Boring Head with Shank & Carbide Tipped Boring Bar Set

2" Dia. Boring Head (7/8"- 20 Mount)  
with 9 Pc. C-6 Boring Bar Set  
Part No. 1-800-922B  
Reg. Net Price $137.79  
$10334

3" Dia. Boring Head (1-1/2", 18 Mount) with  
12 Pc. C-6 Boring Bar Set  
Part No. 1-800-923B  
Reg. Net Price $193.10  
$14483

4-1/2 x 7/8" Flap Discs  
13,300 RPM

Z3 ZIRCONIA  - Premium 100% Zirconia Aluminum with cotton backing to provide flexibility. Offers maximum cutting capacity, strong edge stability and long-life.

FUTURE:
• Cuts much cooler and reduces glazing and loading with self-sharpening flaps.  
• Especially lightweight design reduces operator fatigue and noise levels.  
• Gives up to 30% more life than a resin fiber-disc saving considerable set-up time and money.  
• Provides better quality and consistency of surface finish.

4-1/2 x 7/8" Flap Discs  
13,300 RPM

Mitutoyo "QUICK-SET" Horizontal Dial Test Indicator Sets  
Series 513  
The most direct gear train design ever applied to test indicators means higher level of sensitivity, accuracy reliability, and repeatability throughout tool life.

FEATURES:
• Anti-magnetic.  
• Jeweled bearings.  
• No-clutch structure.  
• Water and dust resistant.  
• Grease-free crystal with scratch-resistant coating.

R8 REMOVABLE SHANK

Mitutoyo "QUICK-SET" Horizontal Dial Test Indicator Sets  
Series 513  
The most direct gear train design ever applied to test indicators means higher level of sensitivity, accuracy reliability, and repeatability throughout tool life.

FEATURES:
• Indicator  
• Holding Bar  
• Knurled Clamp Ring  
• (3) Carbine Contact  
• Points: 0.039", 0.079", 0.118"  
• Swivel Clamp For: .157" & 3/8"  
• 2 Stems: .157" & 3/8"

SALE!

TriumPlus TYPE 27

4-1/2 x 7/8" Flap Discs  
13,300 RPM

Excellent all-around deburring kit for your shop. You get all the tools needed for 1000+ applications.

The Universal Box Mango Kit

Part No. 1-457-220  
Reg. Net Price $97.56  
$6995

Save over 25%
Check out the big red lockers outside our KBC Michigan location. Just order during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours and pick up during regular business hours! The Time.

24/7 PICK-UP LOCKERS

Call: 1-800-521-1740             Fax: 1-800-322-4292            Web: KBCTools.com

FREE

REVERSIBLE RATCHETING MULTI-TOOL
With Self-Adjusting Socket System
Valid 7/1/19 - 8/31/19
Registered Customers Only. One Time Use.

A $14.99 Value!

PLUS

With Any Online Order $149 or More!

COUPON CODE:
FREE719U

Part No. 1-909-011
INCLUDES
14 Screwdriver Bits

Southwire®
500 Watt Halogen Portable Work Light
Part No. 1-541-133
Reg. Net Price $28.11

$21.95

Waterloo Series
Ball-Bearing Chest & Cabinet
26" Wide

FEATURES:
- Rugged double wall construction adds strength.
- SolidTrax™ drawer assembly adds stability and strength.
- Non-slip drawer liners protect surfaces and hold tools in place.

5-Drawer Cabinet
Sturdy 5" x 2" casters support up to 1,100 lbs.
Model WCA-265BK
Color: Black
Part No. 1-824-265
Reg. Net Price $360.80

$306.68

SPECIFICATIONS:
Overall Dimensions ...................... 26" x 12" x 15.25"
Capacity Ea. Drawer (ball-bearing slides) ..... 85 lbs.
Weight .................................. 43 lbs.

KARCHER
Follow Me 1800 PSI Electric Pressure Washer

The 1800 PSI K3 Follow Me pressure washer is designed to "follow you" while you work. Compact and convenient, horizontal design delivers optimal stability and strong cleaning power for most household jobs.

FEATURES:
- On-board detergent tank that automatically dispenses detergent in low pressure mode.
- 4-wheeled design with steerable front wheels.
- Vario power & Dietzblaster® spray wand.
- Other features include a large ON/OFF switch, integrated storage for spray wands, the high pressure hose and power cord, a complete "motor stop" function when the unit is not in use and an ergonomic trigger gun with child safety lock.
- Quick connect system.
- 35' w/ GFCI power cord.
- 2 Year Warranty.

Model K3
Part No. 1-831-K3
$169.00

KBC Tools...
24/7 All Tools...
All The Time.

24/7 PICK-UP LOCKERS

Check out the big red lockers outside our KBC Michigan location. Just order during regular business hours and pick up your order anytime! Your tools... your time.

On All Online Orders up to 50 lbs.

$10.95 FLAT RATE SHIPPING

Some restrictions may apply.

GSA Contract #BPA-GS-06F-4KBC
### LiftAll 1200 Polyester Web Slings

**Type 3 2-Ply**

**FEATURES:**
- Yellow abrasion resistant treatment.
- Tuff-tag provides required OSHA information for the life of the tag.
- Polyester webbing stretches less for better control.
- Red core yarn warning system aids inspection process.
- Wider bearing surface per capacity helps protect load surface.

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### Quickie Cut Reinforced Cut-Off Wheels

**TYPE 27**

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### Single Flute Cobalt Countersinks

**Ideal for chamfering, deburring and countersinking. The large positive rake and single flute construction provides a smooth surface finish on a wide variety of materials. Increase productivity on all general purpose applications.**

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### CGW Thread Measuring Wire Set

**For measuring all 60° threads. Utilizes the three wire system of measuring external threads, accepted as the most accurate method. Kit contains 48 wires, in 16 different sizes. Measures all 60° threads from 3 to 48 TPI, and all metric threads from .5mm to 6mm pitch.**

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**Save over 25%**

**Thread Measuring Wire Set**

**Reg. Net Price $13.70**

**Special Offer**

**$999**
### Solid Carbide Hi-Tuff Drills

**FEATURES:**
- Fine grain 6% cobalt C-2 grade.
- Screw machine lengths and a heavy web provide extra rigidity and strength.
- Web-thinned drill point reduces power requirements, lowers drilling temperatures and extends tool life.

**Series 205**

#### High Speed Steel

**RIGHT HAND**

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**Titanium Coated**

**RIGHT HAND**

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### Cartridge Tipped UNI-PLUS® Masonry Drills

**SALE!**

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**Features:**
- Used for drilling in concrete, brick, ceramic, tile, marble, fiberglass, metal, wood, and plastic.

---

### KEO High Performance Solid Carbide NC Spotting Drills

**SALE!**

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### Cutting Tools

**Call:** 1-800-521-1740  **Fax:** 1-800-322-4292  **Web:** KBCTools.com
CUTTING TOOLS

5 Pc. M-42 Cobalt Combined Drill & Countersink Set

Plain type combined drills and countersinks are used for producing center holes in components or workpieces which require machining between centers.

3 Pc. Step Drill Set

The UNIBIT® Step Drill uses a unique single flute design to drill perfectly round holes in thin materials quickly with less effort. It also incorporates cutting steps of progressively larger diameters and saves money because one bit can replace an entire set of twist drill bits.

Cobalt Silver & Deming Drills 1/2" Shank, 6" OAL

Cobalt HSS is used for drilling in tough, high tensile strength materials.

FEATURES:
• Expands the size range capacity of a 1/2" portable drill chuck.
• Common flute and overall length for minimal adjustment during tool changes.
• Made of heat resistant, 8% cobalt HSS, with heavy-duty flute construction.
• Precision ground for high degree of concentricity between shank and body diameter.

Jobbers Drills

NEW!

CUTTING TOOLS

Starrett Carbide Tipped General Purpose Hole Saw Kit

FEATURES:
• High performance triple chip tungsten carbide tipped saws.
• Provides superior performance on materials too hard or abrasive for conventional high speed steel saws.
• Features extended life when used to cut wood, PVC, man-made building materials and fiberglass.

14 PC. KIT INCLUDES:

Cobalt HSS is used for drilling in tough, high tensile strength materials.

FEATURES:
• Expands the size range capacity of a 1/2" portable drill chuck.
• Common flute and overall length for minimal adjustment during tool changes.
• Made of heat resistant, 8% cobalt HSS, with heavy-duty flute construction.
• Precision ground for high degree of concentricity between shank and body diameter.
## SOLID CARBIDE END MILLS

### 2 Flute Solid Carbide Single End Mills

**STUB LENGTH - CENTER CUTTING**

Designed for reduced deflection, improved tool life and overall economy.

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*Buy in Package Quantity: Up to 1/4" 3 Per Pack*

### 2 Flute Premium Solid Carbide End Mills

**MINIATURE - CENTER CUTTING**

**Series 121**

**FEATURES:**
- 1/8" shank diameter.
- 1/2" OAL.
- MicroGrain 10x cobalt grade.

*Designed for aggressive milling of most materials.*

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<td>1/8&quot;</td>
<td>3/4&quot;</td>
<td>-004</td>
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<td>-006</td>
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<td>.030</td>
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<td>-096</td>
<td>1/8&quot;</td>
<td>1-1/2&quot;</td>
<td>-010</td>
<td>30.00</td>
</tr>
</tbody>
</table>

*Buy in Package Quantity: Up to 1/4" 3 Per Pack*

### 3 Flute 35° Helix AITiN Solid Carbide Single End Mills

**CORNER RADIUS - CENTER CUTTING**

**FEATURES:**
- Standard with radius.
- Weldon flat standard on shank sizes 3/8" and larger.
- Ideal for slotting in steel, titanium and high temperature alloys.

**MICROSHIELD™ AITiN - Aluminum Titanium Nitride:**

- Increased thermal stability when milling high temp alloys and those steels with a hardness of 52 HRc and above. Excellent for HSS, tool steels, HSS and HSCO end mills can not be coated with AITiN.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
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<tbody>
<tr>
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<td>3/32&quot;</td>
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<td>1-1/2&quot;</td>
<td>-020</td>
<td>68108</td>
<td>20.34</td>
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</table>

*Buy in Package Quantity: Up to 1/4" 3 Per Pack*
R&N Heavy-Duty Premium Steel Spiral Fluted Taps With Penta Relief CPM-M4 Steel

*Save 20%*

**FEATURES:**
- Commonly called "gun" taps.
- Excellent for production tapping of through holes.
- Flute design for the evacuation of chips ahead of the cutting action.

**METRIC SIZES:**

<table>
<thead>
<tr>
<th>Size</th>
<th>Quantity</th>
<th>Description</th>
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<tbody>
<tr>
<td>M12 x 1.75</td>
<td>12 Per Pack</td>
<td>20.68, 8.08</td>
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<td>M10 x 1.50</td>
<td>6 Per Pack</td>
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<td>M8 x 1.25</td>
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<tr>
<td>M4 x 0.70</td>
<td>6 Per Pack</td>
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<tr>
<td>M3 x 0.50</td>
<td>6 Per Pack</td>
<td>8.00, 9.40</td>
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**SALE!**

- M3 x 0.50: $10.38
- M4 x 0.70: $12.72
- M5 x 0.80: $12.72
- M6 x 1.00: $12.72
- M8 x 1.25: $12.72
- M10 x 1.50: $12.72
- M12 x 1.75: $12.72

**Ground with a 45° neck which is smaller than conventional taps designed to eliminate surface welding.**

**SALE!**

- M3 x 0.50: $10.38
- M4 x 0.70: $12.72
- M5 x 0.80: $12.72
- M6 x 1.00: $12.72
- M8 x 1.25: $12.72
- M10 x 1.50: $12.72
- M12 x 1.75: $12.72

**Buy in Package Quantity:**
- 4-40 to 3/8-24: 12 Per Pack
- 1/2-13 & 1/2-20: 6 Per Pack
- 5/8-11 to 3/4-14: 3 Per Pack

**CNC DESIGN - BOTTOM STYLE**

**HIGH END BORING BARS 45° - 90°**

**SALE!**

**CHUCKING REAMERS Over and Under Sizes**

**SALE!**

**METRIC SIZES:**

<table>
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<th>Size</th>
<th>Description</th>
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<tr>
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<td>D3 2 - $10.38</td>
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<tr>
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<td>M5 x 0.80</td>
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</tr>
<tr>
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<td>M8 x 1.25</td>
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</tr>
<tr>
<td>M10 x 1.50</td>
<td>D6 3 - $17.20</td>
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<tr>
<td>M12 x 1.75</td>
<td>D7 3 - $21.56</td>
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<tr>
<td>M14 x 2.00</td>
<td>D7 3 - $25.24</td>
</tr>
<tr>
<td>M16 x 2.00</td>
<td>D7 3 - $27.07</td>
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<tr>
<td>M18 x 2.50</td>
<td>D7 3 - $33.56</td>
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<tr>
<td>M20 x 2.50</td>
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<tr>
<td>M22 x 2.50</td>
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<td>M28 x 2.50</td>
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<tr>
<td>M30 x 2.50</td>
<td>D7 3 - $65.25</td>
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**SALE!**

- M3 x 0.50: $10.38
- M4 x 0.70: $12.72
- M5 x 0.80: $12.72
- M6 x 1.00: $12.72
- M8 x 1.25: $12.72
- M10 x 1.50: $17.20
- M12 x 1.75: $21.56
- M14 x 2.00: $25.24
- M16 x 2.00: $27.07
- M18 x 2.50: $33.56
- M20 x 2.50: $65.25

**82° Six Flute Chatterless Countersinks**

**SALE!**

**HIGH SPEED STEEL**

**METRIC SIZES:**

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<th>Size</th>
<th>Description</th>
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<tr>
<td>M5 x 0.80</td>
<td>D3 2 - $12.72</td>
</tr>
<tr>
<td>M6 x 1.00</td>
<td>D3 2 - $12.72</td>
</tr>
<tr>
<td>M8 x 1.25</td>
<td>D5 2 - $12.72</td>
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<tr>
<td>M10 x 1.50</td>
<td>D6 3 - $17.20</td>
</tr>
<tr>
<td>M12 x 1.75</td>
<td>D7 3 - $21.56</td>
</tr>
<tr>
<td>M14 x 2.00</td>
<td>D7 3 - $25.24</td>
</tr>
<tr>
<td>M16 x 2.00</td>
<td>D7 3 - $27.07</td>
</tr>
<tr>
<td>M18 x 2.50</td>
<td>D7 3 - $33.56</td>
</tr>
<tr>
<td>M20 x 2.50</td>
<td>D7 3 - $65.25</td>
</tr>
</tbody>
</table>

**SALE!**

- M4 x 0.70: $12.72
- M5 x 0.80: $12.72
- M6 x 1.00: $12.72
- M8 x 1.25: $12.72
- M10 x 1.50: $17.20
- M12 x 1.75: $21.56
- M14 x 2.00: $25.24
- M16 x 2.00: $27.07
- M18 x 2.50: $33.56
- M20 x 2.50: $65.25

**Buy in Package Quantity:**
- Up to 1/2" 3 Per Pack

**TOOLBITS NOT INCLUDED.**
Indexable Turning Tool Sets

Sets include:
- 5 tools in styles TAR, TAL, TBR, TBL, & TE.
- Supplied with 1 insert in each holder.

