Product Line Card 2023

10,000+ Problem Solving Tools  |  #WorkLikeAChampion
Dear Valued Champion Cutting Tool Customer,

First, thank you for being a great customer and for your ongoing loyalty. We appreciate being your trusted supplier for professional cutting tools and abrasives.

This past year was a busy one at Champion. We celebrated a milestone anniversary – 125 years! We are proud to be a multi-generational family business. By doing business with Champion, you are working with people who are invested in your success, and the success of the hard-working tradespeople who operate our tools.

Behind the scenes, we have prioritized investing back into our company. Supply chain disruption over the last couple of years tested everyone in the industry. We have increased our capacity and inventory levels. It is essential that we provide you with the high service levels that you have come to expect from Champion.

In fun news, Champion tools like the Brute XSR Step Reamers and Brute RZR Circular Saw Blades have gained widespread popularity. Users in the manufacturing, gas and energy, and commercial construction industries have embraced these innovative, solution-oriented tools. Our newest brand, Mercer (Champion acquired Mercer Industries in Fall 2020), is gaining fans from serious tool users in the manufacturing and steel fabrication industries. Mercer flap discs have passed rigorous quality tests in some of the world’s top manufacturing facilities. Our wire wheels and brushes are being used to fabricate large pipes for agricultural equipment and our metal cut-off wheels are being used to fabricate train cars.

In January, we proudly launched our newest Magnetic Drill Press – The RotoBrute AC42 VariBrute. With the capability to both drill and tap, we believe this mag drill will add value and increase productivity for users. Stay tuned for more innovations. Thank you for your support! We hope you have a healthy, fun, and rewarding year!

Lowell Frey
President, 5th Generation Owner

Allison Frey
Chief Marketing Officer, 6th Generation Owner
Quality Cutting Tools You Can Rely On
- Twist Drills
- Step Drills
- Taps
- Dies
- Carbide Tipped Hole Cutters
- Carbide Burs
- Reamers
- End Mills
- Countersinks
- Sheet Metal Cutters

High Performance Cutting Tools
- Twist Drills
- Taps
- Power Tapper
- Carbide Tipped Annular Cutters
- Circular Saw Blades
- Reamers
- Step Reamers
- End Mills
- Countersinks
- Cutting Lubricants

The Ultimate Hole Cutting System
- Magnetic Drill Presses
- Hammer Bits
- Rebar Cutters
- Hammer Core Drills
- Hammer Chisels
- Floor Scrapers
- Tile Drills
- Rotary Masonry Drills
- Spade Bits
- Auger Bits

Concrete, Masonry, Tile, & Wood
- High Performance Cutting Tools
- The Ultimate Hole Cutting System
- Cutting, Grinding & Finishing

Cutting Tools
- Bonded Abrasives
- Coated Abrasives
- Carbide Blades
- Diamond Blades
- Wire Wheels & Brushes
- Pipe Cutting Guides
- Files
- Safety Products
Tools By Industry Application

CONSTRUCTION
Commercial, Residential, Infrastructure, Architectural Metal & Glass

INDUSTRIAL
Manufacturing, CNC Machining, Milling, Aerospace, Automotive, Water Utilities, Energy, Oil & Gas, Mining

STEEL FABRICATION
Structural Steel (Beam Fabrication), Truck & Trailer Frame Fabrication, Bridge Fabrication, Railroad Fabrication, Fencing & Railing Fabrication, Sign Fabrication, Steel Window & Door Fabrication, Ship Fabrication

MAINTENANCE, REPAIR & OPERATIONS
Municipalities, Automotive, Aerospace, Agriculture, Elevator, Power Plants, Food Processing, Hospitality, Entertainment, Technology, Universities, Water Utilities, Energy, Oil & Gas

MECHANICAL, ELECTRICAL & PLUMBING
HVAC, Electrical Systems, Plumbing

Floor Preparation Products Also Available - Contact Champion For More Info
Champion offers hundreds of different tool sets to choose from. Many sets are organized with popular sizes for specific trades. Sets are a convenient and secure way for professional tool users to organize their favorite tools. Visit championcuttingtool.com for our full offering of sets.

Sets For Every Industry

- Twist Drills
- Drill Dispensers
- Drill & Tap Indexes
- Reamers
- Taps & Dies
- Step Drills
- Carbide Burs
- Carbide Tipped Hole Cutters
- File Sets
**Metal Cutting - Drills**

<table>
<thead>
<tr>
<th>Twist Drills</th>
<th>Extra Long Drills cont.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Twist Drills</strong></td>
<td><strong>Extra Long Drills cont.</strong></td>
</tr>
<tr>
<td>XL5 Heavy Duty Jobber*</td>
<td>1212 12” Longboy 1/2” Shank</td>
</tr>
<tr>
<td>Sizes - 1/16 to 1/2&quot;, Letters &amp; Numbers</td>
<td>Sizes - 17/32 to 1”</td>
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<tr>
<td>Drill Stainless Steel &amp; Tough Alloys</td>
<td>9” Usable Flute Length</td>
</tr>
<tr>
<td>XL28 Heavy Duty Mechanics Length*</td>
<td>7012 12” Aircraft Extension*</td>
</tr>
<tr>
<td>Sizes - 1/16 to 1/2”, Letters &amp; Numbers</td>
<td>Sizes - 3/4 to 1/2”</td>
</tr>
<tr>
<td>Drill Stainless Steel &amp; Tough Alloys</td>
<td>Numbers For Precision Drilling</td>
</tr>
<tr>
<td>705C Cobalt Jobber*</td>
<td>7006 6” Aircraft Extension*</td>
</tr>
<tr>
<td>Sizes - 1/16 to 1/2”, Letters &amp; Numbers</td>
<td>Sizes - 3/4 to 3/8”</td>
</tr>
<tr>
<td>Drill Stainless Steel In Drill Press</td>
<td>Numbers For Precision Drilling</td>
</tr>
<tr>
<td>700T TIN Coated Jobber*</td>
<td>CS12X 12” Aircraft Extension*</td>
</tr>
<tr>
<td>Sizes - 1/16 to 1/2”</td>
<td>Sizes - 1/8 to 1/2”</td>
</tr>
<tr>
<td>For High Production CNC Drilling</td>
<td>Numbers For Construction &amp; Maintenance Drilling</td>
</tr>
<tr>
<td>XGO BlackGold Jobber*</td>
<td>CS5X 6” Aircraft Extension*</td>
</tr>
<tr>
<td>Sizes - 1/16 to 1/2”, Letters &amp; Numbers</td>
<td>Sizes - 1/16 to 1/2”</td>
</tr>
<tr>
<td>Drill Medium to Hard Alloys</td>
<td>Numbers For Construction &amp; Maintenance Drilling</td>
</tr>
<tr>
<td>705SP Split Point Jobber*</td>
<td><strong>Screw Machine “Stub” Drills</strong></td>
</tr>
<tr>
<td>Sizes - 1/16 to 1/2”, Letters &amp; Numbers</td>
<td><strong>Reduction Shank Drills</strong></td>
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<tr>
<td>Drill Medium to Hard Alloys</td>
<td>XM28 Heavy Duty Mechanics Length*</td>
</tr>
<tr>
<td>705 General Purpose Jobber</td>
<td>Sizes - 25/64 to 1/2”</td>
</tr>
<tr>
<td>Sizes - 1/64 to 11/16”, Letters &amp; Numbers</td>
<td>Drill Stainless Steel &amp; Tough Alloys</td>
</tr>
<tr>
<td>Drill Low to Medium Alloys</td>
<td>XL38 Heavy Duty 3/8” Shank*</td>
</tr>
<tr>
<td>USHD Split Point Jobber*</td>
<td>Sizes - 25/64 to 1/2”</td>
</tr>
<tr>
<td>Sizes - 1/16 to 1/2”, Letters &amp; Numbers</td>
<td>Drill Medium To Hard Alloys</td>
</tr>
<tr>
<td>Drill Low to Medium Alloys</td>
<td>XG38 BlackGold 3/8” Shank*</td>
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<tr>
<td>US5 General Purpose Jobber</td>
<td>Sizes - 25/64 to 1/2”</td>
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<td>Drill Medium To Hard Alloys</td>
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<tr>
<td>Drill Low to Medium Alloys</td>
<td>738 3/8” Shank</td>
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<tr>
<td><strong>Hex Shank Drills</strong></td>
<td>Sizes - 25/64 to 11/16”</td>
</tr>
<tr>
<td><strong>Metric Drills</strong></td>
<td>Drill Low to Medium Alloys</td>
</tr>
<tr>
<td><strong>Silver &amp; Deming 1/2” Shank Drills</strong></td>
<td><strong>Taper Shank / Taper Length Drills</strong></td>
</tr>
<tr>
<td>XL12 Heavy Duty S&amp;D**</td>
<td>702 Taper Shank Drills</td>
</tr>
<tr>
<td>Sizes - 3/32 to 1/2” &amp; 33/64 to 1-1/2”</td>
<td>Sizes - 1/2 to 1”</td>
</tr>
<tr>
<td>Drill Stainless Steel &amp; Tough Alloys</td>
<td><strong>Left Hand Twist Drills</strong></td>
</tr>
</tbody>
</table>
| 712CO Cobalt S&D** | XL5LH Heavy Duty Left Hand Drills*
| Sizes - 17/32 to 1-1/2” | Sizes - 5/64, 7/64, 5/32, 1/4 & 19/64” |
| Drill Stainless Steel In Drill Press | **Screw Extractors** |
| XG12 BlackGold S&D** | X1 Spiral Flute Screw Extractors |
| 4 Flattened Shank - Sizes - 33/64 to 1-1/2” | Sizes - 1 to 12 (sets available) |
| Drill Medium To Hard Alloys | **X2 Straight Flute Screw Extractors** |
| 712 General Purpose S&D | Sizes - 1/2 to 1/2” |
| Sizes - 33/64 to 1-1/2” | **Screw Extractors** |
| Drill Low to Medium Alloys | US12 General Purpose S&D |
| Sizes - 33/64 to 1-1/2” | Sizes - 1/2 to 1/2” |
| Drill Low to Medium Alloys | **Screw Extractors** |
| **Extra Long Drills** | X1 Spiral Flute Screw Extractors |
| **Extra Long Drills cont.** | Sizes - 1 to 12 (sets available) |
| **Extra Long Drills** | X2 Straight Flute Screw Extractors |
| **Extra Long Drills** | Sizes - 1 to 7 (sets available) |
Step Drills

