# Diamond Whetstones

CMT ORANGE TOOLS®

DSS

***For professional, industrial and home users***

**FAST:** real quality diamond, the hardest known material, reduces the sharpening process.

**EASY:** stoke the blade across the surface with little pressure.

**DURABLE:** we use natural diamonds for long-lasting performance.

**VERSATILE:** for sharpening any hard material, steel, glass, ceramic, tungsten carbide, etc.

**FOR SHARPENING, HONING AND LAPPING**

- axes
- bayonets
- broadheads
- cable cutters
- carbide cutters
- chainsaws
- chisels
- climbing equipment
- engraving tools
- farm and garden tools
- fish hooks
- Forstner bits
- knives
- lapidary tools
- lawn mower blades
- masonry drills
- moulds and dies
- plane blades
- planer /jointer knives
- pruners
- ring tool
- router bits
- saw blades
- scissors
- shears
- ski and snowboard edges
- small contact area and pointed tools
- speed and hockey skates
- woodcarving scrapers
- woodturning tools

**FOR ABRADING HARD MATERIALS**

- ceramic
- composites
- fibreglass
- glass
- stainless steel
- stone
- titanium
- tool steel
- tungsten carbide

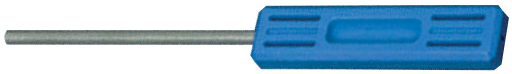
**FOR FLATTENING**

- chisel backs
- engine heads
- machine bolsters and ways

Watch the video on YouTube

## Universal diamond whetstone in leather sheaths

| DIMENSIONS | GRAIN mm | GRAIN | ORDER NO. |
|---|---|---|---|
| 115 x 25 x 3 | D15 extrafine | green | DSS-115E |
| 115 x 25 x 3 | D25 fine | red | DSS-115F |
| 115 x 25 x 3 | D46 coarse | blue | DSS-115M |
| 115 x 25 x 3 | D76 extracoarse | black | DSS-115G |



## Diamond whetstone file

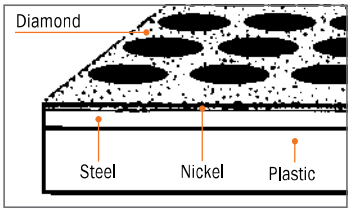
| DIMENSIONS | GRAIN mm | GRAIN | ORDER NO. |
|---|---|---|---|
| 100 Ø4,8 | D54 coarse | blu | DSS-048M |

## Universal diamond whetstones in hardwood case

| DIMENSIONS | GRAIN mm | GRAIN | ORDER NO. |
|---|---|---|---|
| 150 x 52 x 16 | D15 extrafine | green | DSS-150E |
| 150 x 52 x 16 | D25 fine | red | DSS-150F |
| 150 x 52 x 16 | D46 coarse | blue | DSS-150M |
| 150 x 52 x 16 | D76 extracoarse | black | DSS-150G |

***A unique production process to guarantee long tool life***

A perforated steel plate is moulded onto a strong plastic base by applying high pressure. The steel is then covered with natural diamonds embedded into a nickel plate. The pattern and diamond coating ensures fast sharpening, whereas the plastic indents hold the lubricating water and disperse the fine dust emitted by the diamonds during sharpening.




**The diamond whetstones are available in four meshes for multiple purposes:**

**D15 EXTRAFINE/GREEN** (9 microns, 1200 mesh)
To refine and polish sharp edges to razor sharp perfection. If you are new to sharpening or need your knife or tool edges as sharp as possible, this grain type is what you are looking for.

**D25 FINE/RED** (25 microns. 600 mesh)
To restore any slightly dull knife or tool edges to perfect sharpness. Professional chefs and gourmet cooks prefer using this grit grain, too. This product is perfect for the edge refinement process before micro-refinement and polishing.

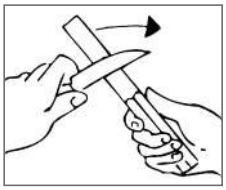
**D46 COARSE/BLUE** (45 microns, 325 mesh)
To quickly restore dull and worn edges. Professionals who require faster cutting action and less edge refinement often use this medium grit grain.

**D76 EXTRA-COARSE/BLACK** (60 microns, 220 mesh)
Recommended for aggressive removal of metal and metallic residue on damaged tools or restore heavy-duty outdoor tools such as axes and lawn mower blades. This grit grain is commonly used as a first step for flattening the back of chisel and plane irons or for rapid stock removal from chipped or badly damaged edges.

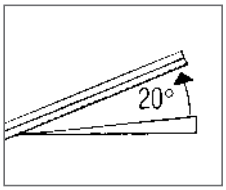
## Instructions

**Use water for lubrication, after use, rinse and store dry.**

1. Keep your knife with cutting edge away from you.



2. Apply some water to the stone surface. Hold blade 20° to diamond surface.




3. With little pressure and in long strokes push the blade across surface.
From edge heel to edge tip, alternately on both sides.
For pointed tools.
Use the unperforated diamond area.