M100 DEX
3 Pc. Coolant-Thru Indexable End Mill Set
With 1/2" Shanks

Features:
- For use with positive parallelogram, 11° clearance, APKT inserts.
- 4-layer coated carbide inserts, torx screws and torx key.

Supplied in a fitted wooden case.

MTGN Right Indexable Toolholders

MTENN Indexable Toolholders

Korloy PRO-X Mill Indexable Milling Cutter Kits

Indexable End Mills

Indexable Face Mills

MCRO 100 Carbide Inserts

MICRO 100 is a space age, micro grain carbide of excellent quality. It is in a class of its own, resulting from the exclusive treating process. Micro grain carbide has superior rupture strength for exceptional machining versatility. It is also highly shock resistant, it will not chip or break under normal machining conditions and is unexcelled in interrupted cutting. It prolongs tool life in machining all hard stainless steels, and also efficiently performing in exotic metals.

APKT Inserts

CCMT Inserts - 80° Diamond

DCMT Inserts - 55° Diamond

TCMT Inserts - 60° Triangle

Save 20%
**VARDEX**

**External Threading Toolholders**

All toolholders are supplied with 1-1/2° helix angle. Supplied with anvils.

**INSERT SIZE: 3/8” I.C.**

---

**RIDGID**

**Thread Cutting Oils**

<table>
<thead>
<tr>
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<td>-41600</td>
<td>$13.20</td>
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**Part No. Reg.**

- 26.20
- 11.22
- 86.61
- 66.39
- 6.56
- 219.20

---

**VARDEX**

**Internal Threading Toolholders**

All toolholders are supplied with 1-1/2° helix angle.

---

**KORLOY**

**TNMG Carbide Inserts**

**TRIANGULAR**

**FEATURES:**
- Double sided.
- Pin and clamp insert.
- 0° relief angle.
- Use for medium cuts.

**Grade TG-320:** Excellent coated grade for general purpose cuts in steel & steel alloys. Equivalent to P10-P30 grade. Recommended Cutting Speed: 500-1,000 SFM.

**Grade NC-6210:** K-Power coating. Stable tool life in continuous and interrupted turning. Recommended Cutting Speed: 400-700 SFM.

---

**H.B. Rouse & Co.**

**Little Hogger Mills**

**FEATURES:**
- Mill at 5x the speed of hi-speed tools.
- Feed at an average rate of 12” per minute.
- Standard 3/4” diameter.
- No loss of cutter size due to regrinding.
- Weldon shanks.
- Have new cutting edges without removing cutter from machine in less than 1 minute.
- All carbide inserts are standard.

**3 Piece Set**

Model No. HS-134

<table>
<thead>
<tr>
<th>Part No. 1-512-</th>
<th>Net Price</th>
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<tr>
<td>$219.20</td>
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**KORLOY**

**XEKT Carbide Inserts**

**GRADE H01** - Equivalent to K10-K20 grade. Recommended cutting speed 1,000-2,500 SFM. Excellent for aluminum and other non-ferrous metals.

---

**Tmx**

**Cut-Off & Grooving Tool Sets**

**FEATURES:**
- Integral flexible clamping.
- Used on CNC’s and universal turning machines.
- Applies for both right and left hand turning operations.

**SETS INCLUDE:**
- (1) Block
- (1) Blade
- (1) Extractor
- (1) Allen Wrench
- (10) TiN Coated Inserts.

---

**Nu-Clear**

Cutting oils are free of chlorine and other halogens, PCBs and heavy metals.

**Thread cutting oil cools threads and pipe during operation, and speeds metal removal.**

**Recommended Cutting Speed:**
- 400-700 SFM. for high production.
- 500-1,000 SFM. for high productivity.

---

**Nu-Clear Extreme Performance Oil**

- Traditional mineral oil
- K-Power coating. Stable tool life in continuous and interrupted turning.
- Use for medium cuts.

---

**Nu-Clear Thread Cutting Oils**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H1**

- Traditional mineral oil without chlorine and other halogens, PCBs and heavy metals.

---

**Nu-Clear H2**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H3**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H4**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H5**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H6**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H7**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H8**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H9**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H10**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H11**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H12**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H13**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H14**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H15**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H16**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H17**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H18**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H19**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H20**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H21**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H22**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H23**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H24**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H25**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H26**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H27**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H28**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H29**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H30**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H31**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H32**

- Traditional mineral oil with low odor and anti-mist formulation.

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- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H36**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H37**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H38**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H39**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H40**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H41**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H42**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H43**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H44**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H45**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H46**

- Traditional mineral oil with low odor and anti-mist formulation.

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**Nu-Clear H47**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H48**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H49**

- Traditional mineral oil with low odor and anti-mist formulation.

---

**Nu-Clear H50**

- Traditional mineral oil with low odor and anti-mist formulation.
R-8 Round Collet Sets

**FEATURES:**
- Hardened & precision ground.
- Made of high grade steel.
- Internal thread 7/16" - 20.

**13 Pc. Inch Set**
1/8" to 7/8" by 18ths
Part No. 1-519-020
Reg. Net Price $85.00

**19 Pc. Metric Set**
2mm to 20mm by 1mm
Part No. 1-519-019
Reg. Net Price $124.55

**SALE!**
$72.25
$105.87

--

**7-In-1 Heavy-Duty Interchangeable Live Center Sets**

**FEATURES:**
- The rotating spindle is extended right through the tapered shank.
- Two specially designed adjustable needle-roller bearings carry all radial loads.
- A heavy-duty ball thrust bearing takes all axial thrust.
- Complete protection of bearings form the ingress of coolant, dirt or swarf is provided by the built-in oil seal, which also prevents loss of lubricant.

**SALE!**
Save up to 25%

**100TG Precision Single Angle Collets**

**FEATURES:**
- Completely interchangeable with all leading brands.
- Hardened and ground to ensure maximum accuracy.
- Concentricity guaranteed to 0.0004".
- TG collets collapse approximately 1/64".

**SALE!**
Save 20%

**Compound Slide Table**

A heavy, rugged slide used in all kinds of positioning, milling, drilling, microscopec viewing and staging.

**Part No.**
8-400-310

**Reg. Net Price**
$199.00

**SALE!**
$159.20

**SPECIFICATIONS:**
Table ...................................... 12" Height ................................. 4 - 1/2" Travel ... 6 - 1/2" longitudinal, 4 - 1/2" transverse T-Slot Size ......................... 9/16" Weight ......................... 36 lbs.
### KALAMAZOO

**5C Collet Chuck**

**Features:**
- **Dead Length:**
- **No Set-Up!**
- **Hex Key Included.**
- **Collet Not Included.**

For short runs using a 5C collet, chuck this collet holder and you’re ready to go! Lock, 1/2 turn and release at the front; heavy-duty; all steel, hardened and ground; time-saving; drilled and tapped hole at rear of collet chuck for mounting to a plate or AT1CC. Mount in: 4th axis/vertical/horizontal milling/machine centers.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Part No.</th>
<th>Reg. Net Price</th>
<th>Sale Price</th>
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### TECHNIT Lathe & Gear Cutting Tools

**CAT V-Flange Morse Taper Adapters**

**Features:**
- **Morse Taper
dia. at 0.0005” parallelism ±0.0005” and squareness ±0.0005”**
- **Steel jaws and are hardened of cast iron. The solid FORGED STEEL BODY wear-resistance.**
- **Semi-Steel Body Chuck body – made of forged steel, is safe at high lathe speeds.**
- **Plain Back independent jaws – the teeth and guides on both sides are fully hardened & ground.**

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<tr>
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<td>169.15</td>
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### BISON Six-Jaw "SET-TRU" Scroll Chuck

**Features:**
- 6 jaws grip firmly with less pressure and less distortion per jaw. Ideal for thin wall and second operation work. Eliminates the need for spring collets.
- Outstanding accuracy, versatility and long life make BISON “SET-TRU” chucks invaluable in the modern workshop and indispensable in the toolroom.

**Specifications:**
- **Chuck Size**
- **Thru Hole Dia.** 6”
- **Weight** 25 lbs.
- **Maximum RPM** 2500

<table>
<thead>
<tr>
<th>Royal Chuck Stop Sets</th>
<th>Description</th>
<th>Part No.</th>
<th>Reg. Net Price</th>
<th>Sale Price</th>
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<td>1-533</td>
<td>$217.50</td>
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</table>

### Royal Chuck Stop Sets

**Features:**
- The Royal Chuck Stop provides a simple, consistent method for locating short parts in a 3-jaw lathe chuck by allowing short parts to project past the chuck jaws, providing clearance for facing operations.
- Captive, web-shaped design eliminates the danger of using spacers or parallels that could come loose and be thrown from a spinning chuck. Three strong magnets further secure the stop to the chuck face.
- Setup time is greatly reduced – no need to bore soft jaws.
- Slot width can be easily enlarged for wider chuck jaws.
- Anodized finish provides good wear-resistance.

<table>
<thead>
<tr>
<th>Chuck Stop Sets</th>
<th>Description</th>
<th>Part No.</th>
<th>Reg. Net Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Pc Set</td>
<td>1-543</td>
<td>$296.00</td>
<td>265.50</td>
<td></td>
</tr>
<tr>
<td>5 Pc Set</td>
<td>1-543</td>
<td>$313.00</td>
<td>261.72</td>
<td></td>
</tr>
</tbody>
</table>

### PALMGREN Vertical/Horizontal Rotary Indexing Tables

**Features:**
- **360° index rotation.**
- **Graduated dials with thumbscrews for easy “0” setting.**
- **Table top center bore is 1-5/8.”**
- **Tables are for use in either the horizontal or vertical position.**
- **5/8” keyway & bolt lugs are provided on mounting surfaces.**
- **Heavy handles permit smooth movement and do not extend below the base.**
- **Table top and vertical and horizontal bases ground for overall squareness.**

<table>
<thead>
<tr>
<th>Table Dia</th>
<th>Height at 0°</th>
<th>Gear Ratio</th>
<th>Weight lbs.</th>
<th>Part No.</th>
<th>Reg. Net Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8”</td>
<td>3-7/8”</td>
<td>40:1</td>
<td>44</td>
<td>-862</td>
<td>$862.00</td>
<td>$732.70</td>
</tr>
<tr>
<td>10</td>
<td>3-7/8”</td>
<td>40:1</td>
<td>52</td>
<td>1062</td>
<td>$929.00</td>
<td>$809.80</td>
</tr>
</tbody>
</table>

|------------|-------------|----------|----------------|------------|

### Four-Jaw Independent Chucks

**Semi-Steel Body**

The chuck body is made of cast iron. The solid reversible jaws and operation screw are made of high quality carbon steel jaws and are hardened precision ground.

<table>
<thead>
<tr>
<th>Plain Back w/ Solid Reversible Jaws</th>
<th>Description</th>
<th>Part No.</th>
<th>Reg. Net Price</th>
<th>Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6”</td>
<td>-004</td>
<td>$154.40</td>
<td>$131.24</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>-005</td>
<td>$198.00</td>
<td>$168.30</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>-010</td>
<td>$217.50</td>
<td>$184.80</td>
<td></td>
</tr>
</tbody>
</table>
**Jacobs® Plain Bearing Key-Type Chucks**

The Jacobs® Plain Bearing chuck is the world’s most widely used for medium or heavy duty portable bench or floor mounted power tools. This industrial quality chuck, with fully hardened and ground working components, offers exceptionally high accuracy, gripping power and durability. Both heavy and medium duty models are available in a wide range of capacities for use on threaded and taper mounted spindles. **NOTE:** Bit-Jawed Drills are designed and countersunk for retaining screw necessary for reusing tool.

**FEATURES:**
- Made of alloy forged steel.
- Hardened to RC 56-60.
- Face is held perpendicular to center line within 0.0004*.
- Heavy duty locking LH nut and three arbor spacers are included.

**Magnetic Adjustable Links**

For welding and holding steel plates in position. Two heavy-duty Alnico magnetic blocks 2 long x 1 square, linked together with two nickel plated bars with wing nuts for easy angle adjustment.

**Micro Drill Adapter**

**FEATURES:**
- Finger sensitive control.
- Reduced drill breakage. Easier small hole drilling using large high speed machinery.
- Reduction of rejected production parts due to broken drills.
- Consistent precision operation, runs without down time.
- Application to all keyed or keyless model chucks with “0” Jacobs taper mounts.
- Unconditional lifetime warranty.

**Double Angle Collets**

**FEATURES:**
- Full 1/32” range of collapse.
- Concentricity with 0.0004* TIR at collet nose assembled with chuck.
- Interchangeable with all DA collets and collet chucks.
- Self release for rapid, easy operation.

**Straight Shank Stub Milling Machine Arbors**

**HARDENED & GROUND**

**FEATURES:**
- Made of alloy forged steel.
- Hardened to RC 56-60.
- Face is held perpendicular to center line within 0.0004*.
- Heavy duty locking LH nut and three arbor spacers are included.
**SIDEWINDER™ Vises**

The Kurt SideWinder™ is a vise for doing 2nd op work holding the part vertically rather than horizontally. Mounts vertically to the back of any Kurt 6” or 8” vise with an integral bracket. The bracket will include a stabilization leg that will mount to the table on the movable end of the vise and a workstop to position the height of the part.

