Chisel Mate Plus Sharpening System #LCMPLUS

Figure 1 Sanding Disc Parts & Assembly

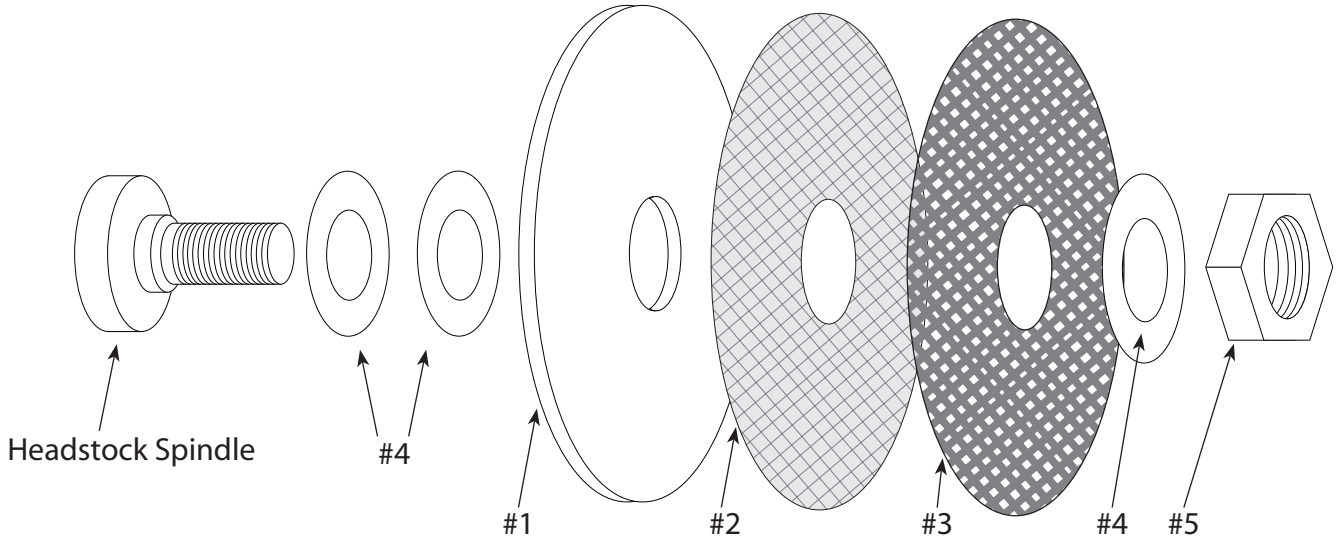
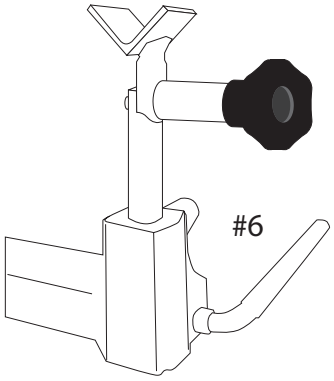


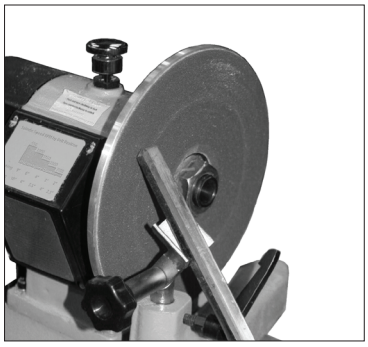
Figure 2



PARTS LIST

1. 8" Aluminum backing disc with a 1" hole
2. 8" Self adhesive hook and loop mounting pad
5. 1" x 8 tpi Spindle nut
4. 3 ea 1-3/4" Washers
3. 5 ea 80 grit disc, 8" dia with 2" Hole
6. Adjustable chisel guide toolrest

Figure 3



1. Apply the self adhesive hook and look mounting pad to the aluminum disc (if not already applied).
2. Adhere an 8" x 80 grit sanding disc to the aluminum disc.
3. Mount the components to the lathe head stock as shown in **Figure 1**.
4. Loosely tighten the spindle nut against the washers and aluminum disc. Spin the disc and adjust until you've positioned it to spin completely on center.
5. Insert chisel guide toolrest into toolrest hole **(FIG 2)**.
6. To sharpen your lathe chisels, adjust the chisel guide toolrest as necessary to support your chisel at the angle necessary to sharpen the bevel **(FIG 3)**.
7. Use your lathe at a slower speed (less than 1000 RPM) to avoid burning.
8. Move the toolrest up or down or in and out as necessary to sharpen on different areas of the sandpaper.
9. To change sandpaper, simply remove sandpaper from the aluminum disc and apply a new one.

Other Applications

The rotating sanding disc may be used for general sanding purposes. One use is to sand spindle stock at the end (i.e. for pen blank squaring). To do this, first square the toolrest support "V" to the sanding disc. Use a "square" or a known square block of wood to position the "V" perpendicular to the disc.