

Cuttermasters.com

Take Control of Your Tools

2014

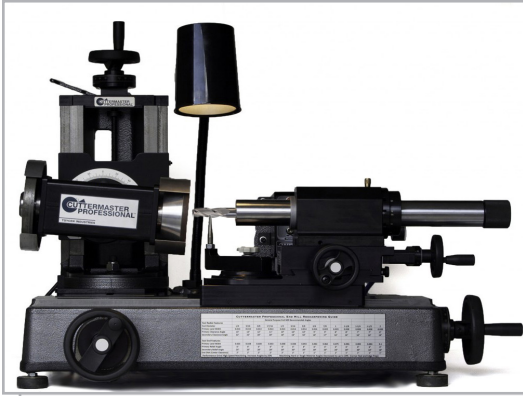
The most complete source world wide
for tool sharpening solutions designed
to be used on the shop floor



Purchasing Call Toll Free 1 (800) 417-2171

TOOL GRINDERS

Serious tool grinding equipment



THE CUTTERMMASTER PROFESSIONAL CMX

Infinitely positionable and powerful DC variable speed (400 to 4,000 rpm).

The patented Cuttermaster Professional CMX Series has been designed with the capabilities to meet the demands of today's prototype and production shops and provides superior flexibility and ease of use for tool regrinding and tool modifications.

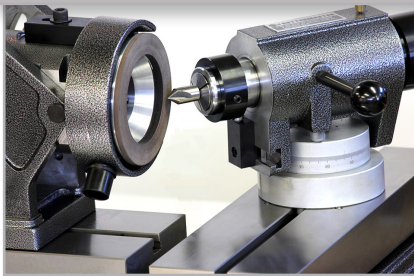
Designed by our own engineers and built in our own shop, you won't be disappointed with the results.

Sharpen end mill ends, flutes and corner radius's, reamers (circumferential lands), annular cutters, drills, countersinks, cut off and neck grind both carbide and high speed steel.

Cuttermaster Professional Accessories

CMX-12	Cuttermaster Professional Tool Grinder	\$9,875.00
CMX-TS	Cuttermaster Professional Travel Stops	\$80.00
CMX-RH	Diamond Radius File (.03 & .06)	\$93.00
CMX-MH	Large End Mill Holders (1.25, 1.5, & 2")	\$405.00

COUNTERSINK SHARPENING CAMS CMX-CSB

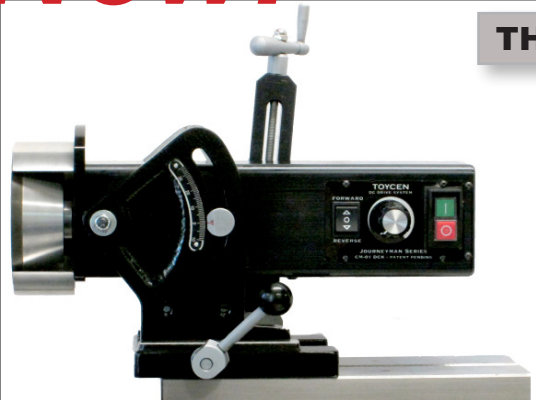


Sharpen drills, countersinks and step drills on the CUTTERMMASTER and CUTTERMMASTER Professional with the CMX Countersink Sharpening Cam Set. Cam follower, tensioner and hand wheel included.

Basic Set - CMX-CSB 4pc.
Journeyman Set - CMX-CSJ 10pc.

patent pending

New!



THE DC CONVERSION KIT for CUTTERMMASTER DCK-C

Upgrade your CUTTERMMASTER End Mill Sharpener to a powerful tool grinder with powerful variable speed wheel head and DC control. The DCK head replaces the CUTTERMMASTER motor and control and fits the CUTTERMMASTER models FCG-30, CM-01, CMX, HDT-30 or any tool grinder with a table and T slot.

Grind reduced necks and flats on carbide shanks, and sharpen reamers, saws, annular cutters, hogger mills, taps, side and face cutters, countersinks and step drills on your CUTTERMMASTER.

