

[Cuttermasters.com](http://Cuttermasters.com)

USD PRICE LIST

Revised November 20, 2020

If you have any service or parts requests, or questions or comments about this price list, please feel free to call or write to us at

**Cuttermasters**

2353 Ridgecrest Place  
Ottawa ON K1H7V4  
Canada  
(800) 417-2171  
info@cuttermasters.com

**Toycen Corporation**

808 Proctor Avenue  
Ogdensburg NY 13669  
U.S.A  
(800) 417-2171  
info@cuttermasters.com

**Contents**

CUTTERMASTER Professional

CM-01 Traditional Cutting Tool Grinders..... [p2](#)  
CUTTERMASTER Professional Tool Grinding Accessories ..... [p3](#)  
Hubs, Spacers, Wheel Guards..... [p3](#)

End Mill End Grinders ..... [p6](#)

Drill Point Grinders ..... [p7](#)

Specialty Combination End Mill End and Tool Grinders..... [p8](#)

Tradesman Grinder

Tradesman Machinist 6" DC Variable Speed Grinder and Accessories ..... [p9](#)

Tradesman Woodturner 8" DC Variable Speed Bench Grinder and Accessories ..... [p11](#)

Tradesman Edge DC Geared Belt Grinder and Accessories ..... [p12](#)

Tradesman Belt Sanders (for Machinist, Woodturner and Edge ..... [p13](#)

Grinding Wheels

Tradesman Precision Plated Tool Grinding Wheels (8", 7", 6", Unibit)..... [p14](#)

Cuttermasters Precision Plated Tool Grinding Wheels ..... [p16](#)

DAREx Replacement Wheels ..... [p16](#)

Face Wheels..... [p16](#)

Radius Wheels (profiled) ..... [p16](#)

Chamfer Wheels (for Weldon Set Screw Flats) ..... [p17](#)

Shoulder Wheels (CBN for T-Cutters) ..... [p18](#)

Neck Wheels (Diamond Wheels for Neck Reduction)..... [p17](#)

Cut Off Wheels ..... [p18](#)

Cuttermasters Mineral Dry Grinding Wheels ..... [p19](#)

Tool Grinding Packages..... [p20](#)

## CUTTERMASTER Professional Cutting Tool Grinders

CUTTERMASTER Professional tool grinders all plug in to 110V AC (220V available) and convert to DC onboard. DC gives you power and the ability to choose the speed you need for what you're grinding, keeping your tools cool.

- CM01DC CUTTERMASTER Professional End Mill Sharpener **Basic** complete with air spindle, Variable Speed reversing Whisper Drive DC Motor, aluminum oxide wheel, tool kit, 7pc 5C collet set, user manual. Radius Attachment Available.....\$3,886.00
- CM01DCJX CUTTERMASTER Professional Journeyman Tool Grinder **Advanced Basic** complete with air spindle, 3 axis Variable Speed reversing Whisper Drive DC Motor, aluminum oxide wheel, tool kit, 7pc 5C collet set, air filter and water separator, user manual Radius attachment Available.....\$4,375.00
- JXT CUTTERMASTER Professional **2020 Journeyman** is the new standard, *Toycen Infinite Single Motor Tower* Variable Speed reversing Whisper Drive DC Motor, aluminum oxide wheel, tool kit, 7pc 5C collet set, air filter and water separator, user manual.....\$5,885.00
- CM-01PS CUTTERMASTER Professional Tool Grinder **Toolmaker Single** complete with *Toycen Radius Air Bearing, Articulating Toycen Infinite Single Motor Tower* Variable Speed reversing Whisper Drive DC Motor, aluminum oxide wheel, tool kit, 7pc 5C collet set, air filter and water separator, user manual.....\$7,545.00
- CM-01P CUTTERMASTER Professional Tool Grinder **Toolmaker Twin** complete with *Toycen Radius Air Bearing, Toycen Infinite Twin Motor Tower* (Variable Speed reversing DC Motor and Control), aluminum oxide wheel, tool kit, 7pc 5C collet set, air filter and water separator, manual.....\$7,745.00

## Cuttermasters Tool Grinding Wheel Packages

The above machine packages include an aluminum oxide grinding wheel. For heavier use and better shape retention we recommend one of our 11V9C resin bond CBN or Diamond cup wheels for HSS and carbide tools. **We have wheels for necks, flats, cut off, roughers, countersinks, and more.** See page [p16](#). Below are our recommended grinding wheel packages for end mills and countersinks.

- CM-PS1 115 Grinding wheel package includes two 4-1/8" (115mm) 11V9C grinding wheels (one CBN for HSS and one diamond for carbide and wheel truing device .....\$525.00
- CM-PS1 125 Grinding wheel package includes two 5" (125mm) 11V9C grinding wheels (one CBN for HSS and one diamond for carbide and wheel truing device .....\$575.00
- CM-PS2 Countersink sharpening package includes 6pc. countersink grinding cam set and CBN or diamond face wheel.....\$539.00

## CUTTERMASTER Professional Tool Grinding Accessories

The best attachments and accessories for your tool grinder, CUTTERMASTER or tool grinder.

### DC Motors, Motor Heads, and Control

CM-DCCTRL	Toycen Whisper Drive DC Motor Controller. Control box, mount .....	\$600.00
CM-UT	Toycen Infinite Twin DC Tower. Dual wheeled, Requires DC Control .....	\$2,225.00
CM-JXT	Toycen Infinite Single DC Tower. Single wheeled, requires DC Control ...	\$3,300.00
CM-01-M10	Replacement AC Motor .....	\$65.00
CM-ER32M	Motorized ER32 spindle for neck reduction (o.d.) and tool cut off .....	\$1,485.00

### Motor / Motor Head Accessories

JX-Upgrade	The CM-01DC and traditional CUTTERMASTER (MG, FCG, CM-01) has motor fixed in line with y-axis. JX-Upgrade gives CUTTERMASTERS the modified motor lock T-nut to allow the motor to rotate for more set ups. Self-install. ....	\$90.00
CM-Riser	Motor Riser for fluting operations. Traditional CUTTERMASTER (MG, FCG) doesn't have the height for end gash and getting inside flutes of hoggers ...	\$385.00
CM-ER32M	Motorized ER32 spindle for neck reduction (o.d.) and tool cut off .....	\$1485.00
CM-CB	Pulse Width Modulated DC Control for Journeyman Grinder .....	\$685.00

