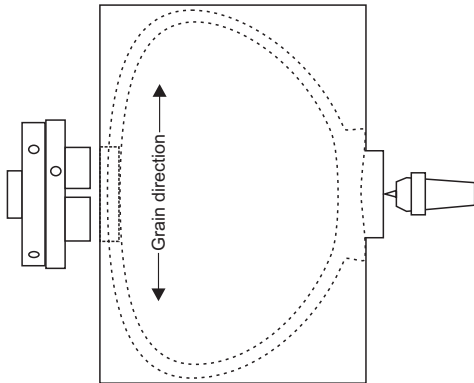


Hollow Form - Cross-grain

This is a hollow form which will be shorter than it is wide. Cutting this from end-grain wood would make it weak in the top and bottom. It is therefore cut cross-grain.

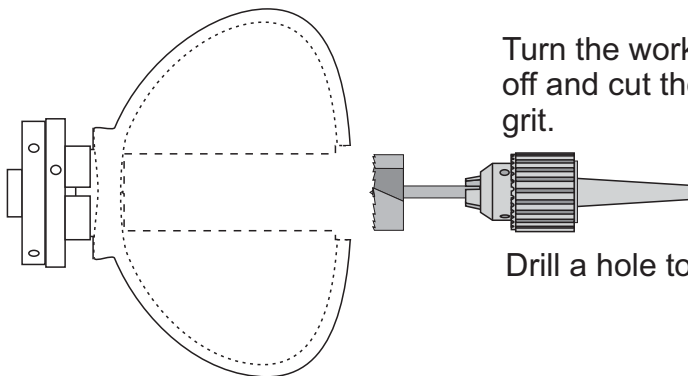
Start with wood about 200 x 200 x 150 with the grain along one of the longer dimensions.



The finished design of this vessel may define how you mount it on the lathe to start the work. If the opening on the top is to be large enough you can drill a hole to take a chuck in expansion mode. If you plan to use a large chuck to hold the work then the foot of the vessel may use part of that spigot.

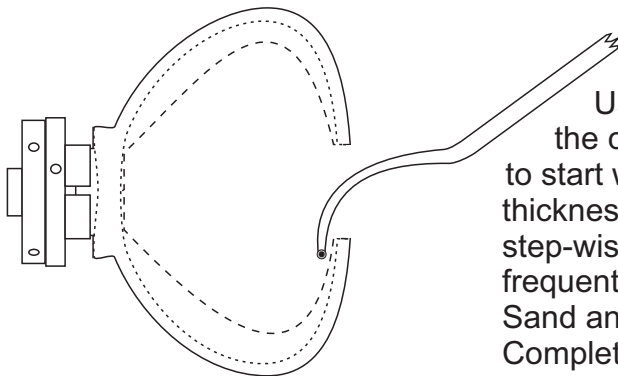
Mount the wood on the lathe. Cut a spigot on the base of the planned vessel.

You may round the wood off and cut the curve of the underside. Sand this to a medium grit.



Turn the work over and mount it in the chuck. Round it off and cut the outside to shape. Sand this to a medium grit.

Drill a hole to the planned depth of the hollowing.

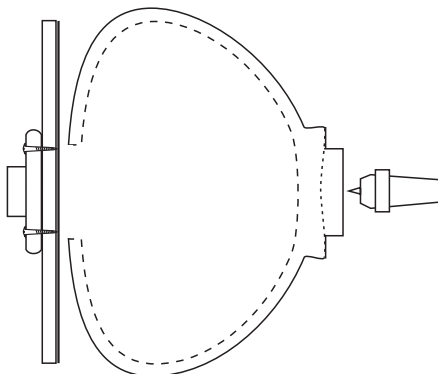


Use a hooked hollowing tool. Start by making the cavity generally bigger but keep the walls thick to start with. Then start cutting the walls to the planned thickness near the opening of the vessel and work step-wise around the inside. Measure wall thickness frequently using figure 8 calipers.

Sand and finish the inside.

Complete sanding and finish the outside.

Take it off the chuck.



Turn the vessel over and press it to a foam faceplate, put it to a vacuum chuck, or mount it on a jam chuck. Clean, sand and finish the bottom.

