

Bottom Hollowing

Why

1. To hollow a piece that would be difficult to hollow from the top
2. To create a piece with a long, narrow top that would be impossible to hollow from the top
3. To create artistic forms

Technique

1. Start between centers using a Oneway Big Bite chuck spur
2. Use a large Easy Rougher tool with a Lexan chip deflector to knock off the bark and create a rough shape, then turn a shape, but leave the top fairly large
3. Turn a tenon on both ends
4. Grip the top in a chuck and place in a steady which is positioned at the bottom
5. Allow 1-2 inches length on the bottom for the plug
6. Mark the junction of the bottom and the part to be cut off so that you can match the grain when you plug the bottom
7. Hold the top tenon in a chuck and cut off 1-2 inches of the bottom beyond the tenon
8. Hollow out the bottom portion, and make a tapered 10 degree entry hole for the plug
9. Cut a taper on the plug to fit the hole in the bottom
10. Glue in the plug, then grip the bottom tenon in a chuck and turn around
11. Taper the top portion
12. Place the long top portion in a spindle steady
13. Finish the top portion and drill a hole in the top with a long drill bit
14. Reverse and turn off the bottom tenon