, regulator, 2 gauges & 2 ball valves.

Stk.	Mfr.	Price
<b>241020</b>	HFRL-508	<b>WEB</b>

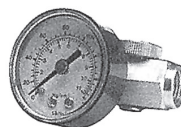


## 2-in-1 Standard Series Regulator & Filter

**Campbell Hausfeld** Space-saver unit combines filter and regulator. Large capacity metal bowl for use with high pressure air compressors.

3/8" NPT female outlet. 25 scfm @ 90 psi. 0-150 psi.

Stk.	Mfr.	Price
<b>291145</b>	PA212503AV	<b>WEB</b>



## Regulator

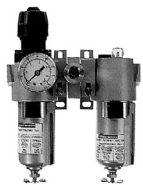
**Campbell Hausfeld** Easily attaches to any air tool for quick regulation.

0-160 psi

**Includes** 1/4" NPT female outlet & 1/4" NPT female outlets.

Stk.	Mfr.	Price
<b>291155</b>	MP1042	<b>WEB</b>





### Filter/Regulator/Lubricator

**Campbell Hausfeld** Integrated system filters, regulates & lubricates air from stationary single or 2-stage air compressors. Eliminates water & other contaminants to increase air tool life & improve spray painting results. Special painting outlet attaches to a separate air hose to bypass the lubricator when painting. Automatic oil lubrication helps protect air tools from rust & friction.

48 scfm @ 100 psi. 5 micron filter element.

0-200 psi input, 0-125 psi output.

**Includes** brass quick coupler & mounting bracket.

### Filter/Regulator/Lubricator

Stk.	Mfr.	Price
<b>291138</b>	PA2078	<b>WEB</b>

**Air Filter** Increase tool life by reducing rust & improve your paint job by reducing water & particles in the paint. Max. input pressure is 100 psi. 35 scfm @ 100 psi.

Stk.	Mfr.	Price
<b>291151</b>	PA2121	<b>WEB</b>

**Pressure Regulator** Adjusts & maintains air from stationary single-stage or 2-stage air compressor. 0-300 psi input, 0-125 psi output. 80 scfm @ 100 psi.

Stk.	Mfr.	Price
<b>291153</b>	PA2123	<b>WEB</b>



### Desiccant Dryer

**Campbell Hausfeld** Desiccant dryer provides extremely dry air for applications requiring complete removal of water and water vapors. Desiccant changes color when it needs to be changed or recharged. Outlet screen keeps particles out of tools. Oil removal filter removes 99.9% of all aerosols. Clear bowl with metal

guards for easy viewing of fluid level and impact protection. Quick release bowl and quarter turn drain for easy maintenance.

0-125 psi.

Stk.	Mfr.	Price
<b>291142</b>	PA208503AV	<b>WEB</b>



### Safety Button Blo-Gun

**Milton** 11.4 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 5/16" - 24.

Stk.	Mfr.	Price
<b>968268</b>	107	<b>WEB</b>



### Full Flow Safety Lever Blo-Gun

**Milton** Precision made instrument with hundreds of automotive and industrial uses.

10.0 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 1/2" - 27.

Stk.	Mfr.	Price
<b>968335</b>	150	<b>WEB</b>



### Safety Blo-Guns

**Milton** Internal design allows maximum discharge of 30 psi while maintaining required

noise level and nozzle pressure with inlet pressure of 150 psi. Extensions have a special angle for cleaning out deep blind holes and have convenient use on long reach applications. 1/2" OD heavy-duty brass tubing extension.

4.5 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 7/16" - 27.

Stk.	Mfr.	Size	Price
<b>968293</b>	133	10" Extension	<b>WEB</b>
<b>968294</b>	134	15" Extension	<b>WEB</b>



### Safety Lever Blo-Gun

**Milton** Heavy-duty construction with extra large side hang-up hook. Maximum inlet pressure is 150 psi. 30 max. psi. nozzle pressure.

10.6 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 1/8" - 27.

Stk.	Mfr.	Price
<b>968280</b>	120	<b>WEB</b>



### Compact Safety Lever Blo-Gun

**Milton** Compact, versatile blo-gun w/safety nozzle & rubber-tip nozzle. Hang-up hook for easy storage. Zinc die-cast body. OSHA compliant with safety tip only. 150 psi.

11.7 scfm @ 100 psi (safety tip), 12.9 scfm @ 100 psi (rubber tip). 1/4" NPT female inlet. Nozzle thread 1/8" - 27.

Stk.	Mfr.	Price
<b>968330</b>	S-148	<b>WEB</b>



### Straight Lever Blo-Gun

**Milton** For use where a leak-proof connection is required when blowing out fluid lines.

O-ring seal provides tight connection to prevent marring delicate finishes.

11.4 scfm @ 100 psi. 1/4" NPT female inlet. 150 max. psi.

Stk.	Mfr.	Price
<b>968332</b>	S-153	<b>WEB</b>



### Bent Lever Blo-Gun

**Milton** For use where a leak-proof connection is required when blowing out fluid lines.

O-ring seal provides tight connection to prevent marring delicate finishes.

11.4 scfm @ 100 psi. 1/4" NPT female inlet. 150 max. psi.

Stk.	Mfr.	Price
<b>968333</b>	S-154	<b>WEB</b>



### Pistol Grip Blo-Gun

**Milton** Positive control, easy-to-use gun. Precision-made gun w/automotive & industrial uses. Max. 175 psi.

10.0 cfm @ 100 psi. 1/4" NPT female inlet. Nozzle thread 1/8" - 27.

Stk.	Mfr.	Price
<b>968337</b>	S-160	<b>WEB</b>



### Pistol Grip Blow Gun

**Milton** This blow gun has a 4.5" extended non-marring rubber tip nozzle and molded grip for comfortable handling. Built-in loop for hanging.

16.5 scfm @ 90 psi. 1/4" NPT brass female inlet.

Stk.	Mfr.	Price
<b>968344</b>	S-164	<b>WEB</b>



### Red Deluxe Air Hoses

**Milton** 2 braid, 4 spiral, heavy-duty construction. Air hoses with 250 psi.

#### 1/4" male NPT

Stk.	Mfr.	Size	Price
<b>968480</b>	1630	1/4" x 25'	<b>WEB</b>
<b>968481</b>	1631	1/4" x 50'	<b>WEB</b>
<b>968484</b>	1634	3/8" x 25'	<b>WEB</b>
<b>968485</b>	1635	3/8" x 50'	<b>WEB</b>

#### 3/8" male NPT

Stk.	Mfr.	Size	Price
<b>968482</b>	1632	3/8" x 25'	<b>WEB</b>
<b>968483</b>	1633	3/8" x 50'	<b>WEB</b>



### Blue PVC Air Hoses

**Milton** Lighter in weight than standard air hoses. Can be used with compressed air, water and mild chemicals. Hose is oil and gasoline resistant. Air hoses w/250 psi.

#### 1/4" male NPT

Stk.	Mfr.	Size	Price
<b>968539</b>	1642	3/8" x 25'	<b>WEB</b>
<b>968540</b>	1643	3/8" x 50'	<b>WEB</b>

#### 3/8" male NPT

Stk.	Mfr.	Size	Price
<b>968541</b>	1644	3/8" x 25'	<b>WEB</b>
<b>968542</b>	1645	3/8" x 50'	<b>WEB</b>



### Nylon Swivel End Recoil Air Hoses

**Milton** Yellow hoses have spring guards and reusable fittings. Resists oil, grease, corrosion and abrasion. Full swivel fitting on both ends. Use with all air-operated equipment. Air hoses with 200 psi.

#### 1/4" male NPT

Stk.	Mfr.	Size	Price
<b>968543</b>	1667	1/4" x 12'	<b>WEB</b>
<b>968544</b>	1669	1/4" x 25'	<b>WEB</b>
<b>968545</b>	1670	1/4" x 50'	<b>WEB</b>

#### 3/8" male NPT

Stk.	Mfr.	Size	Price
<b>968555</b>	1675	3/8" x 50'	<b>WEB</b>



### Polyurethane Swivel End Recoil Air Hose

**Milton** Yellow hoses w/18" straight hose whip. Resists oil, grease, corrosion & abrasion. Kink resistant & super flexible. For pneumatic tools. Swivel fittings on both ends. -40°F to 100°F temperature rating. Air hoses w/120 psi. 1/4" male NPT both ends.

Stk.	Mfr.	Size	Price
<b>968547</b>	1671-20	1/4" x 20'	<b>WEB</b>
<b>968548</b>	1671-30	1/4" x 30'	<b>WEB</b>



### Hybrid Hose & Reel

**Performance Tool** Retractable reel with fully enclosed case. Automatic roller guide ensures smooth and even recoil. Extremely flexible blend of rubber and PVC with bend restrictors at each end. 1/4" NPT brass male fittings. Max. working pressure 300 PSI, burst pressure 600 PSI.

Stk.	Mfr.	Size	Price
<b>950950</b>	M613	3/8" x 50'	<b>WEB</b>



### Retractable Hose Reel

**Master Mechanic** Lightweight and compact hose reel has strong plastic housing for durability, auto rewind reel, ratchet locks hose at desired length, polymer hose resists kinks. Wall and ceiling mount bracket swivels 180°, 300 Max PSI.

Stk.	Mfr.	Size	Price
<b>943470</b>	27827153	3/8" x 50'	<b>WEB</b>



### Premium Duty Spring Retractable Hose Reel

**Reelcraft** Durable and compact for a wide range of applications w/critical space requirements. A full-flow shaft and swivel assures maximum product delivery. The standard low pressure hose is for air or water service only. Low pressure hose reels furnished standard with PVC hose. All steel construction. Guide arm adjusts to 2 positions. Max. temp. 150°. 300 psi with 1/4" male NPTF outlet and 3/8" female NPTF inlet.

Stk.	Mfr.	Size	Price
<b>688400</b>	4425-OLP	1/4" x 25'	<b>WEB</b>
<b>688402</b>	5450-OLP	1/4" x 50'	<b>WEB</b>
<b>688404</b>	5650-OLP	3/8" x 50'	<b>WEB</b>



### Medium Duty Spring Retractable Hose Reel

**Reelcraft** Economical choice for a medium duty, light weight, spring retractable hose reel for applications that are less demanding but can withstand industrial and commercial use. The standard low pressure hose is for air or water service only. Industrial grade drive spring is protected from the environment in a polypropylene spool. Guide arm adjusts to 7 positions. Max. temp. 150°. 300 psi with 1/4" male NPTF outlet and 1/2" female NPTF inlet.

Stk.	Mfr.	Size	Price
<b>688410</b>	RT435-OLP	1/4" x 25'	<b>WEB</b>
<b>688411</b>	RT450-OLP	1/4" x 50'	<b>WEB</b>
<b>688412</b>	RT650-OLP	3/8" x 50'	<b>WEB</b>



### Side Winder Hose Reel

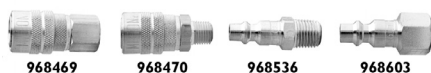
**Lisle** 10" dia. reel prevents tight air hose coils. Constant air supply 1/4" NPT brass swivel keeps air flowing freely & handles up to 250 psi even when dispensing or winding air hose. Coil spring brake keeps reel from unrolling, yet allows easy dispensing of hose. All-steel construction w/durable powder

baked paint finish. 2 built-in tool hangers. Fasten reel in any direction. 6-hole pattern base for bench mount & center line pattern for stud wall mount.

Reel holds 150' of 5/8" O.D. hose or 100' of 3/4" O.D. hose. Supplies 28 cfm at 90 psi. Overall size 17-3/4" dia. x 11"W x 19"H.

**Shown w/hose, sold separately.**

Stk.	Mfr.	Price
<b>503745</b>	50350	<b>WEB</b>



### M-style Kwik-Change Air Couplers & Plugs

**Milton** Couplers & plugs for all air-operated

equipment (Blo-Guns, tire inflators, paint sprayers, air hammers & drills, greasing equipment, oil sprayers).

- Interchangeable w/all mfr.'s complying w/Military Specification MIL-C-4109
- Couplers & plugs can be used together regardless of thread size
- Case-hardened steel plugs are plated to resist rust
- Brass coupler bodies w/brass sleeves

Max. inlet pressure 300 psi. Air flow 400 scfm.

**Couplers** Use only w/shop air.

Stk.	Mfr.	Size	Price
<b>968469</b>	715	1/4" NPT Female	<b>WEB</b>
<b>968470</b>	716	1/4" NPT Male	<b>WEB</b>
<b>968472</b>	718	3/8" NPT Female	<b>WEB</b>
<b>968473</b>	719	3/8" NPT Male	<b>WEB</b>

**Plugs**

Stk.	Mfr.	Size	Price
<b>968536</b>	727	1/4" NPT Male	<b>WEB</b>
<b>968603</b>	728	1/4" NPT Female	<b>WEB</b>
<b>968474</b>	732	3/8" NPT Female	<b>WEB</b>
<b>968475</b>	733	3/8" NPT Male	<b>WEB</b>

**7-Piece Coupler/Plug Kit** Includes female coupler & 6 plugs (3 female, 3 male).

Stk.	Mfr.	Size	Price
<b>968350</b>	S-212	1/4" NPT	<b>WEB</b>

**12-Piece Coupler/Plug Kit** Includes 2 female couplers & 10 plugs (2 female, 8 male).

Stk.	Mfr.	Size	Price
<b>968345</b>	S-210	1/4" NPT	<b>WEB</b>



### M-style Push-button Safety Coupler & Plug Kit

**Milton** Double click to engage properly (first click locks coupler & plug, second click engages air pressure). To disconnect, push button 2x (first push relieves pressure, second push allows plug & coupler to disengage).

**Includes** safety coupler, female coupler and 3 male plugs.

Stk.	Mfr.	Size	Price
<b>968355</b>	S-219	1/4" NPT	<b>WEB</b>



### L-Style Kwik-Change Air Coupler

**Milton** Push-type coupler engages automatically. Couplers and plugs can be used together regardless of thread size. Plated-steel and case-hardened to resist rust.

Max. inlet pressure 300 psi. Air flow 32 scfm.

Stk.	Mfr.	Size	Price
<b>968476</b>	790	1/4" NPT Female	<b>WEB</b>
<b>968479</b>	794	1/4" NPT Male	<b>WEB</b>

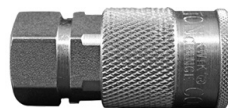


### L-Style Kwik-Change Air Plug

**Milton** Plated-steel and case-hardened to resist rust. Couplers and plugs can be used together regardless of thread size.

Max. inlet pressure 300 psi. Air flow 32 scfm.

Stk.	Mfr.	Size	Price
<b>968477</b>	791	1/4" NPT Male	<b>WEB</b>
<b>968478</b>	792	1/4" NPT Female	<b>WEB</b>



### H-style Interchange Series Coupler

**Milton** Ideal for larger tool applications requiring more SCFMs. 3/8" basic flow size. Buna-N Seals.

Max. temp. 250°F. Max. inlet pressure 300 psi. Air flow 67 scfm.

Stk.	Mfr.	Size	Qty.	Price
<b>968570</b>	1835	3/8" NPT Female	1	<b>WEB</b>
<b>968571</b>	1836	3/8" NPT Male	1	<b>WEB</b>



### H-style Interchange Series Plug

**Milton** Case-hardened and steel-plated to resist rust with 3/8" air flow size. Perfect for larger tool applications requiring more SCFM.

Max. temp. 250°F. Max. inlet pressure 300 psi. Air flow 67 scfm.

Stk.	Mfr.	Size	Qty.	Price
<b>968572</b>	1837	3/8" NPT Male	1	<b>WEB</b>
<b>968573</b>	1838	3/8" NPT Female	1	<b>WEB</b>



### M-Style Air Line Accessory Kit

**Campbell Hausfeld** Great start-up kit for any air compressor. Blo-gun quickly removes debris or can be used with needles and nozzles for inflation. Tire chuck and gauge helps maintain proper tire pressure. Quick-connects allow easy interchange of included tools.

**Includes** blo-gun, safety nozzle, tapered inflation nozzle, coupler, inflation needle, dual foot air chuck, tire gauge, 6 plugs (2 female, 4 male) and 3 couplers (female, 2 male).

Stk.	Mfr.	Item	Size	Price
<b>291156</b>	MP2847	17-Piece	1/4" NPT	<b>WEB</b>



### Compressor Accessory Starter Kit

**Milton** Starter kit of accessories needed for a multitude of compressed air functions. Inflating and checking tire pressure, inflating sports equipment, blowing debris, mending and connecting hoses, quick connection of air tools. Ideal for mobile repair and maintenance.

**Includes** blo-gun, male hose end, male hose mender, female hex coupling, male hex nipple, female air chuck, 2 M-style couplers (1/4" FNPT), 5 M-style plugs (three 1/4" MNPT and two 1/4" FNPT), tire gauge, blo-gun adapter and inflator pin.

Stk.	Mfr.	Item	Size	Price
<b>968357</b>	S-220	16-Piece	1/4" NPT	<b>WEB</b>



### 10-Piece Compressor Accessory Kit

**Campbell Hausfeld** Ideal start for basic inflating of tires, sporting equipment and more. Designed to prevent corrosion, plus it works with most air compressors.

**Includes** blowgun, safety nozzle, inflation adapter, tapered inflation nozzle, inflation needle, air chuck, 2 plugs, 1/4" NPT female coupling and coupler.

Stk.	Mfr.	Price
<b>291158</b>	MP296600AV	<b>WEB</b>



### Hose End

**Milton** Full 360° swivel hose end helps eliminate kinked, twisted air lines. Higher CFM than other swivel hose ends. Steel with black oxide finish.

Stk.	Mfr.	Size	Price
<b>968375</b>	659	1/4" NPT M & F	<b>WEB</b>



### Hex Nipple

**Milton** Brass male fitting couples air hose to air tools.

Stk.	Mfr.	Size	Price
<b>968390</b>	S-648	1/4" NPT Male & 1/4" NPS Ball Socket	<b>WEB</b>



### Air Chuck

**Milton** Female single head chuck.

Stk.	Mfr.	Size	Price
<b>968402</b>	699	1/4" NPT female	<b>WEB</b>



### 3-in-1 Air Manifold

**Milton** Supply 3 air tools from 1 inlet. No need to disconnect and connect for each tool change. Sturdy, lightweight aluminum body. 3/8" NPT female inlet and three 1/4" NPT female outlets.

Stk.	Mfr.	Price
<b>968384</b>	S-685-6	<b>WEB</b>

**5-Piece Kit Includes** manifold (1/4" NPT male inlet and three 1/4" NPT male outlets), 3 M-style male couplers and male plug.

Stk.	Mfr.	Price
<b>968356</b>	S-221	<b>WEB</b>



### Brass Tank Drain Cock

**Milton** This 1/4" NPT drain cock replaces old or damaged drain cocks on compressor tanks. Made with brass body and steel handle.