MSD-HEX Hex Shank Step Drills*
¼” Hex Shank For Use In Impact Driver
2 Flute - TiN Coated - Split Point
4 Sizes Available

MSD Step Drills*
Straight Shank - 2 Flute - Split Point
12 Sizes Available

Quick Change Drivers

QCD Quick Change Driver
For 1/4” and 3/8” hex shank tools

QCD-EXT Extensions
For 1/4” hex shank tools
6, 12 & 24” Lengths

Carbide Drills

705CT Carbide Tipped Jobber
Sizes - 1/8 to 1/2”
Drill Abrasive & Non-Ferrous Materials

105 Solid Carbide Drills
Sizes - 1/8 to 1/2”
Drill Abrasive & Non-Ferrous Materials

CT605 Glass & Tile Spear Point
Sizes - 1/8 to 5/8”
Drill Glass & Ceramic Tile

CT605 Carbide Tipped Die Drill
Sizes - 3/16 to 3/4”
Precision Drilling: Hardened Steel & Armor Plate

Other Drills & Accessories

1805 Double End Sheeter Drills*
Sizes - 7/64 to 1/4”, #30
Drill Sheet Metal

705-Pilot Drill For Hole Saws
¾” Diameter, 4” OAL, 118° Split Point
Triplet Shank - Fits Most Hole Saw Arbors

Gauge Plates
Fractional, Metric, Letters & Numbers

Circular Saw Blades

RZR Circular Saw
Steel Cutting
Heavy Duty Cermet Teeth
Sizes - 5-3/8 to 14”

RZR Circular Saw
Stainless Steel Cutting
Heavy Duty Cermet Teeth
Sizes - 5-3/8 to 14”

RZR Circular Saw
Aluminum / Non-Ferrous Cutting
Heavy Duty Carbide Teeth
Sizes - 6-1/2 to 14”

Carbide Tipped Hole Cutters

CT3 Carbide Tipped Hole Cutters
1/8” Depth Of Cut
Sizes - 5/8 to 1-3/8”
¼” Hex Shank - For Use In Impact Driver

CT5 Carbide Tipped Hole Cutters
3/16” Depth Of Cut
Sizes - 9/16 to 5”
Ideal For Electrical Work, Construction

CT7 Carbide Tipped Hole Cutters
1” Depth Of Cut
Sizes - 9/16 to 4-1/2” - Heavy Duty
Ideal For Construction, Steel Fabrication, MRO

CT9 Carbide Tipped Hole Cutters
2” Depth Of Cut
Sizes - 1-1/2 & 2-1/8” - Heavy Duty
Drill Through Steel Doors

Sheet Metal Cutters

SMC Sheet Metal Cutters
¼” Depth Of Cut or ½” Depth Of Cut
Sizes- ¼ to 1-1/2” Diameter

Step Reamers

XSR Heavy Duty Step Reamers
Sizes - 5/16-9/16, 9/16-13/16, 13/16-1-7/16”
5 Drill Sizes Per Reamer

Car Reamers

SA80 Heavy Duty Car Reamers
Sizes - 5-1/2 to 1-1/2”
Flattened Straight Shank

HX82 Hex Shank Car Reamers
Sizes - 11/16 to 1-3/16” (Spiral Flute)

HX82M Hex Shank Magnetic Car Reamers
Sizes - 11/16 to 1-3/16” (Spiral Flute)

HX80 Hex Shank Car Reamers
Sizes - 11/16 to 1-3/16” (Straight Flute)

Bridge Reamers

XL86 Heavy Duty Hex Shank Bridge Reamers
Sizes - 11/16 to 1-5/8”

XL86M Heavy Duty Magnetic Hex Shank Bridge Reamers
Sizes - 11/16 to 1-3/16”

960 Taper Shank Bridge Reamers
Sizes - 7/16 to 1-5/16” (Straight Flute)

962 Taper Shank Bridge Reamers
Sizes - 7/16 to 1-5/8” (Spiral Flute)
### Metal Cutting - Threading

#### Power Tapper

**XL Topper**
- High Production, Fast Tapping
- Auto Reverse & Controlled Speeds
- Pivoting Tap Collet Reduces Tap Breakage
- Ideal For Use With XL22 Spiral Point Taps & BruteLube Fluid
- For HSS Standard Square Shank Taps
- Aluminum: #10 to 5/8”
- Steel: #10 to 5/8”

