

How to Sharpen a Stanley #55 Hollow Spokeshave (Bevel-up Spokeshave).

Before sharpening flatten both sides of the iron or cutter and smooth the casting where the cutter touches the frame. This procedure works and is repeatable. I've used the process on my #60 spokeshave, as well. The Stanley #60 jig is pictured on the last slide.



Step 1. Concave spokeshaves are ground the same angle as the sole is to the frog. 45 degrees for this tool.



Step 2. Make a 45 degree wooden jig.



Step 3. Attach the iron to the jig and then install large drum spindle to your spindle sander or use a drill press.



Step 4. Grind the angle until the whole surface has been ground.



Step5. Profile the edge of a wide board and then glue on a piece of leather (Animal or epoxy glue) to it.



Step 6. Sand the edge 220-600 grit pulling backward on the abrasive paper. Finer abrasive paper can be used.



Step 7. Hone cutting edge until the entire surface is smooth to a mirror finish.



The 45 degree jig requires a screw on each side of the cutter. The clamping bar wear pattern on the cutter leads me to believe this is a bevel up cutter on the hollow side.