Stk.	Mfr.	Size	Qty.	Price
<b>968372</b>	S-614-4	1/4" NPT Male	2	<b>WEB</b>

## AIR & ELECTRIC TOOLS



### Air Hammer

**Campbell Hausfeld** Air hammer features a medium barrel 2-3/4"L, delivering the power needed for cutting, punching, chipping or scraping. The rubberized surface helps to absorb tool vibration and reduce fatigue. Accepts 0.401" round shank chisels. Delivers 2,600 impacts per minute to tackle projects more efficiently.

2,600 BPM. Stroke 2-3/4." Weight 2.9 lbs.

Stk.	Mfr.	Air Requirements	Air Inlet	Min. Hose	Price
<b>291172</b>	XT101000	3.1 scfm @ 90 psi	1/4" NPT	3/8"	<b>WEB</b>



### Air Cut-Off Tool

**Campbell Hausfeld** The 1/2 HP motor powers the 3" cutting wheel through plastic, fiberglass, composite materials, sheet metal, angle iron, metal tubing and more. It features a 360° rotating guard, secondary trigger-latch for safety and a rubberized grip. Make air flow adjustments with a quick turn of a screwdriver.

20,000 RPM. Wheel 3" dia. Weight 1.6 lbs.

Stk.	Mfr.	Air Requirements	Air Inlet	Min. Hose	Price
<b>291173</b>	XT200000	4.3 cfm @ 90 psi	1/4" NPT	3/8"	<b>WEB</b>



### 3" Abrasive Cut-off Wheel

**NORTON** Aluminum oxide wheel 3" x 1/16" x 3/8", 36 grit.

Stk.	Mfr.	Qty.	Price
<b>608169</b>	35553	1	<b>WEB</b>



### Angle Die Grinder

**Campbell Hausfeld** This grinder has the power to handle grinding, porting, smoothing, polishing and deburring while making it easy to reach tight spaces. The .2 horsepower motor moves material quickly and efficiently. An easy-adjust valve regulates air flow. The rubberized grip provides a user friendly experience.

20,000 RPM. Weight 1.1 lbs.

Stk.	Mfr.	Air Requirements	Air Inlet	Min. Hose	Price
<b>291174</b>	XT251000	2.8 cfm @ 90 psi	1/4" NPT	3/8"	<b>WEB</b>





### 6" Random Orbit Palm Sander

**Campbell Hausfeld** The ideal tool for tackling wood, body filler, fiberglass, metal and a variety of other surfaces. Whether removing a lot of material or creating that final finished surface, this palm sander will help you complete your project. The vacuum attachment with dust collection bag helps keep the mess to a minimum.

10,000 RPM. Pad size 6". Thread size 5/16-24. Weight 2 lbs.

**Includes** hose, exhaust dust bag and wrench.

Stk.	Mfr.	Air Requirements	Air Inlet	Min. Hose	Price
<b>291175</b>	XT302000	2.1 cfm @ 90 psi	1/4" NPT	3/8"	<b>WEB</b>



### Keyless Reversible Air Drill

**Campbell Hausfeld** This keyless air drill meets all the challenges of surface prep, drilling and easily handles most metal and wood surfaces. The side-toggle makes moving from forward to reverse a one-handed task.

2,000 RPM. Shank 3/64"-3/8". HP 0.4. Weight 2.3 lbs.

Stk.	Mfr.	Air Requirements	Air Inlet	Min. Hose	Price
<b>291176</b>	XT401000	4.0 cfm @ 90 psi	1/4" NPT	3/8"	<b>WEB</b>



### 1/2" Air Impact Wrench

**Campbell Hausfeld** This impact wrench boasts a heavy-duty twin-hammer impact mechanism for maximum torque, while the 3-speed forward/reverse power settings adjusts to meet your specific project requirements.

The rubberized, ergonomic comfort-grip combined with the easy-pull trigger makes this unit user friendly.

8,500 RPM. Max. torque 750 ft. lbs. Impacts/Min. 1,200. Weight 5.2 lbs.

Stk.	Mfr.	Air Requirements	Air Inlet	Min. Hose	Price
<b>291170</b>	XT002000	3.4 @ 90 PSI	1/4" NPT	3/8"	<b>WEB</b>



### 3/8" Air Ratchet

**Campbell Hausfeld** This air ratchet provides the power, control and the ability to work in a confined space. The shock absorbing feature means no more knuckle busting as the clutch internally absorbs the impact instead of transferring it to your hand/wrist. The trigger mechanism is designed to activate in tight places.

320 RPM. Weight 2.8 lbs.

Stk.	Mfr.	Air Requirements	Air Inlet	Min. Hose	Price
<b>291171</b>	XT051000	1.9 cfm @ 90 psi	1/4" NPT	3/8"	<b>WEB</b>



### Electric 1/2" Impact Wrench Driver

**Milwaukee** Delivers 300 ft.-lbs. of torque for faster installations. It features a detent pin to securely retain sockets or adapters, and a rocker switch for quick selection of forward or reverse. The ergonomically shaped handle has a soft cushioned grip, and provides a well-balanced and controllable feel to this lightweight tool.

Torque 300 ft.-lbs. Size 11-5/8"L. Weight 6 lbs.

Stk.	Mfr.	Amps	RPM	Price
<b>576282</b>	9070-20	7	1,800	<b>WEB</b>

## 1/4" SOCKETS



### 1/4" Drive Universal Joint

**GEARWRENCH** Universal joint for access in obstructed areas.

Stk.	Mfr.	Price
<b>433000</b>	80100	<b>WEB</b>



### 1/4" Drive Adapter

**GEARWRENCH**

Stk.	Mfr.	Size	Price
<b>433357</b>	81127	1/4"F x 3/8"M	<b>WEB</b>



### 1/4" Drive Extension

**GEARWRENCH**

Stk.	Mfr.	Length	Price
<b>433350</b>	81101	2"	<b>WEB</b>
<b>433355</b>	81113D	3"	<b>WEB</b>
<b>433356</b>	81116	6"	<b>WEB</b>



### 1/4" Drive Flex Head Teardrop Ratchet

**GEARWRENCH**

Stk.	Mfr.	Length	Price
<b>433322</b>	81012P	6-3/4"	<b>WEB</b>



### 1/4" Drive 90-Tooth Teardrop Ratchet

**GEARWRENCH**

Stk.	Mfr.	Length	Price
<b>433319</b>	81011T	5-1/8"	<b>WEB</b>



### 1/4" Drive Magnetic Socket Holder

**Lisle** Organizes 1/4" fractional & metric sockets. 26-socket compartmented holder secures 1/4" standard & deep sockets. Holds sockets up to 5/8" or 15 mm. Holders leave sockets

exposed for easy identification. Powerful magnets securely hold sockets in tray & tray to any steel surface. Made of strong ABS plastic. Red.

Stk.	Mfr.	Price
<b>503940</b>	40120	<b>WEB</b>



### 10-Piece 1/4" Drive 6-Point Standard SAE Socket Set

**GEARWRENCH Includes** 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16" and storage rail.

Stk.	Mfr.	Price
<b>433042</b>	80303	<b>WEB</b>



### 13-Piece 1/4" Drive 6-Point Standard SAE Socket Set

**S-K Includes** 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", extension (2", 6"), 4-1/2" ratchet, 6" spinner handle and molded case.

Stk.	Mfr.	Price
<b>809911</b>	4913	<b>WEB</b>



### 15-Piece 1/4" Drive 6-Point Standard SAE Mechanic's Tool Set

**GEARWRENCH Includes** 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5"

teardrop ratchet, 2 extensions (2", 6"), 7-3/4" spinner handle, universal joint and molded case.

Stk.	Mfr.	Price
<b>433192</b>	80650	<b>WEB</b>



### 14-Piece 1/4" Drive 6-Point Standard Metric Socket Set

**GEARWRENCH Includes** 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm, 2 extensions (2" and 6"), spinner handle, teardrop ratchet and molded case.

Stk.	Mfr.	Price
<b>433051</b>	80326	<b>WEB</b>



### 21-Piece 1/4" Drive 6-Point Standard & Deep SAE Socket Set

**S-K Includes** standard (3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"), deep (1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"),

4.5" pro ratchet, 6" spinner handle, extensions (2", 6"), universal joint and molded case.

Stk.	Mfr.	Price
<b>809978</b>	4921	<b>WEB</b>



### 24-Piece 1/4" Drive 6-Point Standard & Deep Metric Socket Set

**Great Neck Includes** standard and deep sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm and molded case.

Stk.	Mfr.	Price
<b>281181</b>	18622	<b>WEB</b>



### 22-Piece 1/4" Drive 6 & 12-Point Standard & Deep SAE Socket Set

**GEARWRENCH Includes** 6-point deep (3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"), 12-point standard (3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"), 2 extensions (2" & 6"), spinner handle, teardrop ratchet and molded case.

Stk.	Mfr.	Price
<b>433049</b>	80325	<b>WEB</b>



### 22-Piece 1/4" Drive 6 & 12-Point Standard & Deep Metric Socket Set

**GEARWRENCH Includes** 6-point deep (6, 7, 8, 9, 10, 11, 12, 13, 14mm), 12-point standard (4, 5, 6, 7, 8, 9, 10, 11, 12mm), extensions (2", 6"), spinner handle, teardrop ratchet and molded case.

Stk.	Mfr.	Price
<b>433052</b>	80327	<b>WEB</b>



### 48-Piece 1/4" Drive 6-Point Standard & Deep SAE/Metric Socket Set

**S-K Includes** standard (3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15mm), deep 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 6, 7, 8, 9, 10, 11, 12, 13, 14, 15mm), 4.5" ratchet, extensions (2", 6"), universal joint, adapter (1/4"F-3/8"M, 3/8"F-1/4"M) and molded case.

Stk.	Mfr.	Price
<b>831715</b>	91848	<b>WEB</b>



### 13-Piece 1/4" Drive 12-Point Standard Metric Socket Set

**GEARWRENCH Includes** 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15mm and storage rail.

Stk.	Mfr.	Price
<b>433044</b>	80306	<b>WEB</b>



### 51-Piece 1/4" Drive 12-Point Standard & Deep SAE/Metric Socket Set

**GEARWRENCH Includes** standard and deep (ea. 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"), standard and deep (ea. 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15mm), extensions (2" and 6"), ratchets (thumbwheel, teardrop), universal joint and molded case.

Stk.	Mfr.	Price
<b>433040</b>	80301	<b>WEB</b>

## 3/8" SOCKETS



### 3/8" Drive Universal Joint

**GEARWRENCH**

Stk.	Mfr.	Length	Price
<b>433130</b>	80549	2"	<b>WEB</b>



### 3/8" Drive Spark Plug Socket

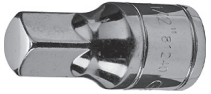
**GEARWRENCH**

Stk.	Mfr.	Size	Price
<b>433105</b>	80402	5/8"	<b>WEB</b>
<b>433106</b>	80403	13/16"	<b>WEB</b>



**3/8" Drive Adapter**  
**GEARWRENCH**

Stk.	Mfr.	Size	Length	Price
<a href="#">433400</a>	81277	3/8"F x 1/4"M	1"	<b>WEB</b>
<a href="#">433401</a>	81278	3/8"F x 1/2"M	1.44"	<b>WEB</b>



**3/8" Drive Extension**  
**GEARWRENCH**

Stk.	Mfr.	Length	Price
<a href="#">433391</a>	81240	1-1/2"	<b>WEB</b>
<a href="#">433392</a>	81241	3"	<b>WEB</b>
<a href="#">433393</a>	81242	6"	<b>WEB</b>
<a href="#">433394</a>	81244	12"	<b>WEB</b>



**3/8" Drive Flex Handle**  
**GEARWRENCH**

Stk.	Mfr.	Length	Price
<a href="#">433386</a>	81221	12"	<b>WEB</b>



**3/8" Drive Speeder Handle**  
**GEARWRENCH** Provides improved access to hard-to-reach places. Durable high-polish finish.

Stk.	Mfr.	Length	Price
<a href="#">433390</a>	81239	16"	<b>WEB</b>



**3/8" Drive Stubby Teardrop Ratchet**  
**GEARWRENCH**

Stk.	Mfr.	Item	Length	Price
<a href="#">433379</a>	81209T	Stubby	4-3/4"	<b>WEB</b>



**3/8" Drive 84-Tooth Flex Head Teardrop Ratchet**  
**GEARWRENCH**

Stk.	Mfr.	Length	Price
<a href="#">433384</a>	81215F	11-1/2"	<b>WEB</b>



**3/8" Drive 90-Tooth Teardrop Ratchet**  
**GEARWRENCH**

Stk.	Mfr.	Length	Price
<a href="#">433382</a>	81211T	8"	<b>WEB</b>



**3/8" Drive Teardrop Ratchet**  
**Performance Tool** Made from chrome vanadium alloy steel for strength and durability, teardrop ratchet has rust- and corrosion-resistant polished nickel chrome-plated finish. The quick-release feature makes socket changes fast and easy. Larger gear teeth for higher torque and additional strength. 41 gear teeth.

Stk.	Mfr.	Length	Price
<a href="#">976583</a>	W38106	8"	<b>WEB</b>



**3/8" Drive I20XP™ Micrometer Torque Wrench**  
**GEARWRENCH**

Head provides a 3° ratcheting arc to turn fasteners in narrow spaces. Torque accuracy of +/- 3% CW in the upper 80% of wrench capability delivers high performance. Knurled handle lets you grip comfortably, while clearly marked midpoint promotes additional accuracy.

Stk.	Mfr.	Capacity	Length	Price
<a href="#">433563</a>	85174	30-250 in./lb.	18.25"	<b>WEB</b>



**3/8" Drive Magnetic Socket Holder**

**Lisle** Organizes 3/8" fractional and metric sockets. 28-socket holder secures 3/8" standard and deep sockets. Holds sockets up to 1" or 24 mm. Holders leave sockets exposed for easy ID. Powerful magnets secure sockets in tray and tray to any steel surface. Made of strong ABS plastic. Fits most 3/8" sets. Red.

Stk.	Mfr.	Price
<a href="#">503941</a>	40200	<b>WEB</b>



**3/8" Drive Hand Impact Tool Set**

**Lisle** Loosens rusted and frozen nuts, bolts and screws. Unique design delivers over 200 ft./lbs. of shock torque. Reverse process to tighten. Can be used with impact sockets.

**Includes** 3/8" impact tool, 3/8" bit holder, Phillips bit #s 1, 2, 3, 4, plus 3/8" straight slot bit.

Stk.	Mfr.	Item	Price
<a href="#">503850</a>	29200	7-Piece Set	<b>WEB</b>



**11-Piece 3/8" Drive 6-Point Standard SAE Socket Set**

**S-K Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7.5" ratchet, extension (3", 6"), 5/8" spark plug and molded case.

Stk.	Mfr.	Price
<a href="#">831730</a>	94512	<b>WEB</b>



**12-Piece 3/8" Drive 6-Point Standard SAE Socket Set**

**GEARWRENCH Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", extensions (3", 6"), teardrop ratchet and molded case.

Stk.	Mfr.	Price
<a href="#">433137</a>	80556	<b>WEB</b>



**13-Piece 3/8" Drive 6-Point Standard SAE Socket Set**

**GEARWRENCH Includes** 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" and storage rail.

Stk.	Mfr.	Price
<a href="#">433134</a>	80553	<b>WEB</b>



### 13-Piece 3/8" Drive 6-Point Standard Metric Socket Set

**S-K Includes** 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm and metal storage rail.

Stk.	Mfr.	Price
<b>801150</b>	135	<b>WEB</b>



### 14-Piece 3/8" Drive 6-Point Standard Metric Socket Set

**GEARWRENCH Includes** 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm and storage rail.

Stk.	Mfr.	Price
<b>433133</b>	80552	<b>WEB</b>



### 11-Piece 3/8" Drive 6-Point Deep SAE Socket Set

**GEARWRENCH Includes** 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" and storage rail.

Stk.	Mfr.	Price
<b>433136</b>	80555	<b>WEB</b>



### 14-Piece 3/8" Drive 6-Point Deep Metric Socket Set

**GEARWRENCH Includes** 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm and storage rail.

Stk.	Mfr.	Price
<b>433135</b>	80554	<b>WEB</b>



### 14-Piece 3/8" Drive 6-Point Deep Metric Sockets

**S-K Includes** 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm and storage rail.

Stk.	Mfr.	Price
<b>806581</b>	1854	<b>WEB</b>



### 18-Piece 3/8" Drive 6-Point Standard & Deep SAE Socket Set

**S-K Includes** standard (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"), deep (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"), 5/8" spark plug socket, 7.5" ratchet, extensions (3", 6") and molded case.

Stk.	Mfr.	Price
<b>831740</b>	94520	<b>WEB</b>



### 49-Piece 3/8" Drive 6-Point Standard & Deep SAE/Metric Socket Set

**S-K Includes** standard (1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm), deep (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm), pro ratchet, thumbwheel ratchet, extensions (3", 6"), universal joint and molded case.

Stk.	Mfr.	Price
<b>831760</b>	94549	<b>WEB</b>



### 27-Piece 3/8" Drive 6-Point Standard, Deep & Flex SAE Socket Set

**S-K Includes** standard (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"), deep (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"), flex (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"), 7.5" ratchet, 9.5" flex handle, extensions (3", 6", 12"), 5/8" spark plug socket and molded case.

Stk.	Mfr.	Price
<b>831750</b>	94527	<b>WEB</b>



### 21-Piece 3/8" Drive 6 & 12-Point Standard & Deep SAE Socket Set

**GEARWRENCH Includes** 6-point deep (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"), 12-point standard (1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"), extensions (3", 6"), teardrop ratchet and molded case.

Stk.	Mfr.	Price
<b>433138</b>	80557	<b>WEB</b>



### 24-Piece 3/8" Drive 6 & 12-Point Standard & Deep Metric Socket Set

**GEARWRENCH Includes** 6-point (standard 13, 14mm, deep 10, 11, 12, 15, 16, 17, 18mm), 12-point (standard 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19mm, deep 15mm), extensions (3", 6"), teardrop ratchet handle and molded case.

Stk.	Mfr.	Price
<b>433139</b>	80559	<b>WEB</b>



### 35-Piece 3/8" Drive 6 & 12-Point Standard & Deep SAE/Metric Socket Set

#### Crescent

**Includes** 6-point deep (7/16", 1/2", 9/16", 5/8", 11/16", 12, 13, 14, 15, 16, 17mm). 12-point standard (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 10, 11, 12, 13, 14, 15, 17mm). 72-tooth quick release teardrop ratchet 8.5", extensions (3", 6"), universal joint, 6-point 2-1/2" magnetic spark plug socket 13/16" and molded case.