#### High Speed Steel Taps

**XL22 Heavy Duty Spiral Point Taps**
- Sizes - 4-40 to 3/4-16

**XL46 Heavy Duty Spiral Flute Taps**
- Sizes - 6-32 to 1/2-20

**321 Spiral Point Taps**
- Sizes - 0-80 to 3/4-16

**308 Hand Taps**
- Sizes - 0-80 to 1-1/2-12

#### Titanium Nitride Coated Taps

**XL22T Heavy Duty Spiral Point Taps**
- Sizes - 4-40 to 3/4-16

**321T Spiral Point Taps**
- Sizes - 6-32 to 3/4-10

#### Metric Taps (HSS)

**XL22M Heavy Duty Spiral Point Taps**
- Sizes - 2.5x.45 to 16x2

**321M Spiral Point Taps**
- Sizes - 1.6x.35 to 24x3

**308M Hand Taps**
- Sizes - 1.6x.35 to 56x5.5

#### Left Hand Taps (HSS)

**308LH Hand Taps**
- Sizes - 10-32 to 1-1/4

#### Carbon Hand Taps

**302 Taps**
- Sizes - 4-40 to 1-1/2-12

**302M Metric Hand Taps**
- Sizes - 3x.6 to 18x2.5

#### Pulley Taps

**3006 Pulley Taps**
- Sizes - 1/4-20 to 5/8-11, 6” OAL

#### Pipe Taps (HSS)

**324 Taper Pipe Taps**
- Regular, NPT
- Sizes - 1/16-14 to 2-11-1/2

**325 Straight Pipe Taps**
- Sizes - 1/8-27 to 1-11-1/2, NPS

**304 Carbon Steel Taper Pipe Taps**
- Sizes - 1/8-27 to 3-8, NPT

#### Tap Wrenches

**2002/3002 ‘T’ Handle**
- Tap Wrenches
- Ratchet Style Available

**3001 Bar Handle Tap Wrenches**

#### Drill & Tap Combinations

**DT22HEX Combined Drill & Tap**
- Hex Shank - For Use In Impact Driver
- Sizes - Fractions & Metric

**DT22 Combined Drill & Tap**
- Square Shank
- Sizes - Fractions

#### Hexagon Rethreading Dies

**330 Dies**
- Sizes - 6-32 to 2-1/2-12, 1/8 to 1 NPT

**CS30 Dies**
- Carbon Steel Sizes - 4-40 to 1-14

#### Metric Hexagon Rethreading Dies

**330M Dies**
- Sizes - 3.5 to 27x3

**CS30M Dies**
- Carbon Steel Sizes - 3.5 to 18x2.5

#### Left Hand Hexagon Rethreading Dies

**330LH**
- Sizes - 1/4-20 to 1-14

#### Die Stocks

**3291/3292 Round/Hex Die Stocks**
- Sizes - 13/16 to 2”
# Metal Cutting - Countersinks, Burs, Tool Bits

## Single / Multi Flute Countersinks

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Sizes</th>
<th>Use In</th>
</tr>
</thead>
<tbody>
<tr>
<td>799</td>
<td>Three Flute Countersinks</td>
<td>1/4 to 1&quot;</td>
<td>Screw Machines &amp; Turret Lathes</td>
</tr>
<tr>
<td>799L Large Four Flute Countersinks</td>
<td>1-1/4 to 2&quot;</td>
<td>Portable Drills &amp; Drill Presses</td>
<td></td>
</tr>
</tbody>
</table>

## Carbide Burs - Ferrous Metals

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Sizes</th>
<th>Use In</th>
</tr>
</thead>
<tbody>
<tr>
<td>XL801</td>
<td>Single Flute Countersinks</td>
<td>1/8 to 3&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
</tr>
<tr>
<td>800</td>
<td>Four Flute Countersinks</td>
<td>1/2 to 1&quot;</td>
<td>Screw Machines &amp; Turret Lathes</td>
</tr>
<tr>
<td>799</td>
<td>Three Flute Countersinks</td>
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</table>

## Zero Flute Weldon® Countersinks

<table>
<thead>
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<th>Model</th>
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<th>Sizes</th>
<th>Use In</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSK</td>
<td>Zero Flute Countersinks</td>
<td>1/4 to 1&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
</tr>
<tr>
<td>CSK-SH</td>
<td>Hex Shank Zero Flute Countersinks</td>
<td>1/4 to 1&quot;</td>
<td>Impact Drivers</td>
</tr>
<tr>
<td>CSKA/DBK</td>
<td>Zero Flute Countersinks</td>
<td>1/4 to 1&quot;</td>
<td>Portable Drills &amp; Drill Presses</td>
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</table>

## Carbide Burs - Non Ferrous Metals

<table>
<thead>
<tr>
<th>Model</th>
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</tr>
</thead>
<tbody>
<tr>
<td>XLVC</td>
<td>AlCrN Coated End Mills*</td>
<td>1/4 to 1&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
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</table>

## Combined Drill & Countersinks

<table>
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<th>Model</th>
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</tr>
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<tbody>
<tr>
<td>798</td>
<td>Combined Drill &amp; Countersinks</td>
<td>1/8 to 3/4&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
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</table>

## Carbide Burs - Tool Bits & Turning Tools

<table>
<thead>
<tr>
<th>Model</th>
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<th>Sizes</th>
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<tbody>
<tr>
<td>997</td>
<td>Carbide Fiberglass Routers</td>
<td>1/8 to 3/4&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
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</table>

## Carbide Burs - Carbide Fiberglass Routers

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<td>Carbide Fiberglass Routers</td>
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## Fiberglass Routers

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## Carbide Burs - Carbide End Mills

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<td>XLVC AlCrN Coated End Mills*</td>
<td>1/4 to 1&quot;</td>
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## Carbide Burs - Carbide End Mills

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<tbody>
<tr>
<td>600T TiN Coated HSS End Mills**</td>
<td>1/8 to 1-1/2&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
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## Carbide Burs - Carbide End Mills

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<tr>
<td>106</td>
<td>Solid Carbide End Mills</td>
<td>1/4 to 1&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
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</table>

## Carbide Burs - Carbide End Mills

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<tr>
<td>602</td>
<td>Solid Carbide End Mills</td>
<td>1/4 to 1&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
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## Carbide Burs - Carbide End Mills

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<td>603</td>
<td>Solid Carbide End Mills</td>
<td>1/4 to 1&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
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## Carbide Burs - Carbide End Mills

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<tr>
<td>606</td>
<td>Solid Carbide End Mills</td>
<td>1/4 to 1&quot;</td>
<td>Portable Drill, Press, or Bridgeport Machine</td>
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## Carbide Burs - Carbide End Mills

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<td>Solid Carbide End Mills</td>
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</table>
**Magnetic Drill Presses & Annular Cutters**

**AC35 MiniBrute**
Powerful & Lightweight
Cutter Capacity: 1-3/8” Diam x 2” Depth
Twist Drill Capacity - ¼”

**AC50 MightiBrute**
Powerful & Versatile
Cutter Capacity: 2-1/8” Diam x 2” Depth
Twist Drill Capacity – 1”

**SB35 SmartBrute**
Productive & Reliable
Automatic Feed
Auto Cutter Capacity: 1-3/16” Diam x 1-3/4” Depth
Manual Capacity: 1-3/8” Diam x 2” Depth

**RB30 LittleBrute**
Low Profile & Lightweight
Cutter Capacity: 1-3/8” Diam x 1-3/16” Depth

**AC42 VARIBRUTE**
Versatile - Cut, Drill, Tap, Ream, Countersink
Cutting Capacity: 1-1/2” Diam x 2” Depth
Twist Drill Capacity – 1”
Tap Capacity – 3/4”

**NEW**

**XLUB BruteLube Fluid & Wax**
Enhance Performance Of All Mag Drills & Cutters

**NEW**
Large Capacity Mag Drill Coming 2024

**Carbide Tipped Annular Cutters**

- **CT150 Carbide Tipped Cutters**
  Long Tool Life, Drill Tough Alloys
  1-3/8” Depth Of Cut, Sizes – ½ to 1-9/16”

- **CT200 Carbide Tipped Cutters**
  Long Tool Life, Drill Tough Alloys
  2” Depth Of Cut, Sizes - ½ to 4” Diam

