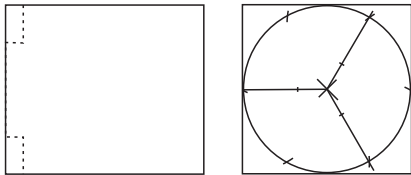


TABLET STAND

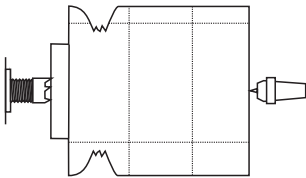
Adapted from the Multiaxis Tablet Stand article
by Larry Sefton in American Woodturner 31 June 2016

Note: The drawings shown here are not to scale. Your chucks, your faceplates, and your wood, may all be slightly, or considerably, different in size.

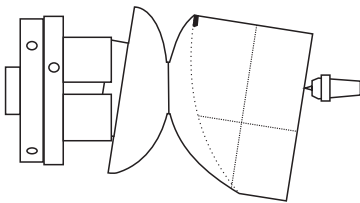
To make this stand to a size which I find excellent for my 9" tablet, held in portrait position, I started with a block of wood 160mm long and 145 x 145 wide.



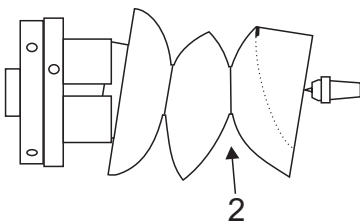
Mark a centre on each end. At the end that is to be the top draw a circle based on the centre mark. Keep the same compass setting and step around the circle to mark it into six equal parts. Draw a line from three of these marks to the centre. On each line mark a point 30 mm from the centre. Use an awl to boldly mark each 30mm offset.



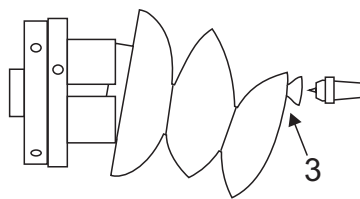
Mount the block between centres. Turn it to a cylinder and cut a 20 mm long spigot to fit deep jaws on the bottom of the planned work. Extend the offset lines on the top down the sides of the cylinder. Draw lines around the cylinder at about thirds of the length. Start the cut to form the base of the stand.



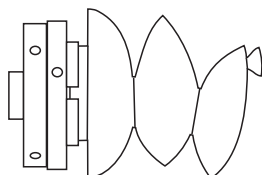
Mount in a chuck with the tailstock on one of the offset marks. Boldly mark the crossing point of the line down the side that extends from that offset. Make a vee cut as shown in the drawing. At the headstock side of the cut continue to cut until all the surface of the cylinder made earlier is gone. At the tailstock side of the cut continue to cut until you reach the mark at the crossing point of the lines. Sand both faces of the cut to a finished quality.



Remount the work in the chuck. Time with the tailstock up to one of the other offset marks. Boldly mark the crossing point of the line down the side that extends from that offset. Make a vee cut as shown (2) in the drawing. At the headstock side of this cut continue to cut until all the surface of the cylinder made earlier is gone. This will reduce the size of the disc on the headstock side of the cut. At the tailstock side of the cut continue until you reach the mark at the crossing point of the lines. This will take away the other side of the disc at the tailstock end. Sand both faces of the cut to a finished quality.



Remount the work in the chuck. This time with the tailstock up to the last of the offset marks. Make a vee cut as shown (3) in the drawing. At the headstock side of this cut continue until all the surface of the cylinder made earlier is gone. This will reduce the size of the disc on the headstock side of the cut. At the tailstock side of the cut continue until you have a knob suitable for lifting and shifting the tablet stand. Sand all surfaces to a finished quality.



Remount the work centrally in shallow jaws and part off the spigot or use hand tools to remove the spigot.