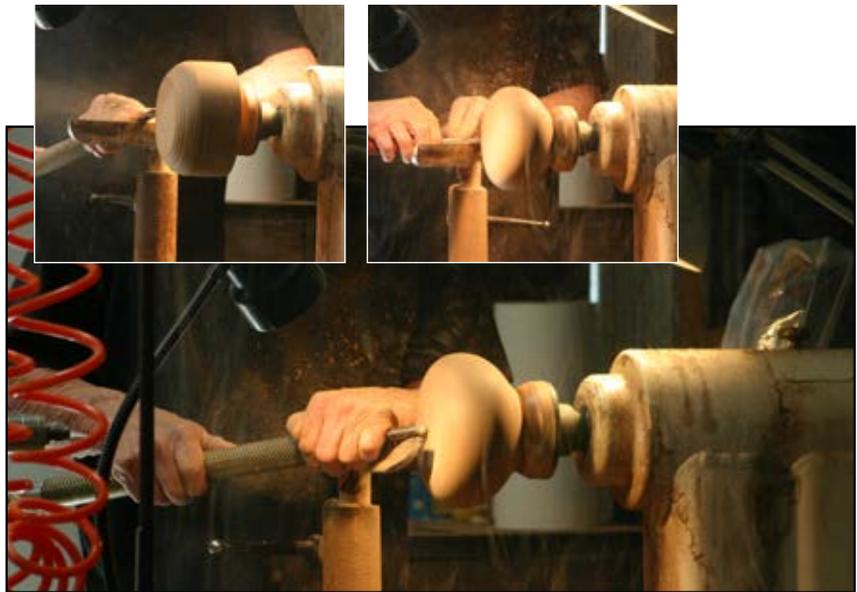


March How-To: Lidded Bowl

Demonstration by Martin Littleton



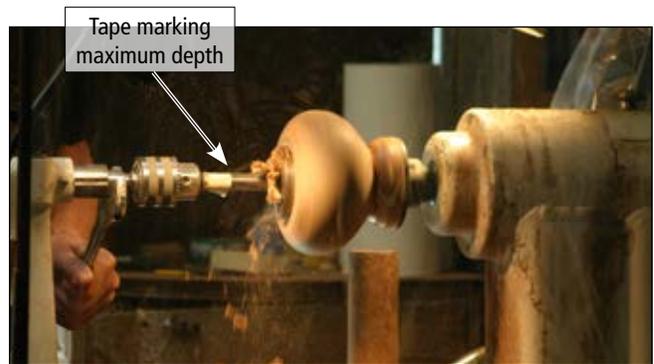
Step 1: Cut off the box top from the overall blank. Use a band saw before the blank is mounted to the lathe, or use a parting tool if mounted on the lathe. You will also need a separate finial blank, which can be a contrasting wood (see Step 11.)



Step 2: Mount the bowl blank to the lathe. Using a waste block, you can use a faceplate to mount the bowl blank so you can leave the tail stock out of the way. Turn the outside of the bowl to the desired shape.



Step 3: Mark the diameter of the box opening with a pencil.



Step 4: Measure the desired depth of the bowl; place tape on the arm of a forstner bit to mark the maximum drilling depth. Use the forstner bit in a drill chuck on the tail stock to core out the bowl interior; do not drill past the tape mark on the arm of the bit.



Step 5: Use hollowing tools to complete the inside of the bowl.



Step 6: Mount the lid blank on the lathe. Use turning tools to smooth and balance the inside of the lid blank. The lid blank should also be mounted to a waste block.



Step 7: Mark the bevel diameter (the same as the opening in the bowl bottom) with a pencil.



Step 8: Cut the bevel into the bottom of the lid. This should match the opening that you left in the top of the bowl. Tip — Test fit the bowl bottom to the bevel cut in the top (shown above right) or use calipers to measure the bevel against the opening.



Step 9: Finish the inside of the lid as desired — add some curving should be applied so the inside of the bowl lid matches the contour you will create on the outside of the lid.

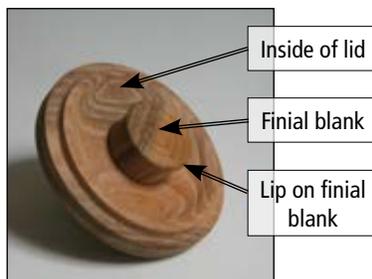


Step 10: Turn the outer edge of the lid to the finished size.



Step 11: (To create a “through finial”) Using a forstner bit, drill a hole into the lid. The hole should be the same diameter as the blank for the finial.

Step 11b: The finial blank should be the same diameter as the hole you drill in the lid. Include a lip on the bottom of the finial so it catches when you insert the finial into the lid. For longevity, use epoxy to attach the finial to the lid.



Step 12: Mount the bowl blank back onto the lathe. Place the lid on the bowl and turn the lid outside and finial blank to the desired shape. You can use the tail stock to hold the finial/lid in place, or tape the lid to the bowl in place and finish the piece.