Stk.	Mfr.	Price
<b>310642</b>	CTK35	<b>WEB</b>



### 13-Piece 3/8" Drive 12-Point Standard SAE Socket Set

**GEARWRENCH Includes** 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" and storage rail.

Stk.	Mfr.	Price
<b>433141</b>	80561	<b>WEB</b>



### 34-Piece 3/8" Drive 12-Point Standard & Deep SAE/Metric Socket Set

**Stanley Includes** standard (5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19mm), deep (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8") reversible ratchet, universal joint, extensions (3", 6") and molded case.

Stk.	Mfr.	Price
<b>864791</b>	85-405	<b>WEB</b>





### 57-Piece 3/8" Drive 12-Point Standard & Deep SAE/Metric Socket Set

**GEARWRENCH Includes** standard (1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"), deep (1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"), standard and deep (ea. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm), extensions (3", 6"), handles (stubby, ratchet), universal joint and molded case.

Stk.	Mfr.	Price
<b>433132</b>	80551	<b>WEB</b>

## 1/2" SOCKETS



### 1/2" Drive Universal Joint

**GEARWRENCH**

Stk.	Mfr.	Size	Length	Price
<b>433168</b>	80600D	1/2"F x 1/2"M	2-7/8"	<b>WEB</b>



### 1/2" Drive Adapter

**GEARWRENCH**

Stk.	Mfr.	Size	Length	Price
<b>433426</b>	81354	1/2"F x 3/8"M	1.38"	<b>WEB</b>



### 1/2" Drive Extension

**GEARWRENCH**

Stk.	Mfr.	Length	Price
<b>433420</b>	81340	3"	<b>WEB</b>
<b>433421</b>	81341	5"	<b>WEB</b>
<b>433422</b>	81342	10"	<b>WEB</b>
<b>433423</b>	81343	15"	<b>WEB</b>



### 1/2" Drive Flex Handle

**GEARWRENCH**

Stk.	Mfr.	Length	Price
<b>433409</b>	81307	15"	<b>WEB</b>



### 1/2" Drive Speeder Handle

**GEARWRENCH**

Stk.	Mfr.	Length	Price
<b>433415</b>	81312	16"	<b>WEB</b>



### 1/2" Drive 90-Tooth Teardrop Ratchet

**GEARWRENCH**

Stk.	Mfr.	Length	Price
<b>433411</b>	81304T	11"	<b>WEB</b>



### 1/2" Drive Flex Head Ratchet

**Proto**

Stk.	Mfr.	Length	Price
<b>932391</b>	J5457F	17-3/32"	<b>WEB</b>



### 1/2" Drive Micrometer Torque Wrench

**GEARWRENCH** Thin profile, sealed tear-drop head for access and durability. Pull adjustment collar for easy and quick torque setting changes. Stamped scale on beam and thimble collar. Accurate in clockwise direction  $\pm 3\%$  from 20% to 100% of full scale.

Stk.	Mfr.	Capacity	Increments	Length	Price
<b>433143</b>	85063	20-150 ft. / lb.	1 ft. / lb.	21.9"	<b>WEB</b>



### 1/2" Drive Socket Holder

**Proto** Heavy gauge all welded steel construction with 16 clips.

Stk.	Mfr.	Length	Price
<b>910035</b>	J2575	17"	<b>WEB</b>



### 1/2" Drive Magnetic Socket Holder

**Lisle** Organizes 1/2" chrome and impact sockets. 22-socket compartmented holder secures 1/2" standard and deep sockets. Holds sockets up to 1" or 20 mm. Holders leave sockets exposed for easy identification. Made of strong ABS plastic. Rubber feet protect tool box from scratching. Red.

Stk.	Mfr.	Price
<b>503942</b>	40900	<b>WEB</b>



### 11-Piece 1/2" Drive 6-Point Standard Impact SAE Socket Set

**S-K Includes** 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" and 1-1/8".

Stk.	Mfr.	Price
<b>808450</b>	4032	<b>WEB</b>



### 12-Piece 1/2" Drive 6-Point Standard Impact SAE Socket Set

**GEARWRENCH Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" and molded case.

Stk.	Mfr.	Price
<b>433560</b>	84931N	<b>WEB</b>



### 19-Piece 1/2" Drive 6-Point Standard Impact SAE Socket Set

**GEARWRENCH Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2" and molded case.

Stk.	Mfr.	Price
<b>433561</b>	84932N	<b>WEB</b>



### 15-Piece 1/2" Drive 6-Point Deep Impact SAE Socket Set

**S-K Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16" and 1-1/4".

Stk.	Mfr.	Price
<b>808462</b>	4045	<b>WEB</b>



#### 14-Piece 1/2" Drive 6-Point Deep SAE Socket Set

**GEARWRENCH Includes** 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-1/2" and molded case.

Stk.	Mfr.	Price
<b>433235</b>	80733	<b>WEB</b>



#### 15-Piece 1/2" Drive 12-Point Standard SAE Socket Set

**GEARWRENCH Includes** 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-1/2" and molded case.

Stk.	Mfr.	Price
<b>433233</b>	80731	<b>WEB</b>



#### 13-Piece 1/2" Drive 12-Point Standard Metric Socket Set

**GEARWRENCH Includes** 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm and storage rail.

Stk.	Mfr.	Price
<b>433223</b>	80710D	<b>WEB</b>



#### 23-Piece 1/2" Drive 12-Point Standard & Deep SAE Socket Set

**S-K Includes** standard (7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"), deep (1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"), 10.3" pro ratchet, 16" flex handle and 5" extension.

Stk.	Mfr.	Price
<b>808571</b>	4123	<b>WEB</b>



#### 33-Piece 1/2" Drive 12-Point Standard & Deep SAE Socket Set

**GEARWRENCH Includes** standard (7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-1/2", deep (7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-1/2"), extensions (3", 5"), handles (flex, ratchet), universal joint and molded case.

Stk.	Mfr.	Price
<b>433224</b>	80714D	<b>WEB</b>



#### 37-Piece 1/2" Drive 12-Point Standard & Deep Metric Socket Set

**GEARWRENCH Includes** standard (9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 36mm) and deep (14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm).

Stk.	Mfr.	Price
<b>433232</b>	80730	<b>WEB</b>



#### 49-Piece 1/2" Drive 12-Point Standard & Deep SAE/Metric Sockets

**GEARWRENCH Includes** standard (7/16", 1/2", 9/16", 5/8", 11/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm), deep (1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm), extensions (3", 5"), ratchet handle, universal joint and case.

Stk.	Mfr.	Item	Price
<b>433218</b>	80701	49-Piece	<b>WEB</b>

## COMBINATION SOCKET SETS



#### 10-Piece Universal Adapter Sockets

**GEARWRENCH Includes** 2 universal joints (1/4" & 3/8"). 3 impact universal joints (1/4", 3/8", 1/2"), two 3/8"F adapters (1/4"M & 1/2"M), two 1/2"F adapters (3/8"M & 3/4"M), 1/4"F adapter (3/8"M), plus molded case.

Stk.	Mfr.	Price
<b>433375</b>	81205	<b>WEB</b>



#### 10-Piece 1/4", 3/8" Drive Torx® Bit Set

**Lisle Includes** 1/4" (T10, 15, 20, 25, 27, 30, 40, bit holder), 3/8" (T45, 50, 55, bit holder) and vinyl rail.

Stk.	Mfr.	Price
<b>503741</b>	26530	<b>WEB</b>



#### 10-Piece 3/8" & 1/2" Drive Hex Bit SAE Socket Set

**GEARWRENCH Includes** 3/8" sockets (1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"), 1/2" sockets (1/2", 9/16", 5/8") and storage rail.

Stk.	Mfr.	Price
<b>433150</b>	80579	<b>WEB</b>



#### 13-Piece 1/4", 3/8", 1/2" Drive Torx® Bit Socket Set

**GEARWRENCH Includes** 1/4" sockets (T8, 10, 15, 20, 25, 27, 30), 3/8" sockets (T40, 45, 47, 50, 55), 1/2" socket (T60) and storage rail.

Stk.	Mfr.	Price
<b>433228</b>	80723	<b>WEB</b>



#### 36-Piece 1/4", 3/8", 1/2" Drive Standard Hex, E-Torx® & Torx® Bit SAE/Metric Socket Set

**GEARWRENCH Includes** 1/4" Torx® sockets (T10, 15, 20, 25, 27, 30), 1/4" external Torx sockets (E5, 6, 7, 8), 3/8" Torx sockets (T40, 45, 47, 50, 55), 3/8" external Torx sockets (E#s 10, 12, 14, 16), 3/8" hex sockets (5/32", 3/16", 7/32", 5/16", 3/8", 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10mm), 1/2" external Torx socket (E18) and molded case.

Stk.	Mfr.	Price
<b>433230</b>	80726	<b>WEB</b>



#### 45-Piece SAE/Metric Mechanic's Tool Set

**Crescent Includes** 20-piece 1/4" drive 6-point standard SAE/Metric sockets, 19-piece 3/8" drive 12-point standard SAE/Metric sockets, 3/8" spark plug sockets (5/8", 13/16"), 3/8" extension (3"), 3/8" quick release ratchet, adapter (3/8"F, 1/4"M), 1/4" spinner handle and molded case.

Stk.	Mfr.	Price
<b>310616</b>	CSWS13N	<b>WEB</b>



#### 68-Piece SAE & Metric Mechanic's Tool Set

**GEARWRENCH Includes** 6-point 1/4" deep standard sockets 3/16"-1/2", 6-point 1/4" deep metric sockets 6mm-14mm, 12-point 1/4" standard metric sockets 4mm-12mm, 12-point 1/4" standard sockets 3/16"-1/2", 1/4" standard extensions (2", 6"), 1/4" full polish teardrop 84-tooth ratchet, 6-point 3/8" deep standard sockets 3/8"-13/16", 12-point 3/8" standard metric sockets 9mm-17mm, 12-point 3/8" standard socket 3/8"-7/8", 3/8" standard extensions (3", 6"), 3/8" full polish teardrop 84-tooth ratchet and molded case.

Stk.	Mfr.	Price
<b>433535</b>	83000	<b>WEB</b>



#### 70-Piece 1/4" & 3/8" Drive 6 & 12 Point Standard SAE/Metric Mechanics Tool Set

**Crescent**

**Includes** 12-piece combination 12-point sockets, 9-piece 1/4" drive 6-point Metric sockets, 9-piece 1/4" drive 6-point SAE sockets, 7-piece 3/8" drive 12-point SAE sockets, 7-piece 3/8" drive 12-point Metric sockets, 2" extension (1/4"), 3" extension (3/8"), 6" quick release ratchet (1/4"), 8.5" quick release ratchet (3/8"), 1/4" bit-holding screwdriver handle and molded case.

Stk.	Mfr.	Price
<b>310640</b>	CTK70C	<b>WEB</b>



#### 121-Piece Automotive Tool Set

**GEARWRENCH Includes** 27-piece 1/4" socket & tool set, 33-piece 3/8" socket & tool set, 24-piece fractional/metric long combination wrench set, 13-piece fractional Allen key set, 6-piece combination screwdriver set, 5-piece punch & chisel set, 5-piece general purpose tool set, 4-piece pliers set, 3-piece KD® specialty tool set, plus 4 socket storage rails, screwdriver storage tray & tool box w/tray.

Stk.	Mfr.	Price
<b>433540</b>	83090	<b>WEB</b>



#### 145-Piece Mechanic's Tool Set

**Stanley Includes** 22-piece 1/4" drive 6-point deep sockets, 24-piece 1/4" drive 6-point standard sockets, 8-piece 3/8" drive 6-point deep sockets, 20-piece 3/8" drive 6-point standard sockets, 1/4" spinner handle, 1/4" pear head ratchet, 1/4" x 6" extension, 3/8" spark plug socket, 3/8" pear head ratchet, 1/4" bit holder, 1/4" 30-piece specialty bits, 8 combination wrenches, 16 SAE/Metric hex keys, 10-piece nut bits and molded case.

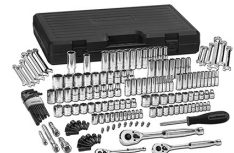
Stk.	Mfr.	Price
<b>864555</b>	STMT71653	<b>WEB</b>



#### 150-Piece 1/4" and 3/8" Drive 6 Point SAE/Metric Professional Tool Set

**Crescent Includes** 51 standard sockets, 2 ratchets, 3 extensions, spark plug socket, 12 combination wrenches, 24 hex keys, 2 pliers, adjustable wrench, 2 screwdrivers, magnetic bit driver with 38 bits, bit adapter, 12 nut driver bits and molded case.

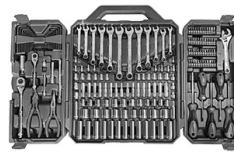
Stk.	Mfr.	Price
<b>310623</b>	CTK150	<b>WEB</b>



#### 165-Piece SAE/Metric Mechanic's Tool Set

**GEARWRENCH Includes** 6-point 1/4" standard sockets 3/16"-9/16", 6-point 1/4" standard metric sockets 4mm-15mm, 6-point 1/4" deep standard sockets 3/16"-9/16", 6-point 1/4" deep metric sockets 4mm-14mm, 6-point 1/4" teardrop quick release ratchet, 1/4": standard extension 3", spinner handle, bit holder socket. 6-point 3/8" standard sockets 1/4"-7/8", 6-point 3/8" standard metric sockets 9mm-22mm, 6-point 3/8" deep standard sockets 3/8"-3/4", 6-point 3/8" deep metric sockets 9mm-19mm, 12-point 3/8" standard sockets 1/4"-7/8", 12-point 3/8" standard metric sockets 9mm-22mm, 3/8" teardrop quick release ratchet, 3/8": standard extension 3", standard extension 6", spark plug socket 5/8", spark plug socket 13/16". 12-point 1/2" standard sockets 7/16"-15/16", 12-point 1/2" standard sockets 1"-1-1/2", 12-point 1/2" standard sockets 15mm-32mm, 1/2" teardrop quick release ratchet, standard extension 3". Long pattern combination wrenches 1/4"-3/4" and 7mm-15mm and molded storage case.

Stk.	Mfr.	Price
<b>433310</b>	80932	<b>WEB</b>



#### 180-Piece 1/4" and 3/8" Drive 6 Point SAE/Metric Professional Tool Set

**Crescent Includes** 51 standard sockets, 31 deep sockets, 2 ratchets, 3 extensions, adapter, spark plug socket, 12 combination wrenches, 24 hex keys, 2 pliers, adjustable wrench, 4 screwdrivers, magnetic bit driver with 46 bits, bit adapter and molded case.

Stk.	Mfr.	Price
<b>310624</b>	CTK180	<b>WEB</b>



#### 230-Piece TEP Intermediate Set

**GEARWRENCH Includes** 84-tooth 1/4", 3/8" and 1/2" drive ratchets. Extensions: 1/4", 3/8" and 1/2". Universal joints: 1/4", 3/8" and 1/2". Sockets: 1/4" and 3/8" drive standard and deep, SAE and metric, 1/2" drive in standard length SAE and metric. Wrenches: long pattern combo in SAE and metric. Screwdrivers: 12-piece set. Pliers: 7-piece set. Double-X, punches, and chisels 12-piece set. Allen hex key set: 13-piece SAE, 9-piece Metric. General purpose tools: hacksaw, hammers, utility knife, flashlight, locking pliers, safety glasses, tape measure. Automotive specialty tools: low voltage circuit tester, feeler gauge, gasket scraper, screw starters, brake tools, inspection tools and more.

Stk.	Mfr.	Price
<b>433541</b>	83095	<b>WEB</b>

## ALLEN WRENCH SETS



### Eklind Fold-up Hex Keys

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish. Keys secured in a 1-piece steel case.

Stk.	Mfr.	Item	Size	Price
<b>385000</b>	20511	5-Piece	3/16" - 3/8"	<b>WEB</b>
<b>385031</b>	20812	8-Piece	3/32" - 1/4"	<b>WEB</b>
<b>385030</b>	20811	8-Piece	.050" - 5/32"	<b>WEB</b>
<b>385051</b>	20912	9-Piece	.050" - 3/16"	<b>WEB</b>
<b>385050</b>	20911	9-Piece	5/64" - 1/4"	<b>WEB</b>
<b>385100</b>	21151	6-Piece	3 - 10mm	<b>WEB</b>
<b>385111</b>	21172	7-Piece	2 - 8mm	<b>WEB</b>
<b>385110</b>	21171	7-Piece	1.5 - 6mm	<b>WEB</b>
<b>385170</b>	26160	16-Piece	5/64" - 1/4", 1.5 - 5mm	<b>WEB</b>



### Proto Fold-up Hex Keys

**Proto** Keys secured in a 1-piece chrome plated steel case. Rust-resistant black oxide finish.

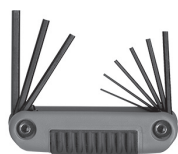
Stk.	Mfr.	Item	Size	Price
<b>922743</b>	J4991	8-Piece, Long	3/32" - 1/4"	<b>WEB</b>
<b>922006</b>	J4978	9-Piece	.050" - 3/16"	<b>WEB</b>
<b>921805</b>	J4973	6-Piece	3 - 10mm	<b>WEB</b>
<b>921872</b>	J4974	7-Piece	1.5 - 6mm	<b>WEB</b>



### DeWalt Fold-up Hex Keys

**DEWALT** Ergonomic, soft-grip case with steel side plate and push-button locks at 90°, 135° and 180°.

Stk.	Mfr.	Item	Size	Price
<b>243417</b>	DWHT70262M	8-Piece	3/32" - 1/4"	<b>WEB</b>
<b>243418</b>	DWHT70263M	8-Piece	1.5 - 8mm	<b>WEB</b>



### Eklind Ergo-Fold™ Fold-up Hex Keys

**Eklind** Ergonomic, soft-grip handle for comfort and slip resistance, hard shell for strength. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>385160</b>	25911	9-Piece	5/64" - 1/4"	<b>WEB</b>
<b>385161</b>	25912	9-Piece	.050" - 3/16"	<b>WEB</b>



### Eklind Hex-L® Keys with Vinyl Pouch

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>385292</b>	69210	10-Piece	1.3 - 10mm	<b>WEB</b>
<b>385300</b>	69218	18-Piece	Short .050" - 7/32", Long 1/16" - 5/16"	<b>WEB</b>



### Eklind Hex-L® Keys with Holder

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>384880</b>	10107	7-Piece Short	5/64" - 1/4"	<b>WEB</b>
<b>384882</b>	10111	11-Piece Short	.050" - 1/4"	<b>WEB</b>
<b>384870</b>	10018	18-Piece Short / Long	.050" - 5/16"	<b>WEB</b>
<b>384915</b>	10507	7-Piece Short	1.5 - 6mm	<b>WEB</b>
<b>384916</b>	10509	9-Piece Short	1.5 - 10mm	<b>WEB</b>



### Proto L Hex Keys with Holder

**Proto** Rust-resistant black oxide finish.

Stk.	Mfr.	Item	Size	Price
<b>922020</b>	J4982	7-Piece	5/64" - 1/4"	<b>WEB</b>
<b>922019</b>	J4981	11-Piece	.050" - 1/4"	<b>WEB</b>

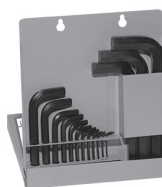


### Great Neck L-Hex Key SAE/Metric 20-Piece Set

#### Great Neck

**Includes** 2, 2.5, 3, 4, 5, 6, 8mm and .05", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8".

Stk.	Mfr.	Price
<b>281183</b>	HK20S	<b>WEB</b>



### Eklind Hex-L® Keys with Metal Case

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>384900</b>	10115	15-Piece	.028" - 3/8"	<b>WEB</b>
<b>384920</b>	10515	15-Piece, Short	0.7 - 17mm	<b>WEB</b>



### Fastener Barn L Hex Key 95-Piece Set

**Fastener Barn** Short hex keys made of alloy steel.

**Includes** 10 ea. (.050, 1/16", 5/64", 3/32", 1/8", 5/32", 3/16" & 7/32), 5 ea. (1/4", 5/16" & 3/8") and molded case.

Stk.	Mfr.	Price
<b>485515</b>	HK99	<b>WEB</b>



### Eklind Long Ball-Hex-L™ Key Set

**Eklind** Ball-Hex Keys will drive a fastener at up to a 30 degree angle.

Stk.	Mfr.	Item	Size	Price
<b>384960</b>	13609	9-Piece	1.5 - 10mm	<b>WEB</b>
<b>384950</b>	13222	22-Piece	Stubby .050" - 3/8", 1.5 - 10mm.	<b>WEB</b>





### Eklind T-Handle Hex Keys in Pouch

**Eklind** One continuous piece of hexagon, industrial-grade alloy steel. Heat-treated for optimum strength. Black rust-resistant finish. Proportional-balanced design for maximum leverage, reach and torque. Square-cut ends engage the full socket depth for tightening without reaming. USA made.

