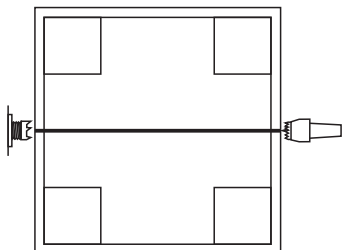
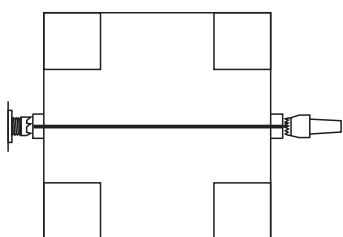


4 Branch Streptohedron (Flats)

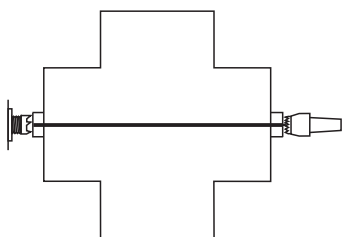
From David Springett in his books *Woodturning Wizardry* and *Woodturning Full Circle*.



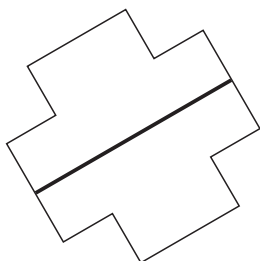
Start with a block that is two halves of a 75 mm cube cut and rejoined with a paper or double-sided tape joint at the centre. Mount this accurately between centres with the joint perfectly on centre and in line with the lathe drive.



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 15 and 30 mm each side of the centre line. From outside of the 30 mm lines cut both ends of the wood perfectly flat, but leaving the wood the drive spur and live tail are pressing on. On both ends of the wood mark a 30 mm diameter line.



Cut away the wood as a square between the 15 mm marks and the 30 mm diameter lines on each end of the wood. Keep all cuts straight and clean. Sand all surfaces.



Remove the wood from the lathe and saw or sand the drive spur and live tail stumps to make both ends perfectly flat.

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.