**FEATURES:**
- Pull type vise.
- AngLock® design.
- Has a stabilizer foot for vibration control.
- Does not interfere with the host vise.
- Patent Pending.
- For doing 2nd op vertical work.
- Machining can be done on both vises in the same setup.
- Vise is at an elevated position which is more conducive to longer reach machining.

**DX6™ Crossover™ Vise**

**FEATURES:**
- DX6™ CrossOver™ vise is a combination of AngLock®, Pull-Type and 4 bolt stationary jaw design.
- AngLock® design reduces stress on body during clamping.
- Pull-type design reduces stress on body during clamping.
- 4 bolt design reduces stationary jaw deflection & alleviates body stress.
- Bed height matched to size 2.875” (73.025mm) ±.0005”.

**Low Profile Drill Press Vises**

**FEATURES:**
- Replaceable jaws.
- Movable jaw on the DPL30 & 40 has a vertical and horizontal V-groove.
- DPL60 smooth jaw; DPL80 stepped jaw.
- Base has four 1/2” shoulder slots for quick, easy positioning on drill press tables.

**Universal 3-Way Angle Milling Machine Vises**

3 Separate Angular Adjustments

**FEATURES:**
- Swivel base graduated 0°-360°.
- Upper angle setting can be inclined from the horizontal to the vertical position.
- Lower angle setting base can incline up to 45° in both left & right direction.

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Jaw Width</th>
<th>Jaw Depth</th>
<th>Jaw Opening</th>
<th>Max. Weight (lbs.)</th>
<th>Part No.</th>
<th>Reg. Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-013</td>
<td>77.01</td>
</tr>
<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-014</td>
<td>80.50</td>
</tr>
<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-015</td>
<td>81.00</td>
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<td>3 1/16”</td>
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<td>1-3/4”</td>
<td>10</td>
<td>-016</td>
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<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-017</td>
<td>91.00</td>
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<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-018</td>
<td>118.00</td>
</tr>
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<td>3 1/16”</td>
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<td>1-3/4”</td>
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<td>-019</td>
<td>156.54</td>
</tr>
<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-020</td>
<td>175.90</td>
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<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-021</td>
<td>200.50</td>
</tr>
</tbody>
</table>

**Small Precision Vises**

**FEATURES:**
- For high accuracy light machining, inspection or marking of precision components. Vise can be used on base, side, end or top.
- Guaranteed tolerance within .005mm/.0002” of parallelism, flatness and squareness with the vise in any mode. Made of high carbon steel, hardened and tempered to ensure stability and accuracy throughout the unit’s working life. The hardness is 58-62 HRC.

**SPECIFICATIONS:**

<table>
<thead>
<tr>
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<th>Max. Weight (lbs.)</th>
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<td>3 1/16”</td>
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<td>10</td>
<td>-014</td>
<td>68.43</td>
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<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-015</td>
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<tr>
<td>3 1/16”</td>
<td>1 1/8”</td>
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<td>90.60</td>
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<td>-020</td>
<td>200.50</td>
</tr>
</tbody>
</table>

**WILSON Shop Vises**

**FEATURES:**
- Replaceable serrated top jaws.
- 360° swivel base with double lockdown for quick and easy positioning.
- Built in pipe jaws handle various pipe sizes.
- Large anvil work surface.
- Rubber pinch point safety guards.
- Designed for general duty applications.

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Jaw Width</th>
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<td>1 1/8”</td>
<td>1-3/4”</td>
<td>10</td>
<td>-020</td>
<td>200.50</td>
</tr>
</tbody>
</table>

**SALE!**

- **$129.96**
- **$149.52**
- **$152.45**
- **$156.54**
- **$175.90**
- **$200.50**
- **$228.91**
- **$242.64**
SPEED BLASTER
Sandblaster
Gravity Feed High Efficiency Sand Blaster

SPECIFICATIONS:
- Operating Pressure: 60-125 PSI
- Working Pressure: 100-125 PSI
- Air Consumption: 12CFM-125PSI
- Min. Air Compressor: 3 H.P.
- Fitting Size: 1/4 NPT
- Container Capacity: 26 oz
- Gun Material: ABS
- Empty Weight: 12 oz
- Max Particle Size: 14 Grit

FEATURES:
- Safety vented tank
- Ceramic nozzle
- Gravity feed
- Adjustable sand flow
- Replaced hardened steel mixing chamber
- Powerful

Part No. 2-011-007R
Reg. Net Price $69.00
$58.65

ABRASIVES

Call: 1-800-521-1740
Fax: 1-800-322-4292
Web: KBCTools.com

SHUR-KUT®/ SHUR-BRITE® Combo 2" Disc Kit Type "S"

Type "S" is equal to SocAtt®, PowerLock II®, & Roloc TSM®.

Each kit contains 35 of the most popular Shur-Kut® and Shur-Brite® Discs in coarse, medium, & very fine. (1) Med. density holder with 1/4" shank.

Part No. 1-613-28313
Reg. Net Price $39.80
$33.83

SHUR-KUT® Ceramic Quick Change Discs

Type "R" and "S"

Premium, self-sharpening grain with advanced grinding aid substantially reduces heat to increase cutting power on harder metals. Durable polyester backing and heat to increase cutting power on harder soft coatings.

FEATURES:
- Light pressure, high temperature applications
- Aggressive cut rate on hard or exotic alloys
- Reduced operator and product fatigue
- Higher, prolonged cut rate

| Size | Type | Grit | Part No. 1-613- | ONLY!
|------|------|------|----------------|-------|
| 2" 100/box | R | 36 | -54566 | $1.06
| | 60 | -54563 | .94
| | 80 | -54560 | .89
| | S | 36 | -54559 | .79
| | 60 | -54556 | .67
| | 80 | -54553 | .64

3" 50/box

| Size | Type | Grit | Part No. 1-613- | ONLY!
|------|------|------|----------------|-------|
| R | 36 | -54576 | $1.06
| 60 | -54573 | .94
| 80 | -54570 | .89
| S | 36 | -54567 | .94
| 60 | -54564 | .89

Y-WEIGHT

Advantage

Finer crystalline grain structure introduces more cutting points under medium pressure, increased amount of smaller cutting points provides a finer finish and longer life.

Y-WEIGHT

FEATURES:
- Continual exposure of fresh, sharp cutting points
- Top size coat educes wheel loading; cooler, free grinding
- Ideal for medium pressure applications

Part No. 1-632-92028
Grading - AA60-MV40
Reg. Net Price $40.40
$33.83

LUTZ
8" File Card

Used for general cleaning of file teeth.

Part No. 1-611-005
$6.98

TRIUMPH PLUS
Surface Grinding Wheels

Balanced - Cool Cutting Vitrified Bond

FEATURES:
- For grinding hardened tool steel.
- Porous composition resists wheel loading; cooler, free grinding
- Best for grinding hard materials or thin, heat-sensitive workpieces

7" x 1/2" x 1-1/4" - 3,600 RPM

| Grit | Part No. 1-704- | ONLY!
|------|----------------|-------|
| 46-H | -050 | $14.40
| 46-I | -052 | $14.40
| 46-J | -054 | $14.40
| 46-K | -112 | $14.40
| 60-H | -114 | $14.40
| 60-I | -116 | $14.40
| 60-J | -206 | $14.40
| 60-K | -238 | $14.40
| 80-K | -272 | $14.40
| 100-K | -276 | $14.40

PREMIUM WHITE GRAIN

3M Scotch-BriteTM Clean & Strip Disc

FEATURES:
- Aggressive, coarse grade, open-web disc engineered to effectively clean welds, remove rust and strip paint
- The open construction and aggressive abrasive properties provide a smooth running wheel that resists loading when removing soft coatings
- Mineral Type: Silicon Carbide
- Max. RPM: 4,000

6" Dia. x 1/2" Hole

Part No. 1-630-00948
Reg. Net Price $17.17
$13.74

SAVE 20%
Zirconia Abrasive Belts

**FEATURES:**
- Zirconia Aluminum
- Full Poly back "Y" weight.
- Strong Zirconia grain and cool grinding aid for longer working life and fast cuts.

**APPLICATIONS:**
- For removing gates and raisers on non-ferrous castings.
- Deburring and polishing of forgings, castings, stainless.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>60 Grit</th>
<th>80 Grit</th>
<th>ONLY!</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 42</td>
<td>-142Z</td>
<td>$2.10</td>
<td>$2.05</td>
<td></td>
</tr>
<tr>
<td>2 x 48</td>
<td>-248Z</td>
<td>$3.48</td>
<td>$3.70</td>
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</tr>
<tr>
<td>6 x 48</td>
<td>-648Z</td>
<td>$10.75</td>
<td>$10.25</td>
<td></td>
</tr>
</tbody>
</table>

No. F-90 White Tallow Base Lubricant

Pure tallow base mixture, serves as lubricant and also fills and closes the belt with a heavy bodied grease film. When applied to fine grit size coated abrasive belts, it permits a glazing or burnishing action. When applied to coarse grit belt operations the grease film is heavy enough to stay on the belt under severe conditions.

6 Pc. Diamond Needle File Sets

Gunsmiths, tool & die makers, jewelers, and stockmakers all rely on needle files to get the job done.

**FEATURES:**
- 36 Grit, fast stock removal.
- Grinds smooth and quiet.
- Reduces labor rates.
- Controlled grinding.
- Superior finish.
- Cool cutting.
- High performance grain.
- Minimizes operator fatigue.
- For aluminum, stainless steel, mild steel, hard face, titanium, alloys.
- Won’t discolor or warp stainless.

**TYPE 27**

Grinding Wheels

**SIGMA GREEN** is an aggressive grinding wheel manufactured with a specially grain and bond combination resulting in a better finish. This is achieved by constructing **SIGMA GREEN** with a layer of coarse grain and a second layer of finer grain.

**EXECUTIVE LISTING!**

**FEATURES:**
- 36 Grit, fast stock removal.
- Grinds smooth and quiet.
- Reduces labor rates.
- Controlled grinding.
- Superior finish.
- Cool cutting.
- High performance grain.
- Minimizes operator fatigue.
- For aluminum, stainless steel, mild steel, hard face, titanium, alloys.
- Won’t discolor or warp stainless.

**Shaviv Deburring Tool Set**

**Mango II**

The Finishing Touch...

Complete with Mango II, Model F blade holder and F20 countersink.

**Part No. 1-457-205K**

**Total Value**

Price $32.01

**$24.99**

**S Tele Set**

Deburs steel, aluminum, plastic, brass and cast iron.

**SET INCLUDES:**
- 1-3 Grip
- 3 Handle
- S Holder
- (S) 10 Blades
- (S) 20 Blades

**Model NG8350**

**Part No. 1-457-535**

**Reg. Net Price**

Price $15.95

**$12.50**

**N80 Blades**

All blades are made of HSS.

**Hardness 62-64 Rc except N80M42.**

**Blade Range**

**Part No. 1-442-**

**ONLY!**

<table>
<thead>
<tr>
<th>Blade</th>
<th>Range</th>
<th>Only!</th>
</tr>
</thead>
<tbody>
<tr>
<td>N80</td>
<td>0” to 15/32”</td>
<td>$3.54</td>
</tr>
<tr>
<td>N80M42</td>
<td>0” to 15/32”</td>
<td>4.75</td>
</tr>
</tbody>
</table>

Subscribe @ KBCTools.com to Get Exclusive Email Offers.

**Addendum:**

- Natural diamond laps provide long life.
- Better than fused aluminum oxide:
  - Last longer
  - Faster 
- Better grain bonding:
  - Higher performance
  - More consistent grain

**Features:**

- One safe (uncut) edge for shoulder filing with one single cut side for a smoother finish.
- One double cut Bastard side is

** FEATURES:**

- For hogging off material quickly.
- One single cut side for a smoother finish.

**APPLICATIONS**

- Grinding
- Deburring
- Polishing

**EZE-LAP**

Round, Half Round, Square, Three-Square, Flat/Warding, Knife

**60-K Grit**

**PREMIUM AZ BLUE ALUMINUM OXIDE**

For HSS 55 Rc and above, high carbon tool steels and woodworking applications. Engineered for free cutting action while pulling heat away from the part and into the matrix of the wheel.

**Bench Grinding Wheels**

**Premium AZ Blue Aluminum Oxide**

For HSS 55 Rc and above, high carbon tool steels and woodworking applications. Engineered for free cutting action while pulling heat away from the part and into the matrix of the wheel.

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**PREMIUM AZ BLUE ALUMINUM OXIDE**

For HSS 55 Rc and above, high carbon tool steels and woodworking applications. Engineered for free cutting action while pulling heat away from the part and into the matrix of the wheel.
**MEASURING & INSPECTION**

### KBC Dial Indicator

**FEATURES:**
- Range: 0.030"
- Graduation: .0005"
- Reading: 0-15-0.
- IP65 water and dust protective rating.
- Jeweled movement.
- Satin chrome finish body.
- Face Diameter: 1-1/2"
- Carbide Contact Points: .040", .080", .120"
- Point Length: 1/2"
- 3 Dovetail Mountings (front, top, rear)
- 2 Dovetail Clamps (3/8" & 5/32"")
- Wrench included.
- 1 year warranty.

**Part No.** 1-815-350  
**Reg. Net Price $57.40**  
**SALE!** $42.95

### Universal Test Indicator Holder

**FEATURES:**
- Ideal for bridgeports.
- Clamping Diameter: 1-7/8"
- Suitable for all popular indicators with 5/32" shank or dovetail.
- Does not disturb the working tool.

**Part No.** 8-100-035  
**SALE!** $14.95

### IP65 Dial Test Indicator

**FEATURES:**
- Range: 0.030"
- Graduation: .0005"
- Reading: 0-15-0.
- IP65 water and dust protective rating.
- Jeweled movement.
- Satin chrome finish body.
- Face Diameter: 1-1/2"
- Carbide Contact Points: .040", .080", .120"
- Point Length: 1/2"
- 3 Dovetail Mountings (front, top, rear)
- 2 Dovetail Clamps (3/8" & 5/32"")
- Wrench included.
- 1 year warranty.