### Motor / Wheel Hubs, Spacers and Wheel Guards

CM-H1.25	Standard Tool Grinder Hub 1-1/4" diameter x 0.84" width x 5/8" bore .....	\$48.00
CM-SE-1	Shaft Extension 1-1/4" .....	\$215.00
CM-SE-2	Shaft Extension 2-1/4" .....	\$315.00
CM-Cap	Cap. Cuttermasters wheel cap .....	\$11.00
CM-CapFC	Cap. Cuttermasters Face Wheel and Cut Off Wheel cap .....	\$31.00
CM-55	Flat Profile <b>Super 12 V</b> .300 Wheel Spacer .....	\$18.00
CM-SP.36	.36" wide, wheel spacer, 5/8" arbor .....	\$6.75
CM-Bush	Plastic wheel bushing 1-1/4" outside diameter, 5/8" inside diameter .....	\$8.00
Wheel Guard 5"	5" Wheel guard for CUTTERMASTER .....	\$65.00
Wheel Guard 6"	6" Wheel guard for CUTTERMASTER .....	\$65.00
CM-S.625	Spacer .36" width x 2." diameter x 1-1/4" bore .....	\$8.00
T-Cap	Cap. Tradesman standard wheel cap.....	\$11.00
T-CapD	Cap. Tradesman deep wheel cap.....	\$11.00

### Tool Holders - Air Bearing for Flute Grinding (Outside of End Mill), Rads, Ends and more...

CM-02R	Toycen Radius Air Bearing (Bull Nose/Ball Nose, Flutes, Ends, More...) .	\$2,690.00
CM-02AU	Toycen Air Bearing Upgrade- housing/tube assy. Recommended fix for old air bearings with plugged air channel .....	\$765.00
CM-02A	Cuttermaster Air Bearing Fixture Assembly, Complete with CM-A22B shelf assembly Standard 6.5" Stroke .....	\$1,235.00
CM-02AL	Cuttermaster Air Bearing Fixture Assembly, Complete with CM-A22B shelf assembly Extended Stroke, 10" for long tools .....	\$1,285.00

Tool Holders – Other, for End Mills, Drills, Lathe Tools, and Accessories

CM-ER32M	Motorized ER32 spindle for neck reduction (o.d.) and tool cut off .....	\$1,485.00
CM-03	Radius Attachment for bull nose and ball nose; includes center finders....	\$1,175.00
CM-04	Center Finder for Radius Attachment as separate item .....	\$48.00
CM-04H	Center Height Finder .....	\$23.00
CM-05P	Dual Positioning Pneumatic Finger .....	\$625.00
CM-06	Drill Sharpening Attachment.....	\$415.00
CM-06B	Large Drill Sharpening Attachment.....	\$415.00
CM-06 DCS	Drill and Countersink Sharpening Attachment.....	\$585.00
CM-06 DCS-C	5pc. Countersink Cam Set for DCS-06 (\$42.00 per piece).....	\$180.00
CM-07A	Index Collar for CM-02A (2, 3, 4, 6 Flute).....	\$86.00
CM-07A5	5-Flute Index Collar for CM-02A (2, 3, 4, 5, 6 Flute).....	\$86.00
CM-08	Taper Attachment .....	\$96.00
CM-11	Work holding Fixture .....	689.00
JX-SFC	Shank, Flat, Cut Off Fixture for tool grinder .....	517.00
CM-A24	Stylus (extra, included with new machine) .....	\$48.00
CM-A22B	Complete Shelf Assembly, Bracket, Stylus, Nut & Bolt .....	\$285.00
CM-10S	Cabinet Base 24" x 24" 34" .....	\$425.00
CM-12	Diamond Dresser .....	\$112.00

5C Collet Sets and Large End Mill Holders, Extensions

CM-5CS-7	7 pc. 5C Collet Set (economy) 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1" .....	\$90.00
CM-5CRS-7	7 pc. Hardinge 5C 3 split Collet Set (inch) .....	\$310.00
CM-5CHS-6	6 pc. Hardinge 5ST 4 split Collet Set (high accuracy) 1/4, 3/8, 1/2, 5/8, 3/4, 7/8" .....	\$398.00
CM-5CMS-6	6 pc. 5C metric Collet Set (economy) 6, 10, 12, 16, 20 & 25mm .....	\$90.00
CM-5CRSM-6	6 pc. Hardinge 5C metric 3 split Collet Set.....	\$242.00
CM-5CE-114	5C End Mill Holder: 1.1/4" dia. ....	\$135.00
CM-5CE-112	5C End Mill Holder: 1 1/2" dia. ....	\$135.00
CM-5CE-2	5C End Mill Holder: 2" dia. ....	\$156.00
CM-5CE-32	5C End Mill Holder: 32mm dia. ....	\$135.00
CM-5CE-40	5C End Mill Holder: 40mm dia. ....	\$135.00
CM-5CE-50	5C End Mill Holder: 50mm dia. ....	\$156.00
CM-EAS-8	8 pc. Expanding Arbor Set (. thru 1...) .....	\$196.00
JX-XAE	LARGE END MILL EXTENSION Kit (for 8 inch Flutes) .....	\$355.00

ER32 Collet Sets

CM-ER32BI	ER32 Collet Set Basic Imperial (6pc.) 1/8", 1/4", 3/8", 1/2", 5/8", 3/4" .....	\$52.00
CM-ER32AI	ER32 Collet Set Advanced Imperial (10pc) 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4" .....	\$86.00

CM-ER32BM	ER32 Collet Set Basic Metric (9pc) 2mm, 4mm, 6mm, 8mm, 10mm, 12mm, 16mm, 18mm, 20mm .....	\$77.00
CM-ER32AM	ER32 Collet Set Advanced Metric (19pc) 2mm,3mm,4mm,5mm,6mm,7mm,8mm,9mm,10mm,11mm,12mm,13mm,14mm, 15mm,16mm,17mm,18mm,19mm,20mm.....	\$152.00

Reference Guides

CM-BD	Toyden Hand Book on Drill Point Geometry .....	\$22.50
CM-BEM	Toyden Hand Book on End Mill Geometry.....	\$22.50
CM-01Manual	CUTTERMASTER Tool Grinding User Manual (digital).....	\$18.00
CM-01Manual	CUTTERMASTER Tool Grinding User Manual (hard copy) .....	\$28.00
CM-DVD	CM-01P Tool Grinding Videos on DVD .....	\$39.00
CM-USB	CM-01P Tool Grinding Videos on USB.....	\$39.00

