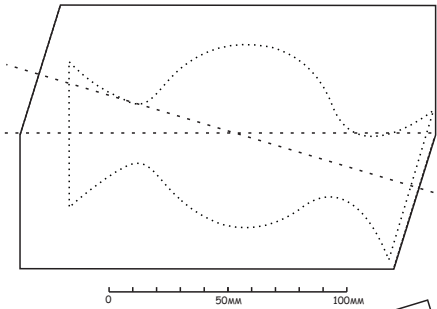
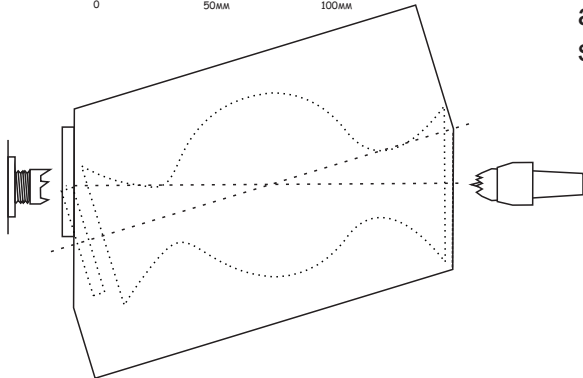


Angled Vase

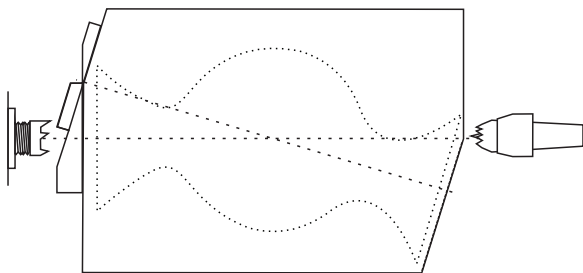
The planned vase is 150mm high, the spherical body is 77mm diameter and the tilt of the vase mouth is 17 degrees. To make a bigger, or smaller, vase change all measurements.



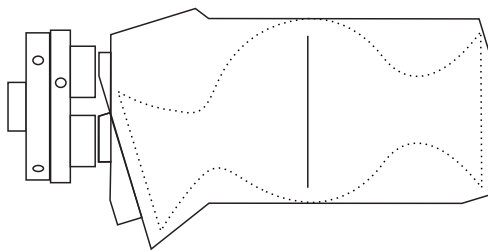
Start with a block 180 x 110 x 80. Mark the vertical axis on centre at both ends. Cut an angled piece off the block at both ends, and opposite sides, between the centre point and 17mm down the narrower side. Mark the angled centre on this cut 23mm from the vertical centre on the top end and 27mm from the vertical centre on the foot end. The greater distance off-centre at the foot end allows for the greater length needed to include the spigots.



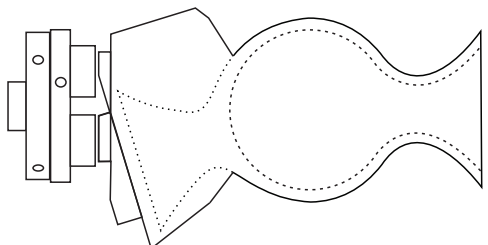
Mount the wood on the angled centres and cut a 5mm long by 46mm diameter spigot at the foot end.



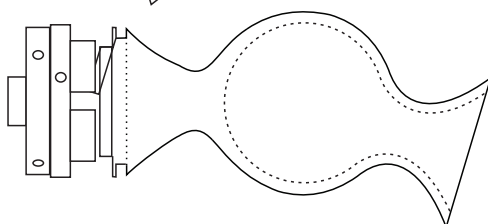
Remark the vertical centre on the bottom end of the wood. Remount the wood on the vertical centres and cut a 46mm diameter spigot at the foot end. The length of this spigot will be between 8 and 10mm. Ensure that it is not too long to fit the chuck.



Mount the wood in a chuck using the spigot on the angled centre. Turn the area that is to be the body and upper part of the vase down to a diameter of 77mm. After making allowance for wood to be removed at the top end and between the spigot and foot, put a pencil line around the body of the vase at the mid-length point.



Turn the upper part of the body and a little way towards the foot to shape. Make this as close to spherical as possible. Do not cut away the pencil mark. Hollow the vase. Sand all this area, inside and out, to a finished standard. This will remove the pencil mark.



Remount the wood using the spigot at the vertical centre. Take time with this remount to get the sphere of the body of the vase spinning perfectly central. Turn the foot to shape and start the parting-off cut. Sand all this area to finished quality. Part the wood off and hand-sand the bottom.