- **CT300 Carbide Tipped Cutters**
  Long Tool Life, Drill Tough Alloys
  3” Depth Of Cut, Sizes - ½ to 4” Diam

- **CT400 Carbide Tipped Cutters**
  Long Tool Life, Drill Tough Alloys
  4” Depth Of Cut, Sizes - ¼ to 2” Diam

**Carbide Tipped Stack Cutters**

- **CT150STK Stack Cutters**
  Drill Multiple Plates, Drill Tough Alloys
  1-3/8” Depth Of Cut- Sizes – 9/16 to 1” Diam

- **CT200STK Stack Cutters**
  Drill Multiple Plates, Drill Tough Alloys
  2” Depth Of Cut- Sizes – 13/16 to 1-1/4” Diam

**Pilot Pins**

- **Pilots CT Annular Cutters**
  For CT150, CT200, CT300, CT400

- **Pilots XL Annular Cutters**
  For XL100, XL200

- **Pilots CS Annular Cutters**
  For CS100, CS200

**High Speed Steel Annular Cutters**

- **XL100 HSS Annular Cutters**
  2X Life Standard HSS Cutters
  1” Depth Of Cut – Sizes - 7/16 to 2-1/4”

- **XL200 HSS Annular Cutters**
  2X Life Standard HSS Cutters
  2” Depth Of Cut – Sizes - 7/16 to 2-1/4”

- **CS100 HSS Annular Cutters**
  Pilot Pin Included
  1” Depth Of Cut - Sizes - 7/16 to 2” Diam

- **CS200 HSS Annular Cutters**
  Pilot Pin Included
  2” Depth Of Cut - Sizes - 7/16 to 2” Diam

**Magnetic Drill Press Accessories**

- **Arbors**
  For RotoBrute Magnetic Drill Presses

- **Drill Chucks**
  For RotoBrute Magnetic Drill Presses

- **Tap Chucks**
  For RotoBrute Magnetic Drill Presses

- **RMX7**
  Magnetic Pick-Up Tool
  Safely and Easily Clean Up Metal Chips and Debris

**Versatile - Cut, Drill, Tap, Ream, Countersink**

**HEAVY DUTY**
**VERSATILE**
**INNOVATIVE**

**5 OPERATIONS 1 MAG DRILL**
# Concrete & Masonry Tools

## SDS Plus Hammer Bits
- **CM95X SDS Plus Hammer Bits**
  - 4 Cutter Head - Penetrate Rebar
  - Sizes - 5/32x2x4 to 1-1/4x16x18”

- **CM95 SDS Plus Hammer Bits**
  - Performance Flute, Serrated Tip, Fast Dust Removal
  - Sizes - 5/32x2x4 to 1x16x18”

- **CM9 SDS Plus Hammer Bits**
  - General Purpose
  - Sizes - 5/32x2x4 to 1x10”

- **CM95-STOP SDS Plus Stop Drills**
  - Drill Proper Depth For Drop-In Anchors
  - Sizes - 3/8x1-1/16 to 5/8x2-1/16”

## SDS Max Hammer Bits
- **CM96 SDS Max Hammer Bits**
  - 4 Cutter Cross-Head, High Performance
  - Sizes - 3/8x8x13 to 2x18x23”

## Spline Shank Hammer Bits
- **CM97 Spline Shank Hammer Bits**
  - Single Point
  - Sizes - 3/8x5x10 to 2x17x22”

## Rebar Cutters
- **CM79SDS Rebar Cutters**
  - SDS Plus Shank
  - Sizes - 3/8 to 1-1/8”

## Core Drills
- **CM80HC Hammer Core Core Bits**
  - SDS Max, Spline
  - Sizes - 1-3/4 to 5”

- **CM95HC Thin Wall Core Bits**
  - SDS Plus Only
  - Sizes - 1-3/16 to 4”

## Chisels & Floor Scrapers
- **Hammer Chisels**
  - Over 50 Styles & Sizes
  - SDS Max, Spline, Breaker, ¾” Hex, SDS Plus

- **Floor Scrapers**
  - Complete Kit & Replacements Blades
  - SDS Max, SDS-Plus

## Tile Drills & Diamond Cutters
- **PTC3 Mini Diamond Hole Cutters**
  - Drill Grade 5+ Porcelain Tile, Ceramic & More
  - Sizes – 3/16 to 1-3/8”

- **PTC4 Multi Purpose Diamond Hole Saws**
  - Drill Tile, Masonry, Plastics & Wood
  - Pilot & Arbor Separate, Sizes – ¼ to 4”

- **CT505 Glass & Tile Drills**
  - Drill Ceramic & Glass
  - Sizes – 1/8 to 5/8”

## Rotary Masonry Drills
- **CM85 Rotary Masonry Drills**
  - Use In Rotary Percussion Drill
  - Multiple Lengths, Sizes – 1/8 to 1”

- **CSC4 Rotary Masonry Drills**
  - Use In Rotary Percussion Drill
  - 4” Short Length, Sizes – 1/8 to 1/2”

- **CSC6 Rotary Masonry Drills**
  - Use In Rotary Percussion Drill
  - 6” Length, Sizes – ¼ to ¾”

## Multi Purpose Drills
- **CM-MPB Multi-Purpose Drills**
  - Drill Metal, Wood, Tile
  - Sizes – 1/8 to 1/2”

## Wood Cutting Tools

### Auger Drills
- **8018 Auger Drills**
  - 17” Length
  - Sizes - 3/8 to 1-1/2”

- **8700 / 8800 Auger Extensions**
  - 8700 Sizes - 12", 18" & 24" Length
  - 8800 Sizes - 18" & 24" Length

### Wood Boring Drills
- **8001 Wood Boring Flat Bits**
  - 6” Long
  - Sizes - 1/4 to 1-1/2”
### Cutting - Bonded Abrasives

#### Thin Cut-Off Wheels - Type 1 - Angle Grinders

<table>
<thead>
<tr>
<th>Abrasive</th>
<th>Description</th>
<th>Size Range</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zirconia</td>
<td>For Ferrous Metals Especially Stainless Steel</td>
<td>4-1/2 to 7&quot;</td>
<td>630</td>
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<tr>
<td>Heat Treated Aluminum Oxide</td>
<td>For Ferrous Metals Including Stainless Steel</td>
<td>4-1/2 to 7&quot;</td>
<td>617</td>
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<tr>
<td>Aluminum Oxide</td>
<td>For General Purpose Ferrous Metals</td>
<td>4-1/2 to 7&quot;</td>
<td>616</td>
</tr>
<tr>
<td>Aluminum Oxide/Silicon Carbide</td>
<td>For Non Ferrous Metals / Aluminum</td>
<td>4-1/2, 5 &amp; 6&quot;</td>
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#### Thin Cut-Off Wheels - Type 27 - Angle Grinders

<table>
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<tbody>
<tr>
<td>Zirconia</td>
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<td>Heat Treated Aluminum Oxide</td>
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<tr>
<td>Aluminum Oxide</td>
<td>For General Purpose Ferrous Metals</td>
<td>4-1/2 to 7&quot;</td>
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<tr>
<td>Aluminum Oxide/Silicon Carbide</td>
<td>For Non Ferrous Metals / Aluminum</td>
<td>4-1/2, 5 &amp; 6&quot;</td>
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#### Cut-Off Wheels - Type 1 - Portable Gas Saws Cont.

