

SHARPENING CARBIDE CUTTERS

Mpower lapping fluid and diamond sharpening stone

The Mpower diamond sharpening stone and lapping fluid work together to keep your carbide cutters sharp and precise. Used together, they also help prevent rust formation and improve cutting performance on any project.

Materials Required:

Mpower diamond sharpening stone – 300/600 grit

Mpower fully synthetic lapping fluid



Instructions for Sharpening:

- 1 Position the stone.** Hold the sharpening stone securely at the edge of a flat table or workbench to keep it stable.
- 2 Apply lapping fluid.** Spray the lapping fluid directly onto the 300-grit side of the diamond sharpening stone.
- 3 Position the cutter.** Place the carbide cutter flat on the stone with the cutting side facing down.
- 4 Begin sharpening.** Using very light pressure, press down gently with your finger and move the cutter in a circular motion. Allow the diamond stone to do the work.
- 5 Work until slurry forms.** Continue for 20–30 seconds. You'll notice a dark slurry begin to form — this is the metal being removed from the cutter.
- 6 Refine the edge.** Flip the stone to the 600-grit side and repeat the process: apply lapping fluid and move the cutter in a circular motion for another 10–15 seconds.
- 7 Clean and finish.** Wipe both the stone and the cutter with a damp cloth, then dry them thoroughly. Your cutter is now sharpened and ready to use!