**Part No.** 1-815-350  
**Reg. Net Price $57.40**  
**SALE!** $42.95

### Mitutoyo Dial Indicator Group 2

**FEATURES:**
- 2-1/4" dia. face.
- Continuous dial reading.
- Spindle rack, pinions & pivots of hardened stainless steel.
- Contact point is of hardened, ground and chrome plated tool steel.
- Satin-finish chrome plated forged brass case.
- Lug-on-center back, mounted vertically.
- Accuracy meets Federal Specifications.
- Precision ground hard chrome plated stem.

**SPECSIFICATIONS:**
- Range: 1/2" - 2-1/4" dia.
- Graduation: .001"
- Dial Reading: ...0-100

**Part No.** 1-808-241  
**Reg. Net Price $113.00**  
**SALE!** $96.95

### Electronic Indicators

**Low Cost, High Quality. Multi-Function Indicators**

<table>
<thead>
<tr>
<th>Features</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floating zero</td>
<td>Manual ON/OFF</td>
</tr>
<tr>
<td>Dial Face</td>
<td>2-1/4&quot;</td>
</tr>
<tr>
<td>Tolerance indicators</td>
<td></td>
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<tr>
<td>Carbide tipped point</td>
<td></td>
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<tr>
<td>Resolution: .005&quot; (.01mm)</td>
<td></td>
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<tr>
<td>Direct inch/metric conversion</td>
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<tr>
<td>Absolute/Incremental reading</td>
<td></td>
</tr>
<tr>
<td>Lugback &amp; 3/8&quot; stem mountings</td>
<td></td>
</tr>
</tbody>
</table>

**Range**  
- 0-3/8" (.0-9.5mm)
- 0-1" (.0-25mm)

**Part No.** 54-520-035  
**Reg. Net Price $94.74**  
**SALE!** $80.53

### Universal Magnetic Base with FREE KBC Dial Indicator

**MG61003 BASE FEATURES:**
- Universal swivel clamp holds a 6mm, 8mm, 3/8" stem, dovetail or back lug.
- Arm Length: Bottom - 5.26", Top - 5.24"
- Central locking mechanism with NOGA designed spring loaded bearing.
- Powerful magnet with on/off switch.
- Fast and easy to set up gauges.
- Instant fixation in any position.
- Black finished arms.
- Five axis holder.
- Magnetic Pull: 176 lbs./ft

**INDICATOR FEATURES:**
- 0-1" Range, White Face
- 2-1/4" dial diameter.
- 3/8" diameter stem.
- Lug back.

**Mag Base & Indicator**  
**Part No.** 1-457-910F  
**Total Value $149.95**  
**SALE!** $119.95

### IP54 0-1" Dial Indicator with FREE 22 Pc. Indicator Point Kit

**FEATURES:**
- AGD Group 2
- 2-1/4" dial diameter with continuous 0-100 dial reading, tolerance markers, 0.001" graduations, and revolution counter for wide range of travel.
- Shockproof and designed to measure surface variations in fraction of an inch.
- Stem has 1" travel, rubber bellows, & carbide contact point for use in rugged environments.
- Lug back on a sealed back plate for a range of mounting options.
- IP54 rating and O-ring seals on safety cap, bezel, and rotating dial protection from oil, dust, coolant, and water.
- 1 year warranty.

**Part No.** 1-815-300K  
**Reg. Net Price $38.30**  
**SALE!** $29.95

### KBC Dial Indicator

**FEATURES:**
- 4-48 Thread.
- Tolerance markers.
- Solid brass housing.
- Popular AGD 2 Series.
- Supplied with lug back.
- Carbide tipped contact points.
- Meets ANSI specs for accuracy.

**SPECIFICATIONS:**
- Graduation: .001"
- Range: ......................... 1/2" to 7"
- Dial Reading: .................. 0-100

**Part No.** 52-520-110  
**Reg. Net Price $35.35**  
**SALE!** $28.28
Magnetic Base & Test Indicator Kit

**MAG BASE FEATURES:**
- 2 universal ball sockets
- Microfine adjustment screw
- Extension Screw: 3-9/16"
- Dovetail mounting.

**INDICATOR FEATURES:**
- Range: .030" - .120"
- Diameter Point: .080"
- Reading: .001"
- Graduation: .0005"
- Auto-reversing.

**SPECIFICATIONS:**
- Graduation: .0005"
- Reading: 0-15-0
- Range: .030"
- Tolerance markers.
- Absolute position from the origin at power-on.
- The ID-U always displays the spindle "Absolute Position".
- IDEAL for installation into measuring devices because of its compact design and long battery life.
- Employing the ABSOLUTE linear encoder, the ID-U displays the spindle "Absolute Position" from the origin at power-on.
- Slim type digital indicator with low price.
- Flat back type only no option for backs.
- Thin type digital indicator with low price.
- Large LCD and simple key operation.

**FEATURES:**
- Fine adjustment.
- Base dimensions: 2 x 2-11/32" x 1-13/16"
- On-Off lever release magnet.
- V-base for placing on round surfaces.
- 85 lbs. pull.

**Part No.** 52-585-100
**Reg. Net Price** $117.72

---

**4 Pcs. Combination Square Set**

**GRADUATIONS:**
- 1.0mm/64ths
- .05mm/32nds
- 1.0mm/64ths

**FEATURES:**
- Hardened and tempered blade with satin chrome finish.
- Square head, center head, and protractor hardened and ground.
- Used for layouts, set-ups, checking heights, depths, & setting angles, etc.
- Square head has a level and scriber.

**Part No.** 1-812-001
**Reg. Net Price** $38.80

---

**Toolmaker’s V-Blocks**

A precision-made set for toolmakers and machinists. Made of hardened tool steel, machined and ground to close tolerances. Blocks are approximately 1-1/4" sq. & 1-5/8" long. 1" dia. clamping capacity.

Two Blocks & Two Clamps
**Part No.** 1-805-117
**Reg. Net Price** $29.95

---

**Toolmakers’ V-Block & Clamp**

**FEATURES:**
- Ultimate V-Block for grinding, milling, or drilling.
- Made of hardened and precision ground tool steel.
- The sides are parallel and vee is central and ground.
- Central hole is provided for drilling or removing pins.
- Clamp is smaller than outside width of V-Block and has adjustable side screw for support.
- V-Block has four 3/8-16 tapped holes, two in the base and one on each side for angle iron clamping.

**SPECIFICATIONS:**
- Length ................. 3-1/2"
- Width .................. 1-7/8"
- Height .................. 1-7/8"
- Holding Capacity .... 1-5/16"
- Tolerance ..........0.003"

One Block & One Clamp
**Part No.** 1-397-710
**Reg. Net Price** $47.92

---

**V-Block Set**

**FEATURES:**
- Two V-blocks with approx. 1-1/2" dia.
- Clamping capacity, each measuring 1-1/2" square, and 2" long.
- Two V-blocks with approx. 1" dia.
- Clamping capacity, each measuring 1-1/4" square, and 1-1/2" long.
- Corresponding dimensions for each pair are alike within .0005".
- Surfaces and V-Grooves are square and parallel within .0005".
- 4 Blocks & 4 Clamps

**Part No.** 52-475-500
**Reg. Net Price** $159.30

---

**1-2-3 Block Pairs**

**FEATURES:**
- 1" x 2" x 3" w/ 23 Holes Per Block. Five 3/8"-16 Tapped Holes.
- Parallelism: .0002".
- Precision ground and hardened on all sides.
- Hardness HRC 56-60.
- Ideal for mounting work for precision grinding and layout.

**Part No.** 1-806-003T
**Reg. Net Price** $12.95

---

**Index Dial Indicator & Magnetic Base Kit**

**INDICATOR FEATURES:**
- AGD Group 2, 2-1/4" dia.
- Travel: 0-1"
- Reading: .001"
- Continuous reading: 0-100
- IP54 Water, dust, moisture resistance rating.
- Tolerance markers.
- Lugback and carbide point.
- Robust, shockproof design.
- Rubber bellows on stem.

**MAG BASE FEATURES:**
- Fine adjustment.
- Base dimensions: 2 x 2-11/32" x 1-13/16"
- On-Off lever release magnet.
- V-base for placing on round surfaces.
- 85 lbs. pull.

**Part No.** 1-815-305
**Reg. Net Price** $65.00

---

**Mitutoyo IDU Digimatic Indicator Series 575 - with ABSOLUTE Encoder**

**FEATURES:**
- SPC data output.
- Unlimited response speed eliminates over-speed errors.
- Ideal for installation into measuring devices because of its compact design and long battery life.
- Employing the ABSOLUTE linear encoder, the ID-U displays the spindle "Absolute Position" from the origin at power-on.
- Slim type digital indicator with low price.
- Flat back type only no option for backs.
- Large LCD and simple key operation.

**SPECIFICATIONS:**
- Range ...................... 0-1" (0-25.4mm)
- Graduation .................. .0005" (0.010mm)
- Accuracy .................. .0008"

**Part No.** 1-808-575123
**Reg. Net Price** $170.85

---

**Fowler X-BLOX V-Block Set**

**FEATURES:**
- Two V-blocks with approx. 1-1/2" dia.
- Clamping capacity, each measuring 1-1/2" square, and 2" long.
- Two V-blocks with approx. 1" dia.
- Clamping capacity, each measuring 1-1/4" square, and 1-1/2" long.
- Corresponding dimensions for each pair are alike within .0005".
- Surfaces and V-Grooves are square and parallel within .0005".
- 4 Blocks & 4 Clamps

**Part No.** 52-475-500
**Reg. Net Price** $159.30

---

**Subscribe @ KBCTools.com to Get Exclusive Email Offers.**
0-6" Depth Micrometer
Series 129 - Interchangeable Rod Type

**FEATURES:**
- Satin-chromed finished throughout.
- Ratchet stop for consistent & repetitive measurements.
- Crisp, clear graduations on the thimble.
- Graduation: .001"
- Base Length: 4"
- Includes (6) interchangeable rods.
- Supplied with fitted case.

Part No. 1-808-129132
Reg. Net Price $249.00
$211.65

6" Extended Range Dial Bore Gage Set

**FEATURES:**
- Range: 0.7-6" (up to 10" deep).
- Accuracy: 0.0005" with crisp precision graduations.
- Carbide tip on plunger.
- Full set of attachments and parts included.
- 1 Year Warranty.
- Supplied in a protective case.

Part No. 1-815-400
Reg. Net Price $157.40
$99.95

Electronic Depth Micrometer

**FEATURES:**
- Large LCD display.
- 4" Base: Hardened tool steel, precision ground & microlapped.
- Direct RS232 output.
- Rod Diameter: 0.176"
- Automatic switch OFF.
- Range: 0-6" (0-150mm)
- Resolution: .0005" (.01mm)
- Protected to IP54 Standards.

Part No. 54-225-456
Reg. Net Price $227.07
$181.66

0-6" Electronic Caliper
with Smart Wireless Communication

**FEATURES:**
- Range: 0-6" (0-150mm)
- Accuracy: .001" (.02mm)
- High definition (HD) interface allows connection to most bluetooth enabled devices.
- Extra battery tray and 1" standard included.
- Supplied with NIST certification.
- Heavy duty frame with 4 way measuring.
- Super large display.
- Protected to IP67.
- Replacement battery CR2032.

Part No. 54-100-556BT
Reg. Net Price $185.00
$157.25

Electronic Depth Micrometer
Series 329

**FEATURES:**
- Range: 0-6" (0-150mm)
- 6 interchangeable rods, with lapped measuring end.
- Rod Length Adjusted In: 1" (25mm) increments.
- With measuring rod clamp.
- Base: 4" x .63"
- With SPC output.
- With ratchet stop.
- Automatic switch OFF.
- Supplied in fitted case.

Part No. 1-808-329350
Reg. Net Price $608.00
$516.80

IP54 Absolute Digital Caliper

**FEATURES:**
- Resolution: .0005" (.01mm)
- Unlimited measuring speed.
- IP54 splash water and dust resistant.
- Battery: (1) 3V CR2032 (spare included) with a life of 2 years under normal operation.
- Hardened stainless steel, lapped finished.
- SPC Output with USB connection available.
- Operating Environment: Temp. 32°F - 104°F; Relative Humidity: 80%
- Meets DIN standard 862; ISO 9001 certified manufacturing.
- 2 year warranty.

**SALE!**

<table>
<thead>
<tr>
<th>Range</th>
<th>Accuracy</th>
<th>Part No. 1-815-329122</th>
<th>Reg. Net Price</th>
<th>SALE!</th>
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<tbody>
<tr>
<td>0-6&quot; (0-150mm)</td>
<td>.0005&quot; (.01mm)</td>
<td>$185.00</td>
<td>$143.40</td>
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<tr>
<td>0-12&quot; (0-300mm)</td>
<td>.001&quot; (.02mm)</td>
<td>$319.00</td>
<td>$255.20</td>
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</tbody>
</table>

Electronic Calipers

**FEATURES:**
- Internal Measuring Nibs: .500"
- Resolution: .0005" (.01mm)
- Preset mode now includes offset for inside jaws.
- Inch/metric conversion.
- RS232C Direct output.
- All sizes feature fine adjustment screw.
- Hold feature.
- Includes wooden case.
- Uses SR44 replacement battery.

