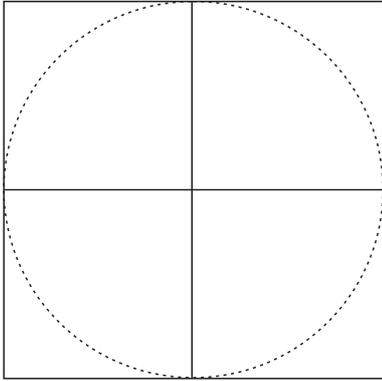
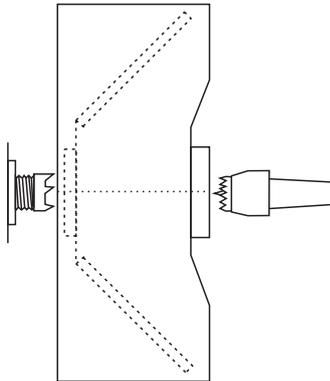


Conjoined Bowls

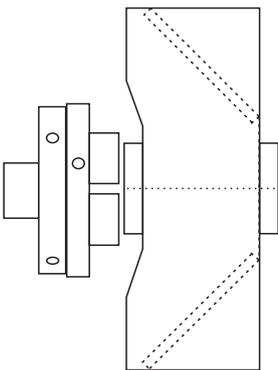
This project creates a pair of straight-sided bowls joined together. Two blocks of wood are required to make the bowls and two segments of wood will be wasted. A smaller block is required to make a stand for the bowls. A belt sander (or some alternative) is needed to create the joining surface of the bowls.



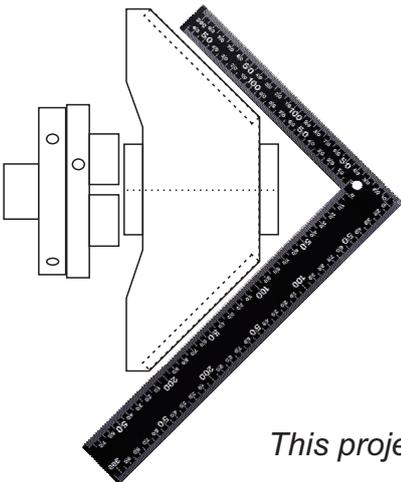
Start with two blocks of wood that are 200 square and 80 mm thick. Cut each block into quarters and then dress the inner faces and rejoin the blocks with paper joints. You may cut and rejoin the blocks on diagonal lines which will give a better grain match in the finished work but may result in more splitting of the edges. When the glue is dry, cut these blocks to round on a bandsaw.



Mount the wood on the lathe. Use a very wide faceplate or mount between centres. Other mounting methods may split the paper joints or damage the finished work. Cut a chuck-mounting spigot on the side that will be the wider side of the turning.

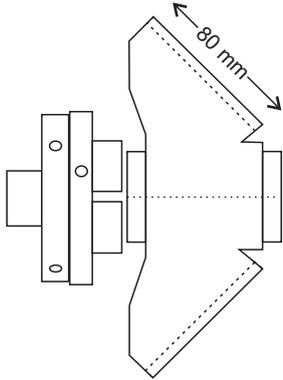


Turn the wood over and mount it in a chuck. Turn it round and 191 mm diameter. Turn a chuck-mounting spigot on the exposed side.



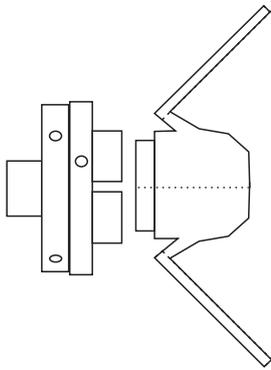
Cut the block to the shape shown. There needs to be a 90° angle between the two sides. Use a carpenter's square placed exactly on the cut lines to achieve this. Sand this surface to a finished quality.

Conjoined Bowls P2

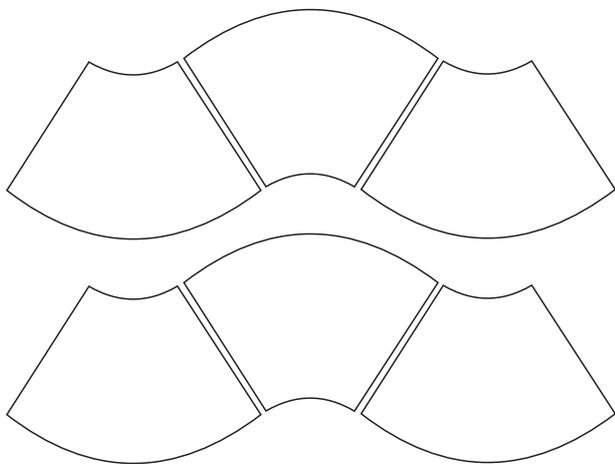


Cut the outer corner of the bowl shape away. This cut should be at right angles to the sanded surface of the bowl and allow for the cutting of a 3 to 5 mm thick bowl wall.

At a point 80 mm from that outer edge cut at right angles into the bowl deep enough to allow for the cutting of a 3 to 5 mm thick bowl wall.



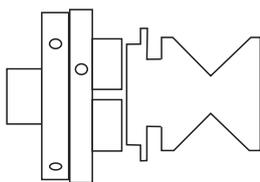
Turn the wood over and cut out the centre of the bowl. Tape the extremities of the bowl to stop premature parting of the segments. Maintain even thickness as you work down to finally part the four segments off the bowl. Hand sand the inside of these.



From the two blocks that you have now turned you have eight segments. Select the best six and hand sand the inside of each one. Glue them together as two sets of three.

Hold the two sets together and mark the edges that will be joined together. Gently sand or plane those edges to the 45° angle needed to join the two pieces perfectly. Glue them together.

Make a Stand



Take a 70 mm cube of wood and mount it in a chuck. Turn it round and then cut a 90° angle at the centre. Start a parting-off cut. Sand and finish all surfaces. Complete the parting off and hand sand that end. Stand the wood on one flat end and saw it in half vertically.

