

Product Line Card 2021

10,000+ Problem Solving Tools | #EmbraceTheCuttingEdge



Champion Cutting Tool Corp Acquires Mercer Industries

October 19, 2020

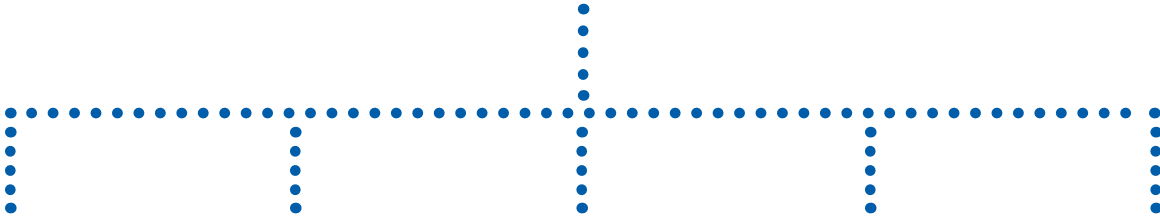
Rockville Centre, NY - Champion Cutting Tool Corp, a 123 year old supplier of high performance metal and concrete cutting tools to the industrial market, is excited to share that we have acquired Mercer Industries, a leading supplier of coated and bonded abrasives. Mercer's portfolio also includes carbide blades, diamond blades, industrial files, wire wheels, and safety products. Since 1968, Mercer's commitment to supply the industrial market with high quality, cost-effective tools, has served as a foundation for their success.






As a part of Champion Cutting Tool's expansion, the acquisition of Mercer Industries will give Champion's existing customers the convenience of purchasing from an even broader catalog of quality tools and a new offering of safety products. In addition, "Mercer customers will benefit from the many resources that Champion has to offer, including extremely dedicated and knowledgeable employees and some of the highest service levels in the industry. I am looking forward to joining Team Champion as the Global Director of Sales- Abrasives Division" - Jim Wallick, Former President, Mercer Industries.

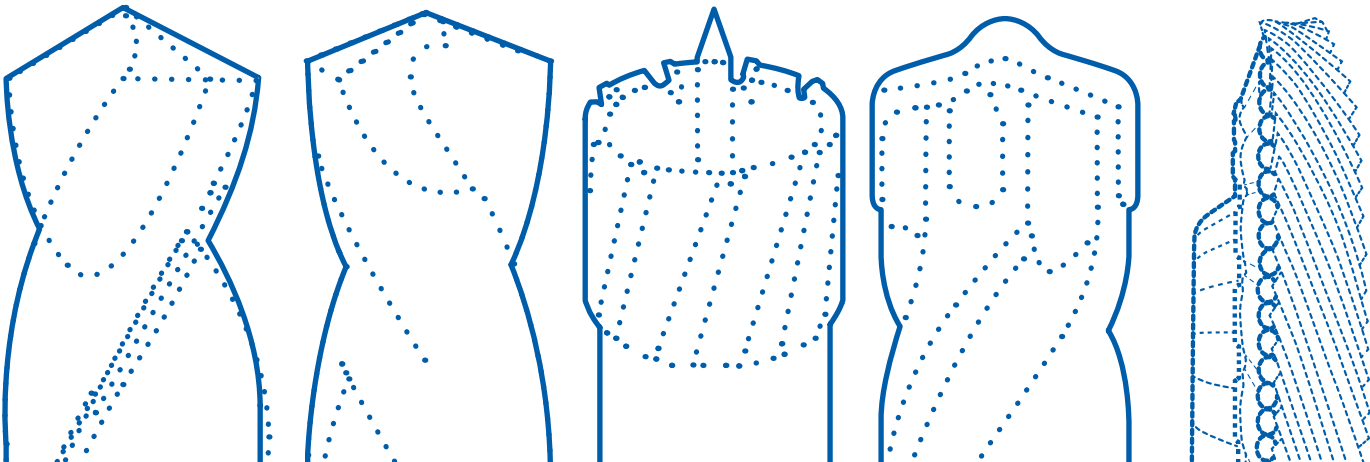
Significant parallels exist between Champion and Mercer. Both companies are New York based, multi-generational family businesses, who value people and embrace family-like cultures. Mercer Industries' namesake originates from Mercer Street in downtown New York City. Coincidentally, Champion's headquarters once resided on Warren Street, just a few blocks away. "The synergies that exist between the two companies just make sense. We are enthusiastic to be able to offer even more value to our customers and professional tool users. Hole making tools and de-burring tools go hand-in-hand. By adding complementary cutting, grinding, and finishing tools to our line, we are truly offering complete jobsite solutions." - Lowell Frey, President, Champion Cutting Tool Corp.

As a part of the acquisition, Champion's geographic footprint will expand to the West Coast. Champion will take over operations at Mercer's second distribution center in Fullerton, California.





 <p>Quality Cutting Tools You Can Rely On</p>	 <p>High Performance Cutting Tools</p>	 <p>The Ultimate Hole Cutting System</p>	 <p>Concrete, Masonry, Tile, & Wood</p>	 <p>Cutting, Grinding & Finishing</p>
<ul style="list-style-type: none"> Twist Drills Step Drills Taps Dies Carbide Tipped Hole Cutters Carbide Burs Reamers End Mills Countersinks Sheet Metal Cutters 	<ul style="list-style-type: none"> Twist Drills Taps Power Tapper Circular Saw Blades Reamers End Mills Countersinks Cutting Lubricants 	<ul style="list-style-type: none"> Magnetic Drill Presses Carbide Tipped Annular Cutters HSS Annular Cutters 	<ul style="list-style-type: none"> Hammer Bits Rebar Cutters Hammer Core Drills Hammer Chisels Floor Scrapers Tile Drills Rotary Masonry Drills Spade Bits Auger Bits 	<ul style="list-style-type: none"> Bonded Abrasives Coated Abrasives Carbide Blades Diamond Blades Wire Wheels & Brushes Pipe Cutting Guides Files Safety Products



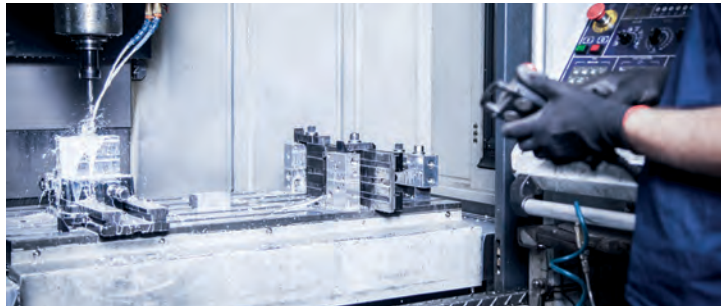
Tools By Industry Application



CONSTRUCTION

Commercial, Residential, Infrastructure, Architectural Metal & Glass

Twist Drills, Step Drills, Taps & Dies, XLT Tapper, Reamers, Carbide Tipped Hole Cutters, Circular Saw Blades, Countersinks, Sheet Metal Cutters, Hammer Bits, Rebar Cutters, Hammer Core Drills, Masonry Drills, Chisels & Floor Scrapers, Tile Drills, Magnetic Drill Presses & Annular Cutters, Cutting Fluid & Wax, Cut-Off Wheels, Grinding Wheels, Diamond Blades, Wire Wheels, Safety Products



