

Shoe Horn Kit & Back Scratcher Kit **CT-SH-G & CT-BS-G** INSTRUCTIONS



CT-SH-G



CT-BS-G

A. REQUIRED TOOLS AND ACCESSORIES

- 32 mm (1 1/4") blank
- 4-Prong drive centre
- Live centre
- Epoxy
- 11/32" or 9 mm drill bit
- Sanding and finishing supplies

B. PREPARING THE BLANKS

1. Select a blank approximately 32 mm (1 1/4") square. The length will depend on the desired final shoehorn length.
2. Layout the parts in the correct order and mark the centre of each end for the coupler and the drive centre.
3. Drilling the coupler hole. Ensure the surface is trimmed perpendicular to the coupler hole end of the blank and the hole is drilled parallel to the blank.
4. Drill a 11/32" hole, 22.2 mm (7/8") deep, in the centre of the coupler end of the blank.
5. After drilling the hole, apply some epoxy to the outside of the coupler and inside the hole. Then press the coupler into the hole.

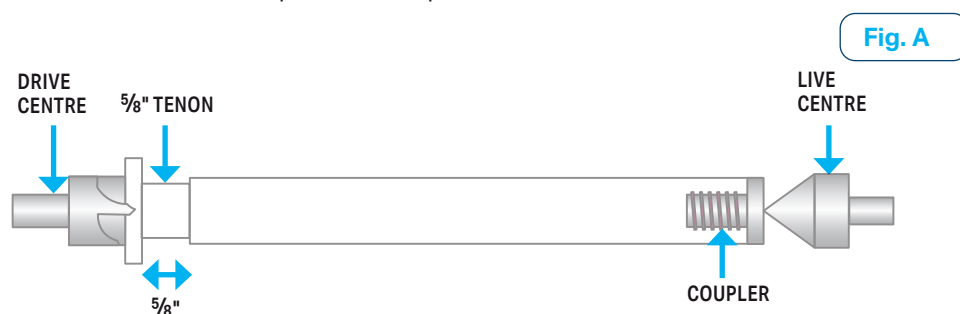
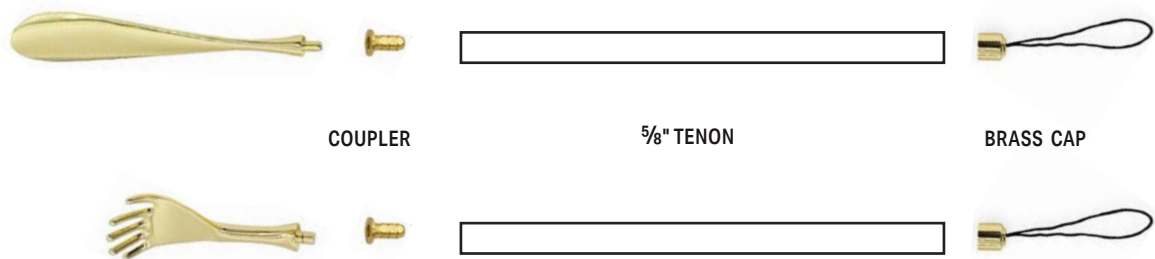


Fig. A

B. TURNING THE BLANKS

1. Mount the blank onto a lathe using a drive centre and a revolving live centre centred in the hole of the coupler, as shown in figure A.
2. Turn the blank down to the diameter of the shoe horn coupler end (37/64" or 15 mm). The surface should be flush with the coupler.
3. Cut a 16 mm (5/8") diameter x 16 mm (5/8") long tenon at the top of the blank for the brass cap to fit onto. Note that the outside diameter of the cap is 22 mm (55/64"). You may want to stop the lathe, remove the handle, test the fit of the cap, and confirm the look of your design.
4. Sand and apply finish to the handle.

Fig. B



C. ASSEMBLY

1. With the handle now finished, glue the cap onto the tenon with epoxy. Apply a little epoxy on the tenon and the inside of the cap and press them together. Make sure to wipe off any excess glue with a paper towel.
2. After the glue has set on the cap, screw the shoe horn into the coupler to complete the project.