

william wood-write

Duck call instructions



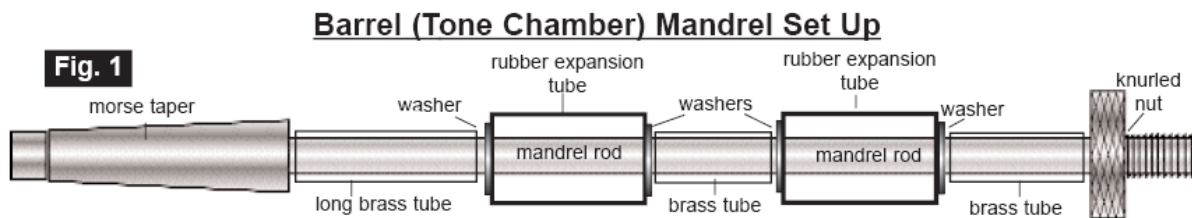
Needed:

Game calls consist of two parts – a barrel and a stopper.

Barrel: wood 1 ½" square X 4" long and a ¾" drill;
Stopper: wood 1 ½" square X 2" long and a 31/64" drill;

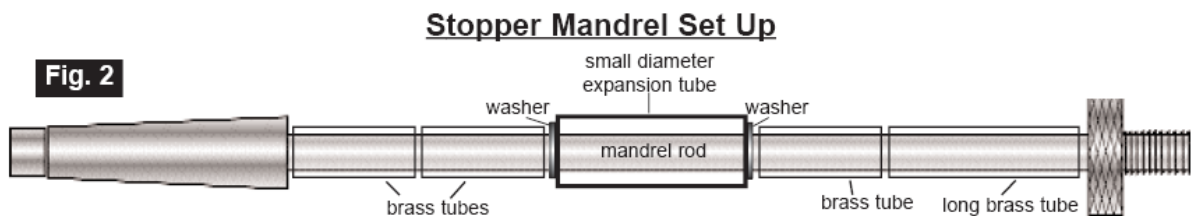
Mandrel A, call turning kit, duck call reed assembly kit

Turning the barrel



1. Drill your blank (1 ½" square x 4" long) lengthwise with ¾" drill bit.
2. Load large ¾" OD rubber expansion bushings, metal bushings, washers and brass tubes as shown above.
3. If possible, remove the corners of the blanks to make it easier to turn.
4. Place the large pre-drilled barrel on the mandrel and center it over the bushings. Tighten the knurled nut until the blank rests firmly on the rubber expansion bushings. As some A / 7 mm mandrels vary in length, you may need some extra bushings.
5. Ensure your live centre is properly placed in the end of the mandrel.
6. Turn and finish as desired. Calls come in many different designs, so feel free to let your creativity get to work!
7. If the call is to be used with a lanyard, cut a small cove or groove approximately 3/16" deep for the cord to rest in.
8. Round over the openings on each end of the barrel – the mouth end for comfort and the stopper end for easy insertion into the stopper.

Turning the stopper



1. Drill your blank (1 ½" square x 2" long) lengthwise with 31/64" drill bit.
2. Load bushings, brass tubes, washers and ½" rubber expansion bushing onto mandrel as shown above.
3. Following the grain of the wood, place the short blank onto the mandrel so that the insert portion of the stopper will be turned on the tail stock end. Center it over the rubber expansion bushings. Tighten the knurled nut so that the blank does not slide.

4. Turn as with the barrel. Ensure the stopper insert points toward the tailstock.
5. The inside end of the stopper must be turned down to a diameter that will fit inside the core of the barrel. Using your metal taper gauge, turn the end to be inserted to a point where the gauge just fits over the wood. This will be slightly over size.
6. Carefully sand the stopper down to the point where it fits perfectly into the barrel. You will need to remove the brass nut from the mandrel and slide the completed barrel onto the stopper insert a few times to get the ideal fit. Do not remove the stopper – it will alter your alignment.
7. To fit the expansion tube, cut back side of the stopper down to 7/8" and sand. Use the rubber O-ring included to make a perfect fit.
8. Sand and use finish of your choice.

Assembly

1. Place round end of reed assembly into the insert end of the stopper. The shoulder of the call should stick out from the stopper.
2. Insert completed stopper into the barrel – you're done!
3. If your call doesn't sound properly, remove the reed and turn it over so that what was next to the tone board is now away from the tone board.