INDUSTRIAL

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

Twist Drills, Taps & Dies, XLT Tapper, Reamers, Carbide Tipped Hole Cutters, Circular Saw Blades, Countersinks, End Mills, Carbide Burs, Fiberglass Routers, Turning Tools, Magnetic Drill Presses & Annular Cutters, Cutting Fluid & Wax, Cut-Off Wheels, Grinding Wheels, Wire Wheels, Safety Products



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

Magnetic Drill Presses & Annular Cutters, Twist Drills, Step Drills, Taps & Dies, XLT Tapper, Reamers, Carbide Tipped Hole Cutters, Circular Saw Blades, Countersinks, Sheet Metal Cutters, Carbide Burs, Cutting Fluid & Wax, Cut-Off Wheels, Grinding Wheels, Flap Discs, Fibre Discs, Flap Wheels, Wire Wheels, Files



MAINTENANCE, REPAIR & OPERATIONS

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

Twist Drills, Step Drills, Taps & Dies, XLT Tapper, Reamers, Carbide Tipped Hole Cutters, Circular Saw Blades, Countersinks, Sheet Metal Cutters, Hammer Bits, Hammer Core Drills, Rebar Cutters, Masonry Drills, Chisels & Floor Scrapers, Tile Drills, Magnetic Drill Presses & Annular Cutters, Cutting Fluid & Wax, Cut-Off Wheels, Grinding Wheels, Wire Wheels, Sanding Discs, Sanding Sheets, Non-Woven Pads & Discs



MECHANICAL, ELECTRICAL & PLUMBING

HVAC, Electrical Systems, Plumbing

Twist Drills, Step Drills, Taps & Dies, XLT Tapper, Reamers, Carbide Tipped Hole Cutters, Circular Saw Blades, Countersinks, Sheet Metal Cutters, Hammer Bits, Hammer Core Drills, Masonry Drills, Tile Drills, Magnetic Drill Presses & Annular Cutters, Cutting Fluid & Wax, Cut-Off Wheels, Sanding Sheets, Sanding Rolls, Non-Woven Pads, Files

Floor Preparation Products Also Available - Contact Champion For More Info

Sets For Every Industry

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.



Twist Drills



Drill Dispensers



Drill & Tap Indexes



Reamers



Taps & Dies



Step Drills



Carbide Burs



Carbide Tipped Hole Cutters






















Countersinks

Metal Cutting - Drills

* 135° Self-Centering Split Point
** 118° Self-Centering Split Point

Twist Drills

	XL5 Heavy Duty Jobber* Sizes - 1/16 to 1/2", Letters & Numbers Drill Stainless Steel & Tough Alloys	
	XL28 Heavy Duty Mechanics Length* 3 Flatted Reduced Shank - Sizes - 1/16 to 1/2" Drill Stainless Steel and Tough Alloys	
	705C Cobalt Jobber* Sizes - 1/64 to 1/2", Letters & Numbers Drill Stainless Steel In Drill Press	
	700T TIN Coated Jobber* Sizes - 1/16 to 1/2", Numbers For High Production CNC Drilling	
	XG0 BlackGold® Jobber* Sizes - 1/16 to 1/2", Letters & Numbers Drill Medium to Hard Alloys	
	705SP Split Point Jobber* Sizes - 3/64 to 1/2", Letters & Numbers Drill Low to Medium Alloys	
	705 General Purpose Jobber Sizes - 1/64 to 11/16", Letters & Numbers Drill Low to Medium Alloys	
	405 Bright Finish Jobber Sizes - 1/64 to 1/2", Letters & Numbers Drill Aluminum & Non-Ferrous Metals	
	USHD Split Point Jobber* Sizes - 1/16 to 1/2", Letters & Numbers Drill Low to Medium Alloys	
	US5 General Purpose Jobber Sizes - 1/16 to 1/2", Letters & Numbers Drill Low to Medium Alloys	

Hex Shank Drills

	HEX28 Hex Shank Drills* Sizes - 1/16 to 1/2", Drill Low to Medium Alloys 1/4" Hex Shank For Use In Impact Driver	
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Metric Drills

	XL8 Metric Jobber-Heavy Duty* Sizes - 1.0mm to 13.00mm Drill Stainless Steel & Tough Alloys	
	708 Metric Jobber-General Purpose Sizes - 0.25mm to 17.50mm Drill Low to Medium Alloys	

Silver & Deming 1/2" Shank Drills

	XL12 Heavy Duty S&D** 3 Flatted Shank- Sizes - 33/64 to 1-1/2" Drill Stainless Steel & Tough Alloys	
	712G0 Cobalt S&D** Sizes - 17/32 to 1-1/2" Drill Stainless Steel in Drill Press	
	XG12 BlackGold® S&D** 3 Flatted Shank-Sizes- 33/64 to 1-1/2" Drill Medium to Hard Alloys	
	712 General Purpose S&D Sizes - 33/64 to 1-1/2" Drill Low to Medium Alloys	
	US12 General Purpose S&D Sizes - 33/64 to 1-1/2" Drill Low to Medium Alloys	

Extra Long Drills

	1800 18" Longboy Drills Sizes - 3/16 to 1" 13" Usable Flute Length	
	1200 12" Longboy Drills Sizes - 1/8 to 3/4" 9" Usable Flute Length	

Extra Long Drills cont.

	1212 12" Longboy 1/2" Shank Sizes - 17/32 to 1" 9" Usable Flute Length	
	7012 12" Aircraft Extension* Sizes - 3/64 to 1/2", Numbers For Precision Drilling	
	7006 6" Aircraft Extension* Sizes - 3/64 to 3/8", Numbers & Letters For Precision Drilling	
	CS12X 12" Aircraft Extension* Sizes - 1/8 to 1/2", Numbers For Construction & Maintenance Drilling	
	CS6X 6" Aircraft Extension* Sizes - 1/16 to 1/2", Numbers For Construction & Maintenance Drilling	

Screw Machine "Stub" Drills

	1705C Cobalt Screw Machine* Sizes - 1/64 to 11/16", Numbers & Letters Drill Stainless Steel & Tough Alloys	
	1705 Screw Machine* Sizes - 3/64 to 1/2", Numbers & Letters Drill Low to Medium Alloys	

Reduced Shank Drills

	XM28 Heavy Duty Mechanics Length* 3 Flatted Shank - Sizes - 25/64 to 1/2" Drill Stainless Steel & Tough Alloys	
	XL38 Heavy Duty 3/8" Shank* Sizes - 25/64 to 1/2" Drill Medium To Hard Alloys	
	XG38 BlackGold® 3/8" Shank* Sizes - 25/64 to 1/2" Drill Medium To Hard Alloys	
	738 3/8" Shank Sizes - 25/64 to 11/16" Drill Low to Medium Alloys	
	CS14 1/4" Shank Sizes - 9/32 to 1/2" Drill Sheet Metal, Mild Steel, Aluminum	

Taper Shank / Taper Length Drills

	702 Taper Shank Drills Sizes - 3/8 to 1"	
	704 Taper Length Drills Sizes - 1/8 to 1/2"	
	S1, S2 Taper Sleeves, Sockets and D1 Drift Keys	

Left Hand Twist Drills

	XL5LH Heavy Duty Left Hand Drills* Sizes - 5/64, 7/64, 5/32, 1/4 & 19/64"	
	705LH Left Hand Drills Sizes - 1/32 to 1/2"	