Stk.	Mfr.	Item	Size	Length	Price
<b>385200</b>	33168	8-Piece Pouch Set	3/32" - 1/4"	6"	<b>WEB</b>
<b>385210</b>	33198	8-Piece Pouch Set	3/32" - 1/4"	9"	<b>WEB</b>
<b>385220</b>	33610	10-Piece Pouch Set	3/32" - 3/8"	6"	<b>WEB</b>
<b>385230</b>	33910	10-Piece Pouch Set	3/32" - 3/8"	9"	<b>WEB</b>
<b>385250</b>	35168	8-Piece Pouch Set	2 - 10mm	6"	<b>WEB</b>



### Eklind Cushion Grip T-Handle Hex Keys with Stand

**Eklind** One continuous piece of hexagon, industrial-grade alloy steel. Heat-treated for optimum strength. Black rust-resistant finish. Proportional-balanced design for maximum leverage, reach and torque. Square-cut ends engage the full socket depth for tightening without reaming. USA made.

Stk.	Mfr.	Item	Size	Length	Price
<b>385270</b>	50160	10-Piece	3/32" - 3/8"	6"	<b>WEB</b>
<b>385280</b>	56168	8-Piece	2 - 10mm	6"	<b>WEB</b>



### Power-T™ T-Handle Hex Keys with Stand

**Eklind** Ergonomic, textured, slip-resistant grip provides extra torque and safety. Made from the highest quality hex steel, heat treated for maximum strength and finished to resist rust. Color-coded for easy identification. Sizes stamped on handle.

Stk.	Mfr.	Item	Size	Length	Price
<b>385285</b>	60614	11-Piece	5/64" - 3/8"	6"	<b>WEB</b>
<b>385286</b>	60914	11-Piece	5/64" - 3/8"	9"	<b>WEB</b>
<b>385287</b>	64611	8-Piece	2 - 10mm	6"	<b>WEB</b>
<b>385288</b>	64911	8-Piece	2 - 10mm	9"	<b>WEB</b>



### Eklind Torx® Fold-up Keys

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish. Keys secured in a 1-piece steel case.

Stk.	Mfr.	Item	Size	Price
<b>385150</b>	22571	7-Piece	T10 - 40	<b>WEB</b>
<b>385151</b>	22572	7-Piece	T6 - 20	<b>WEB</b>



### Proto Torx® Keys with Pouch

**Proto** Corrosion-resistant black-oxide finish.

Stk.	Mfr.	Item	Size	Price
<b>921792</b>	J4961	10-Piece	T10 - T55	<b>WEB</b>



### Eklind Torx® Keys with Holder

**Eklind** High-quality, alloy steel heat-treated for strength and ductility. Rust-resistant black finish.

Stk.	Mfr.	Item	Size	Price
<b>384930</b>	10807	7-Piece Short	T10 - T40	<b>WEB</b>
<b>384931</b>	10907	7-Piece Long	T10 - T40	<b>WEB</b>

## WRENCHES



### Adjustable Wrench

**Great Neck** Adjustable wrench is made of professional quality, drop forged steel.

Stk.	Mfr.	Item	Size	Price
<b>281021</b>	AW6C	6"	<b>WEB</b>	
<b>281022</b>	AW8C	8"	<b>WEB</b>	
<b>281023</b>	AW10C	10"	<b>WEB</b>	
<b>281024</b>	AW12C	12"	<b>WEB</b>	



### Black Oxide Adjustable Wrench

**Crescent** Wrenches feature a large knurl for easy adjustment and a tight jaw fit. Jaw design reduces slippage and tightly grips the fastener for solid, secure operation, while the corrosion-resistant black-oxide finish helps prevent rusting.

Stk.	Mfr.	Size	Length	Price
<b>310490</b>	AT24VS	1/2"	4"	<b>WEB</b>
<b>310491</b>	AT26VS	5/16"	6"	<b>WEB</b>
<b>310492</b>	AT28VS	1-1/8"	8"	<b>WEB</b>
<b>310493</b>	AT210VS	1-5/16"	10"	<b>WEB</b>
<b>310494</b>	AT212VS	1-1/2"	12"	<b>WEB</b>



### Chrome Plated Adjustable Wrench

**Crescent** Wrenches feature a large knurl for easy adjustment and a tight jaw fit. Jaw design reduces slippage and tightly grips the fastener for solid, secure operation, while the corrosion-resistant chrome finish helps prevent rusting.

Stk.	Mfr.	Size	Length	Price
<b>310405</b>	AC24VS	1/2"	4"	<b>WEB</b>
<b>310406</b>	AC26VS	5/16"	6"	<b>WEB</b>
<b>310407</b>	AC28VS	1-1/8"	8"	<b>WEB</b>
<b>310410</b>	AC210VS	1-5/16"	10"	<b>WEB</b>
<b>310411</b>	AC212VS	1-1/2"	12"	<b>WEB</b>



### 3-Piece Adjustable Wrench Set

**Crescent**

**Includes** 5/16" x 6"L, 1-1/8" x 8" and 1-5/16" x 10"L.

Stk.	Mfr.	Price
<b>307661</b>	AC3PC	<b>WEB</b>



### 5-1/2" Ratcheting Refrigeration Wrench

**Klein** For refrigeration packing gland nuts, valve stem sockets and beam-clamp installation. Quick-flip reversing lever permits ratchet reversal. Socket size 3/16" and 5/16" Sq. x 1/4" and 3/8" Sq.

Stk.	Mfr.	Price
<b>945355</b>	68310	<b>WEB</b>



#### 6-Piece Flare Nut Wrench SAE Set

**GEARWRENCH Includes** 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", 5/8" x 3/4", 3/4" x 7/8" and storage tray.

Stk.	Mfr.	Price
<b>433508</b>	81907	<b>WEB</b>



#### 6-Piece Flare Nut Wrench Metric Set

**GEARWRENCH Includes** 9 x 11, 10 x 12, 13 x 14, 15 x 17, 16 x 18, 19 x 21mm and storage tray.

Stk.	Mfr.	Price
<b>433507</b>	81906	<b>WEB</b>



#### 14-Piece 6-Point Combination SAE Wrench Set

**GEARWRENCH Includes** 1/4", 15/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1".

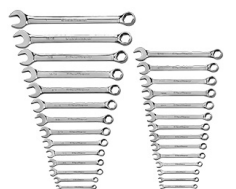
Stk.	Mfr.	Price
<b>433510</b>	81924	<b>WEB</b>



#### 14-Piece 6-Point Combination Metric Wrench Set

**GEARWRENCH Includes** 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm.

Stk.	Mfr.	Price
<b>433511</b>	81925	<b>WEB</b>



#### 28-Piece 6-Point Combination SAE/Metric Wrench Set

**GEARWRENCH Includes** 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm.

Stk.	Mfr.	Price
<b>433509</b>	81923	<b>WEB</b>



#### 5-Piece 12-Point Ratcheting Combination SAE Wrench Set

**GEARWRENCH Includes** 3/8", 7/16", 1/2", 9/16", 5/8".

Stk.	Mfr.	Price
<b>432980</b>	93005	<b>WEB</b>



#### 6-Piece 12-Point Combination SAE Wrench Set

**Crescent**

**Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" wrenches and storage rack.

Stk.	Mfr.	Price
<b>310641</b>	CCSW0-05	<b>WEB</b>



#### 6-Piece 12-Point Combination Metric Wrench Set

**Stanley Includes** 10, 11, 12, 13, 14, 15 mm and plastic storage rack.

Stk.	Mfr.	Price
<b>864813</b>	85-928	<b>WEB</b>



#### 8-Piece 12-Point Reversible Ratcheting Combination SAE Wrench Set

**GEARWRENCH Includes** 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and storage rack.

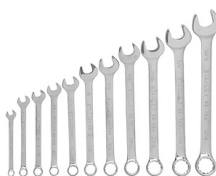
Stk.	Mfr.	Price
<b>432830</b>	9533N	<b>WEB</b>



#### 8-Piece 12-Point Combination Metric Wrench Set

**Blackhawk Includes** 8, 9, 10, 11, 12, 14, 17, 19mm.

Stk.	Mfr.	Price
<b>905587</b>	MF-008M	<b>WEB</b>



#### 11-Piece 12-Point Max-Drive™ Combination SAE Wrench Set

**Stanley Includes** 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16".

Stk.	Mfr.	Price
<b>864840</b>	94-385W	<b>WEB</b>



#### 11-Piece 12-Point Combination Metric Wrench Set

**Stanley Includes** 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17mm.

Stk.	Mfr.	Price
<b>864841</b>	94-386W	<b>WEB</b>



#### 13-Piece 12-Point Max-Drive™ Combination SAE Wrench Set

**Stanley Includes** 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8".

Stk.	Mfr.	Price
<b>864820</b>	87-244	<b>WEB</b>



#### 14-Piece 12-Point Combination SAE Wrench Set

**Blackhawk Includes** 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 13/16", 15/16", 1", 1-1/8", 1-1/4".

Stk.	Mfr.	Price
<b>905589</b>	MF-014	<b>WEB</b>



#### 14-Piece 12-Point Max-Drive™ Combination SAE Wrench Set

**Stanley Includes** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1, 1-1/16", 1-1/8", 1-1/4".

Stk.	Mfr.	Price
<b>864815</b>	85-990	<b>WEB</b>



#### 14-Piece 12-Point Combination SAE Ratcheting Wrench Set

**GEARWRENCH Includes** 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" and storage rack.

Stk.	Mfr.	Price
<b>433566</b>	86959	<b>WEB</b>



#### 15-Piece 12-Point Combination SAE Wrench Set

**S-K Includes** 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1".

Stk.	Mfr.	Price
<b>831567</b>	86255	<b>WEB</b>



#### 15-Piece 12-Point Combination Metric Wrench Set

**S-K Includes** 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm and storage rack.

Stk.	Mfr.	Price
<b>831568</b>	86265	<b>WEB</b>



#### 16-Piece 12-Point Combination Metric Ratcheting Wrench Set

**GEARWRENCH Includes** 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 25 and storage rack.

Stk.	Mfr.	Price
<b>433565</b>	86928	<b>WEB</b>



#### 22-Piece 12-Point Long Pattern Combination Metric Wrench Set

**GEARWRENCH Includes** 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm and tool roll.

Stk.	Mfr.	Price
<b>433517</b>	81916	<b>WEB</b>



#### Combination Wrench Rack

**Wright** 15-slot locking rack neatly stores wrenches. Durable plastic rack has pre-drilled holes to easily mount to wall or toolbox. Red.

Stk.	Mfr.	Price
<b>532805</b>	S1203RACK	<b>WEB</b>



#### Magnetic Tool Holder

**Master Magnetics** Strong, permanent magnetic bars are designed to hold large or small tools or metal parts firmly. Provides easy grasp and instant release. Black w/yellow Day-Glo striping for high visibility.

Stk.	Mfr.	Length	Price
<b>530000</b>	07661	24"	<b>WEB</b>

## ROTARY TOOLS



### Flexible Shaft Kit With Hanger

**Foredom** Motor is 1/6 HP with ball bearing and bale for hanging. Runs in forward and reverse up to 18,000 RPM. Speed is operated with extra wide foot control that includes solid state electronics and is made of heavy duty plastic. Standard 39" key tip inner shafting connects to any of Foredom's interchangeable handpieces.

1/6 HP. 18,000 RPM.

**Includes** motor, foot control, hand piece and 88-piece accessory kit.

Stk.	Mfr.	Item	Price
<b>613900</b>	K.2273	88-Piece Accessory Kit	<b>WEB</b>



### Fortiflex™ Flex Shaft Tool Kit

**DREMEL** The ideal rotary tool for detailed projects requiring both precision and power. 2.5 Amp (1/5 HP) motor provides high torque at low speeds making it perfect for power-carving, shaping and grinding. Flexible shaft includes a patented bearing system for durability and cool operation. Precision hand piece is engineered for control and comfort even with extended use. 3-jaw chuck accepts accessories with shank sizes from 0"- 5/32". Foot-operated speed control delivers the right speed for every job.

**Includes** VS foot pedal, heavy-duty flex shaft, hand-piece w/3-jaw chuck, wall hook, chuck wrench, HS cutter, brush wheel, 1/4" & 1/2" sanding mandrel, 1/4" sanding band (1 ea. 60 & 2 ea. 120 grit), 1/2" sanding bands (1 ea. 60 & 2 ea. 120 grit), diamond wheel point, tungsten carbide cutter, aluminum oxide grinding stone, 3/16" silicon carbide grinding stone, drill bit set & manual.

Stk.	Mfr.	Volts	Amps	Speed	Price
<b>343441</b>	9100-21	120	2.5	23,000 RPM	<b>WEB</b>



### 100 Series Rotary Tool Kit

**DREMEL** Single-speed control for routing, cutting, drilling and sanding. Lightweight design gives comfort during prolonged use. Cool-running ball bearing construction for smooth and quiet operation. Replaceable brushes extend tool life. 2-yr. mfr.'s warranty.

**Includes** 7 assorted bits/accessories & 6' cord.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
<b>342798</b>	100-N/7	120	1.15	35,000	<b>WEB</b>



### 200 Series Rotary Tool Kit

**DREMEL** Two-speeds allow low speed for cleaning applications and brush accessories, plus high-speed for routing, cutting and sanding. Click-and-set on/off switch allows precise speed selection. Lightweight, comfortable design.

Cool-running ball bearing construction for smooth, quiet operation. Replaceable brushes extend tool life. 3-yr. mfr.'s warranty.

**Includes** 15 assorted bits/accessories, lawn mower/garden tool sharpener, plastic case & 6' cord.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
<b>343021</b>	200-1/15	120	1.15	15,000-35,000	<b>WEB</b>



### 3000 Variable Speed Rotary Tool Kits

**DREMEL** EZ Twist™ nose cap with integrated wrench allows nose cap to be used to tighten accessories. Fan design and side vents make for a cooler running tool. Can be used with all Dremel accessories and most attachments. Replaceable motor brushes extend tool life. 4-yr. mfr.'s warranty.

**24-Piece Accessory Kit Includes** 6' cord & molded case, plus 24 assorted bits/accessories.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
<b>343104</b>	3000-1/24	120	1.2	5,000-32,000	<b>WEB</b>

**28-Piece Accessory Kit Includes** 6' cord & molded case, plus 28 assorted bits/accessories.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
<b>343105</b>	3000-2/28	120	1.2	5,000-32,000	<b>WEB</b>



### 4000 High Performance Rotary Tool Kit

**DREMEL** High-performing, versatile rotary tools feature increased motor strength, plus electronic feedback circuitry that enables consistent performance at all speed levels. Accepts all existing Dremel accessories/attachments, plus high-performance attachments to complete the widest range of projects. Slim, ergonomic body provides a 360° grip zone for comfort and control. 5-yr. mfr.'s warranty.

**Includes** rotary tool, wrench, Quick Start Book, 6' cord and case, plus accessory kit.

Stk.	Mfr.	Item	Price
<b>343133</b>	4000-2/30	30-Piece Accessory Kit	<b>WEB</b>
<b>343135</b>	4000-4/34	34-Piece Accessory Kit	<b>WEB</b>
<b>343134</b>	4000-6/50	50-Piece Accessory Kit	<b>WEB</b>



### 4300 Rotary Tool

**DREMEL** Rotary tool allows tool-less and collet-less accessory changes with the inclusion of the 3-jaw chuck. Chuck accepts all Dremel accessory shank sizes for fast and convenient accessory changes without using a wrench. Light pivots to direct illumination where needed. Slim, ergonomic body design provides a comfortable 360° grip zone. Quiet and cool running due to improved air flow. Separate on/off switch and speed control dial. Replaceable motor brushes extend tool life. Cord length 6'. Mfr.'s 2-year limited warranty.

120V, 1.8 Amps, 5,000-35,000 RPM

**Includes** rotary tool, accessory kit, pivot light, shield, sanding/grinding guide, cutting guide and garden tool sharpener.

Stk.	Mfr.	Item	Price
<b>343169</b>	4300-5/40	40-Piece Accessory Kit	<b>WEB</b>
<b>343150</b>	4300-9/64	64-Piece Accessory Kit	<b>WEB</b>



### Lite Lithium-ion Rotary Tool

**DREMEL** Dremel Lite is a user-friendly solution for a wide range of projects, making projects like sanding wood or engraving metal easy. The Lite is a handheld cordless rotary tool that features a USB-rechargeable battery. Four speed settings offer better control for different

applications, plus the lightweight design and soft grip make it easy and comfortable to use.