Patent Pending

DCK-C	Toycen DC Drive System - Conversion Kit for CUTTERMMASTER	\$1,950.00
-------	---	------------

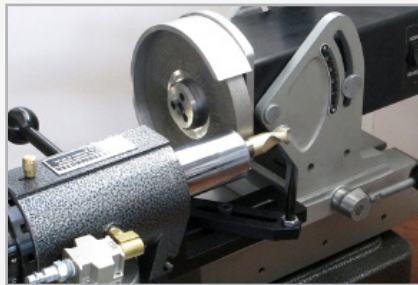
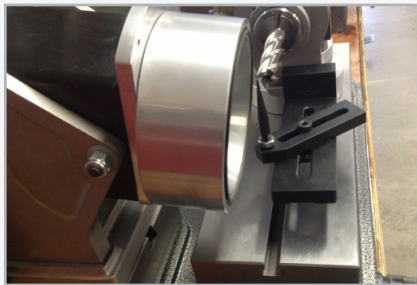
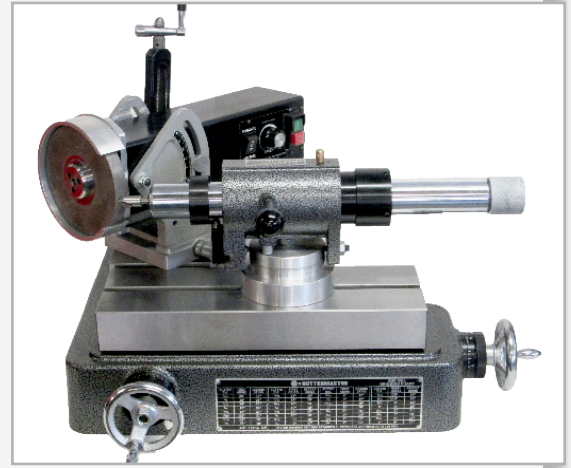
New and Cool!

TOYCEN JOURNEYMAN DC

Patent Pending

Cuttermasters has re-visioned the tried and true CUTTERMASTER End Mill Sharpener as a *DC variable speed tool grinder*.

The Journeyman DC is a new CUTTERMASTER style base and air spindle with the Toycen DC Drive System DCK. The DC Drive features an infinitely variable and powerful variable speed wheel head, control, and standard tool and cutter wheel mount to accommodate a greater selection of wheels. Sharpen end mill ends and flutes, reamers (circumferential lands), annular cutters, drills, countersinks, cut off and neck grind both carbide and high speed steel.



DCK CUTTERMASTER Pro DC Variable Speed Tool Grinder \$4,775.00

THE TRADESMAN TWIN DC

Not your father's bench grinder with a bucket of water, dust and lumpy stone wheels, the Tradesman Twin DC with our Precision Plated Wheels produces a smooth flat predictable finish with **no heat, no dust**, and a reduced risk to life, lung and limb.

The ultimate bench grinder for fine surface milling, deburring and sharpening high speed steel and carbide.

- Optional rail for Tormek attachments
- Sharpen end mills, reamers, chisels, gouges, knives, scissors, and axes safely and with precision



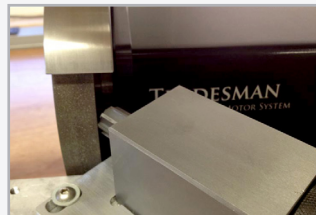
Patent Pending



with belt attachment



end mill sharpening



reamer sharpening



knife sharpening

TT	Tradesman DC without wheels	\$985.00
TT-6	Tradesman DC - 6 inch x .75" Precision Plated wheels	\$1,075.00
TT-8	Tradesman DC - 8 inch x 1" Precision Plated wheels	\$1,285.00
TT-8	Tradesman DC - 8 inch x 1.25" Precision Plated wheels	\$1,345.00

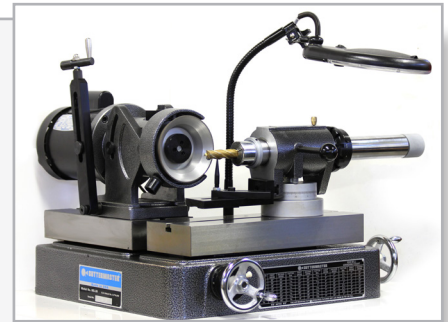
END MILL SHARPENERS

Cut your annual tooling costs in half with our drill and end mill sharpeners.