Screw Extractors

	X1 Spiral Flute Screw Extractors Sizes - 1 to 12 (sets available)	
	X2 Straight Flute Screw Extractors Sizes - 1 to 7 (sets available)	

Metal Cutting - Drills, Saws, Cutters & Reamers

Step Drills

MSD-HEX Hex Shank Step Drills*
 1/4" 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
 13 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 - 1/64 to 1/2"
 Drill Abrasive & Non-Ferrous Materials



CT505 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



CT705 Carbide Tipped Locksmith
 Sizes - 1/8 to 1/2"
 Non-Precision Drilling: Hardened Steel & Safes



Other Drills & Accessories

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



705-Pilot Drill For Hole Saws
 1/4" Diameter, 4" OAL, 118° Split Point
 Triple Slab 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-Alum/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"
 1/4" 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
 1/4" Depth of Cut or 1/2" Depth of Cut
 Sizes - 1/4 to 1-1/2" Diameter



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"



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



982 Taper Shank Bridge Reamers
 Sizes - 7/16 to 1-5/8" (Spiral Flute)



Car Reamers

SA80 Heavy Duty Car Reamers
 Sizes - 5/16 to 1-1/2"
 Flatted Straight Shank



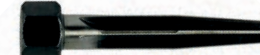
HX82 Hex Shank Car Reamers
 Sizes - 11/16 to 1-3/16" (Spiral Flute)



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)



Step Reamers

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



Metal Cutting - Threading

* Specify Taper, Plug, Bottom, or Set
** Specify Plug or Bottom

Power Tapper



XLT Tapper

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 9/16"



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



3088 8 Thread Hand Taps*
Sizes - 1-1/8 to 4



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 1-14



Carbon Hand Taps



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



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



Nut Taps



1308 Nut Taps
Sizes - 1/4-20 to 1/2-13



Pulley Taps



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



Pipe Taps (HSS)



324/324H Taper Pipe Taps
Regular / High Hook, NPT
Sizes - 1/16-27 to 2-11-1/2



324I Taper Pipe Taps
Interrupted Thread, NPT
Sizes - 1/8 to 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/DT22M Combined Drill & Tap
Square Shank
Sizes - Fractions & Metric



DT22T Combined Drill & Tap
Titanium Nitride Coated - Square Shank
Sizes - Fractions & Metric



Hexagon Rethreading Dies



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



3308 8 Thread Special Dies
8 Thread - Sizes - 1-1/8 to 4



CS30 Dies
Sizes - 4-40 to 1-14



Metric Hexagon Rethreading Dies



330M Dies
Sizes - 3x.5 to 27x3



CS30M Dies
Carbon Steel Sizes - 3x.5 to 18x2.5



Left Hand Hexagon Rethreading Dies



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



Screw Adjustable Dies



328 Round Dies
Sizes - 6-32 thru 1-14



Die Stocks



3305 Hex Converter For Round Dies
Sizes - 13/16 to 2"



3291/3292 Round/Hex Die Stocks
Sizes - 13/16 to 2"



Metal Cutting - Countersinks, Burs, Tool Bits

Multi Flute Countersinks

- BRUTE PLATINUM** **XL801 Single Flute Countersinks**
 Sizes - 1/4 to 2" - 60 / 82 / 90 / 100 & 120°
 Countersink Stainless Steel & Tough Alloys
 Use In Portable Drill, Drill Press, or Bridgeport Machine
- CHAMPION** **800 Four Flute Countersinks**
 Sizes - 1/2 to 1" - 60 / 82 & 90°
 Countersink/Chamfer Many Steels & Alloys
 Use In Screw Machines & Turret Lathes
- CHAMPION** **799 Three Flute Countersinks**
 Sizes - 1/4 to 1" - 60 / 82 / 90 / 100 & 120°
 Countersink/Chamfer Many Steels & Alloys
 Use In Portable Drills & Drill Presses
- CHAMPION** **799L Large Four Flute Countersinks**
 Sizes - 1-1/4 to 2" - 60 / 82 & 90°
 Countersink/Chamfer Many Steels & Alloys
 Use In Portable Drills & Drill Presses

Zero Flute 'Weldon' Countersinks

- CHAMPION** **CSK Zero Flute Countersinks**
 82° Piloted or Pilotless
 De-Bur Metal, Plastic, Wood, Aluminum
 Use In Portable Drills & Drill Presses
- CHAMPION** **CSK-SH Hex Shank Zero Flute Countersinks**
 82° Pilotless, 1/4" Hex Shank
 De-Bur Metal, Plastic, Wood, Aluminum
 Use In Impact Drivers
- CHAMPION** **CSKA/DBK Zero Flute Countersinks**
 100°/90°
 De-Bur Metal, Plastic, Wood, Aluminum
 Use In Portable Drills & Drill Presses

Combined Drill & Countersinks

- CHAMPION** **798 Combined Drill & Countersinks**
 HSS / Plain Style / 60° Included Angle
 Commonly Called "Center Drills"
 Drill Center Holes In Material Turned On Lathes
- CHAMPION** **198 Combined Drill & Countersinks**
 Solid Carbide/Plain Style/60° Included Angle
 Commonly Called "Center Drills"
 Drill Center Holes In Material Turned On Lathes

Carbide Burs - Ferrous Metals

- CHAMPION** **Carbide Burs - Double Cut**
 Titanium Nitride Coated
 Shapes - SA to SN / Sizes - 1/8 to 1"
- CHAMPION** **Carbide Burs - Double Cut**
 Uncoated, Standard OAL & 6" Length
 Shapes - SA to SN / Sizes 1/8 to 3/4"
- CHAMPION** **Radius Burs - Double Cut**
 SB5RA / SC5RA / SF5RA
 Sizes - 1/2"
- CHAMPION** **Carbide Burs - Miniature**
 Double Cut, 1-1/2" OAL
 Shapes - SA to SN / Sizes 1/16 to 1/4"

Carbide Burs - Non Ferrous Metals

- CHAMPION** **Carbide Burs - Non Ferrous**
 Single Flute
 Shapes - SA to SL / Sizes - 1/4 to 3/4"

Fiberglass Routers

- CHAMPION** **Carbide Fiberglass Routers**
 Sizes - FGR-1 to FGR-9

Tool Bits & Turning Tools

- CHAMPION** **515 HSS Square Tool Bits**
 Sizes - 1/8 to 1-1/4"
- CHAMPION** **516 Cobalt Square Tool Bits**
 Sizes - 1/8 to 1-1/4"
- CHAMPION** **Brazed Carbide Turning Tools**
 Styles - AL/AR/BL/BR/C/D/E

Metal Cutting - End Mills

* Aluminum Chromium Nitride
 ** Titanium Nitride

Cobalt & Coated End Mills

- BRUTE PLATINUM** **XLVC/XLVR AlCrN Coated End Mills***
 Four Flute / Single End / Right Hand Helix
 High Performance, Multi-Purpose
 Sizes - 1/4 to 1"
- BRUTE PLATINUM** **XL600 Cobalt TiN Coated End Mills****
 2 Flute / Single End / Right Hand Helix
 Milling Of Tough Alloys
 Sizes - 1/8 to 1-1/4"
- BRUTE PLATINUM** **XL606 TiN Coated Cobalt End Mills****
 Multi Flute / Single End / Right Hand Helix
 Milling Of Tough Alloys
 Sizes - 1/8 to 1-1/2"
- CHAMPION** **600T TiN Coated HSS End Mills****
 2 Flute / Single End / Right Hand Helix
 Sizes - 1/8 to 2"
- CHAMPION** **601T TiN Coated HSS End Mills****
 Multi Flute / Single End / Right Hand Helix
 Sizes - 1/8 to 2"
- CHAMPION** **602CO Cobalt End Mills**
 2 Flute / Double End / Right Hand Helix
 Milling Stainless Steels & Tough Materials
 Sizes - 1/8 to 1"
- CHAMPION** **607CO Cobalt End Mills**
 4 Flute / Double End / Right Hand Helix
 Milling Stainless Steels & Tough Materials
 Sizes - 1/8 to 1"
- CHAMPION** **609 Cobalt Roughing End Mills**
 Multi Flute / Single End / Right Hand Helix
 Sizes - 1/2 to 2"

Carbide End Mills cont.