## End Mill End Grinders

Our timed-chuck end mill end grinders make perfect center-cutting end mill ends easy. Sharpen or start new from cut off. The end mill is timed to a chuck that is then cycled through several grinding ports creating complicated end geometries easily. **Each grinder comes with precision plated grinding wheel, collets, steel tool storage drawer, and everything you need to start sharpening end mills.** Choose by what diameter of tools you need to sharpen. \*\*\* End Mill End range on ES and CS grinders can be expanded down to 3mm by purchasing one of these sharper wheels:

ES D400 Diamond 400 grit replacement wheel for carbide end mills .....	\$180.00
ES C400 CBN 400 grit replacement wheel for HSS end mills .....	\$180.00

## End Mill End Grinder for End Mill Diameters up to 1/2"

GS-6	End Mill End Grinder (1/8" to 1/2") Uses four grinding wheels (diamond or CBN) .....	\$2,175.00
	GS-6X <i>Expansion kit to 5/8"</i> .....	\$395.00
	GS-6 SD Kit, Four piece wheel kit includes GS-6 A, B, C, F.....	\$400.00
	GS-6A D200 200 grit replacement wheel for carbide end mills .....	\$144.00
	GS-6B D200 200 grit replacement wheel for carbide end mills .....	\$144.00
	GS-6C D200 200 grit replacement wheel for carbide end mills .....	\$144.00
	GS-6F D200 200 grit replacement wheel for carbide end mills .....	\$144.00

## End Mill End Grinders for End Mill Diameters up to 3/4"

ES-520D	End Mill End Grinder 5-20mm (3/16" to 3/4").....	\$2,625.00
	ES-D200 Diamond 200 grit replacement wheel for carbide end mills .....	\$144.00
	ES-C200 CBN 200 grit replacement wheel for HSS end mills .....	\$144.00
ESR-520D	End Mill Grinder, <i>Tool Cutter and Radius Grinder</i> 3-20mm (1/8" to 3/4"). Tool cut off, end mill end and radius grinder - up to 1/8" radius.....	\$3,532.00
	ES-D200 Diamond 200 grit replacement wheel for carbide end mills .....	\$144.00
	ES-C200 CBN 200 grit replacement wheel for HSS end mills .....	\$144.00
	GS-13 D100 diamond cut off wheel for carbide tool cut off.....	\$58.00
	GS-13 C100 CBN cut off wheel for HSS tool cut off .....	\$58.00
	CR3-Rad1 Radius wheel, .03" and .06" radius diamond 220 grit.....	\$144.00
	CR3-Rad2 Radius wheel, .09" and .12" radius diamond 220 grit.....	\$144.00

## End Mill End Grinders for End Mill Diameters up to 1" and 1-1/4"

GS-26	End Mill End Grinder Grinder (3/8" to 1") .....	\$3,880.00
	GS-26A Replacement wheel 10.0 – 13.0mm.....	\$284.00
	GS-26B Replacement wheel 13.1 – 16.0mm.....	\$284.00
	GS-26C Replacement wheel 16.1 – 20.0mm.....	\$284.00
	GS-26D Replacement wheel 20.1 – 26.0mm.....	\$284.00
	GS-26F Standard Replacement wheel 10.0 – 13.0mm (right side).....	\$284.00

---

ES-1332	End Mill End Grinder 13-32mm (1/2" to 1-1/4").....	\$3,749.00
	ES C100 CBN 100 grit replacement wheel for carbide end mills .....	\$244.00
	ES D100 Diamond 100 grit replacement wheel for carbide end mills .....	\$244.00



## Drill Point Grinders

Our timed-chuck drill point grinders make perfect center-cutting drill points easy. The drill is timed to a chuck that is then inserted in to grinding ports specifically configured to produce a perfect end grind and Point split if desired. **Each grinder comes with precision plated grinding wheel and everything you need to start sharpening drills.**

### Drill Point Grinders for Drill Diameters up to 1/2"

SDS-16	Small Drill Grinder 1-13mm. For small drills, like dental drills, up to 1/4" .....	\$2,175.00
	SDS13-C140 CBN 140 grit replacement wheel .....	\$144.00
DS-213	Drill Grinder 2-13mm (1/8" to 1/2").....	\$787.00
	DS-213X <i>Expansion kit to 5/8"</i> .....	\$200.00
	DS13-C140 CBN 140 grit replacement wheel for HSS drills .....	\$144.00
	DS13-D140 Diamond 140 grit replacement wheel for carbide drills .....	\$144.00
EC-313	Drill Grinder 2-13mm (1/8" to 1/2").....	\$684.00
	EC-313X <i>Expansion kit to 5/8"</i> .....	\$200.00
	DS13-C140 CBN 140 grit replacement wheel for HSS drills .....	\$144.00
	DS13-D140 Diamond 140 grit replacement wheel for carbide drills .....	\$144.00
GS-1	Drill Grinder 2-13mm (1/8" to 1/2").....	\$985.00
	GS-1X <i>Expansion kit to 5/8"</i> .....	\$200.00
	DS13-C140 CBN 140 grit replacement wheel for HSS drills .....	\$144.00
	DS13-D140 Diamond 140 grit replacement wheel for carbide drills .....	\$144.00

### Drill Point Grinders for Drill Diameters up to 3/4"

DS-220D	Drill Grinder 2-20mm (1/8" to 3/4"). Includes tool storage drawer .....	\$1,612.00
	DS C200 CBN 200 grit replacement wheel for HSS drills .....	\$144.00
	DS-D200 Diamond 200 grit replacement wheel for carbide drills .....	\$144.00
DS-220MK2	Drill Grinder 2-20mm (1/8" to 3/4") Enhanced life wheel .....	\$1,685.00
	Expandable to 1" per drill size .....	\$50.00
	DS-C200EL Enhanced Life wheel .....	\$180.00
	DS-C200 CBN 200 grit replacement wheel for HSS drills .....	\$144.00
	DS-D200 Diamond 200 grit replacement wheel for carbide drills .....	\$144.00
SDD-220D	Advanced Tip Grinder 2-20mm (1/8" to 3/4") Center Drill - Spot Drill - Chamfer Mill – High Speed Drilling Geometries - complete with storage drawer.....	\$4,250.00