**SALE!**

<table>
<thead>
<tr>
<th>Range</th>
<th>Jaw/Depth</th>
<th>Part No. 54-100-556BT</th>
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<tr>
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<td>0-40&quot; (0-1000mm)</td>
<td></td>
<td>$225.20</td>
<td>$174.60</td>
<td>$50.60</td>
</tr>
</tbody>
</table>

For more information, visit KBCTools.com

Call: 1-800-521-1740  Fax: 1-800-322-4292  Web: KBCTools.com
Mitutoyo

**Outside Micrometers** Series 103

![Micrometer Image](image)

**FEATURES:**
- Carbide faces
- Clear graduations on satin-chrome finish
- Positive locking clamp
- Baked-enamel-finished frame
- Ratchet stop for exact repetitive readings

```
|---------------------|----------|----------------|------|
| 0-1" (.001"
| 0-2-3 (.001"
| 0-3-4 (.001"

Supplied with a fitted carrying case.
```

### ABSOLUTE Digimatic Depth Gage Series 547

**FEATURES:**
- Wide probing range is available with the supplied 4 pcs. (.5, 1, 2, 4") extension rod.
- Keeps track of the origin point once set for the entire life of the battery.
- Bottom surface of the base is hardened, ground & lapped for highest degree of flatness.
- With SPC data output.
- Function of Digimatic Model: Origin-set, zero-setting, allows measurement from any non-zero starting point of the battery.

```
**SPECIFICATIONS:**
- Range: 0-8" (0-200mm)
- Resolution: ..0005" (.01mm)
- Stroke: 1-808"
- Accuracy: ±.001"

Base Length: 4"
```

**Part No. 1-808-547218S**

Reg. Net Price $503.00

**SALE! $427.55**

---

### 6" Shockproof Dial Caliper with Thumb Roll

**STAINLESS STEEL**

![Dial Caliper Image](image)

**FEATURES:**
- Range: 0-6"
- 4-Way measuring
- Tough shockproof design
- .001" (.02mm) reading dial face
- .001" (.02mm) marking graduations
- Sharp, clear dial graduations
- Sharp, black graduations on satin finished bar
- Adjustable bezel
- Knife-edge contacts
- Hardened stainless steel bar, measuring surfaces, rack, gears & depth rod

**White Face**

Part No. 1-815-105
Reg. Net Price $49.95

**SALE! $34.97**

---

### Mitutoyo ABSOLUTE Coolant Proof Calipers Series 500 with ABSOLUTE Encoder

**FEATURES:**
- IP67 means it’s immune to coolants, dirt, grit, and chips.
- Certificate of inspection provided on 6" model.
- No SPC Output

```
<table>
<thead>
<tr>
<th></th>
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<tr>
<td>0-6&quot; (0-150mm)</td>
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<td>97.47</td>
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</tbody>
</table>

```

### Fowler Dial Calipers

**FEATURES:**
- Accuracy: ±.001"
- Dial Graduation: .001"
- IP67 protection level, enabling use in environments exposed to cutting oil, etc. Anti-corrosion treatment is required after use.
- Certificate of inspection is included. (50mm2 or less range models) *It is not the type used to obtain calibration certificates.
- Supplied in plastic fitted case.

**SALE!**

---

### Fowler Electronic Coolant Resistant Micrometers

**FEATURES:**
- Large LCD display.
- Accuracy: .00016"
- Direct RS232 output.
- Automatic switch OFF.
- Carbide measuring faces.
- Resolution: .00005" (.001mm)
- Absolute & incremental modes.
- IP54 Protection
- Sizes over 1" (25mm) include standard.

**Part No. 54-860-103**
Reg. Net Price $405.25

**SALE! $344.46**

---

### Starrett Dial Calipers Series 3202

**FEATURES:**
- Sharp, clear dial graduations.
- Thumb-operated fine adjustment roll.
- Lock screws *provided on 6" model.
- Sharp, black graduations on satin finished bar.
- Adjustable bezel.
- Knife-edge contacts.
- Hardened stainless steel bar, measuring surfaces, rack, gears & depth rod

**Part No.**
Reg. Net Price

**SALE!**

---

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---

*MEASURING & INSPECTION*
MEASURING & INSPECTION

Digital Count Dial Height Gage & Surface Plate Set

**HEIGHT GAGE FEATURES:**
- Graduation: .001"
- Dial Reading Digital Counter: .01"
- Double digital counter can be zero-set at any height within range by depressing zero-set button.
- Features a large feed wheel for coarse & fine vertical adjustments.
- Bottom surface hardened & ground.
- Carbide tipped scriber.

**Part No. 8-135-9100**
Reg. Net Price $219.95

![Digital Count Dial Height Gage & Surface Plate Set](Image)

**SAVE OVER 20%**

**Mitutoyo HDS Digimatic Height Gage with Absolute Encoder**

**Series 570 - with Output**

**FEATURES:**
- Resolution: .0005" (.01mm)
- Accuracy: ±.002"
- Feed wheel
- Can easily measure the height of small parts.
- Unlimited response speed.
- Absolute encoder for direct measurement from power on.
- Easy-to-read, large LCD display, 6 digit & minus sign (-).
- Economical energy-saving design.
- Functions include: Zero-Setting (ABS & INC modes), Presetting (ABS & INC modes), Hold/Data Button, Inch/mm Conversion, Data Output, Error Alarm, Low Battery Alarm, ON/OFF, Origin.
- Battery Life (SR44): Approx. 20,000 hrs.

0-24" (0-600mm)
Part No. 1-808-570314
Reg. Net Price $1160.00

**Mitutoyo Stainless Steel Center Gage**

**FEATURES:**
- Made of hardened, spring tempered steel with satin chrome finish.
- Micro-fine graduations 1/100ths and 1/1000ths throat gage for measuring the feel, appearance, and texture of one of our individual (larger) standards specimen scale sets, quick and easy comparisons can be made, thus eliminating the production time, and stopping the production of scrap caused by poor finishes.

**Stainless Steel Center Gage**

**Mitutoyo 4 Pc. Small Hole Gage Set**

**Series 154**

**FEATURES:**
- Extra long for gaging deep and shallow holes, slots and similar work.
- Gaging surface is full-round with a flat bottom and is fully hardened to ensure long tool life.

Range: .118" to .511"
Part No. 1-808-154901
Reg. Net Price $115.00

![Stainless Steel Center Gage](Image)

![Mitutoyo 4 Pc. Small Hole Gage Set](Image)

**Starrett Drill Point Gage**

**FEATURES:**
- Tool can also be used as a plain rule, hook rule, depth gage, and slide caliper.
- The hook rule has accurate, machine divided graduations in 8ths, 16ths, quick reading 32nds & 64ths.
- Hook is adjustable and can be shortened or extended to either side of the rule, and may be removed if desired.
- The head is beveled to 59°, and is also graduated in 32nds along the 59° face for measuring the drill tips which should be of equal lengths.
- The sliding head may be adjusted to any position along the rule and locked by a thumb nut.

**Starrett Taper Gage**

**FEATURES:**
- Can also be used as a precision shim.
- Useful for bearing work and gaging slots.
- One side is graduated from .010" to .150" in thousands of an inch and the reverse side from .035mm to 4mm in one-tenth of a mm (.005mm).
- Made of quality tool steel 7/16" (11mm) wide by 6-1/4" long and is accurately tapered throughout its entire length for quick and convenient measuring.

**Starrett**

**Composite Set of Surface Roughness Standards**

**Made Of Solid Electro-Formed Nickel**

**A Truly International Set With Markings In AA (micro inches) and Metric in Ra (micrometers).**

Includes Wallet and Instructions
Part No. 8-302-16008
Reg. Net Price $115.00

**$10350**

3 Specimens Flat Lapping: 2.4 & 8 µ”AA
3 Specimens Reaming: 16, 32 & 63 µ”AA
6 Specimens Grinding: 2, 4, 8, 16, 32 & 63 µ”AA
6 Specimens Horizontal Milling: 16, 32, 63, 125, 250 & 500 µ”AA
6 Specimens Vertical Milling: 16, 32, 63, 125, 250 & 500 µ”AA
6 Specimens Turning: 16, 32, 63, 125, 250 & 500 µ”AA

The scale conforms to S.A.E. and military specifications for visual and tactile inspection. Composite Set No. 16008 as shown here consists of 30 specimens 7/8" x 3/8" of electro-formed solid nickel. Each type of surface finish, such as flat lapping, reaming, grinding, horizontal milling, vertical milling, and turning, is truly and consistently reproduced so as to give the operator or designer a realistic idea of the feel, appearance, and texture of one of our individual (larger) standards specimen scale sets, quick and easy comparisons can be made, thus eliminating the production time, and stopping the production of scrap caused by poor finishes.

[Call: 1-800-521-1740 Fax: 1-800-322-4292 Web: KBCTools.com]
Digital Force Gage Kits

DFG Series - Basic Digital Force Controller
The DFG is our basic force gage. The gage measures force at an accuracy of better than 0.2% full scale. The DFG is ideal for basic tensile and compression testing. Test setup and operation is fast, efficient and easy for anyone. The DFG display shows the test direction and dynamic load during testing. Results are displayed at the completion of testing, including “Pass- Fail” when tolerance is applied. The gage will display statistics when results are saved to the gage’s internal memory. Store up to 50 test results in local memory.

DFC Series - Advanced Digital Force Controller
The DFC is a revolutionary concept for force measurement using a handheld force gage. The DFC may be used as a high-accuracy handheld force gage or as a digital controller for use with the FMM Digital Force Testers. The DFC can serve as a universal interface where you set up your tests and where you configure load limits, distance limits, break limits, crosshead travel direction, crosshead speed and more. The DFC features a measurement accuracy of 0.1% full scale with internal data sampling at 25kHz. Display resolution is 10,000:1. The DFC features Bluetooth®, USB and RS-232 communications plus digital I/O.

Machinists’ Improved Levels
Series 98 with Ground & Graduated Vials

FEATURES:
• Ground and graduated main vials.
• Adjustable to a positive setting.
• Base of the levels feature an involute groove running the length of base, providing a reliable seat for round work.
• With the cross test level, it’s possible to simultaneously level in both directions.
• Case not included.

Stainless Steel Protractor
For setting of bevels, transferring of angles. From 0° to 180° in opposite directions, with 6° protractor arm. Heads are 3-3/8" W by 2" H.

Half Round Head
Part No. 1-397-18
Reg. Net Price $9.50

Mitutoyo

Edge & Center Finders
Hardened and ground to precision tolerance.
* The Combo Type has a double head, with an edge finder on one end and a center finder on the other.

Edge
Part No. 1-808-050102
Reg. Net Price $14.95

Combo
Part No. 1-808-050104
Reg. Net Price $16.66

Mitutoyo

6 Pc. Technical Measuring Set

SET INCLUDES:
• 6” Dividers
• 6” Pocket Rule
• 6” Inside Caliper
• 6” Outside Caliper
• 4” Brass Vernier Caliper
• 6” Angular Depth Gage

Part No. 1-397-676
Reg. Net Price $28.62

Wiggler & Center Finder
Wiggler & center finder with the snap-in snap-out ball socket. Used for accurately locating spindle centers, locating of work points on drill presses, milling & other machines.

Part No. 1-397-389
Reg. Net Price $9.95

Stainless Steel Protractor

$760

Edge & Center Finders

$1271

Mitutoyo

DPC Advanced Digital Force Controller

FEATURES:
• Hook, notch, chisel, flat, chisel and point adapter.
• 6” extension rod.
• USB cable.
• Testing accessories.
• Quick reference guide.
• NIST-traceable certificate of calibration.
• Carrying case.

DFG Series - Basic Digital Force Controller

SALE!

SALE!

Starrett

Retail Price
$246.00

Reg. Net Price
$209.10

Digital Force Gage Kits

SALE!

SALE!

DFG Series - Basic Digital Force Controller

DFC Series - Advanced Digital Force Controller

SALE!

SALE!
Spark-Duty™ Copper

Series 2400S

FEATURES:
• Spark-Duty™ copper plated spindle extends the life of the clamp by protecting the spindle and pad from harmful welding spatter.
• Ergonomic Wilton Grip® has anti-fatigue properties and provides comfort during repetitive clamping.
• Drop-forge arm provides minimal flex under heavy work loads.
• Quick-Twist pads are simple and fast to replace with a v-groove pad included in every box, or optional serrated pad.

Reg. Net Price $ 27.52
Part No. -86440

Black Oxide

Drop-Forged "C" Clamps

FEATURES:
• Swivel pads.
• Drop-forged heat-treated steel frame.
• Your choice of spindles and pads.
• Black oxide coated to resist corrosion, or copper coated to resist weld splatter.

SALE!

FEATURES:
For face, end or slot milling, plus turning, drilling, and boring.
Includes materials and tool settings combined with DOC & WOC to solve all your speed and feed calculations.
It gives you step-saving drill and thread chart look-ups, right triangle solutions, bolt-circle patterns, a larger 2-line LCD display, and much more.
Portable, rugged, and cost-effective handheld calculator.

INCLUDES:
• Armadillo gear protective hard case.
Steel Feeler Gage Stock 1/2" x 12" Strips

FEATURES:
• Thickness is clearly etched every 6" in decimal and metric.
• Material is ground and polished to precision tolerances.
• Used in manufacturing and maintenance operations wherever setting close spacing or checking extremely tight tolerances is required.
• Hardened and tempered to RC 48-62.
• Made from 1/2" wide spring steel stock, close grain C1095 high carbon steel.
• 12" lengths are individually wrapped for protection & convenience.
• Meets FED-GGG-G-17C

Knurled Knobs

FEATURES:
• Black shiny finish.
• Suitable for many adjustment, clamping, or locating devices.
• Knurled head provides non-slip finger grip.

Machinist Clamping Set

SET INCLUDES:
• (6) T-Slot Nuts
• (6) Flange Nuts
• (4) Coupling Nuts
• (6) Step Blocks
• (6) Serrated End Clamps
• (24) Studs, 4 each:
  • 3", 4", 5", 6", 7", 8" lg.

Packaged Brass Shim Stock 6" x 100" Brass Rolls

HORIZONTAL HANDLE HORIZONTAL BAR HOLD-DOWN

VERTICAL HANDLE HOLD-DOWN

LOW SILHOUETTE PLUNGER
Jaws 55 Ton Punch Pressure Ironworker
5 HP, 230V, 3 PH
Model 55T
Part No. 6-700-215
$11,299.00
FINANCE AS LOW AS $259.88/mo.
CALL FOR DETAILS

55 Ton hydraulic powered punching capacity with open tooling station, built-in stations for shearing plate and angle iron.

SPECIFICATIONS:
- Throat Depth: 7
- Max. Capacity: 1-3/8" Dia., 1/2" Plate
- Largest Standard Punch/Die: 1-1/16"/1-1/4"
- Opt. Sized Table: 1-9/16" Punch/1-5/8" Die
- Bar Shear Rounds/Squares: 1-1/8"
- Flat Max. Thickness: 3/4" x 4"
- Flat Max. Width: 1/2" x 12-3/8" x 14"
- Angle Shear Max. Size: 3" x 3" x 3/8"
- Shipping Weight: 2,100 lbs.

Call us for punches & dies and all the other available accessories for these versatile machines.

FREE TOOLING with Purchase of any KBC Mill / DRO Package

$202.95 Value!

