

Forstner Bit Sharpening Kit

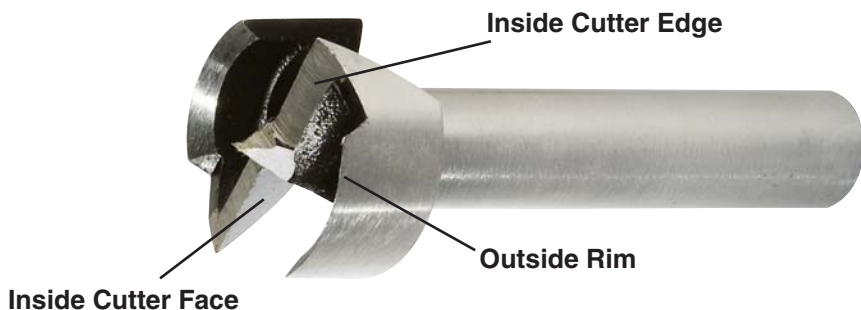


Fig. 1



Fig. 2

Setup

Before you start sharpening, we recommend making a simple bit-holding jig. Start with a piece of scrap wood about 3/4" x 3" x 7" long. Drill a hole the same size as the shank of your bit about 3/4" down from the end. Cut a kerf with your bandsaw or handsaw through the hole and down another 3-4 inches. When placed in your vise, this jig will let you loosen and tighten the bit quickly and easily.

Sharpening the Inside Cutters

1. Hone the faces. With the bit mounted in the holder, use the fine diamond flat stone in a stroking motion to hone both faces until they are flat and smooth. **Fig. 1.**
2. Sharpen the edges. Using the same stone, sharpen and hone the cutting edges to match the bit's original factory angle as shown in **Fig. 2.**

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Fig. 3

Sharpening the Outside Rims

1. Chuck the CeramCut™ stone in your drill press and set your speed to the slowest setting.
2. Rotate the bit around the stone, following the bit's original factory angle to create a sharp and accurate bevel on the inside of both rims. **Fig. 3.**
3. Remove the edge filings with the flat stone.

Note: The CeramCut™ stone can also be operated in a variety of high speed rotary tools. Always wear safety glasses when working with power tools.



Fig. 4

Sharpening Multi-Spur Bits

1. Sharpen the inside cutters exactly as you would a standard forstner bit (see front page for instructions).
2. Use the triangular file in a forward motion (towards the inside of the bit) to hone the backs of the teeth. **Fig. 4.**
3. Sharpen the face of each tooth by angling the file to match the factory grind and using nice, even strokes. **Fig. 5.**



Fig. 5