- CHAMPION** **166 Solid Carbide End Mills**
 4 Flute / Single End / Right Hand Helix
 1/16 to 1"
- CHAMPION** **167 Solid Carbide End Mills**
 4 Flute / Double End / Right Hand Helix
 1/8 to 1/2"

High Speed Steel End Mills

- CHAMPION** **600 HSS End Mills**
 2 Flute / Single End / Right Hand Helix
 General Purpose Milling
 Sizes - 1/8 to 2"
- CHAMPION** **601 HSS End Mills**
 Multi Flute / Single End / Right Hand Helix
 General Purpose Milling
 Sizes - 1/8 to 2"
- CHAMPION** **602 HSS End Mills**
 2 Flute / Double End / Right Hand Helix
 General Purpose Milling
 Sizes - 1/8 to 1"
- CHAMPION** **603 HSS End Mills**
 4 Flute / Double End / Right Hand Helix
 Economic Profiling & Milling Of Slots
 Sizes - 1/8 to 1"
- CHAMPION** **604 HSS Ball End Mills**
 2 Flute / Single End / Right Hand Helix
 General Purpose Radius Milling
 Sizes - 1/8 to 1-1/2"
- CHAMPION** **606 HSS End Mills**
 4 Flute / Single End / Right Hand Helix
 Plunge Cutting & Fine Finish Required
 Sizes - 1/8 to 1-1/2"
- CHAMPION** **607 HSS End Mills**
 4 Flute / Double End / Right Hand Helix
 Plunge Cutting & Fine Finish Required
 Sizes - 1/8 to 1"

Carbide End Mills

- CHAMPION** **106 Solid Carbide End Mills**
 2 Flute / Single End / Right Hand Helix
 Sizes - 1/32 to 1"
- CHAMPION** **107 Solid Carbide End Mills**
 2 Flute / Double End / Right Hand Helix
 Sizes - 1/8 to 1/2"

Magnetic Drill Presses & Annular Cutters

Magnetic Drill Presses & Cutting Lubricants

AC35 MiniBrute
Powerful & Lightweight
Cutter Capacity:
1-3/8" Diam x 2" Depth
Twist Drill Capacity - 3/4"



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



RB32 MiniBrute
Lightweight, Reverse Feed Handle
Cutter Capacity:
1-3/8" Diam x 1-3/16" Depth



RB32-VSR MiniBrute
Variable Speed Reversible
Cutter Capacity:
1-3/8" Diam x 1-3/16" Depth
Can Use With Taps



RB65E MegaBrute
Powerful, Large Capacity
Cutter Capacity:
4" Diam x 4" Depth
Twist Drill Capacity - 1-1/4"



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



Carbide Tipped Annular Cutters

CT150 Carbide Tipped Cutters
Long Tool Life, Drill Tough Alloys
1-3/8" Depth Of Cut, Sizes - 1/2 to 1-9/16"



CT200 Carbide Tipped Cutters
Long Tool Life, Drill Tough Alloys
2" Depth Of Cut, Sizes - 1/2 to 4" Diam



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



CT400 Carbide Tipped Cutters
Long Tool Life, Drill Tough Alloys
4" Depth Of Cut, Sizes - 3/4 to 2" Diam



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



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



Magnetic Drill Press Accessories

**Additional Arbors Available
For RotoBrute
Magnetic Drill Presses**



**Additional Drill Chucks
For RotoBrute
Magnetic Drill Presses**



**Saddle for Cutting Pipe
Attach Mag Drill To Convex Surfaces,
Steel Pipe, & Tubing**



**RMX7
Magnetic Clean Up Tool**



Pilot Pins

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



Pilots XL Annular Cutters
For XL100, XL200, XL300



Pilots CS Annular Cutters
For CS100, CS200



Concrete & Masonry Tools

SDS Plus Hammer Bits

PROLINE **CM95X SDS Plus Hammer Bits**
Solid Tip Cross Head - Penetrate Rebar
Sizes - 5/32x2x4 to 1-1/4x16x18"



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



PROLINE **CM9 SDS Plus Hammer Bits**
Sizes - 5/32x2x4 to 1x8x10"



PROLINE **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

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



Spline Shank Hammer Bits

PROLINE **CM97 Spline Shank**
Single Point
Sizes - 3/8x5x10 to 2x17x22"



PROLINE **CM98 Spline Shank**
Quad Point
Sizes - 5/8x5x10 to 2x18x23"



Rebar Cutters

PROLINE **CM79SDS Rebar Cutters**
SDS Plus Shank
Sizes - 3/8 to 1-1/8"



PROLINE **CM79 Rebar Cutters**
Straight Shank
Sizes - 1/2 to 1-1/2"



Core Drills

PROLINE **CM89HC Hammer Core Bits**
SDS Max, Spline
Sizes - 1-3/4 to 5"



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



PROLINE **Hammer Core Bit Shanks**
SDS Plus, SDS Max, Spline



Chisels & Floor Scrapers

PROLINE **Hammer Chisels**
Over 50 Styles & Sizes
SDS Max, Spline, Breaker, 3/4" Hex, SDS Plus



PROLINE **Floor Scrapers**
Complete Kit & Replacements Blades
SDS Max, Spline, 3/4" Hex



Tile Drills & Diamond Cutters

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



PROLINE **PTC4 Multi Purpose Diamond Hole Saws**
Drill Tile, Masonry, Plastics & Wood
Pilot & Arbor Separate, Sizes - 3/4 to 4"



PROLINE **PTC Porcelain Tile Spearpoint Drills**
Drill Tile, Ceramic & More
Sizes - 3/16 to 5/16"



CHAMPION **CT505 Glass & Tile Drills**
Drill Ceramic & Glass
Sizes - 1/8 to 5/8"



Rotary Masonry Drills

PROLINE **CM85 Rotary Masonry Drills**
Use In Rotary Percussion Drill
Multiple Lengths, Sizes - 1/8 to 1"



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



PROLINE **CSC6 Rotary Masonry Drills**
Use in Rotary Percussion Drill
6" Length, Sizes - 1/4 to 3/4"



Tapcon Drills

PROLINE **CM95T SDS Plus Drills For Tapcon Adaptors**
Sizes - 5/32x2x5 to 3/16x4x7



PROLINE **TCB Straight Shank Drills For Tapcon Adaptors**
Sizes - 5/32x3-1/2 to 3/16x6-1/2"



Multi Purpose Drills

PROLINE **CM-MPB Multi-Purpose Drills**
Drill Metal, Wood, Tile
Sizes - 1/8 to 1/2"



Wood Cutting Tools

Auger Drills

PROLINE **8606 Heavy Duty Auger Drills**
6" Length
Sizes - 1/2 to 1-1/2"



