## **Ornament Globes**

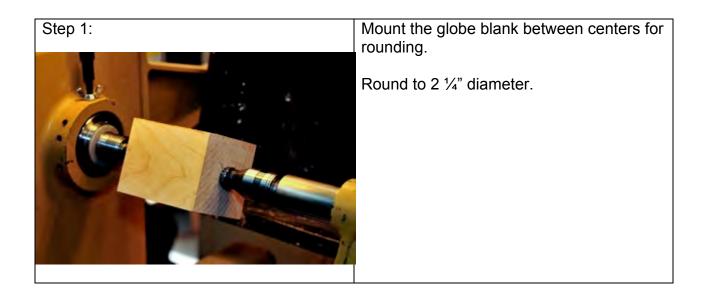
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## Supplies needed:

Globe blank 2 <sup>1</sup>/<sub>2</sub>" square and 3" long Icicle and cap blank (contrasting color) 1" square and 7"-12" long Epoxy glue Small eyes

## Tools needed:

Pencil Ruler Center finder Spindle drive Live center in the tail stock 4 jaw chuck (extended jaws are helpful) Roughing gouge Spindle gouge (or skew, bowl gouge, whatever your choice for rounding beads) <sup>1</sup>/<sub>4</sub>" parting tool 1/16" parting tool 3/8" drill bit (forstner bit is best) 2 ¼" gauge 1 3/8" gauge Depth gauge Sand paper grits through as fine a finish as you like Finish of choice (which you will do later at home)

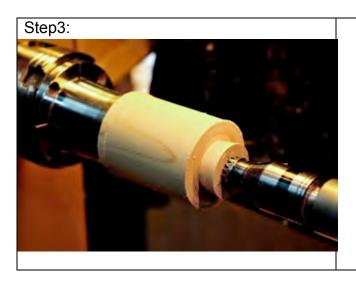


Step 2:

Turn a chuck compression tenon with a  $5^{\circ}$  dovetail taper.

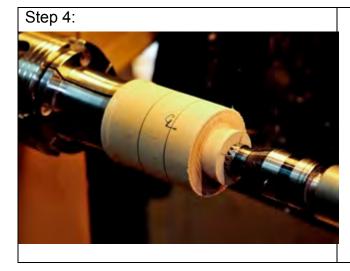
Reverse the blank, mounted in a duckbill chuck (if you have one).

Turn the round.



Turn a  $\frac{1}{2}$ " wide 5° dovetail tenon on the free end. It is 1 3/8" diameter. Use the 1 3/8" tenon jig.

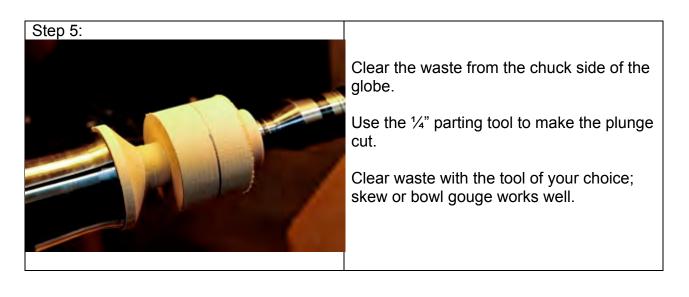
This will become the plug.



Mark off the 1 ¾" globe height.

The CL (center line) is 7/8" from the tail stock end of the blank.

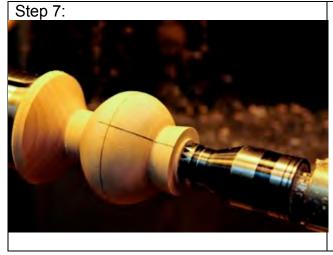
Mark off 7/8" on the other side of the CL.





Roll a bead on either side of the CL.

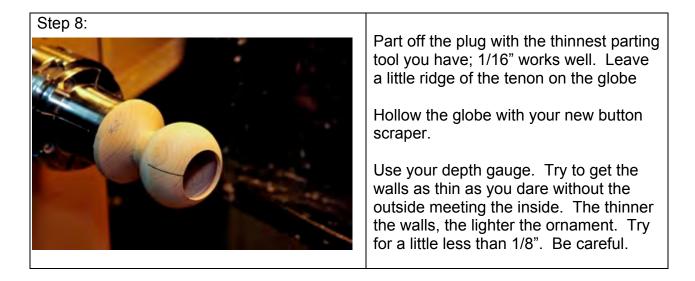
Use the bead gauge for symmetry.



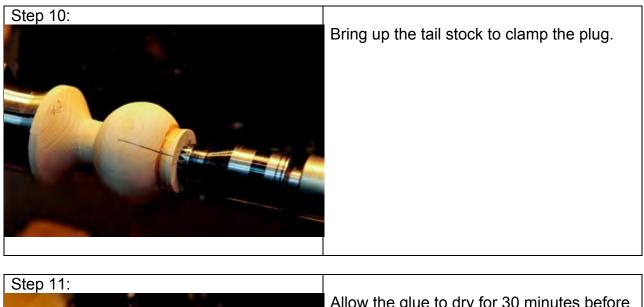
Re-mark the CL of the globe.

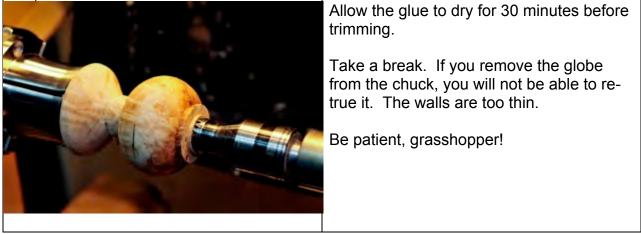
Using the ruler, make a horizontal aligning mark from the globe onto the plug.

Do NOT sand either the globe or the plug at this point. You need those marks!



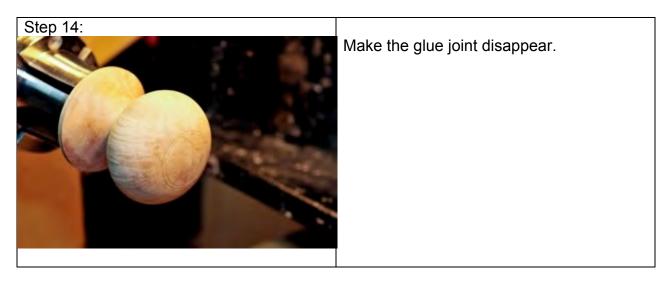


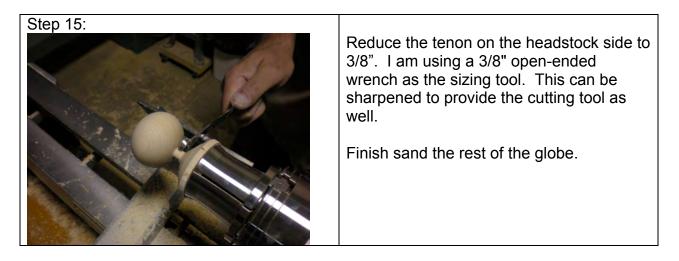














Step 17:	Drill the 3/8" hole through the globe. By using a forstner bit you get a clean hole through the globe with a controlled feed. The globe is "self parting" and sits on the drill bit when it comes free.
Step 18:	Clean up exit hole. I used a multi spur counter sink to clean up the fuzz and provide a slight chamfer.