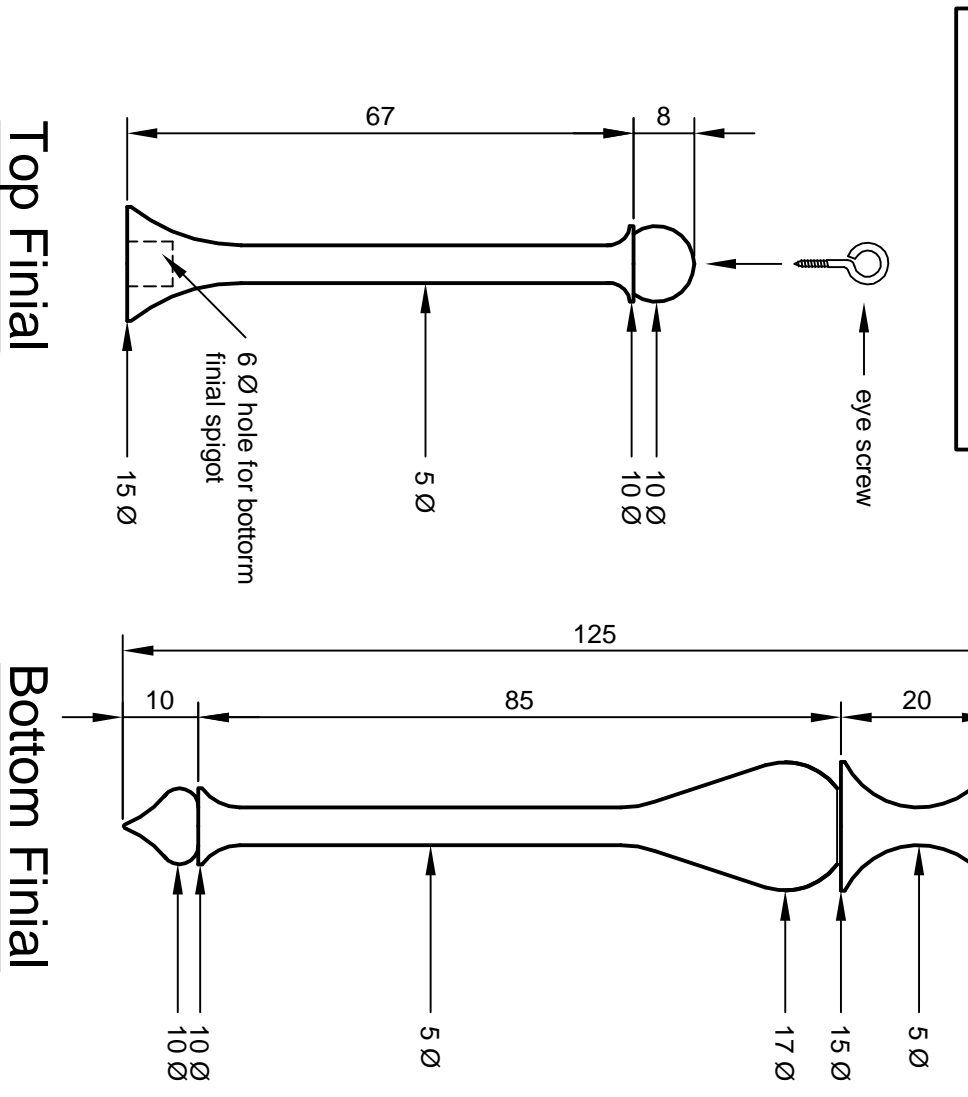




The picture on the left shows a Star Ornament made by Brian Kirkby. The star is made of sheoak and the finials are Aloes. The base is sandalwood and the suspension arm is $\frac{3}{32}$ " brass rod.



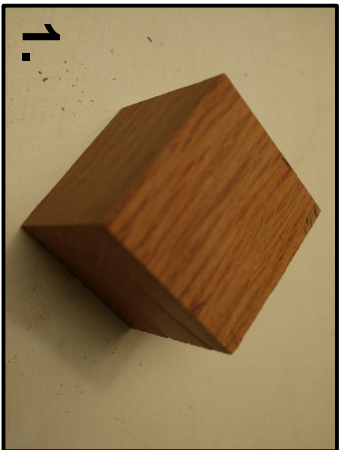
Drawn by Richard Barkman 1842-October 2020

