

Vice President's Challenge

The challenge will be the making of a stool with three legs and will run over a period of four months.

This project can be completed on a mini lathe. The material and design will be turner's choice with some requirements.

Session one: We will cover figure 1 of attached dwg. It will consist of turning three identical spindles, 10" long x 1-1/2" dia. at largest point.

Requirements:

Tenon on one end of each spindle $\frac{3}{4}$ " long x $\frac{3}{4}$ " dia.

Cylinder 2" long x 1-1/2" dia. 6" from tenon end to center of cylinder. (See fig. 1 for details)

At least 1 bead, 1 cove and two Vee cuts each spindle.

Sand Spindles but do not finish at this time.

Session two: Cover figure 2 of attached dwg.

Three identical spindles 8" long designed to complement the three spindles made in session one. Each of the 8" spindles must have a tenon on each end $\frac{3}{4}$ " long x $\frac{3}{4}$ " dia.

Session three: Cover figure three. Make a disc for the seat 8-3/4" dia. x 1-1/2" thick.

Cut a groove to accommodate internal chucking 2" dia. x 1/8" deep. Mark center on disc both sides.

Session four: Drill holes and assemble at Saturday hands on. Lay out circle on bottom of stool 6" dia. Mark and drill holes 120 degrees apart x 3/4" deep. Drill holes at 10 degree angle in seat so that legs extend towards outside of seat.

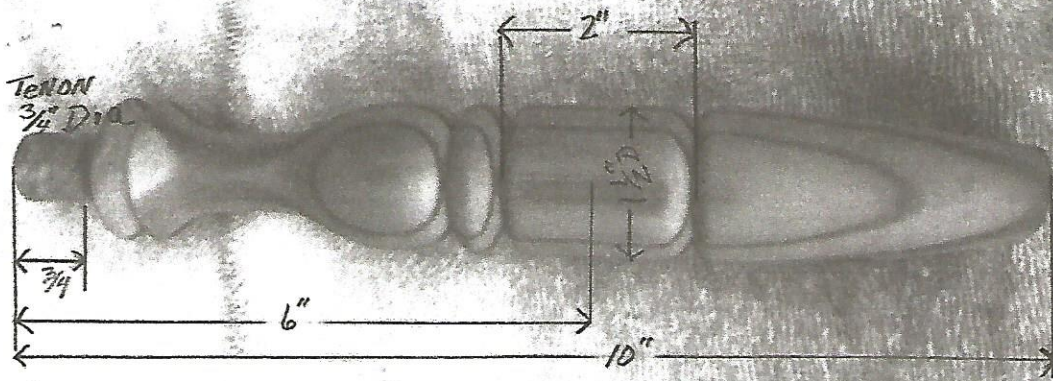


Figure 1

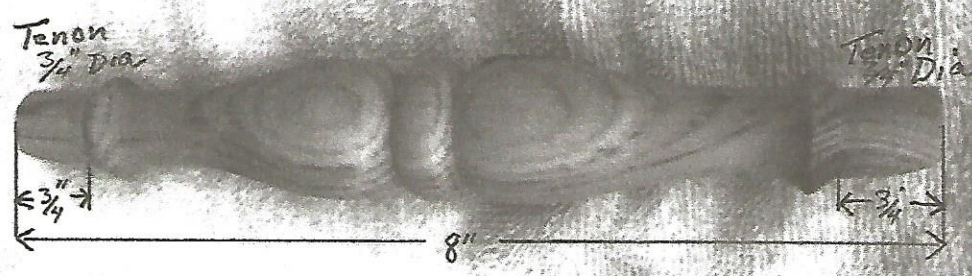


Figure 2

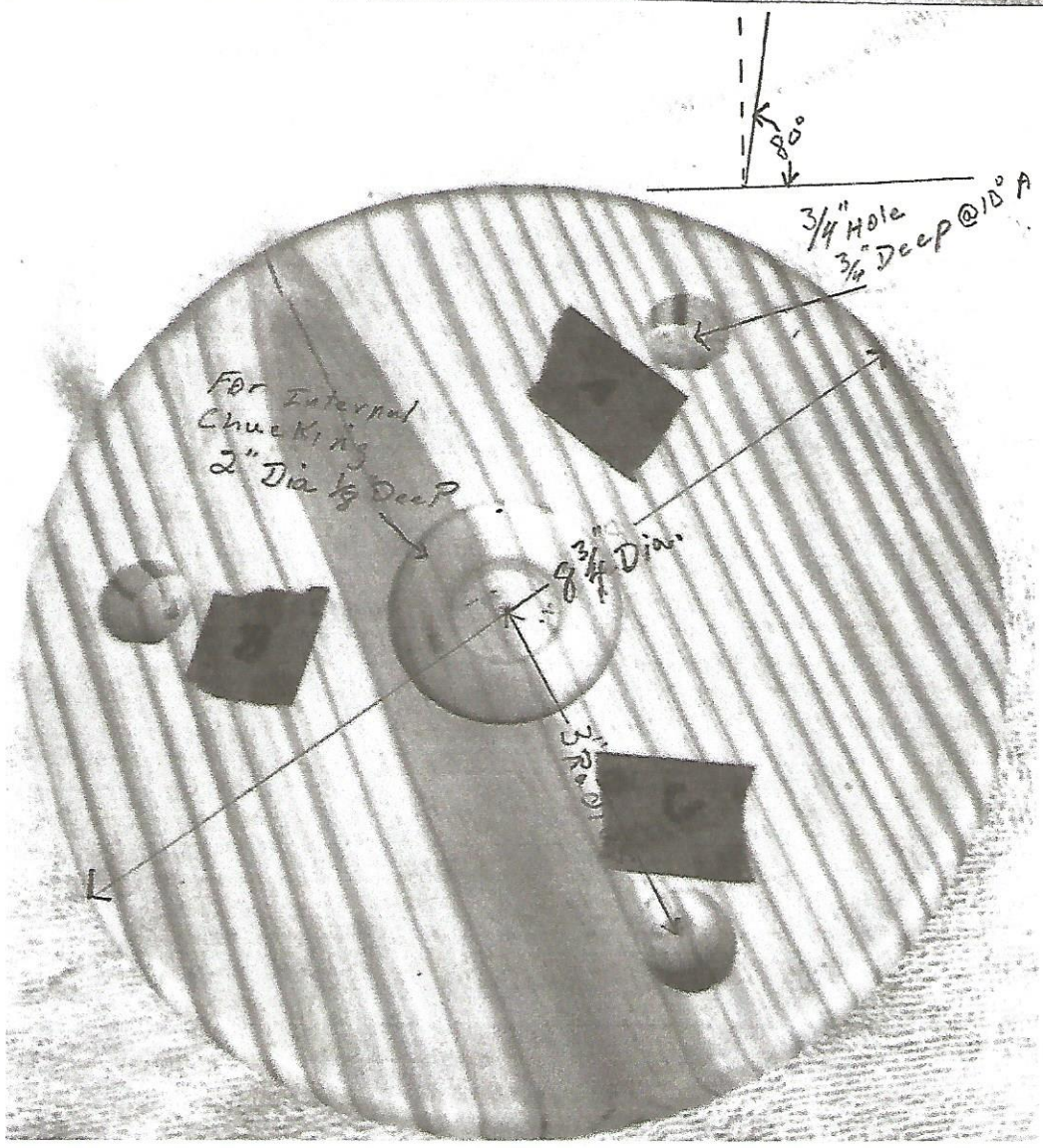


Figure 3