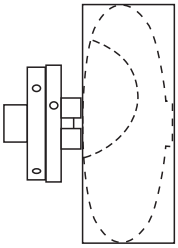
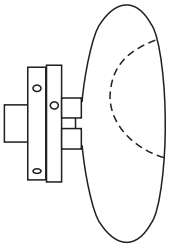
WOODTURNERS
SOUTH AUCKLAND
WOODTURNERS GUILD INC
TURNING TOMORROW'S TREASURES

OFF-CENTRE BOWL

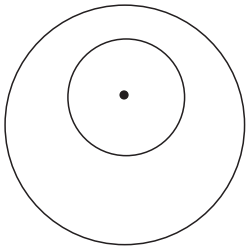
For this project it is wise to start with a small size bowl - say a 200mm square block. Be sure to wear a face shield and attach balancing weights securely.



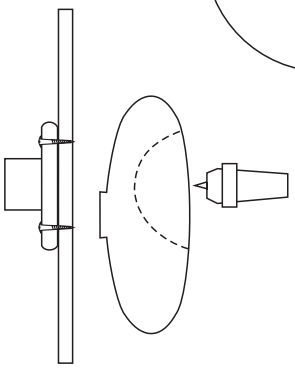
Create a spigot on the upper side of the planned bowl. Do this between centres or by gluing on a waste block. The off-set bowl may be planned to allow the use of a screw chuck, but a faceplate will not work.
Turn the underside like a normal bowl.
Keep the foot nice and flat and a full 1/3 of the width of the bowl.
Sand and finish this side.



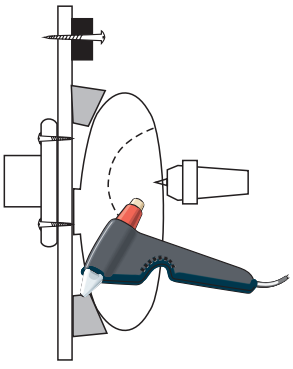
Turn over and shape the upper side. This may be flat or curved.
Sand and finish this side.



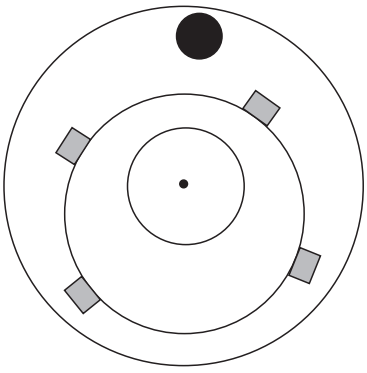
Take the wood off the lathe and work out exactly where the centre of the offset bowl is to be. Mark this point clearly.



Mount a large faceplate of mdf on the lathe and glue the work piece to this.
Put the center of the planned offset bowl to the point of the tailstock live centre. Then move the tailstock and bowl wood up to the mdf. If you are quick, you can make a puddle of hot melt glue on the mdf before bringing up the bowl wood. The foot of the bowl should be flat on the mdf, or you may try a little sloping of the work.



Add hot melt glue around the foot of the bowl. Add wedges and hot melt glue them to the mdf faceplate and the bowl. Later you will have to remove the support of the tailstock so be sure that the hot melt glue will hold the bowl to the mdf faceplate.
Balance the off-set bowl by adding weights to the other edge of the mdf faceplate. Test the balance by hand rotation of the faceplate. Do not start the lathe until a good balance is achieved and all weights and wood are securely fastened to the mdf faceplate.



The offset bowl is now at the centre of the rotating work and mdf faceplate. Turn it as you would any bowl. Sand and finish.
Remove the work from the mdf faceplate. Clean off the glue. Tidy the foot just like any other bowl.