**Includes** 10-piece accessory kit, USB charging cable and power adaptor.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
<b>343415</b>	7760-N/10	4	4	8,000-25,000	<b>WEB</b>





### 12V Max Lithium-Ion Cordless Rotary Tool Kit

**DREMEL** VS rotary tool kit offers the most versatility of all Dremel cordless rotary tools, and its motor facilitates maximum performance at all speed levels. With the tool's ergonomic

body, you'll get a 360° grip zone for control in any position. Separate on/off switch and speed control retains speed setting for the perfect speed every time. EZ Twist™ nose cap with wrench for fast accessory changes. Cool running ball bearing construction for smooth and quiet operation. Works with all Dremel rotary tool accessories and attachments. Mfr.'s 2-yr. warranty.

**Includes** lithium-ion battery, charger, multi-purpose cutting attachment, 2 mandrels, 1/2" coarse sanding drum, four 1/2 felt polishing wheels, 4 emery polishing wheels, 1-1/4" fiberglass-reinforced cut-off wheel, polishing compound, four 1" felt polishing wheels, 1/2" sanding bands (2 ea. 60 grit, 3 ea. 120, 240 grit), multi-purpose cutting bit, aluminum oxide grinding wheel, 5/8" aluminum oxide grinding stone, wrench and micro case.

Stk.	Mfr.	Volts	Amps	Speed (rpm)	Price
<b>343867</b>	8220-1/28	12	1.5	5,000-30,000	<b>WEB</b>



### Moto-Saw™

**DREMEL** A compact and easy solution for making detailed cuts in a variety of materials including wood, plastic, laminates and metal. Portable, precision-sawing tool is easy to store, set-up and operate. Tool-free blade changes. Auto-tensioner keeps blade taut and ready to cut. Ergonomic comfort grip provides control

in any cutting position. Functions as a stationary scroll saw or remove from base to use as a portable coping-saw.

Blade 3.8"L. Stroke .31"L. Throat 9.84"D.

**Includes** fast clamp base, side cutting blade, 4 wood & plastic blades, 4 fine wood blades, metal blade, vacuum adapter & storage case.

Stk.	Mfr.	Volts	Amps	Speed	Price
<b>343545</b>	MS20-01	120	.6	1,500-2,250	<b>WEB</b>



### 8-Piece EZ Lock™ Sanding & Polishing Kit

**DREMEL**

**Includes** 1" abrasive buffs (180, 280, 320 grit), 1" abrasive brushes (36, 120 grit), polishing compound, polishing cloth, EZ Lock mandrel and molded case.

Stk.	Mfr.	Price
<b>343370</b>	EZ726-01	<b>WEB</b>



### 11-Piece Carving/Engraving Kit

**DREMEL** Specially curated kit of 11 accessories for all carving and engraving applications: grinding stones, engraving bits, diamond wheel points, and more, all in a convenient

storage case. The clear lid and lift-out tray make it easy to organize the bits, and it can easily stack, stand upright, or hang on the wall.

Stk.	Mfr.	Price
<b>343414</b>	729-01	<b>WEB</b>



### 31-Piece Grinding/Sanding Kit

**DREMEL**

**Includes** aluminum oxide grinding stones (3/8", 5/8" 1 ea.), 5/8" aluminum oxide grinding stone, silicone carbide grinding stone (3/16", 25/32" 1 ea.), 1-1/4" cut-off wheel, 3/4" 220-grit sanding disc (15), 1/2" 60-grit sanding disc, 1/2" 60-grit sanding disc (4), 1/2" 120-grit sanding disc (4), 180 grit EZ Lock finishing abrasive buff, mandrel and molded case.

Stk.	Mfr.	Price
<b>343412</b>	727-01	<b>WEB</b>



### 35-Piece General Assortment Kit

**Foredom**

**Includes** 8 aluminum oxide mounted point, 4 rubber bonded abrasive wheel, 2 rubber bonded abrasive, cotton buff, cut off disc, 2 felt buffs, grinding stone, mandrel, 4 bristle brushes, 3 mounted brushes, 3 felt bobs, 5 engraving burs and 2 rubber sanding drum mandrels.

Stk.	Mfr.	Price
<b>613902</b>	AK20	<b>WEB</b>



### 52-Piece General Purpose Kit

**DREMEL** Ideal for all rotary applications including cutting, sanding, polishing, grinding, and cleaning. Compact and reusable storage case has clear lid and lift-out tray for easy organization of included bits.

**Includes** high speed cutter, aluminum oxide grinding stone, silicon carbide grinding stone, nylon bristle brush, 1/4" felt polishing wheel (2), polishing compound, 1/2" felt-polishing wheel (2), 36 cut-off wheels, reinforced cut-off wheel, sanding drum, 2 sanding bands (60, 120-grit), 2 mandrels and molded case.

Stk.	Mfr.	Price
<b>343413</b>	730-01	<b>WEB</b>



### 75-Piece Accessory Kit

**DREMEL** Assorted bits for cutting, grinding, drilling, carving, shaping, sanding, cleaning & polishing.

**Includes** HSS 1/8" ball nose cutter, 1/8" drill bit, 3 grinding stones (25/32" silicone carbide & 2 aluminum oxide 3/8" & 5/8"), 5 sanding bands, 1/2" (120-grit & 4 of 1/2" coarse grit), 24 sanding discs, 1/2" (12 of 120-grit & 12 of coarse), 3 mandrels (1/8" screw mandrel & 2 of 1/8" shank mandrel), 22 cut-off wheels (20 heavy-duty emery 15/16", emery 1-1/4" & fiberglass reinforced 1-1/4"), 10 felt polishing wheels (6 of 1/2" & 4 of 1"), 3/4" carbon steel brush, 60-grit sanding drum & mandrel polishing compound, plastic case & instructions.

Stk.	Mfr.	Price
<b>343398</b>	707-01	<b>WEB</b>



### 88-Piece General Accessory Kit

#### Foredom

**Includes** 2 aluminum oxide mounted points, red rouge, 36 aluminum oxide sanding bands, 4 steel cutters, 6 rubber bonded abrasive wheels, cotton buff, 7 ceramic blue stone point, cut off disc, 2 felt buffs, grinding stone, 4 screw mandrels, 5 mounted brushes, 4 felt bobs, 2 cone engraving burs, 3 plated diamonds, 3 ball engraving burs, 2 rubber sanding drum mandrels, unmounted felt bob and 2 V-stone points.

Stk.	Mfr.	Price
<b>613901</b>	AK21	<b>WEB</b>



### 110-Piece All-Purpose Accessory Kit

**DREMEL** Ideal for cutting, sanding, polishing, grinding & cleaning & more.

**Includes** 26 cut-off wheels (12 of 15/16" thin-cut, 12 of 15/16" regular, 1-1/4" fiberglass-reinforced, 1-1/4" regular), 8 felt polishing wheels (4 ea. 1/4" & 4 ea. 1"), polishing compound, 4 grinding stones (2 aluminum oxide, 2 silicon carbide), 60 grit sanding band & mandrel (1/4", 1/2"), 1/2" sanding bands (6 of 60 grit, 6 of 120 grit), 1/4" sanding bands (5 of 120 grit), 3/4" sanding discs (4 of 180 grit, 13 of 220 grit, 13 of 240 grit), high speed cutter, 2 mandrels, screw mandrel, dressing stone & wrench.

Stk.	Mfr.	Price
<b>343401</b>	709-02	<b>WEB</b>



### 160-Piece Super Accessory Kit

**DREMEL** Versatile kit for cutting, grinding, sanding, polishing, drilling, sharpening, cleaning & more.

**Includes** 1/8" ball nose cutter, 2 cut-off wheels (1-1/4" & 1-1/2" reinforced), 2 cutting wheels, 1-1/2" (thin cut & plastic cut), 2 grinding stones (5/8" aluminum oxide, 9/32" silicon carbide), 30 sanding bands 1/4" (15 ea. of 60 & 120 grit), 30 sanding bands 1/2" (15 ea. of 60 & 120 grit), 1/4" sanding band w/mandrel (60-grit), 72 sanding discs, 3/4" (24 ea. of 180, 220 & 240 grit), 3/4" carbon steel brush, 9 felt polishing wheels (5 of 1/2" & 4 of 1"), EZ-lock polishing cloth, 4 mandrels, 1/8" (EZ-lock, shank & 2 of screw), polishing compound, 1/2" sanding drum w/mandrel (60-grit), collet wrench, 3 abrasive buffs (180, 280 & 320 grit), plus plastic case & instructions.

Stk.	Mfr.	Price
<b>343411</b>	710-08	<b>WEB</b>



### Multi-Vise™ Tool Holder

**DREMEL** Secure your project or free up a hand for extra control when using a rotary tool. Removable cushioned jaws protect delicate workpiece & provide a firm, steady grip. Rotates 360°/tilts 50°. Clamps to any work surface up to 2-1/2" T. Turns rotary tool into a stationary sander, grinder or polisher.

Removable clamping jaws create a stand-alone bar clamp.

Stk.	Mfr.	Price
<b>343700</b>	2500-01	<b>WEB</b>



### Drill Press Stand

**DREMEL** Drill press, tool holder & flexible shaft holder. Drills perpendicular & angled holes in 15° increments (up to 90° horz.). Holds tool in place for sanding & buffing applications (& holds at 90° horz. for polishing metal, sanding & grinding metal pieces). Telescoping flex shaft holder extends from 16" to 29". On-board tool storage. Cord management clips. 56 sq./in. metal base w/4 clamping points.

**Includes** WorkStation attachment, mounting wrench & instructions.

**Shown w/Rotary Tool, sold separately.**

Stk.	Mfr.	Price
<b>342892</b>	220-01	<b>WEB</b>



### Flex-shaft Attachment

**DREMEL** Attaches to Rotary Tools 100, 200, 275, 285, 300, 395, 398, 400, 780, 800, 4000 & 8200. 36" cable. Use to carve, sand, polish, clean, engrave & cut.

Stk.	Mfr.	Price
<b>342930</b>	225-02	<b>WEB</b>



### Plunge Router Attachment

**DREMEL** For use w/models 275, 285, 395, 398, 400 Series XPR. Transforms corded Rotary Tool into a plunge router for edging, grooving & freehand routing. Features a plunge lock-in handle & 2 depth stops w/quick release for fast & easy adjustments. Clear base, depth guide & on-board storage.

**Includes** edge & circle cutting guides.

**Shown w/Rotary Tool, sold separately.**

Stk.	Mfr.	Price
<b>343123</b>	335-01	<b>WEB</b>



### Right Angle Attachment

**DREMEL** For getting into tight areas, grinding rust off cars or snowblowers, or polishing an engine cylinder. Easy to attach w/out tools in place of housing cap. Small, durable design for long-lasting, versatile use.

- Ball bearings & spiral bevel gears provide smooth, cool operation
- Coupling system provides 12 different positions

Stk.	Mfr.	Price
<b>343300</b>	575	<b>WEB</b>



### Router/Shaper Table

**DREMEL** Converts corded Rotary Tool into a bench-mounted wood shaper for slotting, grooving, sanding and trimming edges.

**Includes** adjustable fence and 8" x 6" worktable.

Stk.	Mfr.	Price
<b>342937</b>	231	<b>WEB</b>



### MultiPro® Chuck

**DREMEL** Use to quickly & easily change accessories on Dremel's MultiPro Rotary Tool w/out having to change collets (use w/corded MultiPro Rotary Tool only).

Stk.	Mfr.	Price
<b>343850</b>	4486	<b>WEB</b>



### Rotary Tool Collets

#### DREMEL

Use for:

- Rotary Tools 245, 250, Series 3 & later
- 260, 270, 280, Series 2 & later

• 275, 285, 370, 380, 395, 850 Freewheeler & Mini Lite 750

• Rotary Flex Tools 232 & 332

• Chainsaver tools 241, 246, 277 & 8504

• 225 & 90199 flexible shaft attachments

Stk.	Mfr.	Size	Price
<b>343183</b>	483	1/32" Dia.	<b>WEB</b>
<b>343182</b>	482	1/16" Dia.	<b>WEB</b>
<b>343181</b>	481	3/32" Dia.	<b>WEB</b>
<b>343180</b>	480	1/8" Dia.	<b>WEB</b>



### Screw Mandrel

**DREMEL** Use w/all cutting wheels, sanding discs & polishing wheels.

Stk.	Mfr.	Shank	Price
<b>343139</b>	402	1/8"	<b>WEB</b>



### Carbon Steel Brushes

**DREMEL** Versatile brush for removing rust and corrosion, polish metal surfaces. Deburr and blend surface junctures, clean electrical components.

Stk.	Mfr.	Size	Shank	Qty.	Price
<b>343143</b>	428-02	3/4" dia.	1/8"	2	<b>WEB</b>



### Shaping Wheel

**DREMEL** Carbide-coated wheel quickly & efficiently removes material. Easily creates compound curves. Use on woods, fiberglass, laminates, plastic, leather & Styrofoam® (not metal).

Stk.	Mfr.	Shank	Price
<b>343008</b>	801	1/8"	<b>WEB</b>

344100



344102



344104



344108



344110



### Tungsten Carbide Cutters

**DREMEL** Outlast high speed cutters many times over.

Stk.	Mfr.	Size	Shank	Description	Price
<b>344100</b>	9901	1/8" dia.	1/8"	Square end	<b>WEB</b>
<b>344101</b>	9902	3/32" dia.	1/8"	Square end	<b>WEB</b>
<b>344102</b>	9903	1/8" dia.	1/8"	Round nose	<b>WEB</b>
<b>344103</b>	9904	3/32" dia.	1/8"	Round nose	<b>WEB</b>
<b>344104</b>	9905	1/8" dia.	1/8"	Ball nose	<b>WEB</b>
<b>344105</b>	9906	1/8" dia.	1/8"	Ball nose	<b>WEB</b>
<b>344108</b>	9909	1/8" dia.	1/8"	Taper point	<b>WEB</b>
<b>344109</b>	9910	1/8" dia.	1/8"	Taper point	<b>WEB</b>
<b>344110</b>	9911	1/8" dia.	1/8"	Cone point	<b>WEB</b>

343422



343429



343430



343435



343444



### Grinding Stones

**DREMEL** Made of aluminum oxide for sharpening, deburring & general-purpose use. Mounted.

Stk.	Mfr.	Size	Shank	Price
<b>343422</b>	911	7/16" dia.	1/8"	<b>WEB</b>
<b>343429</b>	932	3/8" dia. Flat Top	1/8"	<b>WEB</b>
<b>343430</b>	945	3/16" dia.	1/8"	<b>WEB</b>
<b>343435</b>	952	3/8" dia. Round Top	1/8"	<b>WEB</b>
<b>343444</b>	971	5/8" dia.	1/8"	<b>WEB</b>

342800



342882



342825



342823



342830



### High Speed Cutters

**DREMEL** Made of high-quality steel. Can be used for shaping & hollowing most metals, plastics & woods.

342843



342854



342879



342883



342891



Stk.	Mfr.	Size	Shank	Description	Qty.	Price
<b>342800</b>	100	1/4" dia.	1/8"	Ball Nose	1	<b>WEB</b>
<b>342818</b>	114	5/16" dia.	1/8"	Ball Nose	1	<b>WEB</b>
<b>342882</b>	193	5/64" dia.	1/8"	Square Nose	1	<b>WEB</b>
<b>342886</b>	194	1/8" dia.	1/8"	Square Nose	2	<b>WEB</b>
<b>342893</b>	196	7/32" dia.	1/8"	Square Nose	2	<b>WEB</b>
<b>342820</b>	116	1/4" dia.	1/8"	Square Nose	1	<b>WEB</b>
<b>342821</b>	115	5/16" dia.	1/8"	Square Nose	2	<b>WEB</b>
<b>342825</b>	117	1/4" dia.	1/8"	Round Nose	2	<b>WEB</b>
<b>342823</b>	118	1/8" dia.	1/8"	Taper Point	1	<b>WEB</b>
<b>342835</b>	125	1/4" dia.	1/8"	Taper Point	2	<b>WEB</b>
<b>342830</b>	121	1/4" dia.	1/8"	Cone Nose	1	<b>WEB</b>
<b>342833</b>	124	5/16" dia.	1/8"	Cone Nose	1	<b>WEB</b>
<b>342843</b>	134	5/16" dia.	1/8"	Cup	1	<b>WEB</b>
<b>342854</b>	144	5/16" dia.	1/8"	Dual	1	<b>WEB</b>
<b>342879</b>	190	3/32" dia.	1/8"	Ball Nose	1	<b>WEB</b>
<b>342880</b>	191	1/8" dia.	1/8"	Ball Nose	1	<b>WEB</b>
<b>342883</b>	192	3/16" dia.	1/8"	Ball Nose	2	<b>WEB</b>
<b>342891</b>	199	3/8" dia.	1/8"	Cutter	1	<b>WEB</b>



## Rotary Tool Cut-off Wheels DREMEL

**Emery Wheel** For slicing & cutting off metal & plastic. Fits Mandrel No. 402.

Stk.	Mfr.	Size	Qty.	Price
<b>343152</b>	409	15/16" dia.	36	<b>WEB</b>

**Heavy-duty Cut-off Wheel** Fits Mandrel No. 402.

Stk.	Mfr.	Size	Qty.	Price
<b>343159</b>	420	15/16" dia.	20	<b>WEB</b>

**Fiberglass Wheel** Fits Mandrel No. 402.

Stk.	Mfr.	Size	Qty.	Price
<b>343166</b>	426	1-1/4" dia.	5	<b>WEB</b>



## Sanding Bands

**DREMEL** For sanding wood, fiberglass & plastics.

**Drum w/Mandrel**

Stk.	Mfr.	Size	Shank	Qty.	Price
<b>343148</b>	407		1/8"	1	<b>WEB</b>

**Sanding Band**

Stk.	Mfr.	Size	Shank	Qty.	Price
<b>343151</b>	408	1/2" band, 60 grit	1/8"	6	<b>WEB</b>
<b>343165</b>	432	1/2" band, 120 grit	1/8"	6	<b>WEB</b>

## ENGRAVERS



### Electric Engraver Kit

**DREMEL** Writes like a pencil on any material from glass to steel. Calibrated stroke adjustment dial regulates depth of engraving from fine lines to deep marks.

**Includes** carbide point and letter/number template.

Stk.	Mfr.	Price
<b>343080</b>	290-02	<b>WEB</b>



### Engraver Replacement Point

**DREMEL** For Electric Engraver Models 290-01 and 290-02.

Stk.	Mfr.	Item	Qty.	Price
<b>344120</b>	9924	Carbide	1	<b>WEB</b>
<b>344125</b>	9929	Diamond	1	<b>WEB</b>



### Cordless Power Precision Engraver

**General** Powerful 20,000 RPM motor for engraving in glass, metal, ceramic and plastic. Aluminum body offers superior durability and the ergonomic grip provides comfort and ease-of-use. Uses standard 3/32" engraving bit.

**Includes** 2 AAA batteries.

Stk.	Mfr.	Price
<b>418500</b>	505	<b>WEB</b>

## MAGNIFYING TOOLS



### 5" LED Magnifier Lamp

**Pro-Elec** The powerful 1.75x magnification lens allows you to work on small parts with precision; read any finely printed text; and look at intricate details of objects, thanks to the sixty 6500K LED lights.