STAR OF DAVID ORNAMENT - By Brian Kirkby

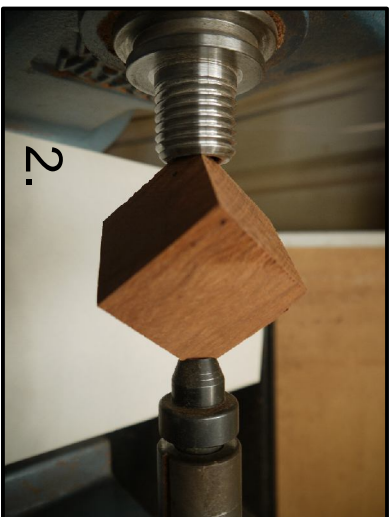
Scale: $\frac{1}{2}$ Full Size

TURNING THE STAR

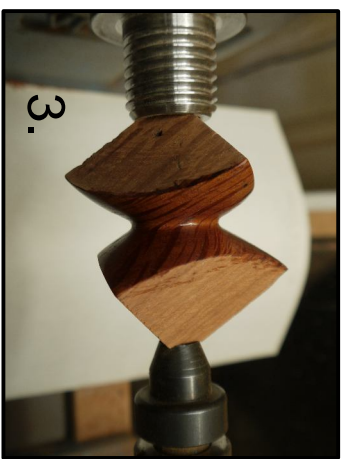
S 20



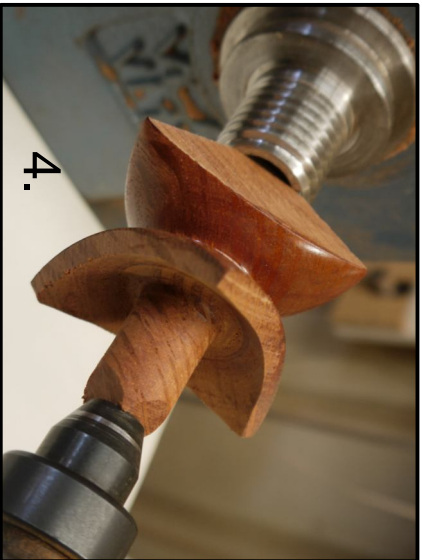
The star is turned from a cubed blank. The cube must be equal on all sides. (55mm or 45mm cubes look good.)



Mount the cube between the lathe head stock and live cone centre. When the lathe is turned on and with a light coloured background, a shadow will appear and show the centre of the star.



Turn the inside of the star from the outside into the centre (downhill).



Turn a 19mm spigot at the tail stock end, leaving this wing of the star a little thick for strength when the star is turned around.



Mount the spigot into a set long nose jaws and bring up the tail stock live centre, making sure that the star runs true.

STAR OF DAVID ORNAMENT - By Brian Kirkby

Scale: $\frac{1}{2}$ Full Size

Woodturners Association of Western Australia - Swan Woodturners Drawing Library - Drawing S20 - 2 of 3

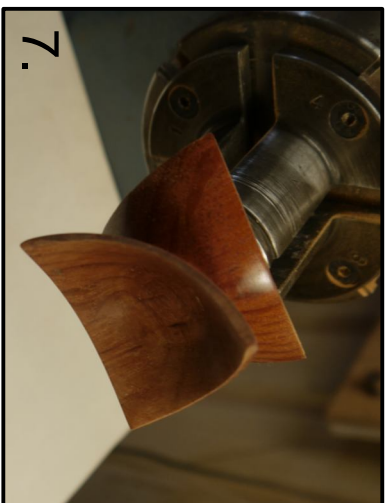
S 20

TURNING THE STAR CONTINUED

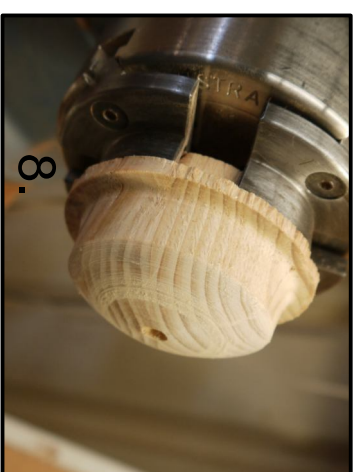
S 20



Turn the second wing of the star down to the finished size leaving the spigot on for as long as possible for added strength.



Finish turning the second wing making it as thin as you can. 3mm looks good. Then sand.



With a piece of scrap wood make a jam chuck with the face curved to match your star.



Now reverse the star onto the jam chuck with the help of some hot melt glue and tape. Use the live cone centre to help line it up, again leaving the spigot on as long as possible for strength. Shape the inside of the wing to same thickness as the first.



Once finished and sanded and while still taped to the jam chuck, drill a 6mm hole to take the spigot of the top finial.

STAR OF DAVID ORNAMENT - By Brian Kirkby

Scale: $\frac{1}{2}$ Full Size

Woodturners Association of Western Australia - Swan Woodturners Drawing Library - Drawing S20 - 3 of 3

S 20