



Wig Stand Project

step-by-step guide

Cut the pieces

starting from a 8+" board,
rip, cut and shape the
pieces

1

Turn the top

using two 4" recesses, turn a
top piece – domed at the
top, including a mortise for
the stem

2

Turn the base

using a 2" recess, turn a
bottom piece – get creative
– add a mortise for the stem

3

Turn the stem

turn the stem piece – get
super creative! – but include
7/8th tenons on each end

4

Assemble

embellish and finish the
piece, but make sure the
finish is waterproof

5



Divide the work! There are many steps that can be completed at once assembly line style and shared with others. The order of steps 2, 3 and 4 is optional. In fact, if you turn the stem first, so you can dry fit the top and base and make adjustments.

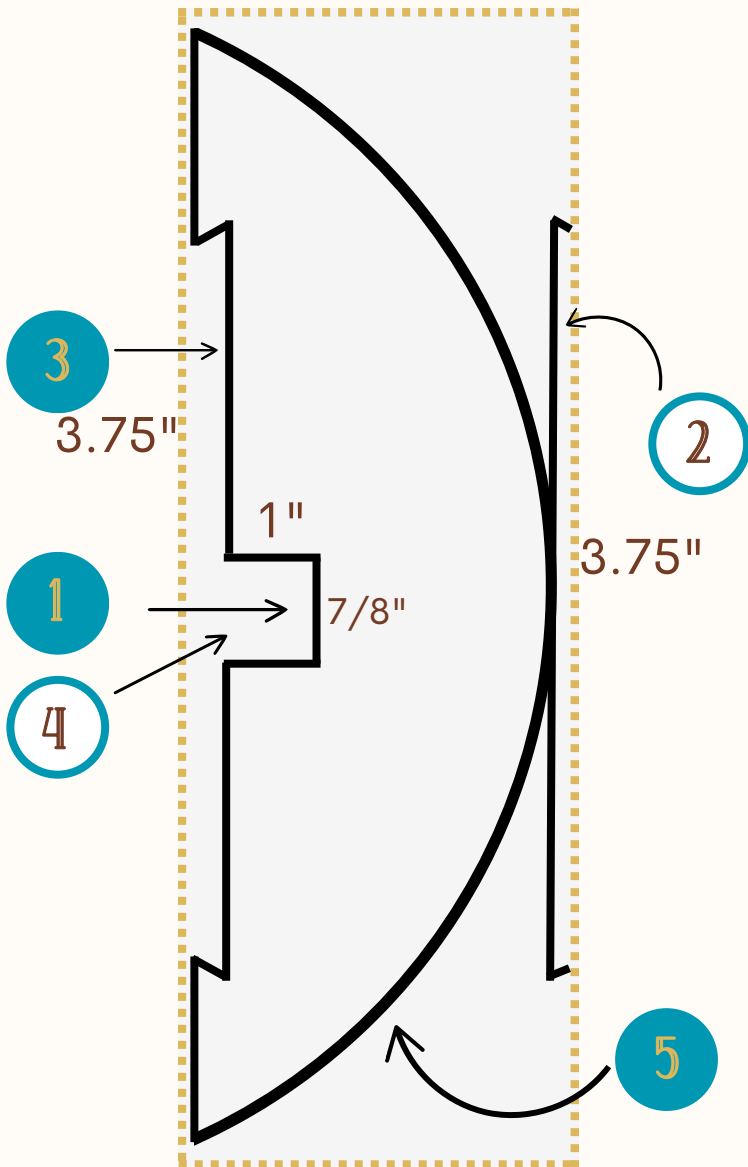
Pick the steps that you prefer. Have fun!



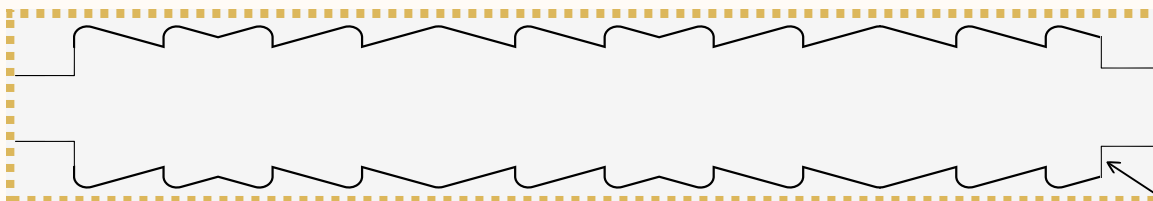
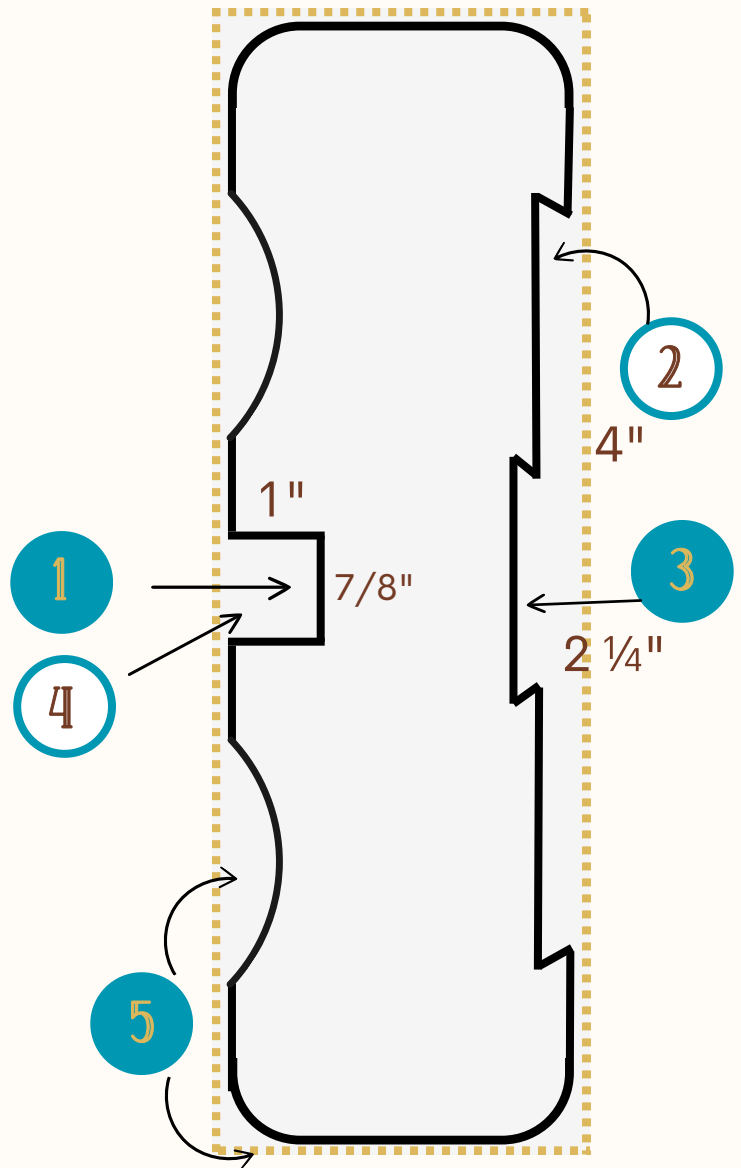
Wig Stand Project