THE CUTTERMASTER END MILL SHARPENER CM-01

The Original CUTTERMASTER End Mill Sharpener.

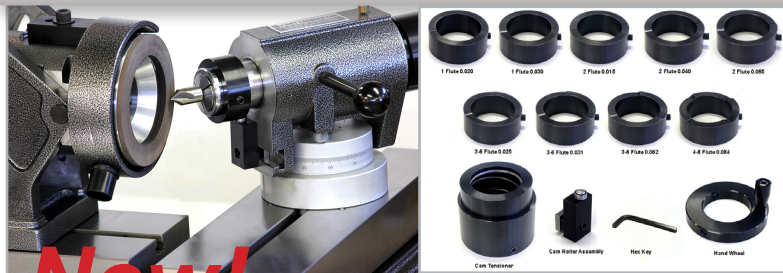
- Grind O.D.s and ends of standard end mills in one setup within minutes
- Extremely versatile
- Pneumatic finger instantly and automatically sets primary and secondary clearance angles with the flip of a switch
- Extremely easy to use - and fast. The machine is always set up and ready to go



CUTTERMASTER CM-01 Accessories

CM-01	CUTTERMASTER End Mill Sharpener with air bearing fixture, stylus & index collar . . .	\$3,650.00
CM-02A	Air Bearing Fixture with stylus & index collar	\$1,690.00
CM-03C	Radius Attachment; includes center finder	\$1,255.00
CM-04	Center Finder for Radius Attachment	\$36.00
CM-05P	Dual Positioning Pneumatic Finger	\$615.00
CMS-06	Drill Attachment complete with two chucks (capacity 0.125 - 0.875)	\$410.00
CM-08	Taper Attachment	\$96.00
CM-10	Cabinet Base	\$395.00
CM-11	Work Holding Fixture	\$689.00

COUNTERSINK SHARPENING CAMS CMX-CSB



New!

patent
*as shown on page 1

Sharpen drills, countersinks and step drills on the CUTTERMASTER and Cuttermaster Professional with the CMX Countersink Sharpening Cam Set. Cam follower tensioner and hand wheel included.

Basic Set - CMX-CSB 4pc.
Journeyman Set - CMX-CSJ 10pc.

CMX-CSB	CMX Basic Cam Set (single and three flute countersinks, 4pc.)	\$285.00
CMX-CSJ	CMX Journeyman Cam Set (drills, step drills, countersinks, 10pc.)	\$415.00

END MILL SHARPENING MACHINE GS-26X



This machine is easy to use, has great wheels, a small foot print and is designed for industrial use.

Designed to be used on the shop floor, with the GS-26X you will always have sharp end mills.

For end mills sized 3/8" to 1" diameter.

Easy - Fast - Perfect ends.

From dull or cut off

To New



GS-26 End Mill Sharpening Machine	\$3,850.00
---	------------

END MILL SHARPENERS continued

Cut your annual tooling costs in half with our drill and end mill sharpeners.

END MILL AND DRILL CUT OFF MACHINE GS-13N



This little machine quickly cuts the ends off of your dull or damaged drills or end mills.

Once the end has been cut off, use the GS-6X or CR-3 to produce a sharp new end on your tool.

Cut off carbide or high speed steel tools or rods in under a minute.



From Dull



To This



GS-13 End Mill and Drill Cut Off Machine \$1,580.00

END MILL SHARPENING MACHINE GS-6



The GS-6 and GS-6X are easy to use, have great wheels, a small foot print and are designed for industrial use.

Designed to be used on the shop floor, with these machines you will always have sharp end mills.

The GS-6 sharpens end mills sized 1/8" to 1/2" while the GS-6X sharpens end mills sized 1/8" up to 5/8".

Easy - Fast - Perfect ends.

From dull or cut off



To New



GS-6 End Mill Sharpening Machine \$1,975.00
 GS-6X End Mill Sharpening Machine \$2,450.00

Hot!

