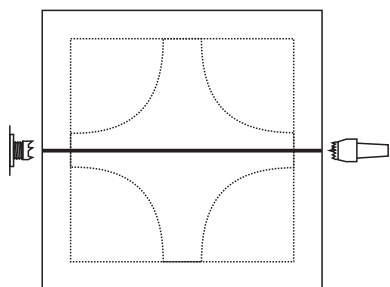
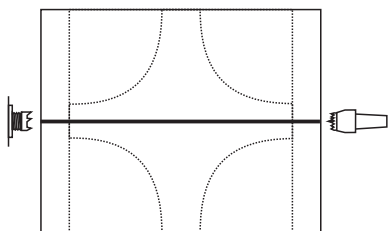


Femisphere Streptohedron

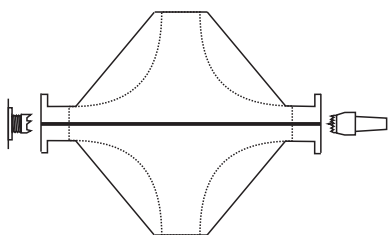
From David Springett in his books *Woodturning Wizardry* and *Woodturning Full Circle*.



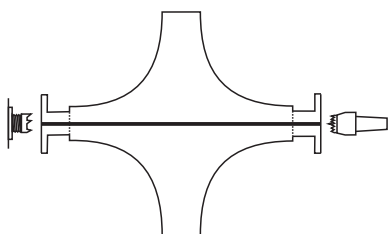
Start with a block that is two halves of a 75 mm cube cut and rejoined with a paper or double-sided tape joint at the centre. Mount this accurately between centres with the joint perfectly on centre and in line with the lathe drive.



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 5 mm and 30 mm each side of the centre line.



Cut away the corners of the wood and turn both ends of the wood down to 10 mm diameter. Measure and mark a line on this 10 mm portion exactly 30 mm from the centre line.



Cut a curve that extends from each of the lines you drew 5 mm to left and right of centre to the lines you made at 30 mm from centre on the 10 mm diameter wood. The length and curve of this should be the same on both ends of the wood. Start a parting cut immediately outside the 30 mm marks on the 10 mm diameter wood. Sand all this cut surface. Part the work off and hand finish the ends.

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.