Stk.	Mfr.	Price
<b>533319</b>	PEL00797	<b>WEB</b>



### UltraTech Glass Magnifier

**General** Magnifier features polished, optical glass lens, precision ground for a distortion-free finish. Sturdy metal frame for field work or in confined, obstructed spaces. Versa-Grip comfort handle.

Stk.	Mfr.	Dia.	Price
<b>419821</b>	750542	3"	<b>WEB</b>



### Helping Hands with Magnifying Glass

**Elenco** Adjustable arms hold objects in any position. Arms span up to 7-1/2"T and 5-1/2"W. Magnifying glass is 2-1/2"W.

Stk.	Mfr.	Price
<b>390311</b>	HH-55	<b>WEB</b>



### LED Helping Hands Magnifier

**Performance Tool** Frees hands for detail work. Dual magnifiers with LEDs provide additional light. Adjustable clamps and ball joint swivel arm with heavy-duty cast iron base.

**Includes** 3 AAA batteries.

Stk.	Mfr.	Price
<b>976560</b>	W2004	<b>WEB</b>



### Headband Visor Magnifier Binocular Loupe

**Electro-Optix** Headband magnifier leaves both hands free for working. Fully adjustable to fit any size quickly and easily. 2.5x lens provides a versatile and comfortable working distance of 8". Ideal for many work and inspection applications. Can be worn over glasses.

Stk.	Mfr.	Price
<b>196800</b>	HVM-4	<b>WEB</b>

## PAPERS & BOARDS

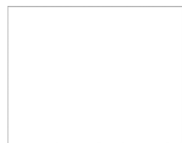


### Poster Board

**Royal** Excellent board with ink, poster colors and markers. Use for construction work, mats and art projects. Same color on both sides. Heavy 4-ply thick board. White color.

Stk.	Mfr.	Size	Qty.	Price
<b>684020</b>	24301	22" x 28"	1	<b>WEB</b>





### White Railroad Board

**Pacon** Great for construction, art projects, mats, mounting, block printing, painting, markers, stenciling and posters. Brilliantly colored on both sides with a smooth uniform finish.

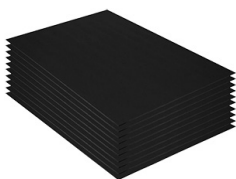
Stk.	Mfr.	Size	Qty.	Price
<b>620520</b>	PI04159	22" x 28"	25	<b>WEB</b>



### White Foam Board

**Pacon** Polystyrene extruded foam laminated between two sheets of paper to form a lightweight but strong and rigid surface. Ideal for crafts, school projects, framing, mounting, displays, posters and exhibits. Easy-to-cut sheets have a smooth surface, and accept a wide range of media including paints. Acid free.

Stk.	Mfr.	Size	Qty.	Price
<b>620590</b>	P5540	15" x 20" x 3/16"	5	<b>WEB</b>
<b>620610</b>	PCAR92006	20" x 30" x 3/16"	25	<b>WEB</b>



### Black Foam Board

**Pacon** Each sheet has a piece of black polystyrene extruded foam that's been laminated between two pieces of black paper. Acid-free sheets are easy to cut at 3/16" thick and have a smooth surface that accepts a variety of mediums including paint.

Stk.	Mfr.	Size	Qty.	Price
<b>620579</b>	P5511	20" x 30" x 3/16"	10	<b>WEB</b>



### EVA Foam Sheet

**Sixam** EVA (ethylene-vinyl acetate) foam is perfect for costuming and prop creations. EVA is a firm, high-density foam that is softer than standard polyethylene foams. It is easy to cut, form and bond. Gray.

Stk.	Mfr.	Size	Qty.	Price
<b>196801</b>	EVA3MM	3mm x 13" x 39"	1	<b>WEB</b>
<b>196802</b>	EVA5MM	5mm x 13" x 39"	1	<b>WEB</b>
<b>196803</b>	EVA10MM	10mm x 13" x 39"	1	<b>WEB</b>

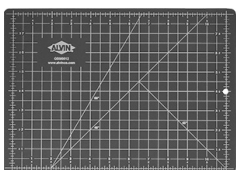
## CUTTING TOOLS



### L-Square Ruler

**Zona** Ruler made from .022" T stainless steel with 1/32" measuring intervals and metric equivalents on the back.

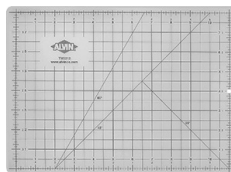
Stk.	Mfr.	Size	Qty.	Price
<b>613870</b>	37-434	3" x 4"	1	<b>WEB</b>



### Reversible Cutting Mat

**Alvin** Green on one side, black on the other, with both sides gridded. This durable, self-healing, reversible cutting mat is 3 millimeters thick. Not just for cutting; it can also be used as a desk blotter or general-purpose work mat. Guidelines for 45° 60° angles and 0.5" grid lines.

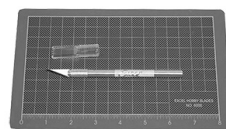
Stk.	Mfr.	Size	Price
<b>196006</b>	GBM0812	8-1/2" x 12"	<b>WEB</b>
<b>196010</b>	GBM1218	12" x 18"	<b>WEB</b>
<b>196011</b>	GBM1824	18" x 24"	<b>WEB</b>
<b>196012</b>	GBM2436	24" x 36"	<b>WEB</b>



### Transparent Cutting Mat

**Alvin** 3 mm translucent cutting mat has printed grid on one side and is fully graduated on all four edges in 1/8". Made from composite vinyl material, it's self-healing, reversible, and extra durable. Provides a long-lasting, non-glare, non-stick surface that resists abrasions and liquid spills, and can be cut and slashed with rotary blades and straight utility blades constantly without showing marks or cutting lines.

Stk.	Mfr.	Size	Price
<b>196280</b>	TM2212	8-1/2" x 12"	<b>WEB</b>
<b>196281</b>	TM2218	12" x 18"	<b>WEB</b>
<b>196282</b>	TM2224	18" x 24"	<b>WEB</b>
<b>196283</b>	TM2236	24" x 36"	<b>WEB</b>



### Precision Cutting Mat and Knife Set

**Excel** The ultimate beginner's set for any artist. Each set comes with a 5-1/2" x 9-1/2" phthalate-free PVC cutting mat with a clear 1" grid pattern and an Excel K1 aluminum knife with a #11 blade and safety cap.

**Includes** knife and cutting mat.

Stk.	Mfr.	Size	Price
<b>391600</b>	90003	5-1/2" x 9-1/2"	<b>WEB</b>

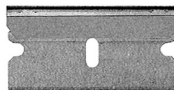


### Cutting Mat and Knife

**X-Acto** Portable cutting solution. Protects work surface from nicks and cuts of blades and cutting tools.

**Includes** a #1 knife and cutting mat.

Stk.	Mfr.	Size	Price
<b>476988</b>	X7768	4" x 7-1/2"	<b>WEB</b>



### Single Edge Razor Blades

**Master Mechanic** Fits all standard razor blade tools. Made of high-carbon surgical steel. Each blade is protected in shelling paper.

Stk.	Mfr.	Qty.	Price
<b>943279</b>	741330	10	<b>WEB</b>
<b>942846</b>	521013	100	<b>WEB</b>



### SpeedFeed™ Heavy-Duty Snap-off Knife

**Great Neck** For cutting tile, rope, cardboard, linoleum, wire, tape, plastics, nylon and more.

End of blade snaps off easily to provide a new cutting edge each time. Rubberized ergonomic grip.

**Includes** 6 heavy-duty snap-off blades (5 stored in the handle).

Stk.	Mfr.	Item	Handle	Qty.	Price
<b>281250</b>	80026		6-1/2"L		<b>WEB</b>
<b>281156</b>	5BLBK	Replacement Blades		5	<b>WEB</b>



### K10 Snap-Off Knife

**Excel** Ensure light-duty classroom tasks and projects are handled with ease by using this economical knife. When the blade gets dull, simply snap off the tip to reveal a new sharp blade!

**Includes** snap-off blade.

Stk.	Mfr.	Length	Price
<b>391409</b>	16010	5" handle	<b>WEB</b>



### K30 Rite-Cut Knife

**Excel** K30 Knife features a hexagonal body with aluminum chuck for secure blade positioning and stabilization. Use to cut any lightweight crafting supplies. Compatible with Excel blades #5, 6, 10, 11, 12, 13, 16, 17, 17A and 21. Made in the USA.

**Includes** handle, cap and #11 blade.

Stk.	Mfr.	Handle	Price
<a href="#">391429</a>	I6034	4-3/4", Black plastic	<b>WEB</b>
<a href="#">391430</a>	I6035	4-3/4", Red plastic	<b>WEB</b>
<a href="#">391431</a>	I6036	4-3/4", Blue plastic	<b>WEB</b>



### K1 Aluminum Hobby Knife

**Excel** A special screw gives the blade extra security and stabilization. Use on paper, cardstock, stencils, film, photographs, tape, plastic, wood, cloth, leather, cardboard, Cricut, cork, vinyl, foam boards and most other lightweight crafting materials. Supplied with safety cap and #11 blade. 4-3/4" handle.

Stk.	Mfr.	Item	Price
<a href="#">391400</a>	I6001	Knife with 1 Blade	<b>WEB</b>
<a href="#">391350</a>	I5001	Knife with 5 Blades	<b>WEB</b>



### K10 Snap-Off Blades

**Excel** Snap-off blades make every light-duty classroom task and project easier. When the blade gets dull, simply snap off the tip and you have a new sharp blade! With 13 snap-off points, you'll have a fresh blade ready to go at all times! Blades are coated with a thin layer of oil to provide rust protection.

**Includes** five 13-point blades.

Stk.	Mfr.	Qty.	Price
<a href="#">391491</a>	20003	5	<b>WEB</b>



### Axent Knife

**X-Acto** Identical to the classic X-Acto #1 knife but with a flair of color to inspire all your creative endeavors. Supplied with No. 11 blade.

Stk.	Mfr.	Handle	Price
<a href="#">477561</a>	X3036	4-7/8" Red Aluminum	<b>WEB</b>
<a href="#">477562</a>	X3037	4-7/8" Blue Aluminum	<b>WEB</b>



### Retract-A-Blade Knife

**X-Acto** Fully retractable knife. Easy blade changes. Soft, triangle shape comfort grip provides for control and keeps the knife from rolling off work surface. Perfect for delicate, precision cutting and trimming of paper, plastic, balsa, thin metal, cloth and film. Supplied with No. 11 blade.

Stk.	Mfr.	Price
<a href="#">477584</a>	X3204	<b>WEB</b>



### K4 Swivel Knife

**Excel** Textured grip handle gives you maximum control, movement, and balance. Use for cutting circles and creating curved lines in paper, foam, vinyl, plastic, wood, cloth, film, polymer clay, cork, clay carving and pumpkin carving.

**Includes** K4 aluminum handle and #64 swivel blade.

Stk.	Mfr.	Handle	Price
<a href="#">391403</a>	I6004	4-3/4" aluminum	<b>WEB</b>

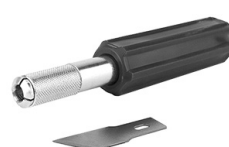


### K2 Medium-Duty Knife

**Excel** Has a 4 jaw aluminum chuck for extra blade security and stabilization. Use on paper, cardstock, stencils, film, photographs, tape, plastic, wood, cloth, leather, cardboard, cork, vinyl, foam boards and more. Compatible with Excel #2, #18, #19, #19A, #22, #23, #24, #26, #27 and #28 blades, and 20710, 20720, 20730 and 20740 routers.

**Includes** K2 aluminum handle, #24 blade and safety cap.

Stk.	Mfr.	Handle	Price
<a href="#">391401</a>	I6002	4-3/4" Aluminum	<b>WEB</b>



### #5 Heavy Duty Knife

**Excel** The plastic hexagonal handle of this #5 heavy-duty knife is equipped with a durable thick machined aluminum shaft and includes 4-jaw aluminum chuck for more secure blade positioning.

**Includes** K5 plastic handle and #19 blade.

Stk.	Mfr.	Handle	Price
<a href="#">391404</a>	I6005	4-3/4" Plastic	<b>WEB</b>



### K18 Grip-On Knife

**Excel** K18 Knife features a cushion grip with special screw for secure blade positioning and stabilization. Use for precision paper cutting, trimming card-stock and rubber, and stripping of paper. Compatible with Excel blades #5, 6, 10, 11, 12, 13, 16, 17, 17A and 21. Made in the USA.

Stk.	Mfr.	Handle	Price
<a href="#">391414</a>	I6019	5", Cushion, Black	<b>WEB</b>
<a href="#">391415</a>	I6020	5", Cushion, Blue	<b>WEB</b>



### X3000 Knife

**X-Acto** Rubberized comfort grip has anti-roll design. Built-in storage hold 5 blades. Supplied with 3 No. 11 blades and safety cap.

Stk.	Mfr.	Price
<a href="#">477622</a>	X3730Q	<b>WEB</b>



### No. 1 Knife Set

**X-Acto** Ideal for light-duty hobby, craft and graphic arts projects.

**Includes** #1 knife with two #11s and 1 ea. #10, #16, #17 blades.

Stk.	Mfr.	Price
<a href="#">477670</a>	X5211	<b>WEB</b>



### Basic Hobby Knife Set

**Excel** This basic knife set is a necessity to artists of all levels. The knife handles house a 4-jaw aluminum chuck so there's a more secure positioning and hold than standard, light-duty knives. The safety cap fits snugly, is shatter resistant, and twists to lock so it will protect the blade during storage.

**Includes** craft knife, hobby knife and 10 assorted blades.

Stk.	Mfr.	Price
<a href="#">391450</a>	I9062	<b>WEB</b>



### Hobby Knife Set, 13-Piece

**Excel** Ideal for precision cutting, trimming, and stripping of wood, cardboard, paper, plastic, cloth, film, foam, and more. Handles house a 4-jaw aluminum chuck for a more secure blade positioning and hold than your standard light-duty knife. A snug-fitting and shatter resistant

safety cap has a twist lock to protect the blade during storage.

**Includes** 3 knives (K1, K2, K5), 13 blades (#2, 10, 11, 16, 17, 18, 19, 22, 24) and wooden storage case with clasp.

Stk.	Mfr.	Price
<b>391560</b>	44382	<b>WEB</b>



### 15-Piece Hobby Knife Set

**Performance Tool** Set features ergonomic handle with 14 precision hobby blades for various projects.

**Includes** knife, 14 blades and case.

Stk.	Mfr.	Price
<b>976580</b>	W9170	<b>WEB</b>



### Precision Hobby Knife Set

**General** Ergonomic design reduces user fatigue and enables more precise, more powerful cuts on a myriad of materials from paper, cardboard and wood to plastics, leather, sheeting and more.

**Includes** medium-duty precision knife handle, heavy-duty knife handle, 16 assorted interchangeable blades (3 #20

short bevel, 3 #23 long bevel, 3 #11 sharp angle, 4 #11 bevel angle, 3 #27 long angle) and storage case.

Stk.	Mfr.	Price
<b>419830</b>	95618	<b>WEB</b>



### Deluxe Hobby Knife and Tool Set

**Excel** Knife handles have a 4-jaw aluminum chuck so they're more secure for blade positioning and holding than the standard light-duty knife. They also have a snug-fitting and shatter-resistant safety cap with a twist lock to protect the blade during storage. The entire

collection is housed in a simple yet stunning wooden case with a clasp lock to truly protect your tools for years.

**Includes** 4 knives, miter box, 2 screwdrivers, sanding block, razor saw, 4 assorted gouges, 2 assorted routers, whittling blade, needle point awl and 6 additional blades.

Stk.	Mfr.	Price
<b>391555</b>	44286	<b>WEB</b>



### Hobby Knife Holder With Blade Dispenser

**Excel** Keep your knife and blades conveniently located. Each unit contains a reversible foam knife holder, 15 extra #11 blades in a dispenser, and a light-duty utility knife handle.

**Includes** foamed knife holder, K1 knife and fifteen #11 blades in a dispenser.

Stk.	Mfr.	Price
<b>391530</b>	23111	<b>WEB</b>



### Hobby Knife Woodworking Set

**Excel** Ideal for art students of all levels, this collection includes high quality knife handles with a 4 jaw aluminum chuck. This gives a more secure blade positioning and hold. A snug-fitting, twist-lock, shatter-resistant safety cap protects the blade during storage. All pieces are

kept safe within the wooden case which has a clasp lock.

**Includes** K5 knife, blades, gouges, routers.

Stk.	Mfr.	Price
<b>391562</b>	44384	<b>WEB</b>



### #2 Replacement Blades

**Excel** Carbon steel #2 sharp edge replacement

blades are perfect for cutting and trimming thicker materials such as matte board, linoleum, foam core, plastic, cardboard, plaster cast, cork, metal, stone, wood, balsa wood, rubber, wax, clay and more. Highly versatile, this replacement blade fits with all standard medium- to heavy-duty craft knives.

Stk.	Mfr.	Qty.	Price
<b>391490</b>	20002	5	<b>WEB</b>



### #10 Replacement Blades

**Excel** Made from carbon steel and have a razor-sharp, curved edge for added maneuverability. Large chisel blade provides ultimate precision for more skilled cuts. Coated in a thin layer of oil to prevent rust. Fits with all standard light-duty knives. Cut board, linoleum, foam core, plastic, cardboard, plaster cast, cork, metal, stone, wood, balsa wood, rubber, wax, clay and more.

Stk.	Mfr.	Qty.	Price
<b>391495</b>	20010	5	<b>WEB</b>



### #11 Hobby Knife Blades

**Excel** Made from carbon steel and double honed

for strength and flexibility to resist breaking. Fits with all standard light- and medium-duty knives. Cut paper cardstock, stencils, film, photographs, tape, plastic, cork, wood, vinyl, cloth, leather, cardboard, foam board, and more. Best for model making, paper cutting, cake decorating, Cricut vinyl cutting and polymer clay, harpsichord.

Stk.	Mfr.	Qty.	Price
<b>391496</b>	20011	5	<b>WEB</b>
<b>391520</b>	22611	100	<b>WEB</b>



### No. 11 Z-Series Replacement Blades

**X-Acto** Zirconium nitride coating adds strength to blade and tip.

Stk.	Mfr.	Qty.	Price
<b>476816</b>	XZ211W	5	<b>WEB</b>
<b>476941</b>	XZ611	100	<b>WEB</b>



### #19 Replacement Blades

**Excel** Made from carbon steel, they're ideal for angled chiseling, shaving, cutting, and trimming. The 1" sharp edge allows for ultimate precision in heavy chiseling and shaping, while angled edge is best for skilled cuts. Fits with all standard medium- and heavy-duty craft knives.