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>Silicon Carbide</td>
<td>For Asphalt</td>
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<td>630</td>
</tr>
<tr>
<td>Aluminum Oxide - Triple Reinforced</td>
<td>For General Purpose Ferrous Metals</td>
<td>12 &amp; 14&quot;</td>
<td>607</td>
</tr>
<tr>
<td>Silicon Carbide - Triple Reinforced</td>
<td>For Concrete &amp; Masonry</td>
<td>12 &amp; 14&quot;</td>
<td>608</td>
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#### Cut-Off Wheels - Type 1 - Portable Gas Saws

<table>
<thead>
<tr>
<th>Abrasive</th>
<th>Description</th>
<th>Size Range</th>
<th>Series</th>
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<tbody>
<tr>
<td>Heat Treated Aluminum Oxide</td>
<td>Redmax For Metal Framing Studs</td>
<td>12 &amp; 14&quot;</td>
<td>602</td>
</tr>
<tr>
<td>Aluminum Oxide - Center Reinforced</td>
<td>For General Purpose Ferrous Metals</td>
<td>12, 14 &amp; 16&quot;</td>
<td>603</td>
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#### Cut-Off Wheels - Type 1 - Die / Angle Grinders

<table>
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<tr>
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<tbody>
<tr>
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<td>4-1/2&quot;</td>
<td>615</td>
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<tr>
<td>Aluminum Oxide</td>
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<td>3, 4 &amp; 4-1/2&quot;</td>
<td>613, 614, 615</td>
</tr>
<tr>
<td>Silicon Carbide</td>
<td>For Concrete &amp; Masonry</td>
<td>4 &amp; 4-1/2&quot;</td>
<td>614, 615</td>
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#### Cut-Off Wheels - Type 1 - Stationary Saws

<table>
<thead>
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<th>Series</th>
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<td>Heat Treated Aluminum Oxide</td>
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<tr>
<td>Aluminum Oxide</td>
<td>General Purpose Ferrous Metals</td>
<td>10 to 20&quot;</td>
<td>600</td>
</tr>
<tr>
<td>Silicon Carbide</td>
<td>For Concrete &amp; Masonry</td>
<td>10, 12 &amp; 14&quot;</td>
<td>601</td>
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#### Cut-Off Wheels - Type 1 - Circular Saws

<table>
<thead>
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<td>602</td>
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<tr>
<td>Aluminum Oxide</td>
<td>For General Purpose Ferrous Metals</td>
<td>12 &amp; 14&quot;</td>
<td>604</td>
</tr>
<tr>
<td>Silicon Carbide</td>
<td>For Concrete &amp; Masonry</td>
<td>7 &amp; 8&quot;</td>
<td>601</td>
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#### Cut-Off Wheels - Type 1 - Chop Saws

<table>
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<th>Abrasive</th>
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<tbody>
<tr>
<td>Zirconia</td>
<td>For Ferrous Metals Especially Stainless</td>
<td>14&quot;</td>
<td>602</td>
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<tr>
<td>Heat Treated Aluminum Oxide</td>
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<td>14&quot;</td>
<td>602</td>
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#### Cut-Off Wheels - Type 1 - Portable Gas Saws

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#### Cut-Off Wheels - Type 1 - Walk Behind Street Saws

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<td>General Purpose Ferrous Metals</td>
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<td>Silicon Carbide</td>
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#### Cut-Off Wheels - Type 1 - Portable Gas Saws

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#### Cut-Off Wheels - Type 1 - Portable Gas Saws Cont.

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<td>For General Purpose Ferrous Metals</td>
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#### Cut-Off Wheels - Type 1 - Die / Angle Grinders

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<td>4-1/2&quot;</td>
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<td>Aluminum Oxide</td>
<td>For General Purpose Ferrous Metals</td>
<td>3, 4 &amp; 4-1/2&quot;</td>
<td>613, 614, 615</td>
</tr>
<tr>
<td>Silicon Carbide</td>
<td>For Concrete &amp; Masonry</td>
<td>4 &amp; 4-1/2&quot;</td>
<td>614, 615</td>
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</table>

#### Cut-Off Wheels - Type 1 - Stationary Saws

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<tr>
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</tr>
<tr>
<td>Silicon Carbide</td>
<td>For Concrete &amp; Masonry</td>
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#### Cut-Off Wheels - Type 1 - Circular Saws

<table>
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<td>10 to 20&quot;</td>
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<tr>
<td>Silicon Carbide</td>
<td>For Concrete &amp; Masonry</td>
<td>10, 12 &amp; 14&quot;</td>
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#### Cut-Off Wheels - Type 1 - Walk Behind Street Saws

<table>
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<tr>
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<td>600</td>
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<tr>
<td>Aluminum Oxide</td>
<td>General Purpose Ferrous Metals</td>
<td>10 to 20&quot;</td>
<td>600</td>
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<tr>
<td>Silicon Carbide</td>
<td>For Concrete &amp; Masonry</td>
<td>10, 12 &amp; 14&quot;</td>
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# Grinding - Bonded Abrasives - Angle Grinders

## Grinding Wheels - Type 27 - 1/4”

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Sizes</th>
<th>Series</th>
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</thead>
<tbody>
<tr>
<td>Zirconia - ZA24T</td>
<td>For Ferrous Metals Especially Stainless Steel</td>
<td>4-1/2, 5 &amp; 7”</td>
<td>622</td>
</tr>
<tr>
<td>Heat Treated Aluminum Oxide - AT24R</td>
<td>For All Metals Including Stainless Steel</td>
<td>4 to 9”</td>
<td>623</td>
</tr>
<tr>
<td>Aluminum Oxide - A24U</td>
<td>For Long Life On Ferrous Metals</td>
<td>4 to 9”</td>
<td>624</td>
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<tr>
<td>Aluminum Oxide - A24S</td>
<td>For General Purpose Ferrous Metals</td>
<td>4 to 9”</td>
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<tr>
<td>Aluminum Oxide/Silicon Carbide - AC24R</td>
<td>For Non Ferrous Metals / Aluminum</td>
<td>4-1/2, 5 &amp; 7”</td>
<td>627</td>
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<tr>
<td>Silicon Carbide - C24S</td>
<td>For Concrete &amp; Masonry</td>
<td>4 to 9”</td>
<td>621</td>
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## Cutting & Light Grinding Wheels - Type 27 - 1/8”

<table>
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<tbody>
<tr>
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<td>Heat Treated Aluminum Oxide - AT24R</td>
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<td>4-1/2 to 9”</td>
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<tr>
<td>Aluminum Oxide - A24S</td>
<td>For General Purpose Ferrous Metals</td>
<td>4 to 9”</td>
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<td>Silicon Carbide - C24S</td>
<td>For Concrete &amp; Masonry</td>
<td>4-1/2, 5 &amp; 7”</td>
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## Flexible Grinding Wheels - Type 27 - 1/8”

<table>
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<th>Series</th>
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</thead>
<tbody>
<tr>
<td>Aluminum Oxide / Silicon Carbide</td>
<td>For Ferrous Metals</td>
<td>4, 4-1/2 &amp; 7”</td>
<td>626</td>
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## Grinding Wheels - Type 28 - 1-1/4”

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
<th>Sizes</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide - A24S</td>
<td>For General Purpose Ferrous Metals</td>
<td>7 &amp; 9”</td>
<td>625</td>
</tr>
<tr>
<td>Silicon Carbide - C24S</td>
<td>For Concrete &amp; Masonry</td>
<td>7 &amp; 9”</td>
<td>628</td>
</tr>
</tbody>
</table>

## Bonded Abrasives Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandrels - For 1/4” &amp; 3/8” Arbors</td>
<td>694 / 693 / 692</td>
</tr>
<tr>
<td>Bushings - Reduces 1” Arbor</td>
<td></td>
</tr>
<tr>
<td>Reusable Adaptors - 7/8 to 5/8” - 11</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipe Cutting Guides</td>
<td>730</td>
</tr>
</tbody>
</table>

## Abrasives Reference Guide

### Power Tools

- **ANGLE GRINDER**
- **CHOP SAW**
- **DIE GRINDER**
- **CIRCULAR SAW**
- **GAS SAW**
- **STATIONARY SAW**
- **STREET SAW**