### Drill Point Grinders for Drill Diameters up to 1-1/4"

DS-232	Drill Grinder 2-32mm (1/8" to 1 1/4") DS-213 and DS-1332 in one machine ...	\$2,448.00
	DS-C200 CBN 200 grit replacement wheel for HSS drills.....	\$144.00
	DS-D200 Diamond 200 grit replacement wheel for carbide drills.....	\$144.00
	DS-C100 Replacement wheel (13-32mm side).....	\$180.00
DS-1332	Drill Grinder 13-32mm (1/2" to 1 1/4").....	\$2,125.00
	DS C100 Replacement wheel (13-32mm side).....	\$180.00



## Specialty Combination End Mill End and Tool Grinders

CS-320D	Combination End Mill End Grinder and Drill Point Grinder 3-20mm (1/8" to 3/4")	
	*End Mills 5-20mm.....	\$3,582.00
	DS-C200 CBN 200 grit replacement wheel for HSS drills .....	\$144.00
	DS-D200 Diamond 200 grit replacement wheel for carbide drills .....	\$144.00
	ES-D200 Diamond 200 grit replacement wheel for carbide end mills .....	\$144.00
	ES-C200 CBN 200 grit replacement wheel for HSS end mills .....	\$144.00
ESCN-520D	End Mill End Grinder and Tool Cutter 3-20mm (3/16" to 3/4") .....	\$3,087.00
	ES-D200 Diamond 200 grit replacement wheel for carbide end mills .....	\$144.00
	ES-C200 CBN 200 grit replacement wheel for HSS end mills .....	\$144.00
	GS-13 D100 diamond cut off wheel for carbide tool cut off .....	\$58.00
	GS-13 C100 CBN cut off wheel for HSS tool cut off .....	\$58.00
ESCR-520D	End Mill Grinder, Tool Cutter and Radius Grinder 3-20mm (1/8" to 3/4"). Tool cut off, end mill end and radius grinder - up to 1/8" radius.....	\$3,532.00
	ES-D200 Diamond 200 grit replacement wheel for carbide end mills .....	\$144.00
	ES-C200 CBN 200 grit replacement wheel for HSS end mills .....	\$144.00
	GS-13 D100 diamond cut off wheel for carbide tool cut off .....	\$58.00
	GS-13 C100 CBN cut off wheel for HSS tool cut off .....	\$58.00
	CR3- Rad1 Radius wheel, .03" and .06" radius diamond 220 grit .....	\$144.00
	CR3- Rad2 Radius wheel, .09" and .12" radius diamond 220 grit .....	\$144.00
GS-13N	Tool Cut Off and Neck Reduction Grinder (3/16" to 3/4").	
	Chuck-type or Collet-type (ER .....	\$1,580.00
	GS-13 D100 diamond cut off wheel for carbide tool cut off .....	\$58.00
	GS-13 C100 CBN cut off wheel for HSS tool cut off .....	\$58.00
	GS-13N D100 diamond neck wheel for carbide tool cut off.....	\$144.00
	GS-13N C100 CBN neck wheel for HSS tool cut off .....	\$144.00
TS-1632	Tap Grinder M16-M32.....	\$1,280.00
ACG-1450	Modified ERM2 Annular Cutter Grinder, 9/16" – 3" Diameter	
	Flutes 4,6,7,8,9,10,16,18 .....	\$2,475.00
	ERM2 C200 CBN replacement grinding wheel for HSS cutters .....	\$144.00
	ERM2 D200 Diamond replacement grinding wheel for carbide cutters .....	\$144.00

## Tradesman Machinist 6” DC Variable Speed Grinder

Tradesman Machinist tool grinders all plug in to 110V AC (220V available, same price) and convert to DC onboard. DC gives you power and the ability to choose the speed you need for what you’re grinding, keeping your tools cool. The Machinist comes in a single and dual-wheeled version and accept the same attachments.

T6	Tradesman Machinist 6” DC Variable Speed Bench Grinder – <i>Dual-wheeled version</i> complete with standard tool rests, wheel guards, <i>grinding wheels not included</i> ... \$935.00
T6NC	Tradesman Machinist 6” DC Variable Speed Bench Grinder – <i>Single-wheeled version</i> , complete with standard tool rests, wheel guards, <i>grinding wheels not included</i> ... \$885.00

## Tradesman Machinist Packages

T6DCW	Tradesman Machinist– <i>Dual-wheeled version</i> complete with Tradesman 6” CBN and/or Diamond Precision Plated Grinding wheels, guards, <i>standard rests</i> ..... \$1,225.00
T6NCi	Tradesman Neck and Cut Off Grinder - <i>Single-wheeled version</i> complete with T-ER32i neck grinding attachment, ER32 ten piece collet set (1/8”-7/8”) and your choice of 6” grinding wheel (chamfer, shoulder or cut off). ..... \$1,475.00
T6NCV	Tradesman Machinist - <i>Single-wheeled version</i> Flats and Cut Off Grinder. Complete with V-block tool holder and your choice of 6” grinding wheel (chamfer, shoulder or cut off) ..... \$1,160.00
T6Unibit	Tradesman Machinist - <i>Dual-wheeled version</i> Unibit Grinder. Complete with unibit fence and grinding wheel, second wheel not included ..... \$1,460.00
T6NC-Unibit	Tradesman Machinist - <i>Single-wheeled version</i> Unibit Grinder. Complete with unibit fence and grinding wheel ..... \$1,325.00
T6B48	Tradesman - <i>Dual-wheeled version</i> . Complete with T-B48 2”x48” Belt Sander and your choice of 6” grinding wheel (face, chamfer, shoulder or cut off). ..... \$1,479.00

## Tool Grinding Accessories for Tradesman Machinist 6”

T-MRJ	Mitre Rest Jig Plate. Tool holder that allows for x-axis travel past the wheel..... \$65.00
T-MRF	Mitre Rest Jig Plate with Feed. T-MRJ with y-axis feed screw..... \$112.00
T-WF	Tradesman V-Block Kit (for Weldon set screw flats or cut off) ..... \$236.00
T-ER32i	ER-32 Indexing Necks/Flats/Ends Attachment, 3/4” bore through spindle..... \$685.00
T-DCS	Attachment for Drills and Countersinks.CM-06 Drill Point Attachment with countersink cams, includes feed table mount for Tradesman ..... \$1,385.00
T-SDCS	Attachment for Step Drills and Countersinks ..... \$1,385.00
T-Vac	Vacuum Table for Tradesman with vac adapter kit..... \$206.00
T-TB	Bracket for Tormek US-105 Tool Rest for your Tormek attachments ..... \$112.00
T-Unibit	Fence for sharpening unibits. Requires either grinding wheel T-68B100 or T-68D100 (CBN and diamond – See Tradesman wheels) and is grinder specific ..... \$383.00
T-WG6	6 inch Wheel Guard ..... \$19.00