Turning Overview

Top 6x6x2



Bottom 6x6x2



Stem 2x2x12"
Tenon is 7/8" x 7/8"

slight undercut



Wig Stand Project

Step 1 - cut the pieces

Mushroom top: between 4" and 5" diameter.
Base: between 5" and 6" diameter.
Stem: between 10" and 13"
Final Assembled height: between 13" and 15".

1



Rip a 2" strip

Starting with a 8+"x2" board, on the table saw, rip a 2" square strip

2



Rip a 6" strip

On the table saw, rip a 6" strip - for the mushroom top and base. Keep the extra strip for other projects!

3



Cut the stems to size

On the mitre saw, cut the 2" strip to 12" lengths

4

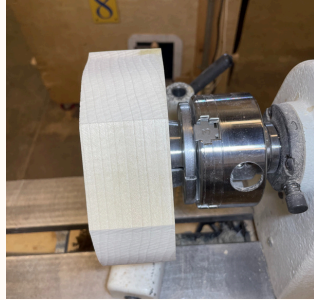


Cut the top/bases to size

On the mitre saw, cut the 6" strip to 6" lengths. Round the square corners on the band saw.

Step 2 - turn the top

1



Set blank in the screw chuck

Drill hole in the blank. Set the screw chuck in the chuck, set blank in the screw chuck flush on the chuck.

2



Create recess for the 4" chuck

Mark 3.75" with a caliper, use parting tool to create a channel. Test the fit before flipping!

3



Flip piece and prep, make another 3.75" recess

Flip and set on the 4" chuck, use the bowl gouge to round the outside of the blank. Mark with caliper, use parting tool to create the recess. Use the bowl gouge to smooth flat.

4



Make mortise for stem

Use 7/8" forstner bit on a jacobs chuck and drill for 1" depth. Bottom is complete - Sand!

5



Turn the mushroom top

Flip and place on 4" chuck, use the bowl gouge to shape the top, smooth with skew. Done - Sand!

Step 3 - turn the base

1



Set in chuck and prep

Drill hole on the blank. Set screw chuck in the chuck. Set blank in screw chuck. Smooth the outside of the blank with the bowl gouge.

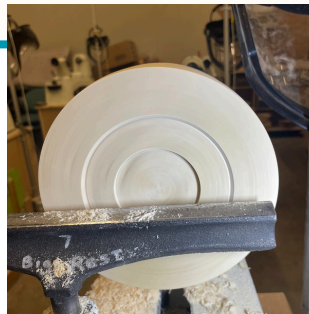
2



Create a 4" area for foot

Mark 4" with a caliper, use parting tool to create a channel then smooth inside area completely.

3



Refine the foot, create a small recess

Refine the 4" edge - this is the inside edge of the foot (bottom of base.) Mark and create a small recess (2 1/4") - to set on the regular chuck. Bottom of the base is complete - Sand!

4



Flip and make mortise for stem

Flip and place on the regular chuck. Use 7/8" forstner bit on a jacobs chuck and drill for 1" depth. This is the top of the base.

5

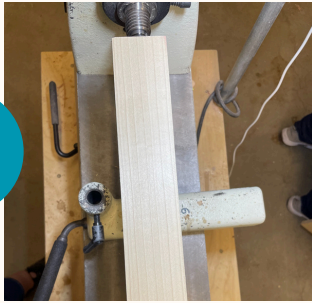


Finish the top of base

Round the edge and use the bowl gouge to create a channel for pins. But be creative, make it your own.

Step 4 - turn the stem

1



Prep the spindle

Place between live center and spur drive, round using rough spindle gouge.

2



Create tenons

Turn and form tenons on each end. Tenons are 7/8" thick and final length will be approx. 3/4"

3



Turn the stem

Have fun! Undercut the ends so the stem sits squarely onto the top and base

Step 5 - finish and assemble

1



Decorate the pieces, assemble

Have fun - decorate with paint, stains, etc. Glue the pieces to assemble

2



Apply finish

The stand must be finished with Polyurethane to protect against moisture. Offgas for 30 days.