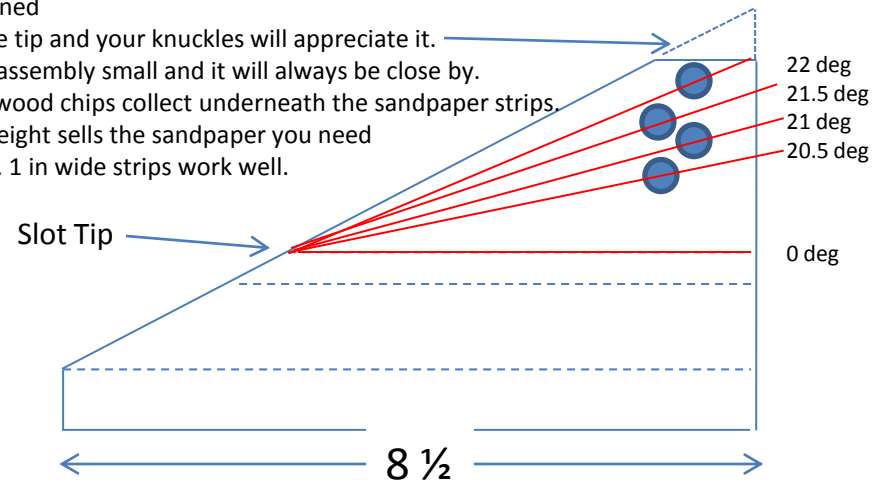


Critical Dimensions (in order of importance)

- 1) Angle of tool to sharpening surface:
Select an angle range that is appropriate for the type of carving you want to do.
- 2) Distance for the slot tip to the dowel:
The slot tip is a visual aid and if the dowel should be positioned close to the tool handle.
- 3) Diameter of the dowel:
A smaller diameter dowel allows you to more-easily achieve the first two critical dimensions
- 4) Width and depth of the slot:
Make the width of the slot slightly larger than the width of the plate plus two thickness of sandpaper plus one thickness of duct tape. A depth of $\frac{1}{4}$ in. works well.
- 5) Width and length of the plate
Sandpaper comes in various dimensions (6x6, 9x11). The plate should be less than the sandpaper width by enough to allow a fold on both ends. A longer plate is better.

Lesson Learned

- Cut off the tip and your knuckles will appreciate it.
- Keep the assembly small and it will always be close by.
- Don't let wood chips collect underneath the sandpaper strips.
- Harbor Freight sells the sandpaper you need at low cost. 1 in wide strips work well.



Wood Carving Tool Sharpening Jig