Collet sets for Tradesman ER 32 Neck grinding -Tool Modification set ups

ER32BI	ER32 Collet Set Basic Imperial (6pc.) 1/8", 1/4", 3/8", 1/2", 5/8", 3/4" .....	\$52.00
ER32AI	ER32 Collet Set Advanced Imperial Reamer and Tap shank (10pc) 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4" .....	\$86.00
ER32BM	ER32 Collet Set Basic Metric (9pc) 2mm, 4mm, 6mm, 8mm, 10mm, 12mm, 16mm, 18mm, 20mm .....	\$77.00
ER32AM	ER32 Collet Set Advanced Metric (19pc) 2mm,3mm,4mm,5mm,6mm,7mm,8mm,9mm,10mm,11mm,12mm,13mm,14mm, 15mm,16mm,17mm,18mm,19mm,20mm.....	\$152.00

Belt Sanding Attachments

Our belt sanding attachments fit on all Tradesman Grinders. We have 2"x36", 2"x48", 4"x48" precision sanders that easily reverse. All belts are \$5 each and feature a quieting counter-sunk seam. See page 12.

Tradesman Tool Grinding Wheels

Any tool grinding wheel will mount on the Tradesman's native 5/8" shaft or 1-1/4" tool grinder hub. **We have wheels for necks, flats, cut off, unibits, countersinks and more. See page 13.**

## Tradesman 8” DC Variable Speed Bench Grinders

Tradesman grinders all plug in to 110V AC (220V available, same price) and convert to DC onboard. DC gives you power and the ability to choose the speed you need for what you’re grinding, keeping your tools cool.

T8	Tradesman 8” Woodturner DC Variable Speed Bench Grinder complete with standard tool rests, wheel guards, <i>grinding wheels not included</i> .....	\$1,085.00
T8B	The Tradesman 8 Beast. Features a 92 mm Motor for heavier shop use.....	\$1,575.00

## Tradesman 8” Packages

T8TW	Tradesman 8” complete with any two Tradesman 8” CBN Grinding Wheels, standard tool rests, wheel guards .....	\$1,325.00
T8DCW	Tradesman 8 with two 8” CBN Plated grinding wheels, one T-MRJ Mitre Rest Jig Plate, one standard rest, wheel guards .....	\$1,375.00
T8BOW	Tradesman 8 Complete with two 8” CBN Plated grinding wheels of your choice, reverse, T8BA Belt Over Wheel Attachment, two standard rests .....	\$1,945.00

## Accessories for Tradesman 8” DC Variable Speed Bench Grinder

T-MRJ	Mitre Rest Jig Plate. Tool holder that allows for x-axis travel past the wheel.....	\$65.00
T-MRF	Mitre Rest Jig Plate with Feed. T-MRJ with y-axis feed screw.....	\$112.00
T-CSF	Tradesman Chisel Sharpening Fixture (Needs Bar rest or Tormek US 105 Bar)..	\$106.00
T-BR	Bar Rest or Support Arm .....	\$52.00
T-TB	Bracket to mount the Tormek US-105.....	\$135.00
T-R	Reversing Option .....	\$265.00
CM-LED	20 LED Work light.....	\$24.00
T-LG	Light Guard - 20 LED Work light with Lexan shield.....	\$46.00
T-WG8	8 inch Wheel Guard .....	\$19.00
T-WG6	6 inch Wheel Guard .....	\$19.00
T-HUB	1.25 Diameter Flanged Tool Grinder Wheel Hub.....	\$48.00
T-Vac	Vacuum Table for Tradesman with vac adapter kit.....	\$206.00

## Belt Sanding Attachments

Our belt sanding attachments fit on all Tradesman Grinders. We have 2”x36”, 2”x48”, 4”x48” precision sanders that easily reverse. All belts are \$5 each and feature a quieting counter-sunk seam. See page 12.

## Tradesman Tool Grinding Wheels

Any tool grinding wheel will mount on the Tradesman’s native 5/8” shaft or 1-1/4” tool grinder hub. **We have wheels for necks, flats, cut off, unibits, countersinks and more. See page 13.**

## Tradesman Edge 8” – 10” DC Variable Speed Bench Grinder

Tradesman Edge grinders all plug in to 110V AC (220V available, same price) and convert to DC onboard. *The Tradesman Edge features the addition of a geared belt reduction for added torque.*

T-Edge810	Tradesman Edge 810 DC Variable Speed Bench Grinder complete with 4”x3” tool rests, wheel guards, mounts any 8” and 10” grinding wheel, and belt sander. Reversing. 5/8” shaft. <i>Grinding wheels not included</i> .....	\$1,375.00
T-Edge Belt	Tradesman Edge Belt DC Variable Speed Bench Grinder complete with two T-B48 2”x48” Belt Sanding Attachments. Reversing. ....	\$1,675.00
T-Ten	Tradesman Ten DC Variable Speed Bench Grinder complete with 4”x3” tool rests, wheel guards, mounts 10” grinding wheels only <i>not included</i> , 7/8” shaft. Reversing. ....	\$1,375.00

## Accessories for Tradesman 8” DC Variable Speed Bench Grinder

T-MRJ	Mitre Rest Jig Plate. Tool holder that allows for x-axis travel past the wheel.....	\$65.00
T-MRF	Mitre Rest Jig Plate with Feed. T-MRJ with y-axis feed screw.....	\$112.00
T-CSF	Tradesman Chisel Sharpening Fixture (Needs Bar rest or Tormek US 105 Bar)..	\$106.00
T-BR	Bar Rest or Support Arm .....	\$52.00
T-TBEdge	Bracket to mount the Tormek US-105.....	\$135.00
CM-LED	20 LED Work light.....	\$24.00
T-LG	Light Guard - 20 LED Work light with Lexan shield.....	\$46.00
T-WG8	8 inch Wheel Guard .....	\$19.00
T-WG6	6 inch Wheel Guard .....	\$19.00

## Belt Sanding Attachments

Our belt sanding attachments fit on all Tradesman Grinders. We have 2”x36”, 2”x48”, 4”x48” precision sanders that easily reverse. All belts are \$5 each and feature a quieting counter-sunk seam. See page 12.

