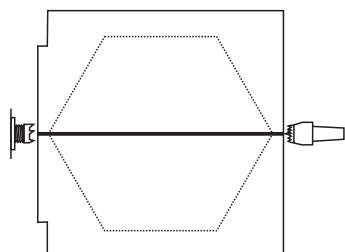
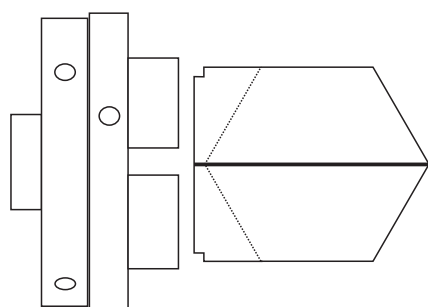


## Hexagon Streptohedron (Points)

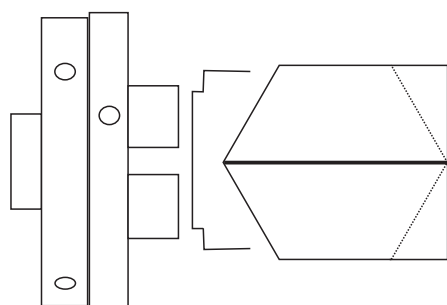
From David Springett in his books Woodturning Wizardry and Woodturning Full Circle.



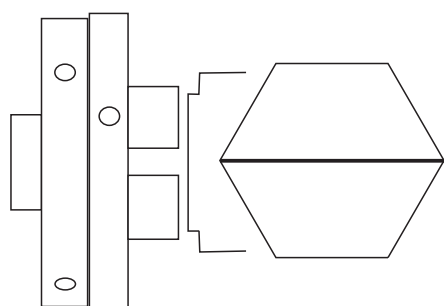
Start with a block that is two halves of a 65 mm cube cut and rejoined with a paper or double-sided tape joint at the centre. Mount this accurately between centres with the joint on centre and in line with the lathe drive. Turn the wood to round and cut a spigot for a 50 mm chuck on one end.



Mount the wood in a chuck and turn it to 52 mm diameter. Cut the tailstock end of the wood to flat and put a pencil dot at the centre of this surface. Measure and mark lines 15 mm, 45 mm and 60 mm in from that flat end. Cut away the wood on the outside of the 15 mm mark down to the pencil dot in the centre. Sand these surfaces.



Remount the wood in a jam chuck. Bring up the tailstock for accuracy and keep it there as long as possible for security of the work. Cut off the wood that the tailstock is pressing on at the 60 mm mark so that this end of the wood is perfectly flat. Make a pencil dot at the exact centre.



Cut from the 60 mm line to the dot at the centre of the wood. Sand this end.

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 60 degrees and glue the wood together. Sand and finish.