Turret Milling Machines

SPECIFICATIONS:
- Table Size: 9" x 49"
- Longitudinal Travel Manual Model: 35" Longitudinal Travel w/Power Feed: 31"
- Cross Travel / Knee Travel: 12" / 16"
- Table To Spindle min-max.: 0-18-3/4"
- Power Quill Feeds: .0017"/.0032"/.0053" Quill Travel: 5"
- Spindle Motor: 3 HP, 230/460V, 3 PH Shipping Weight: 2,700 lbs.

Model TUM-1VS
Part No. 6-265-007
$7,700.00
FINANCE AS LOW AS $177.10/mo.
CALL FOR DETAILS

Complete with NEWALL DP-500 2-Axis Digital Readout & Table Feed INSTALLED!

Part No. 6-265-007-N5
$9,195.00
FINANCE AS LOW AS $211.49/mo.
CALL FOR DETAILS

Heavy Duty Milling Machines

SPECIFICATIONS:
- Table Size: 10" x 54" Longitudinal Travel Manual: 32" with Power Feed: 28" Cross Travel: 16" Knee Travel: 16" Table to spindle min-max.: 16-5/8" Spindle to column at 90°: 5" - 22" Spindle Speeds: 70 - 4,200 RPM Spindle Taper: R8 Power Quill Feeds (per rev.): .0017/.0032/.0053 Quill Travel: 5"
- Spindle Motor: 3 HP, 230/460V, 3 PH Shipping Weight: 3,500 lbs.

Model TUM-3VS
Part No. 6-265-006
$8,620.00
FINANCE AS LOW AS $198.26/mo.
CALL FOR DETAILS

Complete with NEWALL DP-500 2-Axis Digital Readout & Table Feed INSTALLED!

Part No. 6-265-006-N5
$10,115.00
FINANCE AS LOW AS $232.65/mo.
CALL FOR DETAILS

CALL FOR DETAILS
JET 20-1/2" Floor Drill Press

FEATURES:
- 20-1/2" swing.
- 1" drilling capacity.
- Supplied with 3/4" capacity drill chuck.
- Spindle travel 4-5/8"/3MT spindle taper.
- Max. spindle distance to table 29-1/8".
- 12 spindle speeds: 150-4,200 RPM.
- 1-1/2 HP, 1 PH, 115/230V motor; prewired 115V.
- Shipping Weight: 375 lbs.

Model JDP-20MF
Part No. 6-200-039
$1,153.90

1-1/2" Capacity Geared Head Drill Press

FEATURES:
- 24" swing.
- Power quill feed.
- 4 MT spindle taper.
- 8 speed geared head.
- 1-1/2" drilling capacity.
- Foot pedal operated instant reverse switch for tapping.
- .75/.5 HP Motor, 230V, 3 PH.
- Shipping Weight: 660 lbs.

Model 600B
Part No. 6-225-005
$5,095.00

10" x 54" CNC Vertical Milling Machine

FEATURES:
- 10" x 54" hardened and ground table with precision hardened ground ways.
- 3 HP, 3 PH motor.
- Acu-Rite G2 CNC control ieasy to learn and simple to use.
- Control features canned cycles for all regular milling and drilling jobs, just fill-in the blanks to complete a program.
- Reliable mechanical V.S.
- Mill head delivers full torque over entire speed range.
- Heavy-duty box ways on knee and column with extra-wide saddle for added rigidity.
- Shipping Weight: 3,200 lbs.

Model TUM-3VS-G23
Part No. 6-225-006-G23
$27,720.00

KENT USA Vertical Machining Center

FEATURES:
- AC hi-torque spindle motor dual wound high/low.
- Spiral type chip conveyor.
- ALL AC digital Servo motors (X, Y + Z) CAT-40 taper spindle.
- Extra-large roll out flood coolant system with automatic oilskimmer.
- Full enclosure with extra wide opening and removable side doors.
- Precision extra-side linear ways for smooth rapid traverse and high accuracy.
- Halogen work light.
- Oversized C-3 grade precision ground ball screws.
- 10,000 RPM hi-performance spindle with spindle chiller.
- Certified Meehanite castings with heavy-duty extra wide linear guide ways and 5 carrier blocks.
- Auto lubrication unit with metered check valves.
- Direct coupled Servo motors for ultra precision.
- Fanuc O-MD 3-axis CNC control with 8.4" color monitor with 2 gig flash drive and Ethernet.

SPECIFICATIONS:
- Table Travel .................. 24"
- Saddle Travel (Y-axis) ........... 18.1"
- Rapid Travel (x, y + z) ........ 1,417"/IPM
- X, Y + Z Axis Feed Motor ... 3.35 HP
- Spindle Center To Column .... 19.7"
- Spindle Motor .................. 15 HP, 230V, 3 PH
- Spindle Speeds ................. 10,000 RPM
- Spindle Taper ................. CAT-40
- Spindle To Table ............... 3.9"-22"
- Max. Tool Diameter .......... 3"
- Max. Tool Length ............. 5.9"
- Max. Tool Weight .......... 12.1 lbs.
- Tool Change Time ............ 3.7 sec.
- Tool Holder .................. CAT-40
- Tool Storage Cap 16
- Table Size .................. 18" x 28"
- Max Cutting Feed Rate ...... 590 IPM
- Max Work Load ............... 660 lbs.
- Shipping Weight .............. 8,540 lbs.

Model KVR-2418
(24" x 18" x 18" X/Y/Z)
Part No. 6-273-100
$58,195.00

FINANCE AS LOW AS $1,314.04/mo.
CALL FOR DETAILS

DON'T SEE THE MACHINE YOU NEED?
Shop KBCTools.com or email us with your specific needs at machinery@KBCTools.com.

Subscribe @ KBCTools.com to Get Exclusive Email Offers.
**MACHINERY**

**Vertical Tilt Frame Bandsaw**

FEATURES:
- Large 14" x 20" cutting capacity at 90°, 14" x 13" at 45°.
- Infinitely variable blade speeds from 50-400 ft./min. via A.C. inverter speed control - full motor torque through entire speed range!
- Infinitely variable feed from 0-150 lbs. (via air/hydraulic system).
- Tilt frame design enables angle cuts without having to move the stock.
- Shipping Weight: 1,300 lbs.

Model TF-1420
Part No. 6-398-006

$13,795.00

FINANCE AS LOW AS
$317.29/mo.
CALL FOR DETAILS

---

**Horizontal/Vertical Bandsaw**

**JET**

**Horizontal/Vertical Bandsaw**

FEATURES:
- Portable, take to the job & plug it in.
- 3/4 HP, 115V, 1 phase.
- Built in coolant system.
- Hydraulic feed control.
- 7" round & 7" x 11" rectangular capacity.
- 4 blade speeds.
- 3/4" x 93" blade.
- Shipping Weight: 400 lbs.

Model BAH-712
Part No. 6-280-005

$1,099.00

FINANCE AS LOW AS
$317.29/mo.
CALL FOR DETAILS

---

**Automatic Cycle Bandsaws**

**KBC**

**Model BS-15A SHOWN**

FEATURES:
- Cast iron construction.
- Full auto cycle.
- 3 HP drive motor.
- 1" bi-metal blade.
- Shipping Weight: 2,100 or 2,500 lbs.

Model BS-12A
Part No. 6-275-007

$10,995.00

FINANCE AS LOW AS
$252.89/mo.
CALL FOR DETAILS

Model BS-15A
Part No. 6-275-009

$13,295.00

FINANCE AS LOW AS
$305.78/mo.
CALL FOR DETAILS

---

**14-1/2" Capacity Gravity Feed Vertical Saw**

FEATURES:
- 1 HP Motor, 1 Phase.
- Accepts blades from 1 1/4"-3/4" wide.
- Accurate gravity feed with hydraulic speed control and depth stop.
- Speeds (4): 70-525 SPM
- Rugged simple construction for easy maintenance and long service life.
- Shipping Weight: 700 lbs.

Model EF
Part No. 6-398-005

$5,195.00

FINANCE AS LOW AS
$119.49/mo.
CALL FOR DETAILS

---

**9" x 16" Horizontal Bandsaw**

**KBC**

FEATURES:
- 1 HP Motor, 1 Phase.
- Accepts blades from 1"-3/4" wide.
- Accurate gravity feed with hydraulic speed control and depth stop.
- Speeds (4): 70-525 SPM
- Rugged simple construction for easy maintenance and long service life.
- Shipping Weight: 700 lbs.

Model BAH-916
Part No. 6-271-025

$2,695.00

FREE

Spare H.S. Blade Included
$70.00 Value!

Call: 1-800-521-1740
Fax: 1-800-322-4292
Web: KBCTools.com
**16" Heavy Duty Cut-Off Saw**

**FEATURES:**
- Vise swivels to 45°.
- Heavy-duty cast iron frame upper & lower.
- Motor: 5 HP, 230V, 3PH
- Spindle Speed: 3,000 RPM
- Capacity: Pipe - 3", Round Solid - 2"
- Shopping Weight: 258 lbs.

**COMPLETE WITH:**
- Wheel Kit
- ON/OFF Switch
- Manual & Parts List
- (1) 16" x 1" Abrasive Wheel

**Model COS-16**
Part No. 6-100-010
$835.00

---

**12" Disc & 6" x 48" Belt Heavy-Duty Combination Sander**

**FEATURES:**
- 1-1/2 HP, 115V.
- 1 PH motor.
- Precision ground cast iron tables.
- On/off toggle switch with safety key.
- Cabinet style stand with power coated paint.
- Heavy-duty mitre gauge.
- Quick-change belt release.
- Shipping Weight: 230 lbs.

**Model WS1712**
Part No. 6-397-WS1712
$705.00

---

**6" x 18" Manual Surface Grinder**

Complete with flood coolant system, 6" x 18" permanent magnetic chuck, grinding wheel & wheel mount.

**Model SG-618**
Part No. 6-271-015
$6,895.00

**FINANCE AS LOW AS $158.59/mo. CALL FOR DETAILS**

**FEATURES:**
- 2 HP Motor, 230V, 3PH
- Balancing base and arbor for precision balancing of grinding wheel.
- Cartridge-type grinding spindle with precision spindle bearings.
- Roller ways for smooth effortless table travel.
- Double "V" saddle way design for precision cross travel.
- One-shot lube system provides oil to all sliding surfaces.
- Max. Distance Spindle to Table: 15-3/4"
- Shipping Weight: 1,850 lbs.

---

**20" Disc Sander/Grinder**

**FEATURES:**
- Heavy-duty cast iron construction.
- Hand wheel for raising and lowering table.
- Powerful 2 HP direct drive motor with 3 PH.
- For use on all materials; wood, metal & plastics.
- 20" solid metal disc is high speed balanced for smooth vibration free operation.
- Shipping Weight: 550 lbs.

**Model DS-20**
Part No. 6-150-010
$1,490.00

---

**6" x 18" Manual Surface Grinder**

Complete with full coolant system, 6" x 18" permanent magnetic chuck, grinding wheel & wheel mount.

**Model KGS-618M**
Part No. 6-273-003
$8,845.00

**FINANCE AS LOW AS $203.44/mo. CALL FOR DETAILS**

**FEATURES:**
- Cartridge spindle with ABEC-7 precision spindle bearings.
- Double "V" saddle ways, H-frame column design and heavy weight.
- Oversize spindle housing and flange mount design allows heavier grinds than with other similar size machines.
- Ultra high column with 21" spindle to table.
- Roller ways for smooth effortless table travel.
- Construction gives this machine exceptional rigidity.
- Shipping Weight: 2,500 lbs.

---

**5 Gallon Pail of GRINDZAL™**

Pure Synthetic Grinding Coolant
Part No. 1-133-065
FREE

with Purchase of any Surface Grinder

$99.40 VALUE!

---

**10" x 20" 3-Axis Auto Feed Surface Grinder**

**FEATURES:**
- 10" x 20" grinding capacity.
- Automatic lubrication system.
- 3-axis automatic movement with incremental downfeed in .001" steps.
- Precision hand scraped turtice table & saddle ways.
- Rapid elevation motor for quick and easy positioning.
- High column design with 19" spindle center to table.
- Shipping Weight: 3,400 lbs.

**Model SGS-1020AHD**
Part No. 6-273-015
$21,150.00

**FINANCE AS LOW AS $477.57/mo. CALL FOR DETAILS**
**13" x 40" Heavy-Duty Precision Lathe**

Complete with 7" 3-jaw chuck, chuck guard, steady rest and follow rest, 4-way indexable toolpost, coolant system with full length rear splash guard, halogen work light, toolbox with tools, manual & parts list.

**FEATURES:**
- 5 HP 2-speed drive motor, 230V, 3 PH.
- ISO 9001 Certified Factory.
- 16 spindle speeds, 50-2,570 RPM.
- Shipping Weight: 2,440 lbs.

**Model TRL-1340**
Part No. 6-273-056
$11,495.00
FINANCE AS LOW AS $264.39/mo.
CALL FOR DETAILS

**14" x 40" CNC Lathe**

**FEATURES:**
- Fagor 8055i CNC Control.
- Programmable flood coolant.
- 7.5 HP Servo drive spindle motor.
- Induction hardened and ground ways.
- Rigid FC30 castings with extra ribbing.
- Extra large precision ground ball screws.
- Alloy steel gears that are hardened and ground.

**Model CSM-1440CNC**
Part No. 6-273-056
FINANCE AS LOW AS $42,150.00
CALL FOR DETAILS

**SPECIFICATIONS:**
- Swing Over Bed / Cross Slide... 14" / 8-5/8"
- Distance Between Centers ........... 40"
- Width of Bed ........................ 8"
- Spindle Nose / Bore ................ D1-4 / 1.5"
- Spindle Taper ......................... 5 MT
- Spindle Speeds ....................... 50-3,000 RPM
- Cross Slide Travel (X Axis) .......... 8"
- Longitudinal Travel (Z Axis) ........ 33"
- Tailstock Quill Dia. / Travel 1-3/4" / 4-3/4"
- Voltage/Phase ....................... 230V / 3 PH
- Shipping Weight ..................... 2,750 lbs.

**26" & 30" Swing Heavy-Duty Lathes**

with 4-1/2" Spindle Bore

**FEATURES:**
- Center sleeve.
- Threading dial.
- Hardened & ground gears and spines.
- Hardened & ground cross slideways & bedways.
- Solid full-length cast iron base.
- Precision rigid spindle with 3-point support.

