

# Xiamen Rizheng Industry Co.,Ltd

## Back Scratcher Kits Assembly Instructions

### Required Accessories

- 1 1/4" x 1 1/4" x 14-16" blank
- 4-Prong Drive Center
- Revolving Center
- Sandpaper & finish
- Epoxy
- 11/32" Drill Bit  
(RZ-DB11/32 or RZ-RSDB11/32)



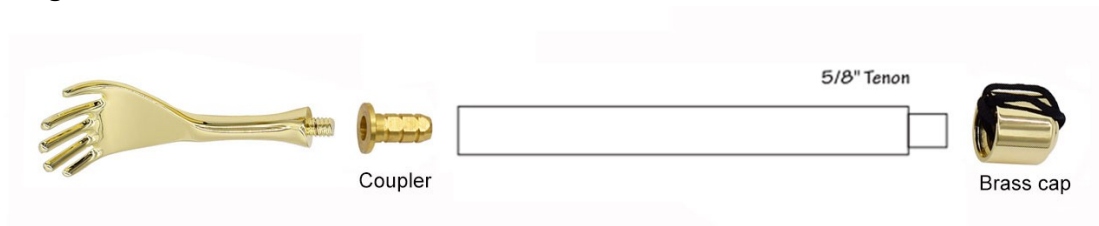
### Preparing the Blank

- Select a blank 1 1/4" x 1 1/4" x 14" to 16" long depending on the backscratcher length desired.
- Layout the parts in the correct order and mark the center of each end for the coupler and for the drive center.
- Drilling the Coupler Hole. Make sure the hole is drilled parallel to the blank and perpendicular to the end of the blank.
- Drill a 11/32" hole 7/8" deep in the coupler end of the blank.
- After the hole is properly drilled, apply some epoxy to the outside on the coupler and inside the hole and press it into the hole.

### Turning the Blank

- Mount the blank onto the lathe using a drive center and a revolving cone center, centered in the hole of the coupler, as show in the Diagram A.
- Turn the blank down to the match the diameter of the back scratcher coupler
- Cut a 5/8" dia. tenon by 5/8" long at the top of the blank for the brass cap to fit on to.  
Hint: you may want to stop the lathe and remove the handle and test the fit of cap and look at your design of the handle.
- Sand and finish the handle while the blank is still on the lathe

### Diagram A



**Assembly**

- With the handle now finished, glue the cap onto the 5/8" tenon with Epoxy.
- Wipe a little epoxy on the tenon and also the inside of the cap and press them together.

Make sure to wipe off any excess glue that squeezes out with a paper towel.

- After the glue has set on the cap, screw the backscratcher into the coupler to complete the project.