

January How-To: Three-Cornered Bowl

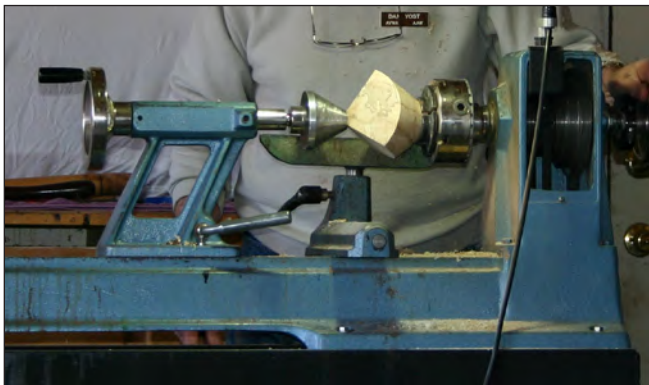
Demonstration by Dan Yost



Step 1: Mount a perfectly square cube between the lathe headstock and tailstock. Make sure the starting block is exactly square, or the three corners will not be equal.



Step 2: Turn the outside shape of the bowl nearest to the headstock. Cut a tenon for mounting in a chuck.



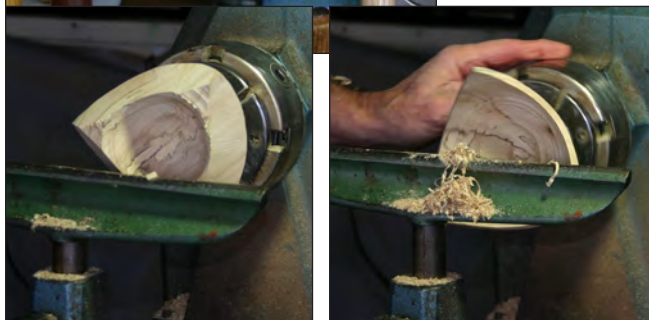
Step 3: Mount the block in a chuck using the tenon from Step 2. Use a live center (without the point) in the tailstock to support the outer point.



Step 4: Check the runout (the distance between each corner and the tool rest). The distance should be equal for each of the three corners.



Step 5: Pull back the tailstock, turn off the outside corner, then core out the inside of the bowl as normal.



Final notes: If you plan to work on the same again later, do not remove the piece from the chuck.