Stk.	Mfr.	Qty.	Price
<b>391497</b>	20019	5	<b>WEB</b>

### #24 Replacement Blades



**Excel** Made from carbon steel, this blade has a 3/4" angled edge that is sharper than other blades. Fits with all medium-duty K2, K5 and K6 knife handles. Best used for deburring, cutting, shaping and stripping from paper, cardstock, stencils, film, photos, tape, plastic, cork, wood, cloth, wax, leather, gaskets, linoleum, cardboard, foam board, and many other medium- to heavy-duty craft materials.

Stk.	Mfr.	Qty.	Price
<b>391498</b>	20024	5	<b>WEB</b>
<b>391525</b>	22624	100	<b>WEB</b>

### Swivel Replacement Blade



**Excel** Designed for the K4 knife, these are perfect for precision cutting, trimming and stripping of film, paper, foam-core, plastic, wood, cloth, model making, clay and pumpkin carving, stencils, decals, and more.

Stk.	Mfr.	Qty.	Price
<b>391500</b>	20064	2	<b>WEB</b>

### Assortment Replacement Blades



**X-Acto** For cutting, scoring and chiseling. Use on paper, balsa and cardboard. Contains #10, 16, 17 and two #11 blades.

Stk.	Mfr.	Qty.	Price
<b>476891</b>	X231	5	<b>WEB</b>

## RAZOR SAWS & MITER BOXES



### Ultra Thin Razor Saws

**Zona** Ultra-thin blade for super fine cuts in wood, soft metals and plastic without splitting or ragged edges. Shorter cutting depth and steel back for blade stability.

Stk.	Mfr.	Blade	TPI	Thickness	Price
<b>613841</b>	35-150	4-1/2"	42	.008"	<b>WEB</b>
<b>613839</b>	35-050	4-1/2"	52	.008"	<b>WEB</b>



### Razor Saw & Aluminum Miter Box Set

**Zona** Great for model and miniature making. Use for smooth, extra-fine cuts in balsa and other wood, plastic, copper or brass.

Stk.	Mfr.	Item	Price
<b>613842</b>	35-550	Saw 6-1/2"L x .010"T, 42TPI	<b>WEB</b>
<b>613846</b>	37-240	Miter Box	<b>WEB</b>
<b>613843</b>	35-241	Saw & Miter Box	<b>WEB</b>



### Hobby Tool Kit

**Zona** Kit includes mini miter box and ultra-thin kerf 32 TPI razor saw for cutting square ends, perfect splices and mitered corners in materials 1/4"T or less. Also comes with swivel head pin vise, curved point tweezers, retractable knife with 6 hobby blades and 3" x 4" L-square.

Stk.	Mfr.	Price
<b>613869</b>	38-700	<b>WEB</b>

### Flexible Blade Razor Saw



**Zona** Slice through dowels, pegs and plugs that are cut off flush without marring work surface. Flexible blade saw teeth have no set. Cuts on the pull stroke and can be used for cutting through tenons and excess trim in joinery and in hard-to-reach spots.

Stk.	Mfr.	Blade	TPI	Price
<b>613845</b>	35-400	6-1/2"	16	<b>WEB</b>



### 4-in-1 Razor Saw Set

**Zona** Four interchangeable blade set is great for modelers and craft makers for fine cutting of soft and hard wood, soft metals, plastics, brass and copper without splitting or ragged edges. Saws have shorter cutting depth plus steel backs for greater blade stability.

Razor Saw 5-1/2" blade, 32 TPI, .010"T Razor Saw 4-1/2" blade, 52 TPI, .008"T Saber Saw 4-1/2" blade, 24 TPI, .022"T Keyhole (push) 2-1/4" blade, 24 TPI, .022"T

Stk.	Mfr.	Price
<b>613840</b>	35-140	<b>WEB</b>



### Razor Saw 3-Piece Set

**Excel** Razor saw fits K2 and K6 Excel handles. Used for cutting wood, soft metals, plastic. Made in the USA.

**Includes** heavy duty K5 hobby knife handle and two 5" steel pull saw blades.

Stk.	Mfr.	Price
<b>391585</b>	55670	<b>WEB</b>

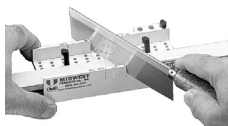


### Miter Box With Saw

**Excel** Get precise cuts at 45° and 90° through wood, plastic, metal and more. Engineered with high-quality aluminum and steel, this miter box set is strong and durable for your woodworking classroom.

**Includes** hobby saw with 46 TPI blade and 6" miter box.

Stk.	Mfr.	Price
<b>391581</b>	55666	<b>WEB</b>



### Easy Miter Box w/Saw

**Midwest Products** Keep cutting material firmly in place with 3 unique cam clamps and work bench lip. Easily cut material up to 2" wide and 1/2" thick at 45°, 22-1/2°, 30° and 60° angles.

Stk.	Mfr.	TPI	Price
<b>536322</b>	1136	32	<b>WEB</b>

## WOOD BURNING IRONS



### 15-Piece Woodburning Kit

**Weller** Everything students need to begin woodburning. The iron's shorter barrel reduces the tip-to-grip distance for improved accuracy and precision.

**Includes** iron and tips.

Stk.	Mfr.	Price
<b>309884</b>	WL1BK2512A	<b>WEB</b>





### Woodburning Kit

**Weller** Includes everything students need to begin their woodburning journey. Shorter barrel reduces tip-to-grip distance for improved accuracy and precision. Stay-cool handle

deflects heat away from hand. Easily replace worn tips or change tip applications.

**Includes** 6 tips.

Stk.	Mfr.	Price
<b>309881</b>	WLIWBK1512A	<b>WEB</b>



### VersaFlame™ Butane Torch

**Dremel** Use the butane micro torch for wood burning, leather crafting, stencil cutting, soldering, or hot-knife cutting of foam, plastics and rope. Integrated ignition button for easy startup, no tool required. Variable temperature and flame control for versatile use in torch or

flame mode. Detachable base for hands-free operation. Filling valve for quick recharge. Mfr.'s 2-yr. warranty.

**Includes** blower, deflector, flame diffuser, soldering tip, solder, sponge, tin, wrench, storage case and manual. **Butane not included.**

Stk.	Mfr.	Price
<b>343530</b>	2200-01	<b>WEB</b>



### VersaTip™ Precision Butane Torch

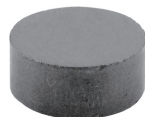
**DREMEL** The ideal soldering torch for creative and detailed projects that require precision and versatility. Fueled by butane, VersaTip offers cordless convenience combined with portability. Offers 7-in-1 capability, including soldering, melting, hot cutting, welding, shrinking, pyrography, and paint removal. Flame control slider lets you select the right temperature for your project.

**Includes** 12 pieces, protective cap and metal case.

**Butane not included.**

Stk.	Mfr.	Price
<b>343490</b>	2000-01	<b>WEB</b>

## MAGNETS



### Ceramic Disc Magnet Set

**Master Magnetics** Also known as ferrite magnets, these powerful discs are made from the highest grade ceramic material available giving them unbeatable pull strength. Ideal for crafters and teachers. Attach to photo frames, calendars, schedules and more. Display on ferrous metal surfaces.

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>943193</b>	07003	3/4" dia. x 3/16"T	8	<b>WEB</b>



### Neodymium Disc Magnet Set

**Master Magnetics** Powerhouse magnetic discs are small, but great for projects that require extreme strength. Magnets can chip if dropped.

Stk.	Mfr.	Size	Qty./Pkg.	Price
<b>943194</b>	07046	.472" dia. x 0.118"T each	6	<b>WEB</b>
<b>943195</b>	07047	.709" dia. x 0.118"T each	3	<b>WEB</b>

## MARKERS & PENCILS



### Sharpie® Ultra Fine Point Marker

**Sharpie** Quick-drying, permanent marker for the most hard-to-mark surfaces. Precise, narrowed tip for extreme control. Fade and water resistant. Nontoxic.

Stk.	Mfr.	Color	Qty.	Price
<b>452768</b>	37101PP	Black	1	<b>WEB</b>



### Sharpie® Fine Point Marker

**Sharpie** Quick-drying, permanent marker for the most hard-to-mark surfaces. Durable fine point tip produces thinner, detailed lines. Fade and water resistant. Nontoxic.

Stk.	Mfr.	Color	Qty.	Price
<b>452770</b>	30101PP	Black	1	<b>WEB</b>
<b>452771</b>	30102PP	Red	1	<b>WEB</b>
<b>452772</b>	30003	Blue	1	<b>WEB</b>
<b>452774</b>	39108PP	Silver Metallic	2	<b>WEB</b>



### Sharpie® Fine Point Marker Set

**Sharpie** Quick-drying, permanent marker for the most hard-to-mark surfaces. Durable fine point tip produces thinner, detailed lines. Fade and water resistant. Nontoxic.

**Includes** red, blue, green and black.

Stk.	Mfr.	Price
<b>452776</b>	30174	<b>WEB</b>



### Sharpie® Twin Tip Marker Set

**Sharpie** Increased functionality with both Fine and Ultra Fine tips in 1 marker. Quick-drying, permanent marker for the most hard-to-mark surfaces. Fade and water resistant. Nontoxic.

**Includes** red, blue, green and black.

Stk.	Mfr.	Price
<b>452777</b>	32174PP	<b>WEB</b>



### Sharpie® Chisel Tip Markers

**Sharpie** Quick-drying, permanent marker for the most hard-to-mark surfaces. Creates fine or bold lines for a variety of labeling needs and the unique barrel keeps the marker from rolling away when on a flat surface. Fade and water resistant. Nontoxic.

Stk.	Mfr.	Color	Qty.	Price
<b>452775</b>	38262PP	Black	2	<b>WEB</b>



### Marks-A-Lot Permanent Marker

**Avery** Regular chisel tip marker writes on almost any surface including cardboard, metal and plastic. Works well indoors or out. Durable chisel tip writes in a variety of line widths. Rich, dark low-odor ink is quick drying, nontoxic, water and rub resistant.

**ACMI certified (conforms to ASTM D 4236).**

Stk.	Mfr.	Tip	Color	Qty.	Price
<b>942675</b>	17888	Chisel	Black	1	<b>WEB</b>



### Paint Marker Set

**Sharpie** Medium-sized tip for bold marks with precision and detail. Permanent oil-based paint dries quickly and resists water, smearing, and fading. Works on glass, metal, and nearly all hard surfaces. Non-toxic and safe to use, these meet or exceed ACMI AP standard.

**Includes** black, red, blue, yellow and white.

Stk.	Mfr.	Price
<b>452765</b>	34971PP	<b>WEB</b>



### Painters® Bright Colors Paint Markers

**Elmer's** Painting is easy and mess-free with Painters® acrylic paint markers. Use indoors or outdoors for decorating and personalizing almost any surface with bright and vibrant colors. Use on wood, plastic, clay, ceramic, glass, metal, foam board, fabric, terracotta and more! Permanent, streak-free, quick-drying, non-toxic and acid free. Medium tip.

**Includes** black, white, blue, red and green.

Stk.	Mfr.	Price
<b>257790</b>	WA7518	<b>WEB</b>



### Crayola Washable Markers Classic Colors Set

**Crayola** Washable broad line markers in 8 classic colors won't smudge or bleed through paper. The ink is specially formulated to easily wash from skin and most clothing. Non-toxic. For ages 4+.

Stk.	Mfr.	Price
<b>942691</b>	58-7808	<b>WEB</b>



### Silly Scent™ Washable Super Tip Markers

**Crayola** Set contains 20 colors with 20 scents. Features versatile tips that draws both thick or thin lines. The ink is specially formulated to easily wash from skin and most clothing. Non-toxic. For ages 4+.

**Includes** plastic pouch.

Stk.	Mfr.	Price
<b>943251</b>	58-8106	<b>WEB</b>



### 12-Pack Colored Pencils

**Crayola** Brilliant color selection with smooth, non-scratch color. Thicker leads ensure more break-free drawing. Pre-sharpened points stay sharp longer and sharpen easier. Assorted colors. AP Certified non-toxic.

**Includes** red, red-orange, orange, yellow, yellow-green, green, sky blue, blue, violet, light brown, brown and black.

Stk.	Mfr.	Price
<b>337020</b>	68-4012	<b>WEB</b>



### 24-Pack Colored Pencils

**Crayola** Brilliant color selection with smooth, non-scratch color. Thicker leads ensure more break-free drawing. Pre-sharpened points stay sharp longer and sharpen easier. Assorted colors. AP Certified non-toxic.

**Includes** mahogany, red, red orange, orange, yellow orange, golden yellow, yellow, yellow green, jade green, green, aqua green, sky blue, light blue, blue, violet, magenta, pink, peach, tan, light brown, brown, black, gray and white.

Stk.	Mfr.	Price
<b>337021</b>	68-4024	<b>WEB</b>



### Prismacolor® Premier 12-Color Pencil Set

**Prismacolor** Thick, soft leads made with permanent pigments are smooth, slow wearing, blend-able, water-resistant and light-fast.

**Includes** canary yellow, orange, crimson red, violet, violet blue, true blue, apple green, grass green, sienna brown, dark brown, black, white and tin case.

Stk.	Mfr.	Price
<b>196000</b>	3696THT	<b>WEB</b>



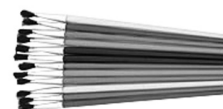
### Prismacolor® Premier 24-Color Pencil Set

**Prismacolor** Thick, soft leads made with permanent pigments are smooth, slow wearing, blend-able, water-resistant and light-fast.

**Includes** canary yellow, Spanish orange, goldenrod, orange, poppy red, crimson red, mulberry, pink, peach, parma violet, violet, violet blue, true blue, light cerulean blue, indigo blue, apple green, true green, grass green, dark green, sienna brown, Tuscan red, dark brown, black, white and tin case.

Stk.	Mfr.	Price
<b>196001</b>	3597THT	<b>WEB</b>

## PAINT & BRUSH SETS



### 12-Piece Brush Set

**Linzer** Pony hair brushes with metal ferrules and plastic handles.

**Includes** 2 ea. of #'s 1, 2, 3, 4, 5 & 6.

Stk.	Mfr.	Price
<b>504000</b>	A9018	<b>WEB</b>



### 12-Piece Watercolor Brush Assortment

**Creativity Street** 12-piece brush set with natural wood handles. Tapered bristles work well for detail painting, while the flat brushes allow students to lay in large areas of color.

**Includes** 9 tapered and round bristle brushes in sizes 1 to 9, and 3 flat bristle brushes in .5", .38" and .75".

Stk.	Mfr.	Price
<b>620583</b>	PAC5136	<b>WEB</b>



### 72-Piece Paint Brush Assortment

**Creativity Street** This assortment features 72 brushes with a camel hair blend, seamless aluminum ferrules and medium length wooden handles that are ideal for watercolor and other detailed painting.

**Includes** 12 brushes each of sizes #2, #4, #6, #8, #10 and #12 in a reusable canister.

Stk.	Mfr.	Price
<b>620585</b>	PAC5159	<b>WEB</b>



### 144-Piece Artist's Brush Assortment

**Linzer** Camel hair brushes with metal ferrules and plastic handles. Use for models, watercolors, hobbies and crafts. For use with water soluble paints.

**Includes** 24 of each #'s 1, 2, 3, 4, 5 and 6.

Stk.	Mfr.	Price
<b>942805</b>	A9000	<b>WEB</b>



### Multi-Colored Craft Sticks

**Creativity Street** Multi-colored jumbo craft sticks are ideal for any arts and crafts project. Each stick is 2mm thick.

Stk.	Mfr.	Size	Qty.	Price
<b>620596</b>	PAC3675-02	4-1/2" x 3/8"	150	<b>WEB</b>
<b>620600</b>	PAC3776-02	6" x 3/4"	500	<b>WEB</b>



### Natural Wood Craft Sticks

**Creativity Street** Natural wood craft sticks are great for stirring, mixing and building all types of craft projects.

Stk.	Mfr.	Size	Qty.	Price
<b>620595</b>	PAC3675-01	4-1/2" x 3/8"	150	<b>WEB</b>
<b>132300</b>	PAC3774-01	4-1/2" x 3/8"	1,000	<b>WEB</b>
<b>620599</b>	PAC3776-01	6" x 3/4"	500	<b>WEB</b>



### 6-Piece Acrylic Paint Set

**Testors** Provides great coverage on a variety of surfaces such as wood, metal, fabric, canvas, glass and more! Dries to a durable matte finish, water wash up when wet, non-toxic. USA made.

**Includes** black, white, stop sign red, green, royal blue and sunshine yellow.

Stk.	Mfr.	Size	Colors	Price
<b>963940</b>	297580	2 oz.	6	<b>WEB</b>



### 9-Piece Acrylic Paint Set

**Testors** These quality paints are great for school and craft projects. Fast drying, non-toxic, easy water wash-up and low odor.

**Includes** red, black, gold, silver, gloss blue, gloss orange, gloss green, gloss white, gloss yellow and 1 brush.

Stk.	Mfr.	Size	Colors	Price
<b>943474</b>	281235	1/4 oz.	9	<b>WEB</b>



### 12-Piece Premium Acrylic Paint Set

**ArtSkills** Colorful, water-based paint set is high quality and dries quickly. Perfect for beginning students and professionals alike. Paint can be thinned with water, creating a more watercolor look. For ages 8+.

**Includes** black, white, burnt umber, burnt sienna, purple, primary blue, forest green, light green, primary yellow, cadmium, orange hue, primary red and crimson.

Stk.	Mfr.	Size	Color	Price
<b>350010</b>	PA-2039	0.32 fl. oz.	12	<b>WEB</b>



### Crayola Acrylic Paint, Bold Color, 6-Piece

**Crayola** Crayola Acrylic Paint set offers six pigment-rich colors that are thick and hearty, ideal for use on canvas, wood, metal, fabrics, and ceramic.

Paint is water resistant but permanent when dry. Safe and non-toxic, these paints will be loved by children age 5 and up.

**Includes** six 2 oz. bottles in red, black, yellow, white, blue and brown.

Stk.	Mfr.	Size	Colors	Price
<b>833602</b>	201997	2 oz	6	<b>WEB</b>



### Tempera Paint Set

**Creativity Street** These tempera paints provide a bright, opaque color with less mess. Simply wet the paints with water and brush on any surface for a velvety texture.

**Includes** red, yellow, blue, green, white, black, brown, purple and orange.

Stk.	Mfr.	Size	Colors	Price
<b>620620</b>	PAC9834	2-1/4" dia. x 3/4" T ea.	9	<b>WEB</b>

## AIRBRUSH SETS



### Air-Opaque™ Paint

**Badger** For students wanting vibrant color with consistent results. Formulated for air brushes, technical pens and paint brushes on paper, illustration board and canvas, plus wood

and Styrofoam® models. Ready-to-use paints are quick drying, water resistant, pre-reduced, colorfast, water-based, nontoxic, nonflammable, noncarcinogenic. Mix paints for more colors.