PROLINE **8018 Auger Drills**
17" Length
Sizes - 3/8 to 1-1/2"



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



Wood Boring Drills

PROLINE **8001 Wood Boring Flat Bits**
6" Long
Sizes - 1/4 to 1-1/2"



Bellhanger Drills

PROLINE **8048 Bellhanger Drills**
12, 18, 24 & 30" Lengths



Cutting - Bonded Abrasives

Thin Cut Off Wheels - Type 1 - Angle Grinders

Zirconia
For Ferrous Metals Especially Stainless Steel
Sizes - 4-1/2, 5 & 6"
Series: 630



Heat Treated Aluminum Oxide
For Ferrous Metals Including Stainless Steel
Sizes - 4 to 9"
Series: 617



Aluminum Oxide
For General Purpose Ferrous Metals
Sizes - 4 to 7"
Series: 616



Aluminum Oxide/Silicon Carbide
For Non Ferrous Metals / Aluminum
Sizes - 4-1/2, 5 & 6"
Series: 631



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

Silicon Carbide - Double Reinforced
For Asphalt
Sizes - 12 & 14"
Series: 611



Aluminum Oxide - Triple Reinforced
For General Purpose Ferrous Metals
Sizes - 12 & 14"
Series: 607



Silicon Carbide - Triple Reinforced
For Concrete & Masonry
Sizes - 12 & 14"
Series: 608



Thin Cut Off Wheels - Type 27 - Angle Grinders

Zirconia
For Ferrous Metals Especially Stainless Steel
Sizes - 4-1/2 to 7"
Series: 632



Heat Treated Aluminum Oxide
For Ferrous Metals Including Stainless Steel
Sizes - 4 to 9"
Series: 619



Aluminum Oxide
For General Purpose Ferrous Metals
Sizes - 4-1/2 to 7"
Series: 618



Aluminum Oxide/Silicon Carbide
For Non Ferrous Metals / Aluminum
Sizes - 4-1/2, 5 & 6"
Series: 633



Cut Off Wheels - Type 1 - Chop Saws

Zirconia - Double Reinforced
For Ferrous Metals Especially Stainless
Sizes - 14"
Series: 602



Heat Treated Aluminum Oxide - Double Reinforced
For Ferrous Metals Including Stainless Steel
Sizes - 14"
Series: 602



Aluminum Oxide - Double Reinforced
For General Purpose Ferrous Metals
Sizes - 12 & 14"
Series: 602



Aluminum Oxide - Double Reinforced
Redmax For Metal Framing Studs
Sizes - 14"
Series: 602



Aluminum Oxide - Center Reinforced
For General Purpose Ferrous Metals
Sizes - 12, 14 & 16"
Series: 603



Cut Off Wheels - Type 1 - Die / Angle Grinders

Heat Treated Aluminum Oxide - Double Reinforced
For Ferrous Metals Including Stainless Steel
Sizes - 4-1/2"
Series: 615



Aluminum Oxide - Double Reinforced
For General Purpose Ferrous Metals
Sizes - 3, 4 & 4-1/2"
Series: 613, 614, 615



Silicon Carbide - Double Reinforced
For Concrete & Masonry
Sizes - 4 & 4-1/2"
Series: 614, 615



Cut Off Wheels - Type 1 - Stationary Saws

Heat Treated Aluminum Oxide - Double Reinforced
For Ferrous Metals Including Stainless Steel
Sizes - 14"
Series: 600



Aluminum Oxide - Double Reinforced
General Purpose Ferrous Metals
Sizes - 10 to 20"
Series: 600



Silicon Carbide - Double Reinforced
For Concrete & Masonry
Sizes - 10, 12 & 14"
Series: 601



Cut Off Wheels - Type 1 - Portable Gas Saws

Heat Treated Aluminum Oxide - Double Reinforced
For Ferrous Metals Including Stainless Steel
Sizes - 12 & 14"
Series: 612



Aluminum Oxide - Double Reinforced
For General Purpose Ferrous Metals
Sizes - 12 & 14"
Series: 604



Silicon Carbide - Double Reinforced
For Concrete & Masonry
Sizes - 12 & 14"
Series: 605



Aluminum Oxide/Silicon Carbide - Double Reinforced
For Ductile Pipe, Water Mains & Cast Iron
Sizes - 12 & 14"
Series: 606



Cut Off Wheels - Type 1 - Circular Saws

Aluminum Oxide - Double Reinforced
For General Purpose Ferrous Metals
Sizes - 7 & 8"
Series: 600



Silicon Carbide - Double Reinforced
For Concrete & Masonry
Sizes - 7 & 8"
Series: 601



Cut Off Wheels - Type 1 - Walk Behind Street Saws

Silicon Carbide - Double Reinforced
For Concrete, Green Concrete or Asphalt
Sizes - 14 x 3/16" and 14 x 1/4"
Series: 609, 610



Grinding - Bonded Abrasives - Angle Grinders

Grinding Wheels - Type 27 - 1/4"



Zirconia - ZA24T
For Ferrous Metals Especially Stainless Steel
Sizes - 4-1/2, 5 & 7"
Series: 622



Heat Treated Aluminum Oxide - AT24R
For All Metals Including Stainless Steel
Sizes - 4 to 9"
Series: 623



Aluminum Oxide - A24U
For Long Life On Ferrous Metals
Sizes - 4 to 9"
Series: 624



Aluminum Oxide - A24S
For General Purpose Ferrous Metals
Sizes - 4 to 9"
Series: 620



Aluminum Oxide/Silicon Carbide - AC24R
For Non Ferrous Metals / Aluminum
Sizes - 4-1/2, 5 & 7"
Series: 627



Silicon Carbide - C24S
For Concrete & Masonry
Sizes - 4 to 9"
Series: 621



Cutting & Light Grinding Wheels - Type 27 - 1/8"



Zirconia - ZA30S
For Ferrous Metals Especially Stainless Steels
Sizes - 4-1/2, 5 & 7"
Series: 622



Heat Treated Aluminum Oxide - AT24R
For Ferrous Metals Including Stainless Steel
Sizes - 4-1/2 to 9"
Series: 623



Aluminum Oxide - A24S
For General Purpose Ferrous Metals
Sizes - 4 to 9"
Series: 620



Silicon Carbide - C24S
For Concrete & Masonry
Sizes - 9"
Series: 621



Flexible Grinding Wheels - Type 27 - 1/8"



Aluminum Oxide / Silicon Carbide
For Ferrous Metals
Sizes - 4, 4-1/2 & 7"
Available in AC36R, AC46R, AC60R, AC80R
Series: 626



Contoured Grinding Wheels - Type 28 - 1/4"



Aluminum Oxide - A24S
For General Purpose Ferrous Metals
Sizes - 7 & 9"
Series: 625



Silicon Carbide - C24S
For Concrete & Masonry
Sizes - 7 & 9"
Series: 628



Bonded Abrasives Accessories



Mandrels - For 1/4" & 3/8" Arbors
Bushings - Reduces 1" Arbor
Reusable Adaptors - 7/8 to 5/8"-11
Series: 694 / 692 / 693



Pipe Cutting Guides
Sizes - 1-2/3 to 8-5/8"
For Pipe Sizes - 1-1/4 to 8"
Series: 730



