

Chris shows how to segment

An unexpected and most welcome report on October's demonstration was received from Richard Hoodless. He started with the OGM subs decision, then...

After the tea break Chris Taylor gave a very interesting talk on segmented work. He uses 6, 12, 18 or 24 segments as these are all factors of 360 so the angles for the segments are easy to calculate and cut. He prefers to use a table saw with a sled for cutting the segments rather than a bandsaw which requires the segments to be sanded.

When choosing timber for a segment ring it is essential to use a piece long enough to provide all the segments as this ensures that they are all of the same thickness. Cutting the segments alternately and turning each alternate one over corrects for any error of the saw blade being slightly out of perpendicular and a good joint is obtained between the segments.

Chris uses Titebond adhesive for joining the segments together, initially in twos using elastic bands to hold them and on a flat surface such as a piece of plate glass. These two segment pieces are glued to make up a semi-circle and the ends of two semi-circles are cut so that a good joint is obtained when they are glued



Above and below: Notes and video guided Chris in his demo



Chris listens attentively to a question from the floor



together.

A solid piece of wood is used as the base for the segment rings. This has the advantage of giving strength to the rings and makes turning them much safer.
