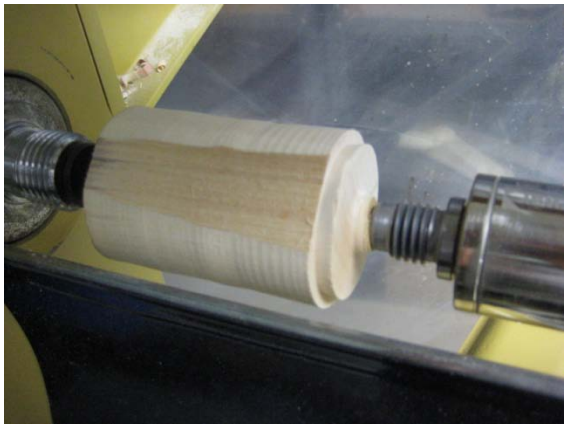
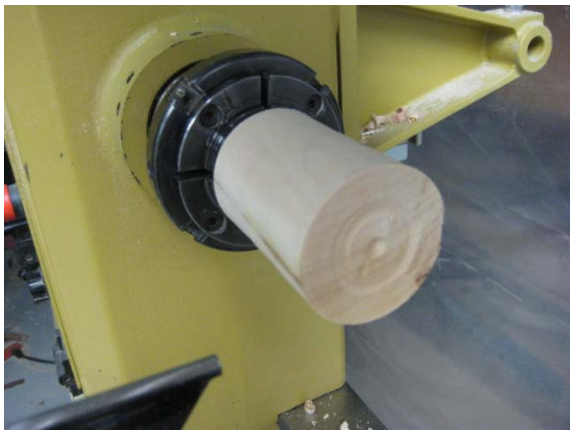
- Start with a 2” x 2” x 3 ½” long billet. I used Maple.

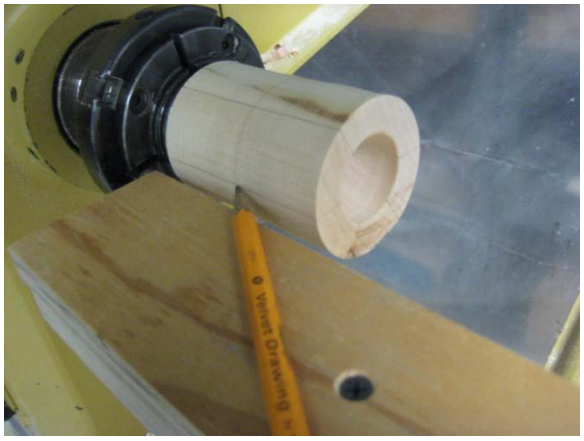


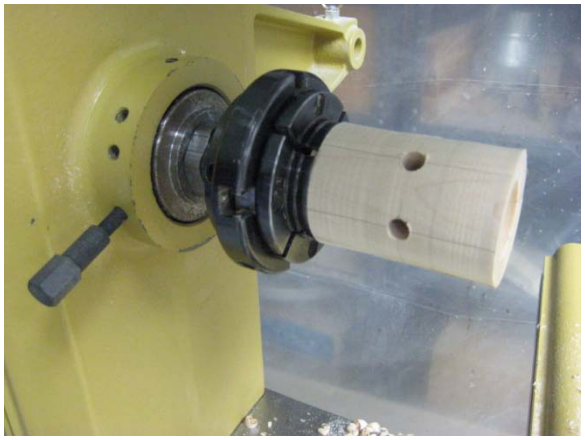
- Turn the corners off so that the diameter is 2”-2 1/8”. Face the end flat and make the dovetail 1 7/8” diameter by 3 /16” long or make a spigot to fit your chuck.

- Mount in the pot chuck in the chuck. True up and bring the diameter to 2”. Face the end flat.



- Turn a dimple in the center to help start the drill.





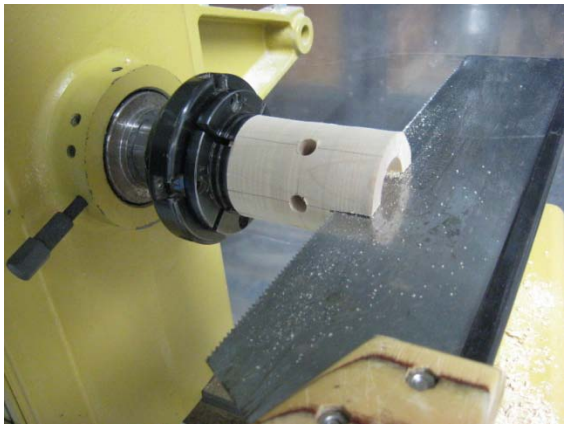
- Drill a 3/8” or so hole all the way through, I used a 25/64” drill. This hole allows for the contraction of the fingers we’ll make later and also for a dowel to push out the scoop if it’s tight.

- Next I make the bowl to fit the scoop. Use a spindle gouge for this. In this case the diameter is 1 ¼”. This diameter should be achieved at 1/8” to the left of the face, at the lip the diameter should be a little smaller so the scoop will snap into the pot. I measure 1/64” change in diameter. The depth of the pot should be ¾”. I measured these diameters with the old fashioned spring loaded inside calipers and then I used a scale to get these numbers.

- Next I would reduce the body diameter to 1 ¾” by 1 ¾” long per photo number nine. Also measure ½” and 1 1/8” to the left of the face. I reduced this area between the lines about as deep as the band of the hose clamp.

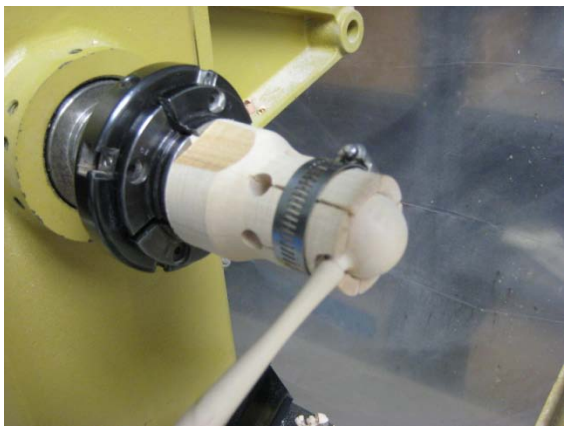
- Now mark a line 1 ½” to the left of the face for the side holes. Using the indexer and the platform in photo number seven I laid out the six lines for the hole intersections and the saw lines. Run these across the face as well.

- I steadied the spindle with the indexer and drilled the 3/8” diameter side holes free hand then sawed the slots through to the holes.



- So that I could put the pot chuck into the scroll chuck the same way each time I marked the number one jaw.

- Most of the waste for the handle slot could be removed with the drill if you think to do it before the slots are sawed, but I whittled mine out with a thin bladed carving knife.



- Here’s the pot chuck complete with hose clamp and scoop, ready to start turning.