### Types

- **Type 1**
- **Type 27**
- **Type 28**
- **Type 29**
Coated Abrasives

**Flap Discs - Fiberglass Backing - Type 29**
- Ceramic
  - For Alloys & Ferrous Metals Including Stainless Steel
  - Size - 4-1/2" Grits - 36 to 120
  - Series: 349
- Zirconia - High Density
  - For Ferrous Metals Including Stainless Steel
  - Sizes - 4, 4-1/2, 5, 6 & 7" Grits - 24 to 120
  - Series: 337 / 332 / 336 / 339 / 333
- Zirconia - Standard Density
  - For Ferrous Metals Including Stainless Steel
  - Sizes - 4, 4-1/2, 5 & 7" Grits - 24 to 120
  - Series: 347 / 342 / 346 / 343
- Zirconia SkillPro
  - Economical For Ferrous Metals
  - Size - 4-1/2" Grits - 40 to 120
  - Series: 338

**Flap Discs - Fiberglass Backing - Type 27**
- Ceramic
  - For Alloys & Ferrous Metals Including Stainless Steel
  - Size - 4-1/2 & 7" Grits - 36 to 120
  - Series: 269 / 261
- Zirconia - High Density
  - For Ferrous Metals Including Stainless Steel
  - Sizes - 4, 4-1/2, 5, 6 & 7" Grits - 24 to 120
  - Series: 267 / 262 / 266 / 268 / 263
- Zirconia - Standard Density
  - For Ferrous Metals Including Stainless Steel
  - Sizes - 4, 4-1/2, 5 & 7" Grits - 24 to 120
  - Series: 287 / 272 / 276 / 273

**Resin Fibre Discs**
- Ceramic
  - For Alloys & Ferrous Metals Including Stainless Steel
  - Sizes - 2 & 3" Grits - 36, 40, 60 & 80
  - Series: 389
- Zirconia
  - For Ferrous Metals Including Stainless Steel
  - Sizes - 2, 3 & 3" Grits - 24 to 120
  - Series: 393
- Aluminum Oxide
  - For General Purpose Ferrous Metals & Wood
  - Sizes - 4, 4-1/2, 5, 6, 7 & 9-1/8" Grits - 16 to 240
  - Series: 300 / 301 / 302 / 303 / 304 / 305 / 317 / 318 / 323

**Rolls**
- Shop Rolls - Aluminum Oxide Cloth
  - For Ferrous Metals, Fiberglass & Wood
  - Sizes - 1, 1-1/2 & 2" Grits - 40 to 600
  - Series: 380 / 381 / 382
- Plumbers Rolls
  - For Ferrous and Non-Ferrous Metals
  - Types - Aluminum Oxide Cloth & Silicon Carbide Screen
  - Widths - 1-1/2" Grit 120
  - Series: 383 / 386
- Aqua PSA Rolls - Aluminum Oxide
  - For Wood, Fiberglass, Fillers & Metal
  - Sizes - 2-1/2, 2-3/4 & 4-1/2" Grits - 80C to 320C
  - Series: 587 / 584 / 588
- Utility Rolls - Silicon Carbide
  - For Wood, Fiberglass, Stone & Glass
  - Size - 10" Grits - 60 to 120
  - Series: 4111

**Semi Flexible Discs - Type 27**
- Silicon Carbide - Built In Backing Pad
  - Concrete & Masonry, Fiberglass, Non Ferrous Metals
  - Sizes - 4-1/2 & 7" Grits - 16, 24, 36 & 60
  - Series: 320 / 322
- Silicon Carbide - Fibre Backing
  - For Concrete & Masonry
  - Sizes - 16, 24, 36, 60, 80 & 120
  - Series: 313 / 314
- Aluminum Oxide - Fibre Backing
  - For General Purpose Ferrous Metals
  - Sizes - 4-1/2 & 7" Grits - 16, 24, 36 & 60
  - Series: 311 / 312

**Flap Wheels**
- Aluminum Oxide Mounted Flap Wheels
  - For Metal, Wood, Rubber, Glass, Plastic and Fibreglass
  - Sizes - 1, 1-1/2, 2, 2-1/2 & 3" Grits - 40 to 240
- Aluminum Oxide Center Hole Flap Wheels
  - For Metal, Wood, Rubber, Glass, Plastic and Fibreglass
  - Sizes - 4 & 6" Grits - 60, 80, 100 & 120
  - Series: 367 / 368 / 369 / 370

**Quick Change Discs - Type R**
- Ceramic
  - For Alloys & Ferrous Metals Including Stainless Steel
  - Sizes - 2 & 3" Grits - 36, 60, 80 & 120
  - Series: 389
- Zirconia
  - For Ferrous Metals Including Stainless Steel
  - Sizes - 2 & 3" Grits - 24 to 240
  - Series: 393
- Aluminum Oxide
  - For General Purpose Ferrous Metals & Wood
  - Sizes - 2 & 3" Grits - 24 to 320
  - Series: 390
# Coated Abrasives

## Non Woven Products

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Change Discs - Type R</td>
<td>For Ferrous, Non-Ferrous Metals, Alloys &amp; Fiberglass</td>
<td>3912 / 3913</td>
</tr>
<tr>
<td>Hook &amp; Loop Discs</td>
<td>For Ferrous, Non-Ferrous Metals, Alloys &amp; Fiberglass</td>
<td>3944 / 3945 / 3947</td>
</tr>
<tr>
<td>Surface Preparation Wheels</td>
<td>For Ferrous, Non-Ferrous Metals, Alloys &amp; Fiberglass</td>
<td>395 / 396 / 397</td>
</tr>
<tr>
<td>6 x 9&quot; Hand Pads</td>
<td>For Ferrous, Non-Ferrous Metals, Alloys &amp; Fiberglass</td>
<td>265</td>
</tr>
<tr>
<td>4-1/2 x 9-1/2&quot; Utility Pads</td>
<td>For Cleaning Tiles, Floors, Metals</td>
<td>284</td>
</tr>
</tbody>
</table>

## 9 x 11 Sanding Sheets

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide &amp; Garnet Paper</td>
<td>For Wood &amp; Metal</td>
<td>202 / 230 / 205 / 206</td>
</tr>
<tr>
<td>Silicon Carbide Paper</td>
<td>For Stone, Glass &amp; Metal</td>
<td>220 / 240</td>
</tr>
<tr>
<td>Aluminum Oxide Cloth</td>
<td>For Metal &amp; Wood</td>
<td>225</td>
</tr>
<tr>
<td>Emery Cloth</td>
<td>For Metal</td>
<td>215 / 216</td>
</tr>
<tr>
<td>Screens</td>
<td>For Drywall, Fiberglass, Fillers &amp; Metal</td>
<td>210</td>
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</tbody>
</table>

## Steel Wool Hand Pads

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Series</th>
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<tbody>
<tr>
<td>Steel Wool Hand Pads</td>
<td>For Ferrous Metal &amp; Wood</td>
<td>283</td>
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</tbody>
</table>

## Hook & Loop Discs

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Series</th>
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</thead>
<tbody>
<tr>
<td>Red Heavyweight Aluminum Oxide</td>
<td>For Wood, Metal, Plastic &amp; Fiberglass</td>
<td>578 / 580</td>
</tr>
<tr>
<td>Aqua Aluminum Oxide Stearated</td>
<td>For Wood, Fiberglass, Fillers &amp; Metal</td>
<td>592 / 593</td>
</tr>
<tr>
<td>Silicon Carbide - Waterproof</td>
<td>For Stone, Glass, Solid Surfaces &amp; Metal</td>
<td>521</td>
</tr>
</tbody>
</table>

