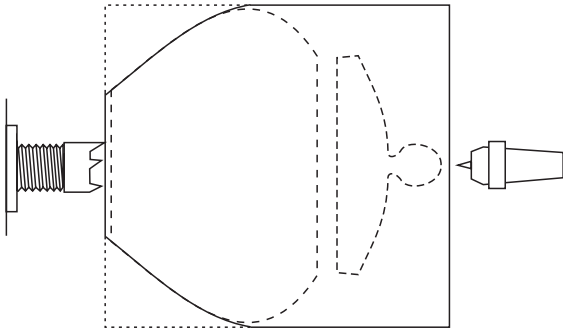
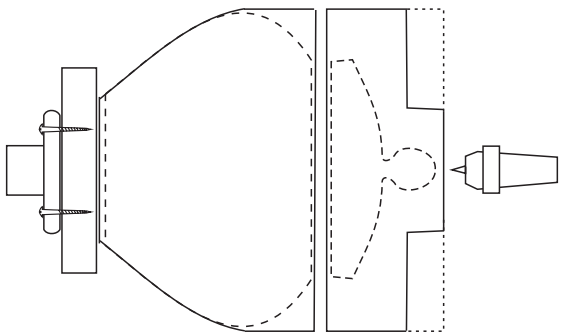


Cross-grain Lidded Box

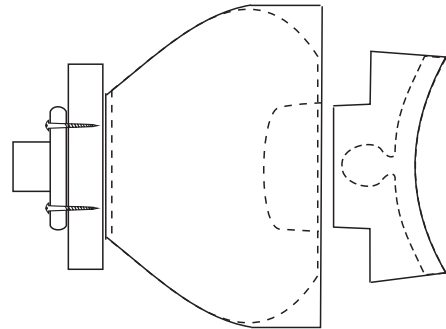
This project does not use a chuck, but may be modified to do so.



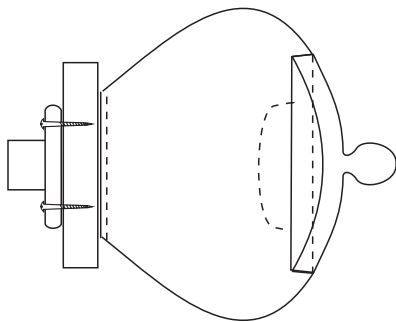
Mount the block between centres with the grain running at right angles to the centre line of the lathe.
Shape the lower part of the box.



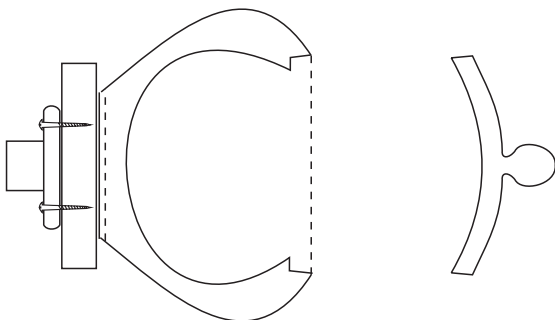
Re-mount the wood by gluing it to a waste block on a face plate. Prepare the waste block by cutting a shallow hollow to ensure good centering of the wood. Bring up the tailstock to further ensure a correct centre. Cut away part of the outer side of the block so that the lid can be re-mounted in a jam fit as shown below.
Part off the top part that is to be the lid.



Cut a dovetail into the bottom part of the box. Turn the lid around and jam fit it into this dovetail.
Cut the curve of the inside of the lid and the outer edges of the lid.
Totally finish these surfaces. Remove the lid.



Cut a wide shallow dovetail into the bottom part of the box so that the lid will jam fit into it. Fit the lid in and first cut the outer portions of the lid and the rim of the bottom of the box. The tailstock can be used for security during this cutting.
Tape the outer edges of the rim to the bottom of the box. Cut the handle on the lid.



Hollow the box. Sand and finish all surfaces, return the lid to the box as needed for this process.
After the outside surfaces are finished, take a fine cut to the lid fitting surface of the bottom of the box to ease the fit of the lid.
Remove the box from the waste block and clean its bottom.