

PRODUCT INFORMATION

GRAINGER: 3KR90

Diamond Mini-Sharp® Sharpener Fine

UPC: 0 17042 01121 5

Product Specifications:

Length	Width	Height
3.500	1.000	.190

Packaged Product Specifications:

Pkg. Height	Pkg. Width	Pkg. Depth	Pkg. Weight Lbs.
8.500	3.500	.490	.100



- ◆ A diamond sharpener that travels with you.
- ◆ Folding handle protects the stone when not in use.
- ◆ Lightweight and ultra portable, handy key chain swivel ring for your keys or attach to zipper pulls or backpacks.
- ◆ Fine diamond (25 micron / 600 mesh) for a razor sharp edge.
- ◆ Handy Size: 5 ½" opened. Stone Size: 2 11/16" x 15/16" x 3/16".
- ◆ Sharpening with diamonds is fast and easy. No messy oils needed—sharpen dry or with water. Durable construction will provide years of consistent performance and reliable service.
- ◆ Made in USA.

Sharpening/ Honing an Edge

A few quick strokes when you notice your edge starts to dull and you will never be without a keen edge. Most people new to diamond will tend to over sharpen their edges. About 30 strokes on a conventional sharpening stone is equivalent to about 5 or 6 strokes with the DMT® diamond stone. This will save time and extend the life of your tool. You can also repair lost edges or nicks by starting with coarser grit sizes and stepping down to finer grits as the edge gets sharper. One thing to try to do is match the bevel with the sharpener when sharpening. Even more important than matching the bevel however is to keep a constant angle so you have a consistent edge.

- ◆ Sharpening = removal of material.
- ◆ Sharpening keeps tools safer and easier to use.
- ◆ Start with larger grit sizes (coarser) then step down to finer grit sizes
- ◆ Match bevel angle (keep angle constant).
- ◆ Do not over sharpen

Mini-Sharp® Models could be used in sharpening / honing:

Electrician's Knives & Diagonals
Plumber's Tools
Dead Heading Shears
Flower Shear
Hatchet
Hedge Shears
Japanese Hatchet
Jungle Knife

Lopper
Machette
Pole Pruner
Pruner, Secatur
Ratchet Pruner
Swing Blade
Thinning Shears
Debur edges (after surface grind)

Die Chasing after grind (tungsten carbide)
Edge Hand Tools
HSS Single Points
Machine Rebuilding - flat check & dress
Making Part Fit
PCD Single Points
Toolroom Debur

Tungsten Carbide Single Points
Cold Chisel
Shear
Hobby Knife
Safety Razor Blade
Power Shear Blades
Folding Knife straight edge

DMT, the manufacturer, is committed- to innovate and produce the world's finest diamond knife and tool sharpeners. All DMT products are made using the highest quality materials and workmanship and are guaranteed to be free of defects. Any products found to be defective will be replaced free of charge - it's that simple!

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Break-in Period - Diamond

Initially, the diamond surface will seem aggressive in nature; the diamond sharpener will smooth after initial sharpening with no impact to long term performance.

Cleaning and Maintenance

Cleaning and care of a DMT[®] stone is simple and necessary for best performance. After using a DMT Diamond Bench Stone or Sharpener simply wet it (if it is not already lubricated with water) and wipe the slurry off with a rag. This slurry is evidence that the sharpener has done its job. If the swarf is not wiped off the sharpener after use, it may clog up the diamond and not allow it to sharpen as well as it could were it clean.

Also, once in a while it is a good idea to get a common cleanser and scrub the sharpener with a nylon brush or nylon pad. This will ensure the sharpener is not clogged with slurry and will allow for optimal sharpening. Finally, make sure you store your sharpeners dry after you clean them off.

Quick Review

- ◆ Clean off with rag after use
- ◆ Not cleaning will result in clogging
- ◆ Scrub with cleaner periodically
- ◆ Store dry

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