## Drywall Products

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Series</th>
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</thead>
<tbody>
<tr>
<td>Silicon Carbide Paper</td>
<td>For Drywall, Plaster, Filler &amp; Paint</td>
<td>245</td>
</tr>
<tr>
<td>Silicon Carbide Screens</td>
<td>For Drywall, Plaster, Filler &amp; Paint</td>
<td>250</td>
</tr>
<tr>
<td>Aluminum Oxide Pads / Hook &amp; Loop Discs</td>
<td>For Drywall, Plaster, Filler &amp; Paint</td>
<td>255 / 256</td>
</tr>
<tr>
<td>Aluminum Oxide Sponges</td>
<td>For Drywall, Wood, Plaster &amp; Metal</td>
<td>289 / 282 / 277 / 278 / 279</td>
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## PSA Discs

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Series</th>
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<tr>
<td>Red Heavyweight Aluminum Oxide</td>
<td>For Wood, Metal, Plastic &amp; Fiberglass</td>
<td>579</td>
</tr>
<tr>
<td>Aqua Aluminum Oxide Stearated</td>
<td>For Wood, Fiberglass, Fillers, Metal</td>
<td>585 / 586 / 582 / 583</td>
</tr>
<tr>
<td>Silicon Carbide - Waterproof</td>
<td>For Stone, Glass, Solid Surfaces &amp; Metal</td>
<td>522</td>
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</table>

## Accessories

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Series</th>
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<tbody>
<tr>
<td>Backing Pads For Discs</td>
<td>For Fibre, Semi Flexible, PSA, Hook &amp; Loop, Surface Conditioning &amp; Quick Change Discs</td>
<td>325 / 326 / 324 / 327 / 328 / 329 / 392</td>
</tr>
</tbody>
</table>
Blades & Wire Wheels

**Carbide Blades**

- **Metal Cutting**
  - For Mild Steel
  - Sizes: 5-3/8" to 14"
  - Series: 725 / 727 / 728 / 729 / 721

- **Wood Cutting**
  - For All Wood Types
  - Sizes: 4-3/8" to 12"
  - Series: 717 / 716 / 711 / 714 / 715 / 716

**Diamond Blades**

- **Turbo**
  - For Concrete & Masonry, Natural Stone
  - Sizes: 4 to 10"
  - Series: 660

- **Turbo Segmented**
  - For Concrete & Masonry, Especially Hard Materials
  - Sizes: 12 & 14"
  - Series: 664

- **Segmented**
  - For Concrete & Masonry
  - Sizes: 4 to 8"
  - Series: 661

- **Segmented - Laser Welded**
  - For Concrete & Masonry
  - Sizes: 12 & 14"
  - Series: 662

- **Segmented - Laser Welded - Combo Blade**
  - For Concrete & Masonry, Asphalt & Green Concrete
  - Sizes: 14, 16 & 18"
  - Series: 661

- **Segmented - SkillPro**
  - Economy For Concrete & Masonry
  - Sizes: 4 to 14"
  - Series: 666

- **Multi-Purpose**
  - Concrete & Masonry, Plastic, PVC & Metal
  - Sizes: 4/1-2, 7, 12 & 14"
  - Series: 660

- **Ceramic Tile Blades**
  - For Ceramic Tile & Marble
  - Sizes: 4 to 10"
  - Series: 670

- **Porcelain Tile Blades**
  - For Porcelain Tile & Granite
  - Sizes: 4 to 10"
  - Series: 671

- **Glass Tile Blades**
  - For Glass Tile
  - Sizes: 4-1/2, 7 & 10"
  - Series: 672

- **Segmented Cup Wheels**
  - For Concrete & Masonry Grinding
  - Sizes: 4, 5 & 7"
  - Series: 665

- **Swirl Cup Wheels**
  - For Concrete & Masonry Grinding
  - Sizes: 4, 5 & 7"
  - Series: 667

- **Tuck Point Blades**
  - For Mortar
  - Sizes: 4, 4-1/2 & 7"
  - Series: 669

**Wire Wheels - Angle Grinders**

- **Knot Wire Wheels**
  - Sizes: 4, 5 & 6"
  - Wire: Carbon & Stainless Steel, Tempered Steel
  - Series: 1865

- **Stringer Bead Wire Wheels**
  - Sizes: 4 to 7"
  - Wire: Carbon & Stainless Steel, Tempered Steel
  - Series: 1860

- **Crimped Wire Wheels**
  - Size: 4"
  - Wire: Carbon Steel
  - Series: 187

- **Crimped Cups**
  - Size: 2-3/4 to 6"
  - Wire: Carbon & Stainless Steel, Tempered Steel
  - Series: 188

- **Knot Cups**
  - Size: 2-3/4 to 6"
  - Wire: Carbon & Stainless Steel, Tempered Steel
  - Series: 189

**Wire Wheels - Drills & Die Grinders**

- **Knot End Brushes**
  - Size: 3/4, 1 & 1-1/8"
  - Wire: Carbon & Stainless Steel, Tempered Steel
  - Series: 181

- **Crimped End Brushes**
  - Size: 3/4 & 1"
  - Wire: Carbon & Stainless Steel
  - Series: 180

- **Crimped Wire Wheels**
  - Size: 1-1/2, 2 & 3"
  - Wire: Carbon & Stainless Steel
  - Series: 182

- **Crimped Cup Brushes**
  - Size: 2 & 3"
  - Wire: Carbon & Stainless Steel, Brass Coated
  - Series: 193

**Wire Wheels - Bench Grinders**

- **Knot Wire Wheels**
  - Size: 6 & 8"
  - Wire: Carbon Steel
  - Series: 184

- **Crimped Wire Wheels**
  - Size: 6, 8, 10 & 12"
  - Wire: Carbon Steel
  - Series: 183

**Wire Wheels - Walk Behind Saws**

- **Expansion Joint Wire Wheels**
  - Size: 12"
  - Wire: Carbon Steel
  - Series: 185

**Manual Brushes & Wire Wheel Accessories**

- **Scratch Brushes / Welders Toothbrushes / Acid Brushes**
  - Wire: Carbon & Stainless Steel, Brass & Horsehair
  - Series: 191

- **Arbor Adaptors**
  - Sizes: 5/8"-11 to M10x1.25 or M10x1.5
  - Series: 190
# Files / Rasps