## Tradesman Tool Grinding Wheels

Any tool grinding wheel will mount on the Tradesman’s native 5/8” shaft or 1-1/4” tool grinder hub. **We have wheels for necks, flats, cut off, unibits, countersinks and more. See page 13.**

## Tradesman Belt Sanding Attachments

Our belt sanding attachments fit on all Tradesman Grinders. These belt sanders have precision machined components and platens for smooth operation and easy reversing without tracking adjustment.

T-B36	Belt 2" x 36" LH (left hand side) Attachment with Belts 120 220 320 .....	\$229.00
T-B48	Belt 2" x 48" LH (left hand side) Attachment with Belts 120 220 320 .....	\$329.00
T-B48	Belt 4" x 48" LH (left hand side) Attachment with Belts 80 150 .....	\$429.00
T8BA	Tradesman 8 Belt-Over-Wheel attachment for woodturners Fits Existing Tradesman 8 .....	\$259.00

## Tradesman Belts

### Belt Over Wheel 1.25" x 48"

T-BOW48-120	120 Grit, 1.25" x 48" Belt Sander Belt, Zero Splice.....	\$4.00
T-BOW48-220	220 Grit, 1.25" x 48" Belt Sander Belt, Zero Splice.....	\$4.00
T-BOW48-320	320 Grit, 1.25" x 48" Belt Sander Belt, Zero Splice.....	\$4.00
T-BOW48-600	600 Grit, 1.25" x 48" Belt Sander Belt, Zero Splice.....	\$4.00

### Belt Over Wheel 1.25" x 42"

T-BOW42-120	120 Grit, 1" x 48" Belt Sander Belt, Zero Splice.....	\$4.00
T-BOW42-220	220 Grit, 1" x 48" Belt Sander Belt, Zero Splice.....	\$4.00
T-BOW42-320	320 Grit, 1" x 48" Belt Sander Belt, Zero Splice.....	\$4.00

### 2"x36" Belts

T-B36-120	120 Grit, 2" x 36" Belt Sander Belt, Zero Splice.....	\$4.00
T-B36-220	220 Grit, 2" x 36" Belt Sander Belt, Zero Splice.....	\$4.00
T-B36-320	320 Grit, 2" x 36" Belt Sander Belt, Zero Splice.....	\$4.00
T-B36-600	600 Grit, 2" x 36" Belt Sander Belt, Zero Splice.....	\$4.00

### 2"x48" Belts

T-B48-120	120 Grit, 2" x 48" Belt Sander Belt, Zero Splice.....	\$4.00
T-B48-220	220 Grit, 2" x 48" Belt Sander Belt, Zero Splice.....	\$4.00
T-B48-320	320 Grit, 2" x 48" Belt Sander Belt, Zero Splice.....	\$4.00
T-B48-600	600 Grit, 2" x 48" Belt Sander Belt, Zero Splice.....	\$4.00

### 4"x48" Belts

T-B448	Belt Tradesman Zero Splice 4 x 48 Belts 80 150 .....	\$8.50
--------	--	--------

## Tradesman Precision Plated Grinding Wheels

Tradesman Precision Plated wheels are of the highest quality nickel plated CBN and diamond grit media on precision machined grinding wheels. Run wet or dry, these balanced wheels are built to impress and last, especially when used on our Tradesman and CUTTERMASTER Professional Tool Grinders. Also see [Cuttermasters Precision Plated Tool Grinding Wheels](#) and [Cuttermasters Wheel Hubs and Spacers](#) – available for the Tradesman.

### Tradesman 8" CBN Grinding Wheels

T8-80	1.27" width, 8" diameter, 1/2" plated side flange, 5/8" arbor, 80 grit CBN.....	\$175.00
T8-180	1.27" width, 8" diameter, 1/2" plated side flange, 5/8" arbor, 180 grit CBN.....	\$175.00
T8-320	1.27" width, 8" diameter, 1/2" plated side flange, 5/8" arbor, 320 grit CBN.....	\$175.00
T8-600	1.27" width, 8" diameter, 1/2" plated side flange, 5/8" arbor, 600 grit CBN.....	\$175.00
T8-80CR	1.31" width, 8" diameter, 1/2" plated side flange, 5/8" arbor, 80 grit, 0.16" corner rounding, 0.98" flat width .....	\$175.00
T8-180CR	1.31" width, 8" diameter, 1/2" plated side flange, 5/8" arbor, 180 grit, 0.16" corner rounding, 0.98" flat width .....	\$175.00
T8-320CR	1.31" width, 8" diameter, 1/2" plated side flange, 5/8" arbor, 320 grit, 0.16" corner rounding, 0.98" flat width .....	\$175.00
T8-600CR	1.31" width, 8" diameter, 1/2" plated side flange, 5/8" arbor, 600 grit, 0.16" corner rounding, 0.98" flat width .....	\$175.00

### Tradesman 7" and 10" CBN Grinding Wheels

T7-80	1.15" width, 7" diameter, .53" plated side flange, 1/2" arbor, 80 grit CBN.....	\$195.00
T7-180	1.15" width, 7" diameter, .53" plated side flange, 1/2" arbor, 180 grit CBN.....	\$195.00
T10-80	10" x 1-1/2" x 5/8" CBN, 80 Gr Alum Tradesman Wheel (1/2" plated rim), .....	\$255.00
T10-180	10" x 1-1/2" x 5/8" CBN, 180 GR Alum Tradesman Wheel (1/2" plated rim) .....	\$255.00

### Tradesman 6" CBN and Diamond Grinding Wheels

T6-D100	.8" width, 6" diameter, .53" plated side flange, 1.25" arbor, 100 grit Diamond....	\$195.00
T6-D180	.8" width, 6" diameter, .53" plated side flange, 1.25" arbor, 180 grit Diamond....	\$195.00
T6-D220	.8" width, 6" diameter, .53" plated side flange, 1.25" arbor, 220 Diamond.....	\$195.00
T6-C180-5/8	.8" width, 6" diameter, .53" plated side flange, 5/8" arbor, 180 grit CBN.....	\$195.00
T6-180CR	.8" width, 6" diameter, .45" plated side flange, 1.25" arbor, 180 grit CBN, .16" and .06" corner rounding.....	\$195.00
T6-100CR	.8" width, 6" diameter, .45" plated side flange, 1.25" arbor, 180 grit CBN, .16" and .06" corner rounding.....	\$195.00



