

and not angled. Remove the ring from the chuck and cut out the 6" circle drawn in Step 1 using a bandsaw or jigsaw. You should now have a 6" diameter ring with a 4" hole offset by $\frac{1}{2}$ ". Save the ring and discard the cutout (Figure 4).

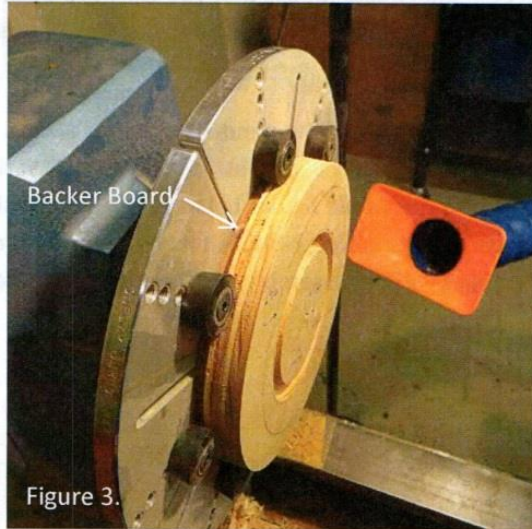


Figure 3.

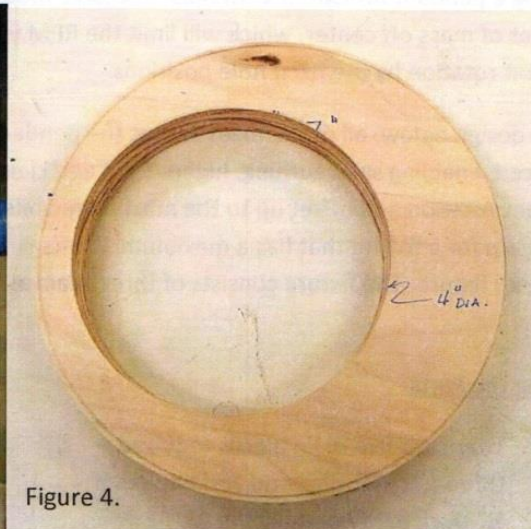


Figure 4.

4. Cut out a round glue block and drill a small hole through the center, making sure the hole is perpendicular. Select a good hard wood for the glue block so it will stand up to multiple mountings in your chuck. Mount between centers using the center hole and turn a tenon on one side to fit your chuck. Mount the tenon in the chuck, flatten the glue face and mark jaw #1 so you can remount it the same way each time. Cut out a second 6" diameter circle from $\frac{3}{4}$ " plywood using a bandsaw or jigsaw. Drill a small hole through the center to mark the center on both sides. Use a drill press or make sure the hole is perfectly perpendicular. With the glue block mounted in the chuck, glue the 6" plywood circle to the glue block using the tailstock live center in the small hole to position it and apply pressure. Next, glue the previously prepared 6" ring with the 4" offset hole to the existing 6" circle, aligning the edges as closely as possible. Use a piece of scrap wood and the tailstock to hold it in place while it dries. When dry, apply thin CA to the outer edges of both 6" circles and true them up. You should now have an assembly that is approximately 6" in diameter and approximately $1\frac{1}{2}$ " thick with a chuck tenon on one side and a 4" diameter hole $\frac{3}{4}$ " deep offset $\frac{1}{2}$ " on the other side. See Figures 5 and 6. **This is the offset assembly.**