END MILL and CORNER RADIUS SHARPENING MACHINE CR-3

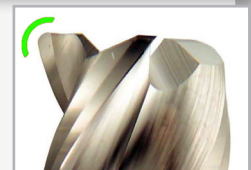


Corner Radius Grinder

If you thought the GS-6X End Mill Sharpener was cool - which it is - you'll love the CR-3.

The left side sharpens 2,3,4 and 6 flute end mills up to 3/4" diameter while the right will put up to a 1/8" corner radius on a 3/4" end mill.

Easy - Fast - Perfect ends.



CR-3 End Mill and Corner Radius Sharpening Machine up to 1/2" multiple radius up to 3/32" . . . \$3,160.00
 CR-3X End Mill and Corner Radius Sharpening Machine up to 3/4" multiple radius up to 1/8" . . . \$4,200.00

DRILL SHARPENERS

Cut your annual tooling costs in half with our drill and end mill sharpeners.

Easily and quickly grind the correct tip geometry for the job with our line of industrial drill sharpeners.

Adding a drill sharpener to your shop will immediately eliminate your down time and improve your cycle time. These machines will produce better-than-new split drill points accurately and quickly providing a valuable return on investment to any shop using drill bits.

DRILL SHARPENING MACHINE GS-1



The GS-1 is the best drill sharpener of it's class and will keep your high speed steel drill bits (.08" to 1/2") better than new.

With the GS-1X we've improved upon the GS-1 by configuring it to sharpen drill bits up to 5/8" diameter and both car-bide and high speed steel.



GS-1 Drill Sharpening Machine	\$985.00
GS-1X Drill Sharpening Machine	\$1,185.00

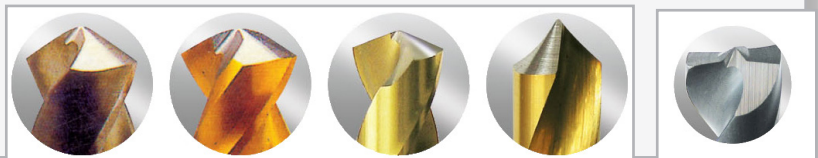
DRILL SHARPENING MACHINE GS-7



This machine grinds two different tip styles: one is a flat, self-centering for sheet metal, the other a conventional helical tip split point.

For sheet metal drill bits sized 3/32" - 1/2"
(3mm-13mm) and twist drills sized 3/32" - 1/2"
(2mm - 13mm)

- Sheet metal drill resharpening angle 165° - 180°
- Twist drill resharpening angle 90° - 140°



GS-7 Drill Sharpening Machine	\$1,650.00
-------------------------------------	------------

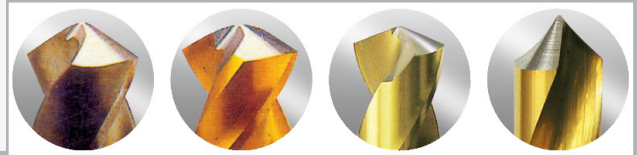
DRILL SHARPENERS continued

DRILL SHARPENING MACHINE GS-21B



For large twist drills sized 5/16" - 1" (8mm to 26mm)

- Resharpener angle 90° - 140°
- Optional collets and adapters for 3mm to 7mm and 23mm - 25.4mm drills
- Optional diamond wheel for carbide



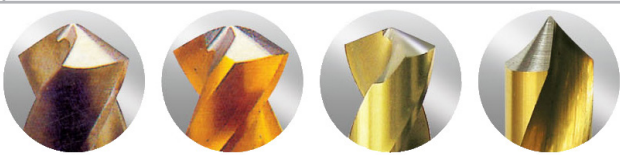
GS-21B	Drill Sharpening Machine	\$2,175.00
GS-21 DW	Optional Diamond Wheel	\$160.00

DRILL SHARPENING MACHINE GS-34

This is the largest of drill sharpeners from GSC.

- 1/2" - 1 5/16" (12mm - 34mm) range
- Resharpener angle 90° - 140°

Imagine not having to drill a pilot hole to drill a large hole. Split point your existing drills up to 1 1/4".