<table>
<thead>
<tr>
<th>Files</th>
<th>Files / Rasps / Handles</th>
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</thead>
<tbody>
<tr>
<td><strong>Half Round &amp; Pipeliner Files</strong></td>
<td><strong>Lathe Files</strong></td>
</tr>
<tr>
<td>Size - 4 to 16”</td>
<td>Size - 8, 10, 12 &amp; 14”</td>
</tr>
<tr>
<td>Cut - Bastard, Second, Smooth</td>
<td>Series: BHR / BPP / BCDHR</td>
</tr>
<tr>
<td><strong>Round Files</strong></td>
<td><strong>Saw Files</strong></td>
</tr>
<tr>
<td>Size - 4 to 16”</td>
<td>Size - 4 to 10”</td>
</tr>
<tr>
<td>Cut - Bastard, Second, Smooth</td>
<td>Cut - Various Tapers, Cant Saw &amp; Cross Cut</td>
</tr>
<tr>
<td>Series: BRO / BCDRO</td>
<td>Series: BTR / BCA / BCC / BDEH</td>
</tr>
<tr>
<td><strong>Mill Files - Single Cut &amp; Blunt</strong></td>
<td><strong>Three Square Files</strong></td>
</tr>
<tr>
<td>Size - 4 to 14”</td>
<td>Size - 4 to 12”</td>
</tr>
<tr>
<td>Cut - Bastard, Second, Smooth</td>
<td>Cut - Bastard, Second, Smooth</td>
</tr>
<tr>
<td>Series: BMR / BMRB / BCDCMR</td>
<td>Series: BTH</td>
</tr>
<tr>
<td><strong>Flat &amp; Flat Foundry Files</strong></td>
<td><strong>Warding Files</strong></td>
</tr>
<tr>
<td>Size - 4 to 18”</td>
<td>Size - 4, 6, 8 &amp; 10”</td>
</tr>
<tr>
<td>Cut - Bastard, Second, Smooth</td>
<td>Cut - Bastard, Second, Smooth</td>
</tr>
<tr>
<td>Series: BFL / BFN / BCDFL</td>
<td>Series: BWA</td>
</tr>
<tr>
<td><strong>Hand Files</strong></td>
<td><strong>Knife Files</strong></td>
</tr>
<tr>
<td>Size - 6, 12 &amp; 14”</td>
<td>Size - 4, 6, 8 &amp; 10”</td>
</tr>
<tr>
<td>Cut - Bastard, Smooth</td>
<td>Cut - Bastard, Second, Smooth</td>
</tr>
<tr>
<td>Series: BHA</td>
<td>Series: BKN</td>
</tr>
<tr>
<td><strong>Spot Welder Tip Files</strong></td>
<td><strong>Mill Curved Tooth Files</strong></td>
</tr>
<tr>
<td>Size - 10”</td>
<td>Size - 8, 10, 12 &amp; 14”</td>
</tr>
<tr>
<td>Series: BWE</td>
<td>Cut - Flexible No Tang &amp; Rigid With Tang</td>
</tr>
<tr>
<td><strong>Aluminum Files</strong></td>
<td>Series: BMC</td>
</tr>
<tr>
<td>Size - 6 to 14”</td>
<td><strong>Wood &amp; Cabinet Rasps</strong></td>
</tr>
<tr>
<td>Type - Half Round &amp; Flat</td>
<td>Size - 8, 10, 12 &amp; 14”</td>
</tr>
<tr>
<td>Series: BAL</td>
<td>Cut - Bastard, Second, Smooth</td>
</tr>
<tr>
<td><strong>Square Files</strong></td>
<td>Type - Flat, Half Round, Round</td>
</tr>
<tr>
<td>Size - 4 to 14”</td>
<td>Series: BWF / BWH / BWR / BCA</td>
</tr>
<tr>
<td><strong>Pillar Files</strong></td>
<td><strong>Shoe &amp; Horseshoe Rasps, Combination File/Rasp</strong></td>
</tr>
<tr>
<td>Size - 6, 8 &amp; 10”</td>
<td>Size - 8, 10 &amp; 14”</td>
</tr>
<tr>
<td>Cut - Bastard</td>
<td>Type - 4-in-1 Shoe Rasp, Horseshoe Rasp, Rasp/File Combo</td>
</tr>
<tr>
<td>Series: B5Q</td>
<td>Series: BSR / BHS / BCO</td>
</tr>
<tr>
<td><strong>Round Chain Saw Files</strong></td>
<td><strong>Laminate &amp; Solid Surface Files</strong></td>
</tr>
<tr>
<td>Size - 6 x 1/8” to 8 x 1/4”</td>
<td>Size - 8, 10, 12 &amp; 14”</td>
</tr>
<tr>
<td>Series: BCS / BCDCS</td>
<td>Type - Rapid Cut / Dual &amp; Fastmill</td>
</tr>
<tr>
<td><strong>Farmers Own Files / Rotary Mower Files</strong></td>
<td>Series: BPL / BDU / BFIM</td>
</tr>
<tr>
<td>Size - 8, 10 &amp; 12”</td>
<td><strong>File Sets</strong></td>
</tr>
<tr>
<td>Built In Paddle Handle</td>
<td>Assorted Collections Of Mercer Files</td>
</tr>
<tr>
<td>Series: BFAR / BRKT</td>
<td>Size - 4 Pieces to 12 Pieces</td>
</tr>
<tr>
<td><strong>Files Accessories</strong></td>
<td>Series: BFS / BMH / BCR / GNR / GNS</td>
</tr>
<tr>
<td><strong>Safety / PPE</strong></td>
<td><strong>Files</strong></td>
</tr>
<tr>
<td><strong>N95 Particulate Respirators</strong></td>
<td><strong>Ear Protection</strong></td>
</tr>
<tr>
<td><strong>Eyewear</strong></td>
<td><strong>Ear Muffs</strong></td>
</tr>
</tbody>
</table>

*Thank you for your patience as Champion transitions Mercer product packaging to include Champion Cutting Tool branding. The new packaging will enter the market on a rolling basis.*
NEW

AC42 VARIBRUTE

HEAVY DUTY  |  VERSATILE  |  INNOVATIVE

PREMIUM FEATURES

- **Forward / Reverse**
  Ideal For Precision Tapping Operations

- **Variable Speed / Torque Control**
  Run Tools At Proper Speeds For Optimal Cutting Performance

5 CUTTING OPERATIONS 1 MAG DRILL

- **CUT**
  ANNULAR CUTTERS

- **DRILL**
  TWIST DRILLS

- **ENLARGE**
  REAMERS

- **THREAD**
  TAPS

- **DE-BUR**
  COUNTERSINKS
Are you a CHAMPION ALL-STAR? Use the chart below to see how many tools you use. 5 or more? E-mail a photo of your chart to sales@championcuttingtool.com to be sent cool Champion swag!

### CHAMPION

- TWIST DRILLS
- S&D DRILLS
- STEP DRILLS
- METAL CASED DRILL SETS
- TAPS
- DIES
- TAP & DIE SETS
- CARBIDE TIPPED HOLE CUTTERS
- CARBIDE BURS
- REAMERS
- END MILLS
- COUNTERSINKS
- SHEET METAL CUTTERS

### BRUTE PLATINUM

- TWIST DRILLS
- S&D DRILLS
- TWISTER DRILL SETS
- METAL CASED DRILL SETS
- TAPS
- TAPPER
- RZR CIRCULAR SAW BLADES
- MAINTENANCE REAMERS
- BRIDGE REAMERS
- STEP REAMERS
- END MILLS
- COUNTERSINKS

### ROTOBRUTE

- MAGNETIC DRILL PRESSES
- CARBIDE TIPPED ANNULAR CUTTERS
- HSS ANNULAR CUTTERS
- MAGNETIC PICK-UP TOOL
- CUTTING FLUID & WAX

### PROLINE

- SDS-PLUS HAMMER BITS
- SDS-MAX HAMMER BITS
- SPLINE HAMMER BITS
- REBAR CUTTERS
- FLOOR SCRAPERS
- HAMMER CORE DRILLS
- CHISELS
- TILE DRILLS
- ROTARY MASONRY DRILLS
- SPADE/AUGER BITS

### MERCER

- CUT-OFF WHEELS
- GRINDING WHEELS
- FLAP DISCS
- WIRE WHEELS & BRUSHES
- FILES
- DIAMOND BLADES
- CARBIDE BLADES
- SEMI-FLEXIBLE DISCS
- QUICK CHANGE DISCS
- RESIN FIBER DISCS
- PSA / HOOK & LOOP DISCS
- NON-WOVEN PRODUCTS
- SHOP ROLLS
- SAFETY PRODUCTS

### Questionnaire

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Job Title</th>
<th>Phone Number</th>
<th>Email Address</th>
<th>Shipping Address</th>
<th>Industry</th>
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<tbody>
<tr>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Certificate

CS200-SET

2” Depth Of Cut
Includes:
9/16, 11/16
13/16, 15/16
1-1/16, Pilot Pin

ROTOBRUTE ANNULAR CUTTER SETS
Engineered For Optimal Mag Drill Productivity
Available In 1” & 2” Depth Of Cut
Carbide Tipped: CT150-SET
HSS: CS200-SET, XL100-SET, XL200-SET