

## Wig Stand Instructions

The wig stand uses three pieces 2" thick wood: top about 5" diameter, base about 6" diameter, spindle about 12" long X 2" diameter

Other supplies: TiteBond glue, shellac or lacquer, optional supplies for embellishment (paint, woodburning, etc.) spray polyurethane as a final finish (4-5 coats)

### **Base and Top**

Follow these directions for both the base and the top.

1. Mount between centers.
2. Round the outside diameter.
3. Create a tenon at the correct size for your chuck (about 1/4" in height).  
(Include a dovetail as needed.)
4. On the rounded sides, label the pieces as 'base' or 'top' with a pencil. The tenon is at the top of each piece. The bottom will have a mortise which is made in the next steps.

### **Base** (approximately 6" in diameter)

1. Put the tenon in the chuck.
2. Flatten the bottom and add a shallow concave center.
3. Create a mortise in the bottom to fit your chuck (about 1/8 to 3/16" depth).  
Make sure the mortise bottom is flat. Make a dovetail as required for your chuck.
4. Shape the sides of the base, adding any feature elements (beads, coves, burned lines).
5. Sand the bottom and sides.
6. Recheck your mortise after sanding to make sure it is still the correct size.
7. Turn the base around and put the mortise into the chuck.
8. Turn the top surface of the base. A slight depression to hold jewelry is nice but not necessary. Maintain most of the height of the base.
9. Drill a hole with a 1" Forstner bit approximately 3/4" deep. Make sure the wood adjacent to the hole is flat so the spindle will sit flat against the wood.
10. Sand.
11. Sign the bottom of the base before applying finishes. (Name, PAW, Prescott, AZ, wood type)

### **Top** (approximately 5” in diameter)

1. Put the tenon in the chuck.
2. Flatten the bottom of the top piece. If you add a slight concave angle in the center, keep it shallow.
3. Create a mortise in the bottom to fit your chuck (about 1/8 to 3/16” depth). Make sure the mortise bottom is flat. Make a dovetail as required for your chuck.
4. Sand the bottom. Check that sanding doesn’t alter the size of the mortise.
5. Drill a hole with a 1” Forstner bit approximately 3/4” deep.
6. Turn the top around and place the mortise into the chuck.
7. Round the top into a mushroom shape.
8. Sand.

### **Spindle** (approximately 12-14” in length, 2” in diameter)

1. Mount between centers and round the spindle.
2. Measure the holes that were drilled in the top and base for depth. Mark a line on the spindle slightly less than the depth of those holes.
3. Turn each end of the spindle into a tenon to fit the 1” diameter of the holes. Make sure the sides of the tenon are parallel. Use a gauge to check the size while turning. Check the fit of each end with each part. Label each end as ‘top’ or ‘base’ on the ends of the spindle.
4. Design and turn the spindle with beads and/or coves as desired.
5. Sand the spindle but not the tenons (unless needed to fit into the holes).

### **Finishing**

1. Optional: Embellish with paint, woodburning, stain, or other techniques. It’s easier to embellish before constructing the wig stand.
2. Glue the top, spindle and base together with TiteBond glue. Avoid squeeze out of the glue. It’s easier to glue the top on first.
3. Seal with shellac or lacquer. Apply 4-5 coats of polyurethane as a final finish to seal the wood for health reasons. An easy method to apply wipe-on finish to most of the wig stand is to mount it on the lathe. Rotate at a slow speed for at least 10-15 minutes after applying it.