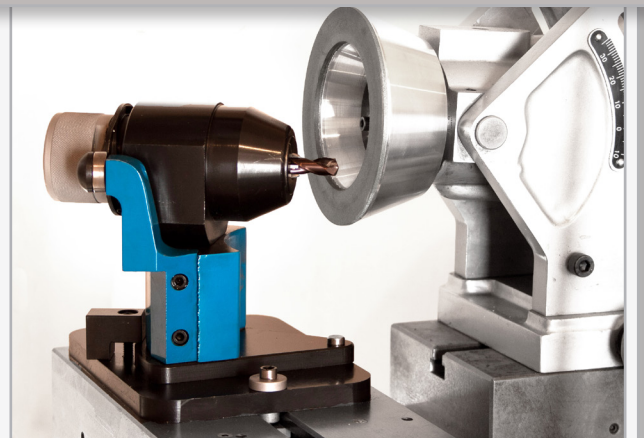
GS-34	Drill Sharpening Machine	\$2,550.00
-------	--------------------------------	------------

DRILL SHARPENER for CUTTERMMASTER CM-06

Sharpen drill bits on the CUTTERMMASTER with the CM-06 Drill Sharpening Attachment.

1/8" to 7/8" (0.125" to 0.875) range

Designed to fit on your CUTTERMMASTER, use the CM-06 to sharpen carbide or high speed steel drills using a standard tool and cutter grinder face wheel.



CM-06	Drill Sharpening Attachment	\$410.00
-------	-----------------------------------	----------

GRINDING WHEELS

CBN and DIAMOND 1A1 GRINDING WHEELS



Our industrial grinding wheels are *precision plated* meaning they'll stay sharp, stay cool, hold their shape and won't emit dust. Ideal for bench grinders and bench top tool grinders.

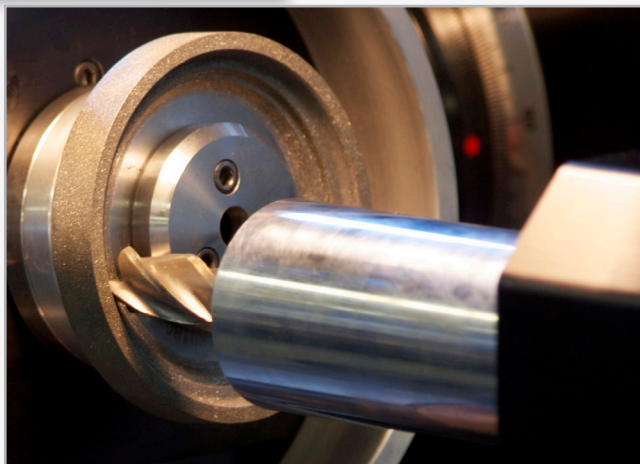
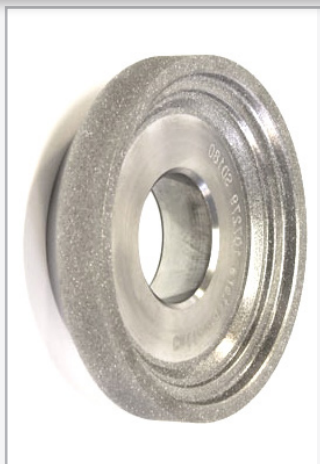
If you are used to working with stone grinding wheels our plated grinding wheels are a breath of fresh air in terms of ease-of-use and safety. They are an excellent return on investment when you consider that they'll outlast your stone wheels by many lifetimes.

1A1 Grinding Wheels

PN diameter x width x bore (inches), medium, grit

675125d100	6" x 3/4" x 1 1/4" diamond, 100 grit	\$210.00
675125d180	6" x 3/4" x 1 1/4" diamond, 180 grit	\$210.00
675125c100	6" x 3/4" x 1 1/4" CBN, 100 grit	\$160.00
675125c180	6" x 3/4" x 1 1/4" CBN, 180 grit	\$160.00
675625c180	6" x 3/4" x 5/8" CBN, 180 grit	\$160.00
81625c80	8" x 1" x 5/8" CBN, 80 grit	\$195.00
81625cac180	8" x 1" x 5/8" CBN, 180 grit	\$195.00
8125625c100	8" x 1 1/4" x 5/8" CBN, 100 grit	\$210.00
8125625c180	8" x 1 1/4" x 5/8" CBN, 180 grit	\$210.00
81501d80	8" x 1 1/2" x 1" diamond, 80 grit, plastic body	\$100.00
81501d180	8" x 1 1/2" x 1" diamond, 180 grit, plastic body	\$100.00
CMS-bush	Plastic Bushings – 1 1/4" o.d x 1", 3/4, 5/8 i.d	\$6.00
CMS-bore	Custom Bore	\$16.00

