

Sharpening The Black Magic Disc

—IMPORTANT—

1. With the tool turned off practice seating the Sharpener into the fleshing disc. It's **VERY IMPORTANT** to keep the sharpening stone from touching the edge of the fleshing disc until you're ready.
2. CLEAN • DRY • LUBERCATE FLESHING DISC after each use.
3. Protect the edge of the disc during storage.



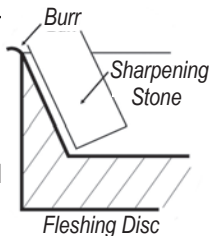
-1- First, set the speed control to the slowest setting.



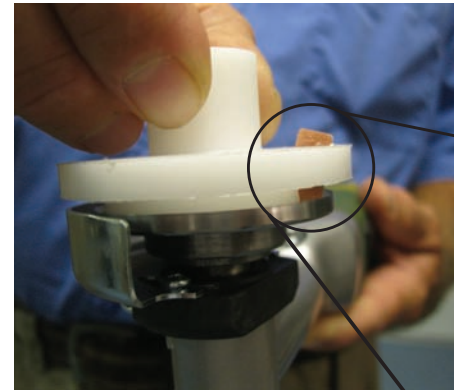
-2- Hold the tool in your hand with the fleshing disc facing up.



-3- Place the Sharpener into the fleshing disc. Avoid having the India Stone make contact with the edge until the Sharpener is fully seated into the fleshing disc. **DO NOT TOUCH THE STONE TO THE DISC EDGE UNTIL SHARPENENER IS CORRECTLY PLACED.**

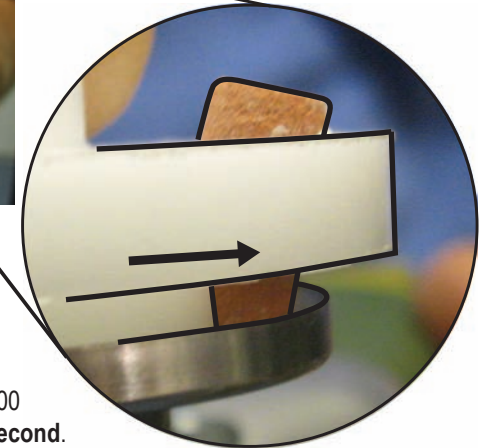


-4- The Sharpener has to be fully seated into the fleshing disc, flat against the metal. The holder is designed to give you enough room to fully seat the Sharpener and hold the India Stone off the fleshing disc edge. The Sharpener has to be perfectly flat so the India Stone will maintain the integrity of the 15° edge bevel.



SHARPENS IN AN INSTANT!

Press the sharpening stone against the disc for only a "nanosecond". The disc is spinning at 105 revolutions per second!

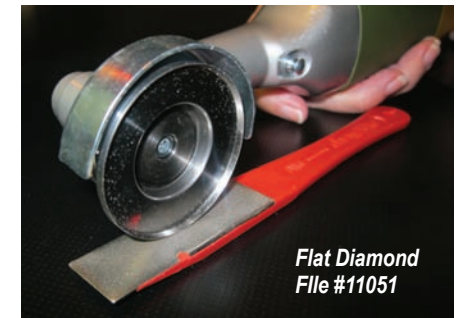


Move the stone into the disc edge.

-5- Now you're ready to grind the edge of the fleshing disc. Slide the sharpening stone into the disc edge using a light but firm touch. Press the sharpening stone against the disc for only an instant, a "nanosecond." The grinder on the slowest speed runs at 6,300 rpm which equates to **105 revolutions per second.** That means that you're getting a lot of contact even in just a "nanosecond". We want to cut the steel not create a lot of heat on the disc.



-6- Pull the Sharpener up and away from the fleshing disc. Turn off. Check for burrs.



Flat Diamond File #11051

-7- When you raise a burr, grind it off by laying the outside of the fleshing disc flat against an abrasive and swipe the burr off. It only takes a nanosecond. The back side of the disc must be perfectly flat against the abrasive or you'll round your edge. All you want to do is grind off the burr.

WARNING Handling, using and sharpening fleshing discs is inherently dangerous. King Arthur's Tools® can't be responsible for your safety. That's your job. Disc safety, especially during sharpening, is a matter of common sense. Keep your fingers, toes and everything else out of the path of the blade. Go slowly, pay attention and stay focused.



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