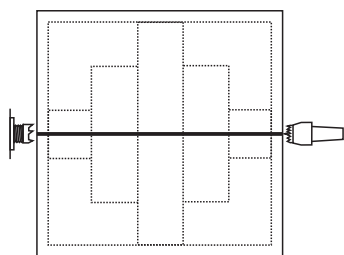
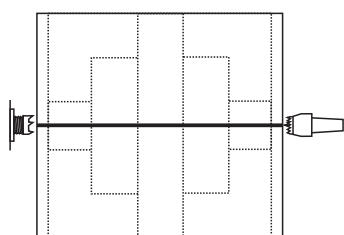


## Stepped Streptohedron

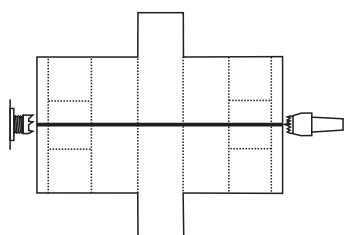
From David Springett in his books Woodturning Wizardry and Woodturning Full Circle.



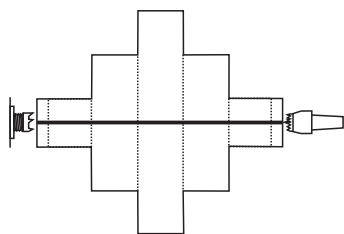
Start with a block that is two halves of a 75 mm cube cut and rejoined with a paper or double-sided tape joint at the centre. Mount this accurately between centres with the joint perfectly on centre and in line with the lathe drive.



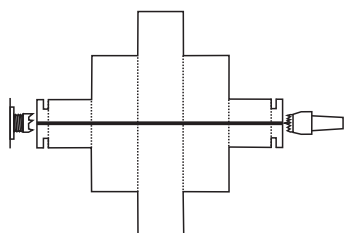
Turn the wood to be round and 60 mm diameter. Measure and mark a line at the exact centre of the length of the wood. Then mark lines at 6, 18 and 30 mm each side of the centre line. On both ends of the wood mark lines that are 12 and 24 mm in from the 60 mm diameter of the wood.



Cut away the wood between the 6 mm marks and each end of the wood. Cut this down to the 12 mm line on each end. Keep all cuts straight and clean.



Re-draw the two lines that were 18 mm from the centre line onto the newly cut surface of the wood. Cut away the wood between the 18 mm marks and each end of the wood. Cut this down to the 24 mm line on each end. Keep all cuts straight and clean.



Re-draw the two lines that were 30 mm from the centre line onto the newly cut surface of the wood. Keep all cuts straight and clean. Start a parting off cut on the outer side of each of these 30 mm marks. Sand all surfaces.

Remove the wood from the lathe. Split the joint and ensure the two faces of the wood are clean and smooth. Rotate one of the two parts through 90 degrees and glue the wood together. Sand and finish.