Tradesman Unibit Wheels - 6" CBN and Diamond Plated

T-68B100	Form wheel for sharpening unibits, using the T-Unibit Fence mounted on the Tradesman Grinder. CBN for HSS tools .....	\$140.00
T-68D100	Form wheel for sharpening unibits, using the T-Unibit Fence mounted on the Tradesman Grinder. Diamond for carbide tools .....	\$140.00

Tradesman Third Wheel Shaft Extension

T-3WSE	Third wheel shaft extension. Complete with two washers 3/8-24 SHCS RH .....	\$165.00
--------	---	----------

## Cuttermasters Precision Plated Tool Grinding Wheels

Cuttermasters Precision Plated wheels are of the highest quality nickel plated CBN (for HSS) and diamond (for carbide) grit media on precision machined grinding wheels. Run wet or dry, these balanced wheels are built to impress and last, especially when used on our Tradesman and CUTTERMASTER Professional Tool Grinders.

### DAREx Replacement Wheels (6" 1A1 Shape, Shoulder / Neck)

These 6" wheels are an improvement on the old DAREx wheels. Use on the M5 or any tool grinder with 1.25" arbor. They also work great as shoulder wheels (CBN) and necks (Diamond). Bushings available.

CM-M5D100	Diamond 100 Grit DAREx Replacement Wheel. Original DAREx p/n PP04858GF 3/4" width, 6" diameter, 1/4" plated side flange, 1.25" arbor.....	\$195.00
CM-M5D180	Diamond 180 Grit DAREx Replacement Wheel. Original DAREx p/n PP04857GF 3/4" width, 6" diameter, 1/4" plated side flange, 1.25" arbor.....	\$195.00
CM-M5C100	CBN 100 Grit DAREx Replacement Wheel. Original DAREx p/n PP04863GF 3/4" width, 6" diameter, 1/4" plated side flange, 1.25" arbor.....	\$195.00
CM-M5C180	CBN 180 Grit DAREx Replacement Wheel. Original DAREx p/n PP04862GF 3/4" width, 6" diameter, 1/4" plated side flange, 1.25" arbor.....	\$195.00

### Shoulder Wheels for T-Cutter Fabrication (CBN)

CM-S.125C	CBN Precision Plated Shoulder Grinding Wheel for T-Cutters .14" width, 6" diameter, .25" plated face, 1.25" arbor, 6" 180 Grit.....	\$165.00
CM-S.25C	CBN Precision Plated Shoulder Grinding Wheel for T-Cutters .14" width, 6" diameter, .25" plated face, 1.25" arbor, 6" 180 Grit.....	\$185.00
CM-S.5C	CBN Precision Plated Shoulder Grinding Wheel for T-Cutters .5" width, 6" diameter, .4" plated face, 1.25" arbor, 180 grit CBN.....	\$205.00

### Neck Wheels for Neck Diameter Reduction (Diamond)

CM-S.125D	Diamond Precision Plated Grinding Wheel for Neck Reduction .125" width, 6" diameter, .25" plated face, 1.25" arbor, 6" 180 Grit.....	\$165.00
CM-S.39D	Diamond Precision Plated Grinding Wheel for Neck Reduction .39" width, 6" diameter, .25" plated face, 1.25" arbor, 6" 180 Grit.....	\$195.00
CM-S.39D-400	Diamond Precision Plated Grinding Wheel for Neck Reduction .39" width, 6" diameter, .25" plated face, 1.25" arbor, 6" 400 Grit.....	\$195.00
CM-S.25DMN	Diamond Precision Plated Grinding Wheel for Neck Reduction 1/4" width, 6" diameter, 1/8" chamfer for reinforcement, 1.25" arbor, 220 Grit Diamond.....	\$185.00

### Face Wheels (5" and 6", 1A1 Shape, Large Face)

These face wheels are recommended for grinding countersinks and larger drills as well as general purpose grinding of HSS and carbide.

CM-6D180F	Grit Diamond Precision Plated Face Grinding Wheel. .76" width, 6" diameter, 1.6" plated face, 1.25" arbor, 180 grit Diamond.....	\$245.00
CM-6C180F	CBN Precision Plated Face Grinding Wheel .76" width, 6" diameter, 1.6" plated face, 1.25" arbor, 100 grit CBN.....	\$245.00
CM-5D180F	CBN Precision Plated Face Grinding Wheel .76" width, 5" diameter, 1.25" plated face, 1.25" arbor, 180 grit CBN.....	\$215.00
CM-5C180F	CBN Precision Plated Face Grinding Wheel .76" width, 5" diameter, 1.25" plated face, 1.25" arbor, 180 grit CBN.....	\$215.00

### Radius Wheels for Carbide Corner Prep

These wheels have a radius profiled in to each side of the wheel to provide two corner rads per wheel. These radius wheels were designed to quickly *corner prep* carbide endmills (carbide tools need to be corner prepped to strengthen the corner).

CM-36RAD	6" 220 Grit Diamond Precision Plated Profiled Corner Radius Grinding Wheel .03" and .06" profiled rads for corner prep, 1.25" arbor .....	\$185.00
CM-912RAD	6" 220 Grit Diamond Precision Plated Profiled Corner Radius Grinding Wheel .09" and .12" profiled rads for corner prep, 1.25" arbor .....	\$185.00

### 3" Profiled Corner Radius and Chamfer

These wheels are for our timed-chuck end and radius grinding machines but can also be used on your tool grinder.

CR3-Rad1	Wheel .03-06 3 Inch Diameter ½" Bore Diamond 220 Grit .....	\$144.00
CR3-Rad2	Wheel .09-.12 3 Inch Diameter ½" inch Bore Diamond 220 Grit.....	\$144.00
CR3-Cham	Wheel Diamond 3 inch 45 Degree Chamfer .....	\$144.00

### Chamfer Wheels for Weldon Set Screw Flats

These wheels have a 45 chamfer on each side, for set screw flats. They can also be used for reamer sharpening.

