

PRODUCT INFORMATION

GRAINGER: 3KT07

6-in. Diamond Whetstone™ Sharpener Extra-Fine with Plastic Box

UPC: 0 17042 00315 9



Product Specifications:

Length	Width	Height
6.000	2.000	.750

Packaged Product Specifications:

Pkg. Height	Pkg. Width	Pkg. Depth	Pkg. Weight Lbs.
7.750	8.000	1.400	.570

- ◆ Perfect fit at home or in the shop offering a sharpening surface to satisfy a variety of edge care needs
- ◆ Comes in a durable plastic case with mounting capability. Includes non-skid rubber feet.
- ◆ Size: 6" x 2" x 3/4"
- ◆ Extra-Fine diamond (9 micron / 1200 mesh) to polish and refine a razor edge after sharpening with a coarser diamond.
- ◆ Sharpens knives faster than conventional stones with DMT®'s monocrystalline diamond surface
- ◆ No oil is 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

6-inch Diamond Whetstone™ Sharpener could be used in sharpening / honing:

Block Plane Iron
Diagonal Cutter
Hammering Chisel
Pocket Knife
Utility Knife
Axe

Hatchet
Japanese Hatchet
Jungle Knife
Machette
Swing Blade
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
Folding Knife straight edge

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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