**SPECIFICATIONS:**
- Swing Over Bed ....................... 26" / 30"
- Bed Width ................................ 15.75"
- Swing Over Cross Slide ............... 17.3" / 21.3"
- Width of Gap w/Faceplate ............. 11.8"
- Distance Between Centers ... 80" / 160"
- Spindle Speeds (12) ................. 10-1,000 RPM
- Thread Cutting Range
  - Inch (44) .......................... 2-56 TPI
  - Metric (39) ....................... 0.5-14 mm
- Spindle Motor ....................... 15 HP, 230/460V, 3 PH
- Spindle Bore ......................... 4-1/2"
- Spindle Nose ......................... D1-11
- Tailstock Taper ....................... 5 MT
- Shipping Weight ..................... 6,900 lbs. / 11,800 lbs.

**Model HW-2680**
(26" x 80"")
Part No. 6-273-072
$31,750.00
FINANCE AS LOW AS $716.92/mo.
CALL FOR DETAILS

**Model HW-30160**
(30" x 160"")
Part No. 6-273-079
$46,595.00
FINANCE AS LOW AS $1,052.12/mo.
CALL FOR DETAILS

**FEATURES:**
- Follow Rest
- 15" 3-Jaw Chuck
- Thread Milling
- Manual & Parts List
- Roller Jaw Steady Rest
- 4-Position Carriage Stop
- 4-Way Indexable Toolpost
- Coolant System with Full Length Rear Splash Guard
- 2-Way Rapid Traverse on Apron

**COMPLETE WITH:**
- 7" 3-Jaw Chuck
- Chuck Guard
- Steady Rest
- Follow Rest
- 4-Way Indexable Toolpost
- Coolant System with Full Length Rear Splash Guard
- 2-Way Rapid Traverse on Apron

**16" x 40" Precision Toolroom Lathe**

**FEATURES:**
- 6 HP spindle motor, 3 PH.
- 16" swing x 40" between centers.
- 16 spindle speeds, 45-1,800 RPM.
- D1-6 camlock spindle with 3-point bearing support.
- Large 2" spindle bore.
- Shipping Weight: 3,400 lbs.

**Model GRIP-1640GH**
Part No. 6-269-009-N5
$11,495.00
FINANCE AS LOW AS $264.39/mo.
CALL FOR DETAILS
**12" x 36" Precision Toolroom Lathe**

**FEATURES:**
- 9 spindle speeds, 70-1,400 RPM.
- 12" swing x 36" between centers.
- D1-4 spindle mount, 1-1/2" bore.
- All gear head, hardened and ground ways.

**Model GRIP-1236E**
Part No. 6-660-010

$4,365.00

FINANCE AS LOW AS $100.40/mo.
CALL FOR DETAILS

**13" x 40" Precision Toolroom Lathe**

**FEATURES:**
- 2 HP spindle motor, 1 PH.
- 13" swing x 40" between centers.
- 8 spindle speeds, 70-2,000 RPM.
- D1-4 spindle mount, 1-1/2" bore.
- Floor model with full-length rear guard.
- All gear head, hardened and ground ways.

**Model GRIP-1340G**
Part No. 6-269-008-005

$5,515.00

FINANCE AS LOW AS $126.85/mo.
CALL FOR DETAILS

Complete with **NEWALL DP-500 Digital Readout INSTALLED!**
Part No. 6-269-008-N5

$7,240.00

FINANCE AS LOW AS $166.52/mo.
CALL FOR DETAILS

**High Precision Engine Lathes**

**FEATURES:**
- 7.3 HP main spindle motor, 12 speeds.
- D1-8 camlock, 3.2" spindle bore.
- Hardened and ground gears and bedways.
- Solid one-piece cast iron base.
- Inch dials & leadscrews.
- Centralized lube system in headstock.
- Full-length safety foot brake.

**Model KLS-1840G**
(18" x 40")

Part No. 6-273-070

$15,150.00

FINANCE AS LOW AS $342.09/mo.
CALL FOR DETAILS

$15,300.00

FINANCE AS LOW AS $345.00/mo.
CALL FOR DETAILS

**Model KLS-1860G**
(18" x 60")

Part No. 6-273-071

$16,045.00

FINANCE AS LOW AS $362.30/mo.
CALL FOR DETAILS

$18,365.00

FINANCE AS LOW AS $414.68/mo.
CALL FOR DETAILS

**3-Jaw Self-Centering Scroll Chucks**

Direct Mounting D-1 Camlock Series with 2-Piece Reversible Jaws.

**HARDENED & GROUND SCROLLS & JAWS**

**SEMI-STEEL BODY**

<table>
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<tr>
<th>Size</th>
<th>Spindle</th>
<th>Weight (lbs.)</th>
<th>Part No. 8-311</th>
<th>Reg. Net Price</th>
<th>SALE!</th>
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Made In Czech Republic.

Limited Quantities
While Supplies Last.

**save 35%**
GUARDAIR®

1500 Gun Vac®

FEATURES:
- Tapered nose accepts standard 1-1/4" Vac® accessories.
- Convenient hanging eyelet.
- 1/4" NPT optional rear air inlet.
- Comfortable contoured trigger.
- High filtration collection bag.
- Infernal stiffener keeps bag from sagging and wearing.

INCLUDES:
- Gun Vac
- 9" Crevice Tool
- High Filtration Collection Bag

More Information

Reg. Net Price $23.15

Part No. 1-816G-1500

$77.95

GUARDAIR®

Whisper Jet Safety Air Gun

FEATURES:
- Reduces noise 6-20 dB compared to conventional air guns.
- Meets OSHA standards.
- Rugged hanging hook.
- 1/4" FNPT inlet.
- Solid conical tip design prevents blockage of nozzle.
- Durable cast aluminum body.

Model 80WJ

Part No. 1-816G-80WJ

Reg. Net Price $24.22

Model 80WJ

Part No. 1-816G-1500

Reg. Net Price $93.49

COILHOSE PNEUMATICS

10’ FLEXCOIL® Polyurethane Air Hose

FEATURES:
- Outstanding coil memory.
- Provided with swivel fittings.
- Toughest recoil hose available.
- Resistant to most oils and fuels.
- Highly kink and abrasion resistant.
- Straight tails provide built-in whip hose.

SPECIFICATIONS:
- Coiled Length (less pigtails) ...... 6’
- Inside Hose Diameter ............... 1/4”
- Outside Hose Diameter ............ 3/8”
- Fittings .......................... (2) 1/4” Swivel

Part No. 1-816-PU1410B

Reg. Net Price $20.94

COILHOSE PNEUMATICS

770 Pistol Grip
Blow Gun

FEATURES:
- Variable flow trigger.
- Fixed nozzle prevents removal of safety nozzle.
- Lightweight polymer construction.

Model 770-S

Part No. 1-816-014

Reg. Net Price $12.65

Part No. 1-816-PU1410B

Reg. Net Price $11.39

12 PIECES

SALE!

$20.94

Mitutoyo

KA-200 Digital Counter

FEATURES:
- Many high end functions packed into this standard counter.
- Large LED display is sharp, bright, and easy to see at a distance.
- The positive touch front panel keys are solid and easy to push with fast response. The sub display lets you know what function you are currently using.
- Excellent addition to manual machine retrofit packages.

2 Axis KA Counter

Part No. 1-808-174183A

Reg. Net Price $587.00

3 Axis KA Counter

Part No. 1-808-174185A

Reg. Net Price $864.00

$528.30

$777.60

AT715 Linear Scales

FEATURES:
- Detects and outputs in ABSOLUTE position. Position information not lost if power interruption. No reference point set-up needed at power on.
- Submersible in coolant.
- Shock resistant.

Range

Part No. 1-808- Net Price

6” (150mm)........ S-39802 $299.00
8” (200mm)........ S-39803 $299.00
10” (250mm)...... S-39805 $299.00
12” (300mm)...... S-39807 $366.00
16” (400mm)...... S-39809 $366.00
20” (500mm)...... S-39811 $366.00
24” (600mm)...... S-39813 $366.00
30” (750mm)...... S-39814 $366.00
36” (900mm)...... S-39816 $366.00
40” (1000mm).... S-39817 $366.00

SALE!

$269.40

$288.90

$328.50

$341.16

MCR Safety

Clear Lens Safety Glasses

FEATURES:
- Flexible bayonet temples.
- Exclusive Duramass® scratch resistant coating.
- Polycarbonate lens provides near total orbital seal.
- Rugged polycarbonate lens filters 99.9% of harmful UV rays.

Part No. 1-711-CK110

Reg. Net Price $20.00

Part No. 1-711-005

Reg. Net Price $9.40

$20.00

$9.40

30

Call: 1-800-521-1740
Fax: 1-800-322-4292
Web: KBCTools.com
**General Purpose Maintenance Socks**

FEATURES:
- Absorbs most non-aggressive fluids, oil or water based.
- Highly absorbent sock for industrial maintenance.
- The sock ‘skin’ allows fluids to pass through quickly to the absorbent fill inside.

**Maxi Torque-Rite® Power Drawbars**

FEATURES:
- Not a simple adaptation of a standard air tool, this unit is designed specifically as a power drawbar attachment.
- Virtually eliminates tools slipping in RB collets on heavy cuts.
- Unique design has less moving parts and o-rings to ensure years of trouble-free service.

1 YEAR LIMITED WARRANTY

**EDGE TECHNOLOGY**

**Pro Tram System**

FEATURES:
- To use the Pro Tram simply lower unit to the table and adjust the head until both indicators read the same.
- Guaranteed to be equal to or better than any other trammimg method or spindle squaring device available.
- Can be used with a sine bar or sine plate to adjust the head to precise angles.
- Calibration procedure accounts for any error introduced by worn collets.
- Large 2.2” easy-to-read indicator faces.
- Body made from red anodized aluminum.
- Indicator Repeatability: 0.0002”
- Indicator Graduation: 0.001”

**INCLUDES:**
- Filter Regulator
- Lubricator
- Drawbar
- Extra-Long Air Hoses
- All Mounting Hardware

**Machinery Mounts**

**LOW SERIES**

FEATURES:
- Extra tough rigid design.
- Extra tough support screw.
- Complete range of sizes with long screw length.
- Solid finish quality rubber base.
- Supplied with bolts, nuts & washers.

**INCLUDES:**
- Calibration Gage
- Manual Gage
- Padded Case

**STANLEY Wet/Dry Vac**

**NEW! OVERSTOCK SHOP SPECIAL**

*Save over 25%*

Portable Stainless Steel Series

4 GALLON, 4.0 PEAK HP

FEATURES:
- Lightweight and compact, with a handle on top for easy carrying.
- Convenient, built-in power cord wrap.
- High performance motor with max. power.
- Large switch button with waterproof design.
- Swiveling casters provide convenient multi-direction maneuverability.
- On-board accessories storage.
- Sealed Pressure: 60” of water
- Power Cord: 10’
- Airflow: 85 CFM
- Weight: 13.70 lbs.

Model SL18129

Part No. 1-926-8100415
Reg. Net Price $87.46

$64.99

**3-Drawer Dispensers**

**Fractional Drill Dispenser**

FEATURES:
- Drill compartments hold several dozen drills in the smaller sizes.
- For fractional drills 1/16” to 1/2” by 64ths.

Huot No. 1

Part No. 1-030-001
Reg. Net Price $87.00

$73.95

Tap Dispenser

FEATURES:
- Stackable
- 1-Piece drawer slide.
- Finished with tough epoxy powder coating.
- For fractional drills 1/16”-20 to 1”-12.

Huot No. 13500

Part No. 1-030-007
Reg. Net Price $95.00

$80.75

**Quill Stop**

For Milling Machines

FEATURES:
- Sturdy aluminum.
- Fast on-off clip action.
- Rigid & positive clamping.
- Easy & rapid quill depth setting.
- Increase productivity - reduces cost.

1/2”-20 Threads

Part No. 1-541-QS20
Reg. Net Price $7.15

$4.95
FLUIDS

10 oz. Pistol Pump Oiler
With 5" Rigid Spout

FEATURES:
• Wide base for added stability.
• Powder coated copper bronze finish with zinc plated top cap.
• Zinc die-cast high pressure pump with precision ground piston.
• Pump stays primed for instant use.
• Drawn from highest quality steel, with double-seamed or copper-brazed, leakproof joints.

Part No. 1-914-625
$11.37

Saw Blade Wax Stick
Grade F

FEATURES:
• Adds longer tool life to saw teeth.
• Prevents burning, clogging, chatter, and tearing.
• Water soluble, non-toxic, non-irritating, and biodegradable.
• Anti-heat properties in the formulation work by keeping the wax on the saw blade, reducing the tendency for spin-off.
• "Safety-Grip" fiber tube with extended hollow end.

Part No. 1-443-6056
Reg. Net Price $10.70

TRICO
DL MAGNUM Spray Cooling System

FEATURES:
• Independent liquid and air controls.
• Heavy-duty metal nozzle conduit offers maximum durability; nozzle stays in position.
• 60 lb. mounting magnet stays in place while offering maximum flexibility.
• Pick-up filter prevents clogging.
• Check valve minimizes delay of fluid delivery upon start-up.
• Increased chip clearing power and reduced overspray.

SPECIFICATIONS:
Supply Pressure ............ 60-120 PSI
Inlet Fitting ... 1/4" NPT or 1/4" BSPT

Part No. 1-439-30633
Reg. Net Price $169.90
$144.42

Toolmakers Ink Blue

FEATURES:
• Dries instantly; will not peel, flake, or rub off.
• Heat resistant, non-corrosive formula.
• Ultimate coverage for accurate scribbling without glare.
• Excellent adhesion to all metals, aluminum, & glass.
• Easily removed with #6095 Toolmaker's Ink Remover.

Part No. 1-125-6001
12 oz. Aerosol Can
$6.51

Toolmakers Ink Remover

SPECIFICATIONS:
Part No. 1-125-6095
10.5 oz. Aerosol Can
$5.97

BUY A CASE OF 12
AND SAVE 10%!

Ink Remover

Special solvents remove inks without bothersome residues. Can also be used as a paint stripper. Safe and convenient aerosol application.

Little GIANT
NO-KORODE
Submersible Pump

FEATURES:
• 1/4" male NPT outlet equipped with a filter screen which is easily removed for cleaning.
• Highly corrosion-resistant pump motor housing of metal & glass-filled polymer which aids in heat dissipation.
• Oil-filled pump may be used in vertical or horizontal applications.
• Nylon impeller and pumping head with smooth inlet.
• Must be operated submerged.