CORNER RADIUS GRINDING WHEEL



The Cuttermasters patented Corner Radius Profile Wheel is designed to plunge a small corner radius of up to 10% of the diameter on end mills.

Produce a corner radius in minutes without setting up a corner radius attachment.

The outside of the wheel is designed for necking and countersink grinding.

Use the Corner Radius Wheel on the Cuttermaster Professional, the Tradesman and the CUTTERMASTER DC.

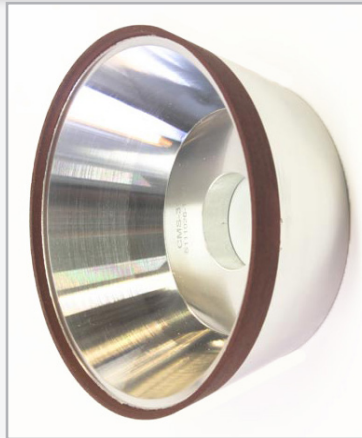
CMS-03W	Diamond Corner Radius Wheel	\$205.00
---------	-----------------------------------	----------

Best wheels for dry grinding

TRADITIONALLY BONDED TOOL GRINDING WHEELS



5" Cup with Face



5" Cup



6" Dish

Tool Grinding Wheels

CM-20	5" cup, pink aluminum oxide, 60 grit	\$60.00
CM-21	5" cup, white aluminum oxide, 80 grit with 3/4" face	\$90.00
CM-22	5" cup, blue ceramic, 80 grit	\$195.00
CM-23	5" cup, pink aluminum oxide, 60 grit with 3/4" face	\$89.00
CM-25	6" dish, blue ceramic, 60 grit	\$99.00
CM-26	6" dish, aluminum oxide, 38 grit	\$139.00
CM-30	5" cup, diamond, 120 grit	\$215.00
CM-30/500	5" cup, diamond 500 grit	\$336.00
CM-31	5" cup, CBN, 100 grit	\$215.00
CM-32	5" cup, CBN, 100 grit with 3/4" face	\$260.00
CM-33	6" dish, diamond, 150 grit	\$278.00
CM-33/500	6" dish, diamond 500 grit	\$278.00

DIAMOND CORNER RADIUS HONE

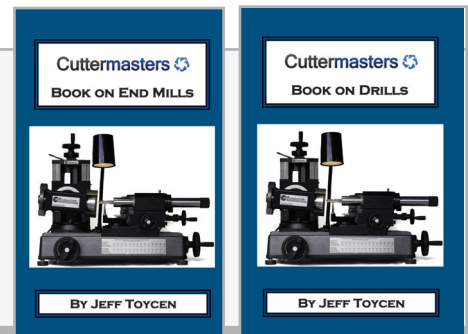
Adding a corner radius to your end mill will increase its life by 3 times. Having both 0.031 and 0.062 radius, these synthetic diamond files are perfect for sharpening corner radiuses on end mills. Surface is nickel bonded 200 grit.



CMX-RF	Diamond Corner Radius Hone (.03" & .06").	\$93.00
--------	---	---------

HAND BOOKS ON DRILLS and END MILLS

User friendly books on grinding basics: end geometry, drill bits, end mills, and grinding wheels.



CMX-BD	Book on Drills	\$22.50
CMX-BEM	Book on End Mills	\$22.50

Best warranty in the business: 2-years parts and labor on all products

Cuttermasters.com

2353 Ridgcrest Place Ottawa
ON K1H 7V4
Toll Free 1 (800) 417-2171
Canada (613) 523-7753
cuttermaster@gmail.com