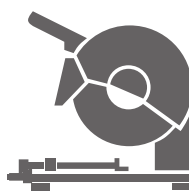
Bonded Abrasives Reference Guide

Popular Power Tools

Angle Grinder



Chop Saw



Die Grinder



Circular Saw



Gas Saw



Stationary Saw



Street Saw



Types

Type 1



Type 27












Type 28













Coated Abrasives






Flap Discs - Fiberglass Backing - Type 29

 <p>Ceramic For Alloys & Ferrous Metals Including Stainless Steel Size - 4-1/2" Grits - 36 to 120 Series: 349</p>	
 <p>Zirconia - High Density For Ferrous Metals Including Stainless Steel Sizes - 4, 4-1/2, 5, 6 & 7" Grits - 36 to 120 Series: 337 / 332 / 336 / 339 / 333</p>	
 <p>Zirconia - Standard Density For Ferrous Metals Including Stainless Steel Sizes - 4, 4-1/2, 5 & 7" Grits - 36 to 120 Series: 347 / 342 / 346 / 343</p>	
 <p>Zirconia SkillPro Economical For Ferrous Metals Size - 4-1/2 Grits - 40, 60, 80, 120 Series: 338</p>	
 <p>Aluminum Oxide - High Density For General Purpose Ferrous Metals & Wood Size - 4-1/2 Grits - 36 to 120 Series: 330</p>	
 <p>Aluminum Oxide - Standard Density For General Purpose Ferrous Metals & Wood Size - 4-1/2 Grits - 36 to 120 Series: 340</p>	







Flap Discs - Fiberglass Backing - Type 27

 <p>Ceramic For Alloys & Ferrous Metals Including Stainless Steel Size - 4-1/2 & 7" Grits - 36 to 120 Series: 269 / 261</p>	
 <p>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</p>	
 <p>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</p>	
 <p>Aluminum Oxide - High Density For General Purpose Ferrous Metals & Wood Size - 4-1/2 Grits - 36 to 120 Series: 260</p>	
 <p>Aluminum Oxide - Standard Density For General Purpose Ferrous Metals & Wood Size - 4-1/2 Grits - 36 to 120 Series: 270</p>	







Trimmable Flap Discs - Type 29 / 27

 <p>Ceramic For Alloys & Ferrous Metals Including Stainless Steel Type 29 Sizes - 4-1/2 & 5/8"-11 Grits - 36 to 120 Series: 349T</p>	
 <p>Zirconia - High Density For Ferrous Metals Including Stainless Steel Type 29 & 27 Sizes - 4-1/2 & 5/8"-11 Grits - 36 to 120 Series: 332T / 262T</p>	
 <p>Zirconia - Standard Density For Ferrous Metals Including Stainless Steel Type 29 Sizes - 4-1/2 & 5/8"-11 Grits - 36 to 120 Series: 342T</p>	









Resin Fibre Discs

 <p>Ceramic For Alloys & Ferrous Metals Including Stainless Steel Sizes - 4-1/2, 5 & 7" Grits - 24, 36, 50, 60 & 80 Series: 319 / 372 / 373</p>	
 <p>Zirconia For Ferrous Metals Including Stainless Steel Sizes - 4, 4-1/2, 5, 7 & 9-1/8" Grits - 24, 36, 50, 60 & 80 Series: 306 / 307 / 308 / 309 / 310</p>	
 <p>Aluminum Oxide For General Purpose Ferrous Metals & Wood Sizes - 4, 4-1/2, 5, 6, 7 & 9-1/8" Grits - 16 to 120 Series: 300 / 301 / 302 / 303 / 304 / 305 / 317 / 318 / 323</p>	





Semi Flexible Discs - Type 27

 <p>Silicon Carbide - Built In Backing Pad Concrete & Masonry, Fibreglass, Non Ferrous Metals Sizes - 4-1/2 & 7" Grits - 16, 24, 36 & 60 Series: 320 / 322</p>	
 <p>Silicon Carbide - Fibre Backing For Concrete & Masonry Sizes - 4-1/2 & 7" Grits - 16, 24, 36, 60, 80 & 120 Series: 313 / 314</p>	
 <p>Aluminum Oxide - Fibre Backing For General Purpose Ferrous Metals Sizes - 4-1/2 & 7" Grits - 16, 24 & 36 Series: 311 / 312</p>	




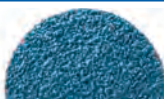


Rolls

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

Flap Wheels

 <p>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 Series: 360 / 361 / 362 / 363 / 364 / 365</p>	
 <p>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</p>	

Quick Change Discs - Type R




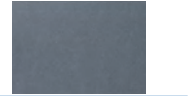






 <p>Ceramic For Alloys & Ferrous Metals Including Stainless Steel Sizes - 2 & 3" Grits - 36, 40, 60 & 80 Series: 389</p>	
 <p>Zirconia For Ferrous Metals Including Stainless Steel Sizes - 2 & 3" Grits - 24 to 120 Series: 393</p>	
 <p>Aluminum Oxide For General Purpose Ferrous Metals & Wood Sizes - 2 & 3" Grits - 24 to 320 Series: 390</p>	

Coated Abrasives



Non Woven Products

	Quick Change Discs - Type R For Ferrous, Non-Ferrous Metals. Alloys & Fiberglass Sizes - 2 & 3" Grade - Blue-Fine, Maroon-Medium, Brown-Coarse Series: 3912 / 3913	
	Hook & Loop Discs For Ferrous, Non-Ferrous Metals. Alloys & Fiberglass Sizes - 4-1/2, 5 & 7" Grade - Blue-Fine, Maroon-Medium, Brown-Coarse Series: 3944 / 3945 / 3947	
	Surface Preparation Wheels For Ferrous, Non-Ferrous Metals. Alloys & Fiberglass Sizes - 4, 4-1/2 & 7" Grade - Grey-Ultra Fine, Maroon-Fine, Black-X-Coarse Series: 395 / 396 / 397	
	6 x 9" Hand Pads For Ferrous, Non-Ferrous Metals. Alloys & Fiberglass Grades - White-Non Abrasive, Grey-Ultra-Fine, Maroon-Very Fine, Green-Fine, Black-Medium, Tan-Coarse Series: 285	
	4-1/2 & 9-1/2" Utility Pads For Cleaning Tiles, Floors, Metals White-Light-Duty, Blue-Medium-Duty, Brown-Heavy-Duty Series: 284	

9 x 11 Sanding Sheets

	Aluminum Oxide & Garnet Paper For Wood & Metal Grits - 36D to 320A Series: 202 / 230 / 205 / 206	
	Silicon Carbide Paper For Stone, Glass & Metal Types Waterproof & Finishing Grits - 60C to 2000A Series: 220 / 240	
	Aluminum Oxide Cloth For Metal & Wood Grits - 36 to 400 Series: 225	
	Emery Cloth For Metal Grits - 36 to 320 Grades - Fine to X-Course Series: 215 / 216	
	Screens For Drywall, Fiberglass, Fillers & Metal Grits - 80 to 600 Series: 210	









Steel Wool Hand Pads

	Steel Wool Hand Pads For Ferrous Metal & Wood Grades - 0000-Super Fine to 4-Extra Coarse Series: 283	
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Aluminum Oxide Sanding Belts

	Aluminum Oxide For Wood, Metal, Plastic & Composites Width- 1 to 6" Grits - 36x to 320x Series: 100 / 101 / 102 / 104 / 105 / 106 / 107 / 108 / 110 / 111 / 112 / 115 / 121	
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Hook & Loop Discs