SPECIFICATIONS:
Gallons Per Hour ............. (1) 210
.................................... (3) 180
.................................... (5) 150
PSI .................................. 6'
Cord Length ..................... 6'

Part No. 1-440-526003
Reg. Net Price $154.75
$119.99

Loctite
Natural Blue
Cleaner & Degreaser

FEATURES:
• Non-toxic.
• Non-caustic.
• Non-flammable.
• Phosphate free.
• Contains no chlorinated or petroleum solvents.
• Pleasant cherry scent.

1 Gallon
Model SF 7840™
Part No. 1-444-82251
Reg. Net Price $34.72
$31.25

Pferd
Hand / Nail Cleaning Brush

FEATURES:
• Dependable ergonomically designed scrub brush for general purpose scrubbing and cleaning.
• Removes paint, oil and other foreign substances off smooth & rough surfaces.

Part No. 1-613-89533
Reg. Net Price $4.35
$3.92

Memphis Gloves
NitriShield Stealth Xtra
Disposable Gloves

FEATURES:
• 6 mil, 12" length.
• Black color hides soiling.
• 100% disposable black Nitrile.
• Textured finish.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Reg. Net Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large</td>
<td>-6062L</td>
<td>$2.12</td>
</tr>
<tr>
<td>Extra Large</td>
<td>-6062XL</td>
<td>$2.12</td>
</tr>
</tbody>
</table>

100 PER BOX

For details visit KBCTools.com

Call: 1-800-521-1740 Fax: 1-800-322-4292 Web: KBCTools.com
TITAN
5 Pc. 11" Plier Set

FEATURES:
• Serrated jaw provides greater gripping power.
• Long reach design allows for greater access in tight hard to reach areas.

SET INCLUDES:
• 11" Straight Long Nose Plier.
• 11" Flat Nose Plier.
• 11" 45° Long Nose Plier.
• 11" 90° Long Nose Plier.
• Large Hose Grip Plier.

Part No. 1-909-60769
Reg. Net Price $34.50

TITAN
148 Pc. Master Security Bit Set

Assortment of the most popular and hard-to-find bits for many different applications.

Contains Phillips, Slotted, Square, Star, Pozi, SAE Hex, Metric Hex, Tamper Resistant Star, Clutch, Spline, Spanner, Tri-wing and Quad-Wing drive bits.

SET INCLUDES:
• 3-1/2" Magnetic Bit Holder.
• Quick-Release Bit Holder.
• 1/4" Driver Socket Adapter.

Supplied with injection molded storage case.

Part No. 1-909-6118
Reg. Net Price $39.95

Olea
Disposable Concealed Blade Safety Knife

FEATURES:
• Ultra-sharp stainless steel blade.
• Protected blade exposure for ultimate safety.
• Large tethering loop helps avoid loss.
• Flow-through cutting channels cuts up to 4mm (0.16") materials.
• NSF Rated for food handling use.
• Integrated tape splitter nose for quick and easy cutting.

FOR CUTTING:
• Bagged Goods.
• Plastic Strapping Bands.
• Safety Belt Harness.
• Stretch/Shrinkwrap.

Model SK-15/10
Part No. 1-821-113639
Reg. Net Price $32.85

TITAN
5 Pc. Hammer Set

Comfortable, textured handles for handling ease.

SET INCLUDES:
• 16 oz. Ball Pein Hammer.
• 32 oz. Ball Pein Hammer.
• 32 oz. Rubber Mallet.
• 3 lb. Sledge Hammer.
• 3 lb. Cross Pein Hammer.

Part No. 1-909-63125
Reg. Net Price $72.74

Bondhus
22 Pc. ColorGuard™ Ball End L-Wrench Set

FEATURES:
• Superior rust protection finish.
• Sizes are stamped on the tool.
• Ball End inserts into screw at a 25° angle.
• Color-coded to be distinguished at a glance.
• ColorGuard™ is a color-coded protective finish; durable color-coded finish for superior protection and easy tool identification.

Combo Inch / Metric
#69673 (.050" thru 3/8") & #69699 (1.5mm thru 10mm)
Part No. 1-927-69600
Reg. Net Price $53.25

Model 11R
LOCKING "C" CLAMPS

FEATURES:
• Wide opening jaws provide greater clamping in a variety of shapes.
• Swivel pads hold tapered work, awkward fabricating jobs, and delicate projects without damaging work surfaces.

SPECIFICATIONS:
Size .................. 11" Jaw Adjustment ... 0-3-3/8" Throat Depth ........... 2-5/8"

Model 11R® - Regular Tipped
Part No. 1-820-11R
Reg. Net Price $23.22

Model 11SP® - Swivel Pad Tipped
Part No. 1-820-11SP
Reg. Net Price $24.98

Subscribe @ KBCTools.com to Get Exclusive Email Offers.
**POWER / AIR TOOLS**

**JET**

**1/4” Extended Die Grinder**

**SPECIFICATIONS:**
- **Collet Size:** ........1/4”
- **Speed:** .................23,000 RPM
- **Average Air Consumption:** .3 CFM
- **Air Inlet:** ............1/4” NPT
- **Air Pressure:** ..........90 PSI
- **Horsepower:** ...........1/2 HP
- **Overall Length:** .........13-3/16”
- **Tool Weight:** ..........1.41 lbs.

**FEATURES:**
- **Full-size, lightweight aluminum construction.**
- **Extended design for additional reach.**
- **Variable-speed throttle with safety lock.**
- **Rugged, ball-bearing design for durability.**

Model JAT-402
Part No. 3-JAT-402
Reg. Net Price $79.99

**$67.99**

**NEW!**

**Call: 1-800-521-1740**
**Fax: 1-800-322-4292**
**Web: KBCTools.com**

---

**BOSCH**

**4-1/2” Small Angle Grinder**

**FEATURES:**
- **Lock-on/off for extended use applications.**
- **Sealed switch - Keeps debris out of the mechanism and extends switch life.**
- **Spindle lock for quick wheel changes.**
- **Service Minder® brushes -**
  - Eliminates guesswork, stops the tool when preventative maintenance is required.
- **Epoxy coated field windings -**
  - Provides protection against abrasive dust and metallic debris.
- **2-position auxiliary handle.**

**INCLUDES:**
- Abrasive Wheel.
- Guard.
- Auxiliary Handle.
- Flange Kit.
- Spanner Wrench.

Part No. 1-833-1375A
Reg. Net Price $82.00

**$69.70**

---

**Drill Doctor**

**3 YEAR WARRANTY!**

**Precision Drill Bit Sharpener**

**FEATURES:**
- **E-Z Align System**
  - **Eliminates guesswork, stops the tool when preventative maintenance is required.**
  - **Quick change diamond wheel -**
    - **grind for heavily damaged bits.**
  - **Restores a full range of bits to like-new sharpness in less than 60 seconds!**

Model DD750X
Part No. 1-817-DD750X
Reg. Net Price $154.95

**$139.95**

---

**ROTOZIP**

**SS560-30 Spiral Saw Kit**

**FEATURES:**
- **Constant speed technology maintains power and speed under load.**
- **Integrated dust port reduces airborne debris for a cleaner work area.**
- **Spiral and wheel cutting capability is combined in one tool extending functionality.**
- **Serviceable motor brushes help extend tool life.**
- **RotoZip Connect attachments extend tool versatility into even more types of cuts.**

**SPECIFICATIONS:**
- **Variable Speed:** ....15,000 - 30,000 RPM
- **Voltage/Amp:** ........120V/6 AMP

Part No. 1-829-560
Reg. Net Price $142.41

**$113.93**

---

**DEWALT**

**1/2” 20V MAX XR Lithium-Ion Brushless Premium Hammerdrill Kit**

**FEATURES:**
- **DEWALT®-built high power, high efficiency brushless motor 650 unit watts out (UWO) max power.**
- **Performance delivers up to 57% more run time over brushed.**
- **0-34,000 BPM for fast drilling in masonry materials.**
- **Heavy-duty 1/2” metal ratcheting chuck with carbide inserts for superior bit gripping strength.**
- **LED light with 20 sec. trigger release delay provides increased visibility in dark or confined spaces.**
- **XR Li-ion batteries with fuel gauge provide 33% more capacity over standard packs.**
- **Compact Size - 8.4” front-to-back length and lightweight 4.7 lbs.**

**KIT INCLUDES:**
- Charger.
- Belt hook.
- 360° side handle.
- On-board bit holder.
- DCD995 1/2” hammerdrill.
- (2) 20V MAX XR high capacity Li-ion batteries (4.0Ah).

Supplied with a kitbox.

Part No. 1-826-DCD995M2
Reg. Net Price $424.30

**$339.44**

---

**MILWAUKEE**

**Electromagnetic Drill Presses**

**FEATURES:**
- **For use on any flat ferrous material 1/2” & thicker.**
- **Line lock-out prevents tool from operating should voltage be restored to an interrupted line when switch is locked in the “on” position.**
- **Forward/reverse & feedback speed control.**
- **Full wave magnetic holding power.**
- **Superior cutting tool performance.**
- **Solid state electric switching.**
- **Automatic base/chip de-mag.**
- **Automatic electronic soft-start.**
- **Computer controlled reverse.**
- **Motor/magnet interlock.**
- **Base control panel includes variable speed adjusting for motor.**

**Part No. 1-800-521-1740**
**Fax: 1-800-322-4292**
**Web: KBCTools.com**

---

**ELECTROMAGNETIC DRILL STAND ONLY**

**SPECIFICATIONS:**
- **No Load Speed:** ..........0-450/0-1,300/0-2,000 RPM
- **Clutch Settings:** ..............6-7,650/0-22,100/0-34,000 BPM

**DRILL MOTORS**

**Voltage/Amp**

<table>
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</tr>
<tr>
<td>120</td>
<td>1”</td>
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**ERG!**

**DRILL STAND**

**VOLTAGE**

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</tbody>
</table>

**FDH!**

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Call: 1-800-521-1740
Fax: 1-800-322-4292
Web: KBCTools.com
Horizontal/Vertical
5C Rapid Index

FEATURES:
• Terminal "A" provides 6 positions 50 each respectively.
• Terminal "B" provides 8 positions 45 each respectively.
• Terminal "C" provides 12 positions 30 each respectively.
• Terminal "D" provides 24 positions 15 each respectively.
• Parallelism 0.00078", Squarcness 0.00078", Center height: 3.937".

5" Accu-Chuck
With Solid Jaw
Part No. 8-585-005
Reg. Net Price $830.00
$581.00

SALE!
Part No. 8-550-005
Reg. Net Price $895.00
$626.50

Bison Semi-Finished
Threaded Back Plates

For 3-lawn, plain back, self-centering chucks.

Carbide Tipped Drills
118° POINT

Stub Drills
Performs well in limited access areas or where extra rigidity is required.

Jobbers Length Drills
Designed to perform in a wide variety of normal conditions in both machine & portable drilling.

WIRE GAUGE SIZES

LETTER SIZES

Kalamazoo
10" Chop Saw
The big capacity K10 has the weight, power, & built-in accuracy for all round versatility, long service life.

SPECIFICATIONS:
Wheel Diameter ............. 10" Arbor Size ............. 5/8" Cutting Capacity Pipe .................. 2-1/2" Rectangular ............. 1-1/2" Round .................. 1-1/2" Square .................. 1-1/2" Motor ....... 3 HP, 220/440V, 3 PH

Part No. 2-001-K10SW3
Reg. Net Price $940.00
$705.00

Maxus
20 Gallon Cast Iron
Air Compressor

FEATURES:
• Rugged cast iron, 2 cylinder, oil lubricated pump.
• Rugged handle & beefy tires.
• 5.8 average SCFM at 90 PSI.
• Up to 5,000 hours of pump life.
• 5 peak / 2 running HP.
• Excellent portability.
• Voltage: 120/240V.

Weight: 148 lbs.
Part No. 6-399-EX8300
Reg. Net Price $562.00
$421.50

Metal Sandblast Cabinet
With Dust Collection

FEATURES:
• Seams are welded and sealed to keep dust inside cabinet.
• Automatic air-shut-off prevents blasting while tops are open.
• Side opening for easy access, even for heavy and bulky items.
• Cabinet front is slanted to reduce back fatigue.
• Can be used with most blasting abrasives for cleaning, deburring and finishing metal products, dies and tooling.

Comes with a foot operated nozzle (not pictured).

Model 3824

Cyclone Manufacturing

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Master Catalog
Over 860 Pages of
our Best Products
PLUS thousands
of New Items added!
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ATTN: PURCHASING DEPARTMENT

Legacy Workforce® Series
Pistol Grip Grease Gun
The highest standards for engineering and craftsmanship are built into every Workforce® Grease Gun.
Model L1325
Part No. 1-914L-L1325
Reg. Net Price $30.80
FEATURES:
• Heavy-duty die cast head construction for maximum durability & longer service life.
• Positive grip follower handle.
• 4-Jaw coupler.
• 12” flexible extension.
• Non-slip knurled barrel.
• Filler nipple port provided.
• Durable follower rod and spring.

NEBO Slyde+ Flashlight & Work Light With FREE Holster
New SLYDE+ is now equipped with programmable memory settings for each light mode, a new C.O.B red light function, a 4x adjustable zoom and instant slide on.
FEATURES:
• C.O.B work light automatically turns on when opened and off when closed.
• 4 Light Modes - Flashlight, work light, red, & red flash.
• Includes (4) “AAA” batteries.
Part No. 1-541-6525H
Total Value $29.99
$26.99

Marley Industrial Floor Circulator
1/8 HP, 2.6 AMPS
SPECIFICATIONS:
CMF ........................................ 5,500 / 4,600 / 3,400
Cord ............................ 10’ Long, 3 Conductor SJT Type
Blade .................................. 18” Painted Steel
Guards .................. Double Locking, Chrome Plated
Fan Head Tilt .................. 360°
Weight .................. 17 lbs.
Sleeve bearing open drip proof permanently lubricated.
Model No. I-18
Part No. 1-822-024
Reg. Net Price $148.47
$124.95

WEB: KBCTools.com | PHONE: 1-800-521-1740 | FAX: 1-800-322-4292