CM-WF.125	Diamond Precision Plated Chamfer Wheel for Weldon Set Screw Flats 1/8" flat width, 6" diameter, 1.25" arbor, 6" 180 Grit.....	\$135.00
CM-WF.25	Diamond Precision Plated Chamfer Wheel for Weldon Set Screw Flats 1/4" flat width, 6" diameter, 1.25" arbor.....	\$145.00
CM-WF.375	Diamond Precision Plated Chamfer Wheel for Weldon Set Screw Flats 3/8" flat width, 6" diameter, 1.25" arbor.....	\$155.00
CM-WF.5	Diamond Precision Plated Chamfer Wheel for Weldon Set Screw Flats 1/2" flat width, 6" diameter, 1.25" arbor.....	\$165.00
CM-WF.25B	CBN Precision Plated Chamfer Wheel for Weldon Set Screw Flats 1/4" flat width, 6" diameter, 1.25" arbor .....	\$145.00
CM-WF.5B	CBN Precision Plated Chamfer Wheel for Weldon Set Screw Flats 1/2" flat width, 6" diameter, 1.25" arbor .....	\$165.00

## Cut Off Wheels

CM-CutDP	Diamond Precision Plated Carbide Cut Off Wheel .06" width, 6" diameter, 1.25" arbor, 150 Grit Diamond .....	\$145.00
CM-CutDR	Diamond Resin Bond Carbide Cut Off Wheel .04" width, 6" diameter, 1.25" arbor, 150 Grit Diamond .....	\$215.00
CM-Cut.06-F	Norton 6" Fiber HSS Cut Off Wheel .06" width, 6" diameter, 1.25" arbor Cutter wheel Diamond.....	\$20.00

## Fluting and Annular Cutter

CM-40	3-7/8", CBN, 180 Annular Cutter Wheel .....	\$185.00
CM-41C	4" CBN 180 Grit Fluting Wheel (used with Shaft Extension) .....	\$265.00
CM-41D	4" Diamond 180 Grit wheel for compression bits (used with Shaft Extension)	\$265.00

## Cuttermasters Mineral Dry Grinding Wheels

All of our resin bond tool grinding wheels come with dressing stick

### Recommended Resin Bond Cup Wheels for End Mill Ends and Flutes

These 11V9C wheels are better balanced and shaped (more flare for more precise approach to the tool) than earlier 11V9 resin bond wheels.

11V9C-115C	4-1/8" (115mm) CBN 11V9C 100 grit grinding wheel.....	\$215.00
11V9C-115D	4-1/8" (115mm) Diamond 11V9C 120 grit grinding wheel.....	\$215.00
11V9C-125C	5" (125mm) Diamond 11V9C 100 grit grinding wheel .....	\$215.00
11V9C-125D	5" (125mm) Diamond 11V9C 120 grit grinding wheel .....	\$215.00

### Recommended Wheel Truing Device for Resin Bond Cup Wheels

CM-WTD	Spindle mounted wheel truing device for resin bond wheels .....	\$145.00
--------	---	----------

### Traditional CUTTERMASTER Tool Grinding Wheels

CMS-20	5" cup, pink aluminum oxide, 60 grit .....	\$60.00
CMS-21	5" cup, white aluminum oxide, 80 grit with 3/4" face .....	\$90.00
CMS-22	5" cup, blue ceramic, 80 grit.....	\$195.00
CMS-23	5" cup, pink aluminum oxide, 60 grit with 3/4" face .....	\$89.00
CMS-25	6" dish, blue ceramic, 60 grit.....	\$99.00
CMS-26	6" dish, aluminum oxide, 38 grit.....	\$139.00
CMS-30	5" cup, diamond, 120 grit .....	\$215.00
CMS-30/500	5" cup, diamond 500 grit .....	\$276.00
CMS-31P	5" cup, 150-180 grit diamond Poly .....	\$325.00
CMS-31	5" cup, CBN, 100 grit .....	\$215.00
CMS-32	5" cup, CBN, 100 grit with 3/4" face .....	\$215.00
CMS-33	6" dish, diamond, 150 grit .....	\$278.00
CMS-33	6" dish, CBN, 120 Grit.....	\$336.00
CMS-33/500	6" dish, diamond 500 grit .....	\$278.00
CMS-35	5" cup, diamond 100 Grit with 3/4" Face .....	\$325.00
CMS-36	4" cup (100mm), diamond 120-150 Grit <b>Super 12</b> .....	\$175.00
CMS-37	4" cup, (100mm), CBN 100 Grit <b>Super 12</b> .....	\$175.00
CMS-38	3-1/8" dual radius wheel, CBN 180, (0.03" and 0.06" radiuses) .....	\$144.00
CMS-39	3-1/8" dual radius wheel, CBN 180, (0.09" and 0.120" radiuses) .....	\$144.00
CMS-55	Flat Profile <b>Super 12 V</b> .300 Wheel Spacer.....	\$18.00

## Tool Grinding Packages

### CUTTERMASTER Professional Tool Grinding Packages

CM-01TRP CUTTERMASTER Professional CM-01P Tower TRP Complete Tool Grinder Package  
Cuttermaster Universal Base, Toycen MK2 Radius Air Spindle, Toycen MK3 Variable  
Speed, Reversing Infinite Twin DC Motor Tower and Control, 7 Piece 5C Collet Set,  
Maintenance Tool Set, Tradesman NC Neck Grinder, Master Countersink Grinding and  
Step Grinding cams, Tapered Cup wheel set CBN and Diamond, CBN Face Wheel, Shaft  
extension Set with CBN and Diamond Fluting wheel set, EC 313 Drill Point Grinder (a  
Three Machine System).....\$10,914.00

### Production Support Packages

CM-PS1-115 Production Support Package for End Mills - 115mm wheels  
Includes 11V9C-115C 4" CBN cup wheel, 11V9C-115D 4" diamond cup wheel, braked  
wheel truing device .....\$525.00

CM-PS1-125 Production Support Package for End Mills - 125mm wheels  
Includes 11V9C-125C 5" CBN cup wheel, 11V9C-125D 5" diamond cup wheel, braked  
wheel truing device .....\$575.00

CM-PS2 Production Support Package for Countersinks  
Includes: CM-CSB2 6pc. Countersink Set (2pc. 0/1-flute, 2pc. 2/4-flute, 2pc. 3/6-flute  
Countersink Cams), Cam tensioner, follower and hand wheel, 5" CBN or diamond face  
wheel .....\$539.00

**Technical Bulletins on request**

**Notes:**