

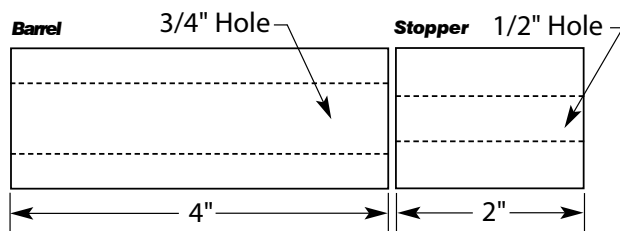
Turning a JC Closed Reed Game Call

Supplies Needed

- 1 1/2" x 1 1/2" x 6" Blank
- JC Game Call
- 3/4" WoodMaster Mandrel
- 1/2" WoodMaster Mandrel
- Sandpaper/Finish
- Drill or Drill Press
- Eye and Ear Protection
- 1/2" Drill Bit
- 3/4" Drill Bit

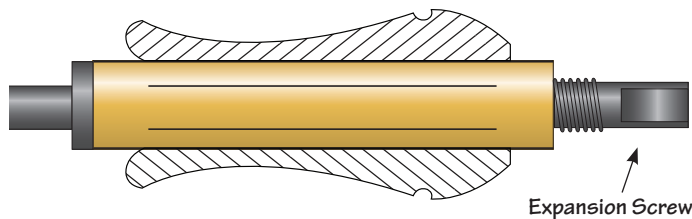
Wood Preparation

1. Select a blank 1-1/2" x 1-1/2" x 6".
2. Cut the blank to the sizes listed below.
3. Mark and drill the blanks as shown below. 3/4" diameter hole for the barrel. 1/2" diameter hole for the stopper.



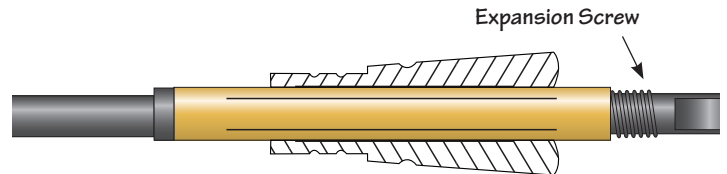
Turning the Barrel

1. Mount the 3/4" WoodMaster mandrel into a drill chuck or collet chuck.
2. Slide the blank onto the mandrel and tighten the expansion screw so the blank will not slip while turning.
3. Turn the blank to the desired shape. Note: make a 3/16" wide groove for the lanyard if so desired.
4. Sand all exposed surfaces of the barrel.
5. Apply a durable, water resistant finish to the barrel.



Turning the Stopper

1. Mount the 1/2" WoodMaster mandrel into a drill chuck or collet chuck.
2. Slide the blank onto the mandrel and tighten the expansion screw so the blank will not slip while turning. **Do not overtighten.**
3. Turn a 3/4" dia. tenon that will fit into the barrel. Use a set of calipers to size the tenon. Test the fit of the stopper tenon by stopping the lathe, and sliding the barrel over the end of the mandrel and onto the stopper tenon. This step may need to be repeated several times. **Do not to remove the stopper from the mandrel, as this will alter the alignment.**
4. Cut two grooves in the tenon using the point of a skew to accept the o-rings. The o-rings should be slightly proud of the tenon and no larger or this will cause fitment issues.
5. Sand and finish all exposed surfaces of the turned stopper.
6. Apply a durable, water resistant finish to the stopper.



Assembly

1. Install the o-rings into the grooves cut on the stopper.
2. Insert the reed into the rubber bushing.
3. Insert the reed assembly tapered end first into the stopper.
4. Complete the call by assembling the stopper and the barrel.

