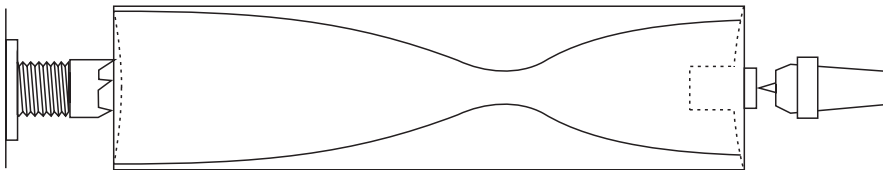


OFFSET CANDLE HOLDER

The dimensions shown here can be changed to whatever you like. Start with a block of wood about 270mm long and 70mm square with the grain along the long axis. Mark up both ends of the wood ready for mounting between centres.

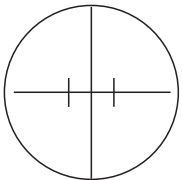
With the wood held in a scroll chuck, drill a hole at the exact centre of one end to take the candle of your choice, or a metal candle cup. Cut this end to a slight dish and finish this surface.

Make a plug to fit firmly in this candle hole. Mount the wood between centres.

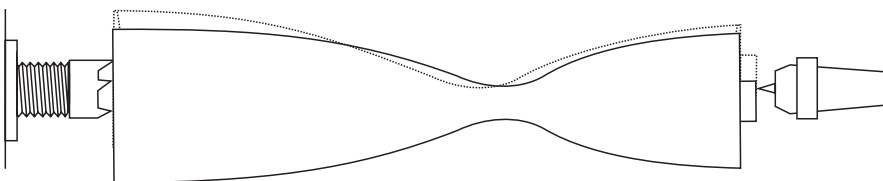


Turn to about the shape shown. The top diameter should be about 50mm and the bottom about 65mm. The narrow point is about 20mm diameter and about one third down the length of the wood.

Take the wood off the lathe and consider what orientation of the grain you want in the finished candle holder. Identify the opposing faces that you wish to show as the broad faces of the finished work. On the candle holder foot (shown here at the headstock end) mark a line exactly through the centre point of the wood and as close as possible to the centres of your chosen faces. Mark a line on the same orientation on the plug in the top. Along the line on the foot mark 7.5mm offsets from the centre. On the line on the top mark 5mm offsets.

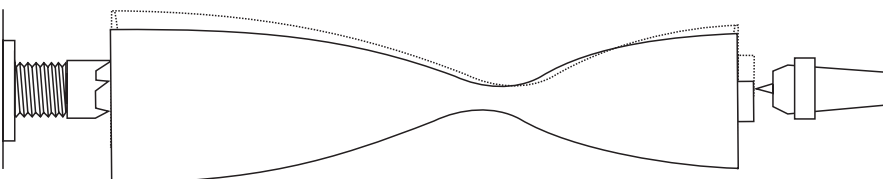


Draw another line across the foot and across the plug at right angles to the line with the offsets. Do not mark the finished face on the top but extend the line onto the sides of the candle holder. Draw a straight line the length of the wood to join these points on each side.



Remount the wood between centres using a pair of the offset marks, both to the same side of centre. Now when the wood rotates you will see a "Ghosting effect".

Cut some of this "ghosting" away. Stop frequently and take care not to cut beyond the long pencil lines. Make the narrow centre about 10mm to one side of the previous narrow point.



Remount the wood using the opposite pair of offset marks. This time cut the ghosting away with the narrow point about 10mm to the other side of the original narrow point.

Sand and finish the long surfaces. Finish the bottom by hand off the lathe.