**Primary Set Includes** crimson, yellow, blue, green, brown, black, white.

Stk.	Mfr.	Size	Colors	Price
<b>222359</b>	701	1 oz.	7	<b>WEB</b>

**Secondary Set Includes** scarlet, magenta, orange, violet, indigo, aqua, turquoise.

Stk.	Mfr.	Size	Colors	Price
<b>222360</b>	702	1 oz.	7	<b>WEB</b>



### Model 350 Airbrush Set

**Badger** Air and paint mix outside the airbrush, creating a larger, coarser "dot" pattern and providing a heavier spray volume. An excellent choice for beginning students, ceramists and automotive painters. Sprays high viscosity materials such as ceramic glazes and stains, and hobby enamels with ease. It is also effectively used with properly reduced acrylics, inks, dyes, watercolors, acrylic lacquers, enamels, Air-Opaque™, Air-Tex®, Spectra-Tex® and MODELflex® airbrush colors.

**Includes** 3 fluid tips and needle assemblies, 3/4 oz. jar, 2 oz. jar w/cover, 8' braided air hose, 1/4" pipe thread fitting and wrench.

Stk.	Mfr.	Price
<b>222355</b>	350-4	<b>WEB</b>



### Crescendo® Airbrush Set

**Badger** Designed by professionals for professional production airbrushing. Spray regulators and tips change easily for greater flexibility on the fly. Snap-off handle allows for quick needle changes and cleaning. It sprays properly reduced acrylics, enamels, lacquers, gouaches, fab-

ric colors, inks, dyes, ceramic colors and glazes, watercolors, Air-Opaque, Air-Tex®, MODELflex®, Totally Tattoo® and Totally Tan airbrush colors.

**Includes** airbrush, 3 tips, spray regulators and needles (fine, medium, large), 8' braided air hose, 3/4 oz. jar and cover, 2 oz. paint jar and cover, 1/4 oz. metal color cup and protective cap.

Stk.	Mfr.	Price
<b>222352</b>	175-7	<b>WEB</b>





### Model 360 Universal® Airbrush

**Badger** The Universal airbrush is capable of performing in a gravity feed as well as a bottom feed mode. Never before has one airbrush provided so much versatility. Single nozzle/needle sprays from pencil lines to 3" spray

pattern. Designed for spraying acrylics to watercolors, inks to lacquers, Air-Opaque™, Air-Tex®, MODELflex®, Totally Tattoo®, Spectra-Tex® and Totally Tan™ airbrush paints.

**Includes** all-purpose nozzle/needle, attachable jar, additional jar and cover, trigger pad and protective cap.

Stk.	Mfr.	Price
<b>222357</b>	360-1	<b>WEB</b>



### Anthem Airbrush Set

**Badger** The 2-angle needle tip precisely mates with the Anthem's cone shaped nozzle enabling a single needle/nozzle configuration to spray virtually any desired material, thus eliminating the need for fine, medium, or large needle/noz-

zle variations. Single needle/nozzle for spraying all mediums, inks, dyes, watercolors, acrylics, enamels, lacquers, glazes, latex, Air-Opaque, Air-Tex®, MODELflex® Totally Tattoo® and Totally Tan colors. Single needle/nozzle sprays pencil lines to 3" spray pattern.

**Includes** airbrush, 1/4 oz. color cup, jar adapter, two 2 oz. jars, 3/4 oz. jar and 6' braided air hose.

Stk.	Mfr.	Price
<b>222356</b>	155-7	<b>WEB</b>



### Single-Action Airbrush Set

**Paasche** This single-action airbrush features a chrome plated body for durability. The H-series single action allows the user to achieve fine lines down to 1/16" and wider patterns of up to 1-1/2". Clean up is as simple as spraying your paint cleaner through the airbrush. The H is used for many applications including hobby, craft, chip and ding repair, taxidermy, ceramics, cake decorating, tanning, tattoos, etc.

**Includes** airbrush, spray heads (1, 3, 5), 1/4 oz. metal cup, 1 oz. bottle assembly, 1 oz. storage bottle, hanger, wrench and 6' braided air hose.

Stk.	Mfr.	Price
<b>640330</b>	H-3AS	<b>WEB</b>



### Single Action Airbrush with Compressor

**Paasche** This kit combines the Paasche single action H-SET, D500SR compressor and AC-7 cleaning kit. H-Set airbrush is single action, internal mix, siphon fed. It can spray solvent or water based fluids.

Air volume 20 PSI @ .5 CFM. Max. pressure 0-35 PSI (depends on airbrush being used). Size 10" x 7.25" x 1.5". Weight 1.1 lbs.

**Includes** airbrush, spray head (1, 3, 5), 1 oz. bottle assembly, 1/4 oz. metal cup, 1 oz. storage bottle, 6' braided hose, hanger, wrench, compressor and 7-piece cleaning kit.

Stk.	Mfr.	Price
<b>640365</b>	H-100D	<b>WEB</b>



### Double-Action Airbrush Set

**Paasche** A popular airbrush due to its durability and ability to spray most material whether thick or thin. The stainless steel needle and nickel silver tip handle water based or solvent based mediums. The VL airbrush offers versatility with 3 interchangeable head sizes. This model can achieve spray patterns from fine detail to broader

coverage handling light, medium and heavy fluids.

**Includes** airbrush, spray heads (1, 3, 5), 1 oz. bottle assembly, 1/4 oz. metal cup, 1 oz. storage bottle, 6' braided hose, hanger and wrench.

Stk.	Mfr.	Price
<b>640331</b>	VL-3AS	<b>WEB</b>



### Airstorm Air Compressor

**Badger** The Airstorm compressor is excellent for moderate frequency use. It's a powerful, maintenance free diaphragm compressor with on/off toggle switch, suction cup feet and 6' cord. ETL certified.

Size 8-1/4"L x 5-1/2"W x 7-3/4"H. Weight 8 lbs.

**Includes** 1/8" to 1/4" hose adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
<b>222365</b>	180-15	110	1/6	57 psi	<b>WEB</b>



### D500 Air Compressor

**Paasche** Single cylinder piston compressor perfect for any hobby or artist airbrush. The maximum operating pressure is about 35 PSI, depending on airbrush being used. Auto shutoff, quiet running (47 dB), 1/4 NPT hose fitting, suction cup feet and 6' cord.

Air delivery (scfm) 0.4 @ 20 psi.

Size 14"L x 6"W x 8"H. Weight 12 lbs.

**Includes** 1/8 BPS adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Price
<b>640332</b>	D500	120	1/5	35 psi	<b>WEB</b>



### DC600R Airbrush Compressor

**Paasche** This dual piston compressor operates at 50 dB, is more powerful than single head compressors and has a protective metal case. Delivers 0-55 PSI (depends on airbrush being used). Auto start and shutoff, regulator/moisture trap and 1/4" NPT hose fitting.

Air output per min./liters: 35-40L/min.

Speed 1,450/1,700 RPM. Size 14" x 14" x 6". Weight 24.3 lbs.

**Includes** 1/8" BPS adapter.

Stk.	Mfr.	Volts	HP	Max. Pressure	Tank Capacity	Price
<b>640335</b>	DC600R	115	1/6	55 psi	.92 gal.	<b>WEB</b>



## Airbrush DVD

### Badger

Stk.	Mfr.	Title	Length	Price
<b>222364</b>	BD-103	Airbrush Techniques	66 min.	<b>WEB</b>

## Automotive DVDs

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>794702</b>	32784-DVD	Braking System Repair	18 min.	<b>WEB</b>
<b>794703</b>	32783-DVD	Electrical Repairs	20 min.	<b>WEB</b>
<b>794705</b>	32786-DVD	Miscellaneous Repairs	19 min.	<b>WEB</b>

### Braking Systems Series

Stk.	Mfr.	Title	Length	Price
<b>794484</b>	44880-DVD	Brake Fundamentals	33 min.	<b>WEB</b>
<b>794487</b>	44881-DVD	Master Cylinders & Valves	29 min.	<b>WEB</b>
<b>794488</b>	44882-DVD	Disc & Drum Brakes	22 min.	<b>WEB</b>
<b>794483</b>	44879-DVD	3-DVD Series (listed above)		<b>WEB</b>

### Hybrid Series

Stk.	Mfr.	Title	Length	Price
<b>794716</b>	35526-DVD	History of Hybrids	15 min.	<b>WEB</b>
<b>794717</b>	35527-DVD	Hybrid Components	16 min.	<b>WEB</b>
<b>794718</b>	35528-DVD	Hybrid Safety Issues	18 min.	<b>WEB</b>
<b>794719</b>	35525-DVD	3-DVD Series (listed above)		<b>WEB</b>

### Computer System Series

Stk.	Mfr.	Title	Length	Price
<b>794720</b>	25078-DVD	Computer System Service	21 min.	<b>WEB</b>
<b>794721</b>	25076-DVD	Computer On-board Diag.	14 min.	<b>WEB</b>
<b>794722</b>	24744-DVD	Computer System Operation	30 min.	<b>WEB</b>
<b>794723</b>	26253-DVD	Scanning Auto. Computer Prob.	30 min.	<b>WEB</b>
<b>794724</b>	24743-DVD	4-DVD Series (listed above)		<b>WEB</b>

### Engine Performance Series

Stk.	Mfr.	Title	Length	Price
<b>794497</b>	44876-DVD	Eng. Diag. Intake, Exhaust & Em.	34 min.	<b>WEB</b>
<b>794498</b>	44877-DVD	Ignition Systems & Fuel Systems	32 min.	<b>WEB</b>
<b>794499</b>	44878-DVD	Computer Systems & Sensors	25 min.	<b>WEB</b>
<b>794496</b>	44875-DVD	3-DVD Series (listed above)		<b>WEB</b>

## Bridge Building Book

### ABS

Stk.	Mfr.	Title	Pages	Price
<b>957886</b>	740174	Building Toothpick Bridges	30	<b>WEB</b>

## Bridge Building DVDs

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>794442</b>	20351-DVD	Balsa Wood Model Bridges	19 min.	<b>WEB</b>
<b>794441</b>	20352-DVD	Model Bridges	23 min.	<b>WEB</b>

## CAD/CAM DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534362</b>	20472	Overview to CAD	17 min.	<b>WEB</b>
<b>534363</b>	50186	Automotive Design CAD/CAM	33 min.	<b>WEB</b>

## CNC DVD

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534343</b>	25074-DVD	Computer Numerical Control	20 min.	<b>WEB</b>

## Computer Technology DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534409</b>	25583-DVD	How Computers Operate	25 min.	<b>WEB</b>
<b>534344</b>	25077-DVD	Computer Peripherals	25 min.	<b>WEB</b>
<b>534345</b>	25080-DVD	Computers At Work	25 min.	<b>WEB</b>
<b>534431</b>	26715-DVD	3-DVD Series (listed above)		<b>WEB</b>

## Construction DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534412</b>	25678-DVD	Intro. to Construction Technology	17 min.	<b>WEB</b>
<b>534349</b>	25359-DVD	Erecting Sub & Superstructures	19 min.	<b>WEB</b>

### Cambridge

Stk.	Mfr.	Title	Length	Price
<b>290060</b>	12006-DVD	Estimating Building Materials	26 min.	<b>WEB</b>

## Dragster & Racers DVD

### ABS

Stk.	Mfr.	Title	Length	Price
<b>957898</b>	700196	Make a CO2 Dragster	10 min.	<b>WEB</b>

## Electrical DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534346</b>	35401-DVD	Electrical Troubleshooting	21 min.	<b>WEB</b>

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>534382</b>	42035-DVD	Electrical Safety	23 min.	<b>WEB</b>
<b>794697</b>	32070-DVD	Res. Wiring, 8-DVD Series	16-21 mins. ea.	<b>WEB</b>

## Electronics DVDs

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>794511</b>	35395-DVD	Electronic Components Part 1	22 min.	<b>WEB</b>
<b>794531</b>	35396-DVD	Electronic Components Part 2	14 min.	<b>WEB</b>
<b>794533</b>	35397-DVD	Electronic Components Part 3	15 min.	<b>WEB</b>

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534347</b>	35402-DVD	Electronic Troubleshooting	22 min.	<b>WEB</b>

## Hand Tool DVDs

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>794728</b>	37046-DVD	Inside the Carpenter's Toolbox	19 min.	<b>WEB</b>
<b>794726</b>	42220-DVD	Hand Tools for Woodworking	24 min.	<b>WEB</b>
<b>794446</b>	20325-DVD	Reading a Ruler: Eng. & Metric	18 min.	<b>WEB</b>

## HVAC DVDs

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>534438</b>	37245-DVD	Residential AC	21 min.	<b>WEB</b>
<b>534439</b>	37244-DVD	Residential Heating	24 min.	<b>WEB</b>
<b>534440</b>	37243-DVD	2-DVD Series (listed above)		<b>WEB</b>

**Books, DVDs & Software**  
are nonreturnable.

## Hydraulics & Pneumatics DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534415</b>	25690-DVD	Introduction to Fluid Power	19 min.	<b>WEB</b>
<b>534406</b>	25439-DVD	Fluid Power Tech. at Work	23 min.	<b>WEB</b>

## Manufacturing DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534421</b>	25836-DVD	Materials Handling	29 min.	<b>WEB</b>
<b>534339</b>	24639-DVD	Advanced Manufacturing	18 min.	<b>WEB</b>
<b>534342</b>	25072-DVD	Computer Integrated Mfg.	26 min.	<b>WEB</b>

## Math DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534330</b>	25685-DVD	Introduction to Math Technology	11 min.	<b>WEB</b>
<b>534331</b>	25843-DVD	Math in Automotive Technology	11 min.	<b>WEB</b>
<b>534332</b>	25844-DVD	Math in Construction Technology	10 min.	<b>WEB</b>
<b>534333</b>	25845-DVD	Math in Electrical Technology	11 min.	<b>WEB</b>
<b>534334</b>	25378-DVD	4-DVD Series (listed above)		<b>WEB</b>

## Metalworking Book

### Starrett

Stk.	Mfr.	Title	Pages	Price
<b>875590</b>	1700	Metalworking Safety	160	<b>WEB</b>

## Metalworking DVD

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>794699</b>	42039-DVD	Metalworking Safety	23 min.	<b>WEB</b>

## Plastics DVD

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534352</b>	26091	Polymer Production Techniques	22 min.	<b>WEB</b>

## Plumbing DVD

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>794727</b>	36100-DVD	Inside the Plumber's Tool Box	32 min.	<b>WEB</b>

## Robots DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534427</b>	26231-DVD	An Important Place in Industry	11 min.	<b>WEB</b>
<b>534432</b>	26718-DVD	3-DVD Series		<b>WEB</b>

## Rocketry & Flight DVDs

### Shopware

Stk.	Mfr.	Title	Length	Price
<b>794438</b>	20361-DVD	Model Rocketry	14 min.	<b>WEB</b>
<b>794449</b>	8153-DVD	The Space Shuttle	45 min.	<b>WEB</b>
<b>794439</b>	20359-DVD	Principles of Flight Part I	29 min.	<b>WEB</b>
<b>794440</b>	20358-DVD	Principles of Flight Part 2	29 min.	<b>WEB</b>

## Small Engine Books

### Briggs & Stratton

Stk.	Mfr.	Title	Pages	Price
<b>204340</b>	270962	'L' Head Repair	350	<b>WEB</b>
<b>203150</b>	272147	Single Cylinder OHV		<b>WEB</b>
<b>204350</b>	CE8020	Small Engine Textbook	300	<b>WEB</b>
<b>203165</b>	CE8155	Small Engine Repair		<b>WEB</b>

## Welding DVDs

### Meridian

Stk.	Mfr.	Title	Length	Price
<b>534434</b>	26785-DVD	Intro: Oxyfuel Welding	14 min.	<b>WEB</b>
<b>534435</b>	26786-DVD	Intro: Shielded Metal Arc Welding	12 min.	<b>WEB</b>
<b>534433</b>	26784-DVD	Intro: Gas Tungsten Arc Welding	11 min.	<b>WEB</b>
<b>534408</b>	25479-DVD	Intro: Gas Metal Arc/Flux Core Weld.	11 min.	<b>WEB</b>

## Shopware

Stk.	Mfr.	Title	Length	Price
<b>794667</b>	42036-DVD	Welding Safety	23 min.	<b>WEB</b>

## Woodworking Books

### Kreg

Stk.	Mfr.	Title	Pages	Price
<b>793803</b>	MD-CAB01	Basic Cabinetmaking	40	<b>WEB</b>

## Woodstock

Stk.	Mfr.	Title	Pages	Price
<b>485972</b>	WI050	Dust Collection	57	<b>WEB</b>

## Woodworking DVDs

### Cambridge

Stk.	Mfr.	Title	Length	Price
<b>290061</b>	14477-DVD	Woodworking Basics	32 min.	<b>WEB</b>

## Shopware

Stk.	Mfr.	Title	Length	Price
<b>794409</b>	35533-DVD	Band Saws & Scroll Saws	21 min.	<b>WEB</b>
<b>794417</b>	35542-DVD	Circular Saws	16 min.	<b>WEB</b>
<b>794408</b>	35531-DVD	Cut-off Saws (w/miter; c. miter)	21 min.	<b>WEB</b>
<b>794418</b>	35543-DVD	Jig Saws & Recip Saws	16 min.	<b>WEB</b>
<b>794491</b>	35532-DVD	Radial Arm Saws	17 min.	<b>WEB</b>
<b>794407</b>	35530-DVD	Table Saws	22 min.	<b>WEB</b>
<b>794410</b>	35534-DVD	Routers	20 min.	<b>WEB</b>
<b>794411</b>	35535-DVD	Jointers	17 min.	<b>WEB</b>
<b>794412</b>	35536-DVD	Planers	14 min.	<b>WEB</b>
<b>794413</b>	35537-DVD	Lathes	14 min.	<b>WEB</b>
<b>794414</b>	35538-DVD	Nailers	16 min.	<b>WEB</b>
<b>794478</b>	35539-DVD	Drill Press	14 min.	<b>WEB</b>
<b>794415</b>	35540-DVD	Drills & Drivers	16 min.	<b>WEB</b>
<b>794416</b>	35541-DVD	Stationary Sanders	13 min.	<b>WEB</b>
<b>794482</b>	35544-DVD	Grinders & Sharpeners	12 min.	<b>WEB</b>
<b>794543</b>	35545-DVD	Building a Work Center	22 min.	<b>WEB</b>
<b>794486</b>	35529-DVD	16-DVD Series (listed above)		<b>WEB</b>
<b>794472</b>	42037-DVD	Woodworking Safety	19 min.	<b>WEB</b>
<b>534384</b>	41118-DVD	Safety: Avoid. Accident/Injry.	22 min.	<b>WEB</b>

**Books, DVDs & Software**  
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