	Red Heavyweight Aluminum Oxide For Wood, Metal, Plastic & Fiberglass Sizes - 5" x 5 or 8 Hole, 6" x 6 Hole Grit - 40F to 320E Series: 578 / 580	
	Aqua Aluminum Oxide Stearated For Wood, Fiberglass, Fillers & Metal Sizes - 5" x No, 5 or 8 Hole, 6" x No, 6 or 8 Hole Grits - 60C to 320C Series: 592 / 593	
	Silicon Carbide - Waterproof For Stone, Glass, Solid Surfaces & Metal Sizes - 5" x No Holes Grits - 40E to 800C Series: 521	
	Micron Finishing For Solid Surfaces, Glass & Stone Sizes - 5 & 6" x No Hole Grade - 9u to 60u Series: 527	





Drywall Products

	Silicon Carbide Paper For Drywall, Plaster, Filler & Paint Sizes - 4-3/16" x 11" Grits - 60D to 220D Series: 245	
	Silicon Carbide Screens For Drywall, Plaster, Filler & Paint Sizes - 4-1/8" x 11" Grits - 80 to 220 Series: 250	
	Aluminum Oxide Pads / Hook & Loop Discs For Drywall, Plaster, Filler & Paint Size - 9" Grits - 80 to 220 Series: 255 / 256	
	Aluminum Oxide Sponges For Drywall, Wood, Plaster & Metal Styles - Flexible, Angled, Dual-Angled, X-Large & Contour Grades - Coarse To Fine Series: 280 / 282 / 277 / 278 / 279	

PSA Discs

	Red Heavyweight Aluminum Oxide For Wood, Metal, Plastic & Fiberglass Sizes - 5" x No Hole & 5 Hole Grits 40E to 320E Series: 579	
	Aqua Aluminum Oxide Stearated For Wood, Fiberglass, Fillers, Metal Sizes - 5" & 6" x No Holes Singles Or Rolls Grits - 60C to 600C Series: 585 / 586 / 582 / 583	
	Silicon Carbide - Waterproof For Stone, Glass, Solid Surfaces & Metal Sizes - 5" x No Hole Grits - 36E to 1500C Series: 522	
	Aluminum Oxide Cloth For Metal, Wood, Plastic & Fiberglass Sizes - 5, 6, 8, 9 & 12" x No Hole Grits - 36 to 220 Series: 350 / 351 / 353 / 354 / 356	
	Micron Finishing For Solid Surfaces, Glass & Stone Sizes - 5 & 6" x No Hole Grade - 9u to 60u Series: 526	

Accessories

	Backing Pads For Discs For Fibre, Semi Flexible, PSA, Hook & Loop, Surface Conditioning & Quick Change Discs Sizes - 2 to 9" Series: 325 / 326 / 324 / 327 / 328 / 329 / 392	
	Belt Cleaning Sticks For Cleaning Sanding Belts Sizes - 1-1/2 x 1-1/2" x 8 Series: 371151	

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 / 718 / 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
For Asphalt & Green Concrete
Sizes - 12 & 14"
Series: 663



Segmented - Laser Welded - Combo Blade
For Concrete & Masonry, Asphalt & Green Concrete
Sizes - 14, 16 & 18"
Series: 681



Segmented - SkillPro
Economy For Concrete & Masonry
Sizes - 4, 4-1/2, 7 & 14"
Series: 666



Multi-Purpose
Concrete & Masonry, Plastic, PVC & Metal
Sizes - 4-1/2, 7, 12 & 14"
Series: 680



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



Segmented Crack Repair Blades
For Concrete & Masonry
Sizes - 4"
Series: 668



Wire Wheels - Angle Grinders

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



Stringer Bead Wire Wheels
Size - 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
Size - 5/8"-11 to M10x1.25 or M10x1.5
Series: 190








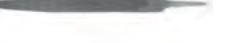



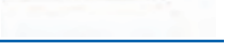












Files / Rasps

Files

	Half Round & Pipeliner Files Size - 4 to 16" Cut - Bastard, Second, Smooth Series: BHR / BPP / BCDHR	
	Round Files Size - 4 to 16" Cut - Bastard, Second, Smooth Series: BRO / BCDRO	
	Mill Files - Single Cut & Blunt Size - 4 to 14" Cut - Bastard, Second, Smooth Series: BMR / BMB / BCDMR	
	Flat & Flat Foundry Files Size - 4 to 18" Cut - Bastard, Second, Smooth Series: BFL / BFN / BCDFL	
	Hand Files Size - 8, 10, 12 & 14" Cut - Bastard, Second, Smooth Series: BHA	
	Spot Welder Tip Files Size - 10" Series: BWE	
	Aluminum Files Size - 8 to 14" Type - Half Round & Flat Series: BAL	
	Square Files Size - 4 to 14" Cut - Bastard, Second, Smooth Series: BSQ	
	Pillar Files Size - 6, 8 & 10" Cut - Bastard, Second, Smooth Series: BPI	
	Round Chain Saw Files Size - 6 x 1/8" to 8 x 1/4" Series: BCS / BCDCS	
	Farmers Own Files / Rotary Mower Files Size - 8, 10 & 12" Built In Paddle Handle Series: BFAR / BROT	

Files / Rasps / Handles

	Lathe Files Size - 8, 10, 12 & 14" Series: BLA	
	Saw Files Size - 4 to 10" Cut - Various Tapers, Cant Saw, Double Ender & Cross Cut Series: BTR / BCA / BDE / BCC / BDEH	
	Three Square Files Size - 4 to 14" Cut - Bastard, Second, Smooth Series: BTH	
	Warding Files Size - 4, 6, 8 & 10" Cut - Bastard, Second, Smooth Series: BWA	
	Knife Files Size - 4, 6, 8 & 10" Cut - Bastard, Second, Smooth Series: BKN	
	Mill Curved Tooth Files Size - 8, 10, 12 & 14" Cut - Flexible No Tang & Rigid With Tang Series: BMC	
	Wood & Cabinet Rasps Size - 8, 10, 12 & 14" Cut - Bastard, Second, Smooth Type - Flat, Half Round, Round Series: BWF / BWH / BWR / BCA	
	Shoe & Horseshoe Rasps, Combination File/Rasp Size - 8, 10 & 14" Type - 4-in-1 Shoe Rasp, Horseshoe Rasp, Rasp/File Combo Series: BSR / BHS / BCO	
	Laminate & Solid Surface Files Size - 8, 10, 12 & 14" Type - Rapid Cut / Dual & Fastmill Series: BPL / BDU / BFM	
	File Sets Assorted Collections Of Mercer Files Size - 4 Pieces to 12 Pieces Series: BFS / BMH / BCR / GNR / GNS	
	Files Accessories Wood & Plastic File Handles, File Cleaners Series: BFH / BFC	

Safety / PPE

N95 Particulate Respirators

	N95 With & Without Valve	
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Washable Cloth Face Masks

	Cloth Anatomical & Pleated Black, Light Blue or White	
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Gloves

