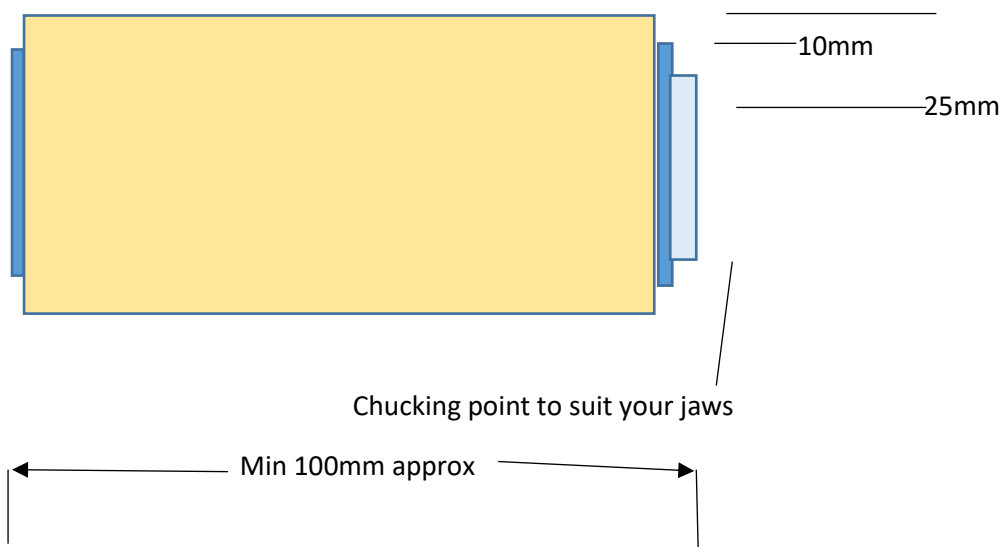
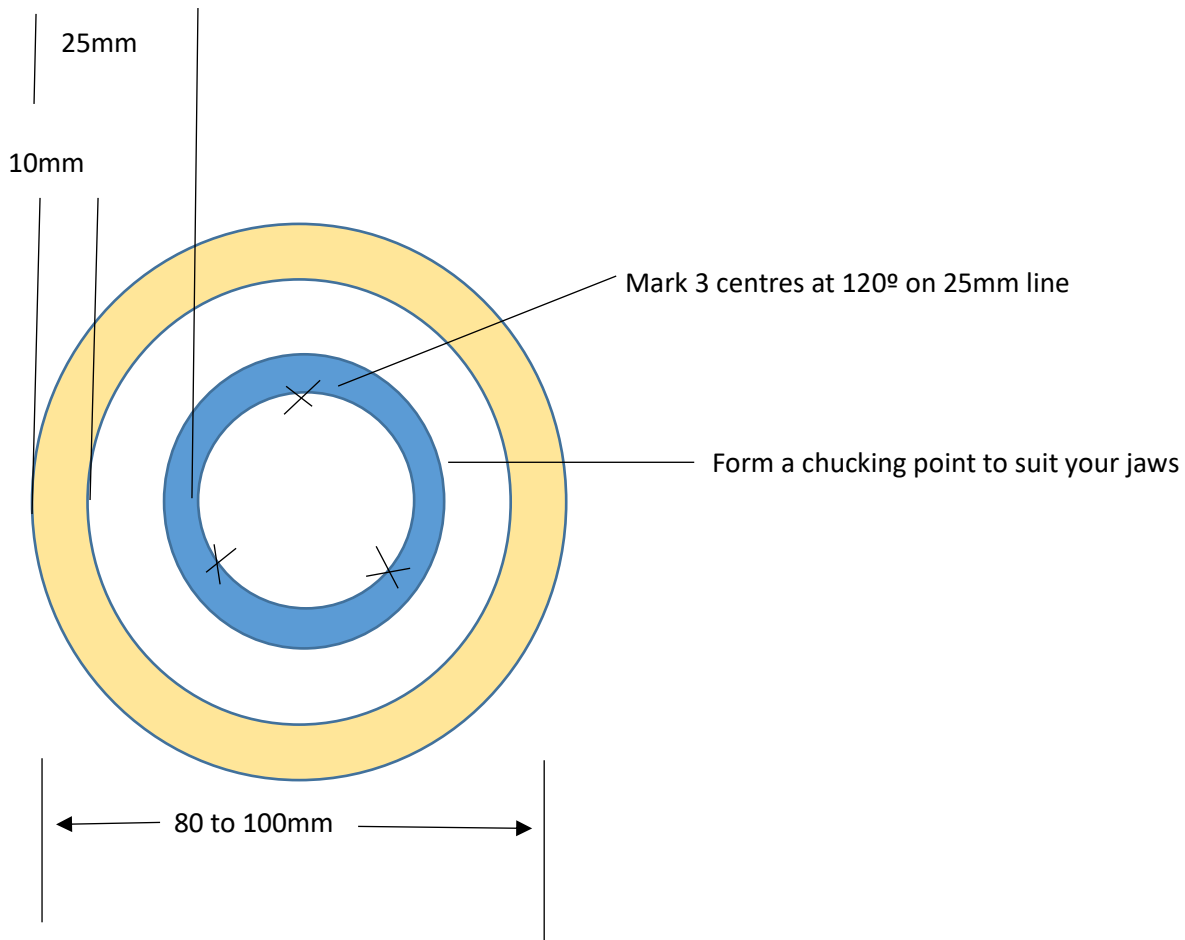


Twisted 3 sided box



Take a spindle blank approx. 80 to 100mm square and approx. 150mm long. Turn it to a round between centres and form a chucking point.

Mount it in the chuck and bring up the tail centre.

Form another chucking spigot on the tailstock end to suit your jaws and part off at about 30mm from this end. This will be your lid.

With a parting chisel make a cut of 10mm depth at each end.

Then draw a circle at 25mm from the edge of the timber on the tailstock end and mark 3 points on this circle at 120°. Number these points 1, 2, and 3. Using the tool rest transfer the three 120° lines to the chuck end and remove the piece from the chuck.

On the chuck end draw another circle at 25mm from the rim of the wood and transfer the lines you drew along the tool rest to pass through the centre. The points at which they cross the circle you have just drawn will then match those at the tailstock end. Number these carefully to match those on the tailstock end.

Now using these numbers mount between centres No 1 at chuck end to No 2 at tailstock. Bring up the toolrest and make sure your piece clears it. Do not move the toolrest again.

Make sure everything is secure and gently turn one end down to the 10mm cut. Keep stopping to have a look where you are as it is essential that this turning is exact. Then extend the turning to the other end carefully and parallel to the toolrest. Make sure you cut straight and do not go below your 10mm marker at each end. You can gently hand sand this cut but be careful not to dull the edges. **DO NOT SAND WITH THE LATHE RUNNING.**

Then remount the work between No 2 at the chuck end and No 3 at the tailstock and repeat the process. **REMEMBER** do not move the toolrest.

Repeat again with No3 at the chuck end to No1 at the tailstock.

You can now mount it in the chuck and remove your 10mm guide.

Form a recess for your lid but don't get too close to the sides.

Hollow out and finish the inside.

Remove from the chuck and if it will fit mount the box with your jaws on the inside or make a jam chuck.

Remove the chucking point and 10mm guide

Make a lid to fit.

It will be necessary to hand finish the body and be careful with your nice sharp edges.