	Flexible Nylon Work Gloves	
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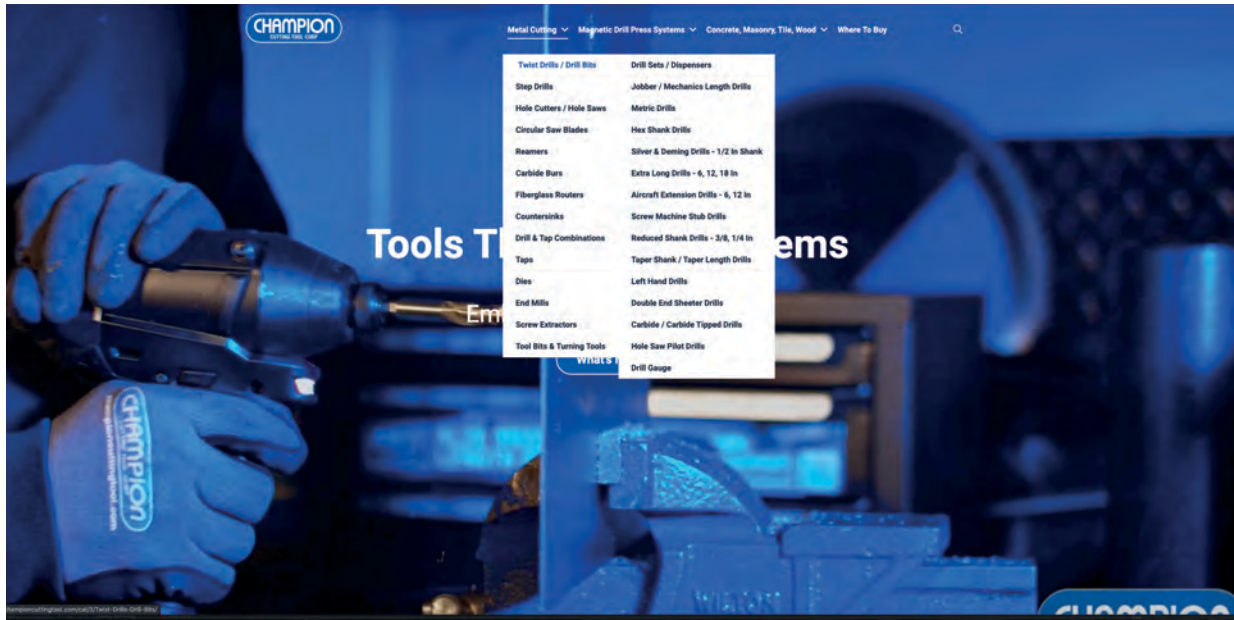
Eyewear

	Safety Glasses Clear & Grey Lens	
	Safety Goggles Perforated & Chemical Splash	

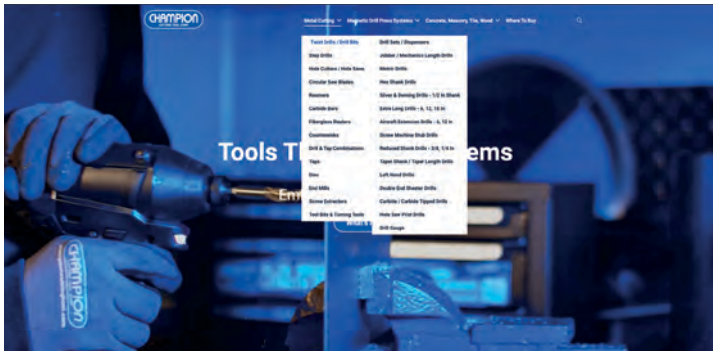
Ear Protection

	Ear Muffs	
	Ear Plugs	

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Easy To Use Navigation



Comprehensive Product Pages

AC50 MightiBrute Magnetic Drill Press

Powerful, Versatile
Item #: AC50

- Powerful & Versatile Magnetic Drill Press
- Engineered For Heavy Duty Use
- Cutter Capacity: 2-1/8" Diameter, 2" Depth of Cut
- Weight: 33 lbs- Easy To Maneuver On Job Site
- Motor Power: 1100 Watt
- Motor Speed: 2 Speed-300/450 RPM
- Magnetic Strength: 3370 lbs
- Quick Change Arbor For Fast, Productive Cutter Change
- Accepts Standard Annular Cutters With 3/4 In. Weldon Shank
- Easily Converts From Annular Cutters To Twist Drills With QX1234 Drill/Chuck Adapter (included)
- Twist Drill Capacity: Up To 1" Diameter

Click On The Printer Icon To Save Page As A PDF

MORE DETAILS

SPECIFICATIONS

VIDEO

TECHNICAL GUIDES

SAFETY / WARNING

Includes: Carrying Case, Safety Guard, Removable Handle, Safety Chain, External Coolant Bottle, Quick Release Arbor, Drill/Chuck Adaptor

Robust Technical Resources

Tool Size Reference Charts

Twist Drills DECIMAL EQUIVALENCY CHART

This chart provides a comprehensive list of twist drill sizes in both decimal and fractional inches. It is organized into columns for different size ranges, allowing for quick reference and conversion between the two measurement systems.

Tap & Drill Chart

This chart is a detailed reference for tap and drill sizes, including both standard and non-standard sizes. It includes columns for Tap Size, Drill Size, and Tap Drill Size, providing essential information for selecting the correct tool for a given application.

Power Tool Manuals

This webpage displays a grid of power tool manuals for various magnetic drill press models. The models shown include AC35, AC50, RB30, RB32, RB32-VSR, RB65E, and SB35. Each model has a corresponding thumbnail image and a 'View Document' button for easy access to the full operating manual.

MSDS Sheets

This webpage provides access to Material Safety Data Sheet (MSDS) documents for various products. The visible sections include BruteLube Cutting Lubricant and Carbide Burs, each with a thumbnail image and a 'View Document' button.

Understanding Tool Types / Operating Guidelines

This webpage is dedicated to providing detailed information about tool types and their operating guidelines. It features several sections:

- Taps:** Includes an image of the XLT TAPPER tool and an 'XLT Operating Manual' document.
- Tap Types:** Provides information on different tap configurations and their uses.
- Tap Operating Guidelines:** Offers detailed instructions and safety precautions for using taps.
- Tap & Drill Chart:** A reference chart for selecting the correct tap and drill sizes.
- Tile Drills:** A section dedicated to resources for tile drilling tools.



Wow! What a year. 2020 brought up all kinds of emotions- stress, uncertainty, frustration. Across the world, our family members, friends, and colleagues have all been greatly impacted by COVID-19.

This time has forced a lot of us to reflect- personally and professionally. Many of us have been more aware of the news and reports of the economy.

By tuning in more, we have noticed that the word pivot has become popular in the business world. For example, restaurants have had to pivot their businesses to accommodate outdoor dining, retail stores have shifted their models to include no-touch pick-ups and shipments. You may be looking at how you can diversify your business model or be more creative to generate sales.

Even through times of change, we want you to know that Champion has your back. You don't have to worry when it comes to cutting tools. We are doubling down on the things we know best- reliability, expert tool knowledge, and professionalism. You can expect your typical quick shipping times, tools that cut through the BS (literally and figuratively), and enhanced technical/training resources. And now, you have access to an even broader offering of quality tools through our acquisition of Mercer (bonded/coated abrasives, diamond blades, wire wheels, files, safety products).

These commitments to our Champion community are what motivate us every day. Even on days when everything seems hard, we want you to think of doing business with us or using a Champion tool as easy. Please don't hesitate to reach out with feedback or even just to chat. We are so grateful to have the opportunity to create solution-oriented tools that fix and build our world!

Lowell Frey

President, 5th Generation Owner

Allison Frey

Marketing Manager, 6th Generation Owner



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