



NORTH WARWICKSHIRE & HINCKLEY WOODTURNING CLUB

NEWSLETTER March 2014

www.hinckleywoodturners.org.uk

Notes from the Editor

2014 is looking like a good year for woodturning events.

On Friday 21st & Saturday 22nd March, Axminster, Nuneaton, is holding a “Ready, Steady, Turn” demonstration & competition, featuring ten of the country’s best turners (Stuart Mortimer, Stuart King, Gary Rance, Mark Baker, Andrew Hall, Phil Irons, Richard Findley, Steve Heeley, Colwin Way and Jason Breach). This free event is too good to miss.

The Tudor Rose Woodworks @ Daventry show is on Saturday & Sunday 10th & 11th May. Coombe Abbey woodturners are also organizing a craft show on Saturday September 13th.

I recently presented a pepper mill turning demo at Axminster’s High Wycombe store. Two days of being paid to turn! Does it get any better than that? I am also trying to learn how to use the scroll saw. My jigsaws are OK but they could fit together a bit tighter. My silhouettes are recognizable so they can’t be too bad. However, my attempt at 3-D scroll sawing is not so good. Using a 2” square piece of beech was probably not the best choice of wood. Too big and too hard.

Inside you can find my notes from John Bradbury’s segmented turning demonstration. The small pictures in the printed edition do not do justice to the jigs or to John’s work. Go online to see bigger pictures and more of them.

Regards
Rob Sheehan

John Bradbury 18/2/14

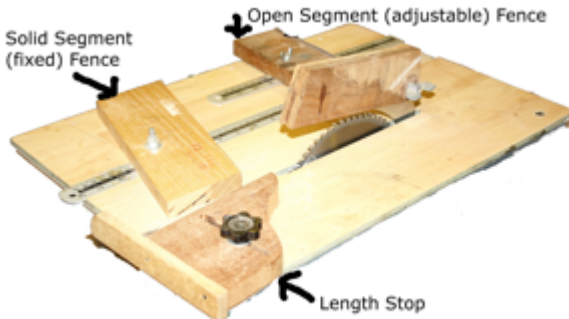
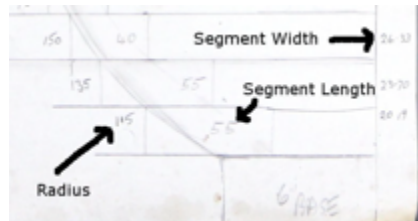
By Rob Sheehan



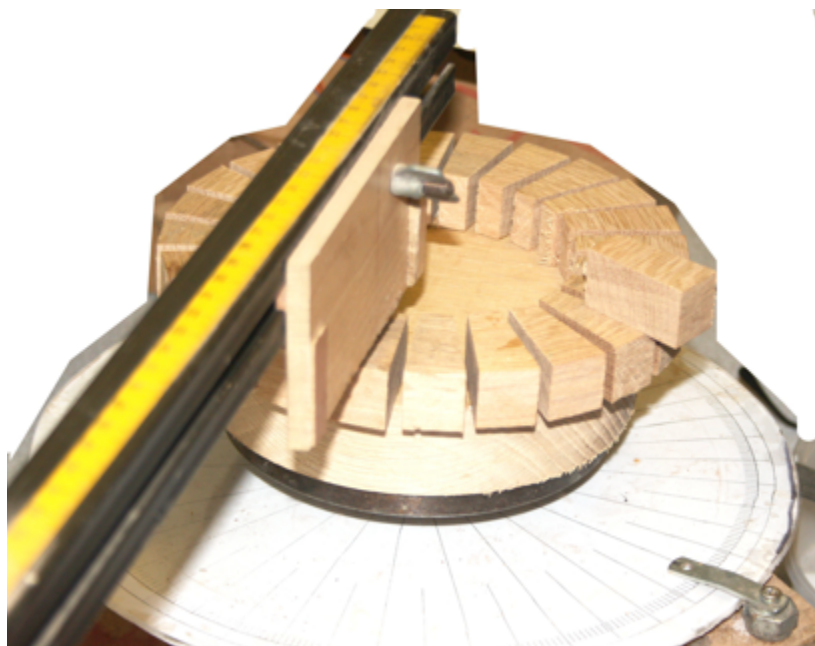
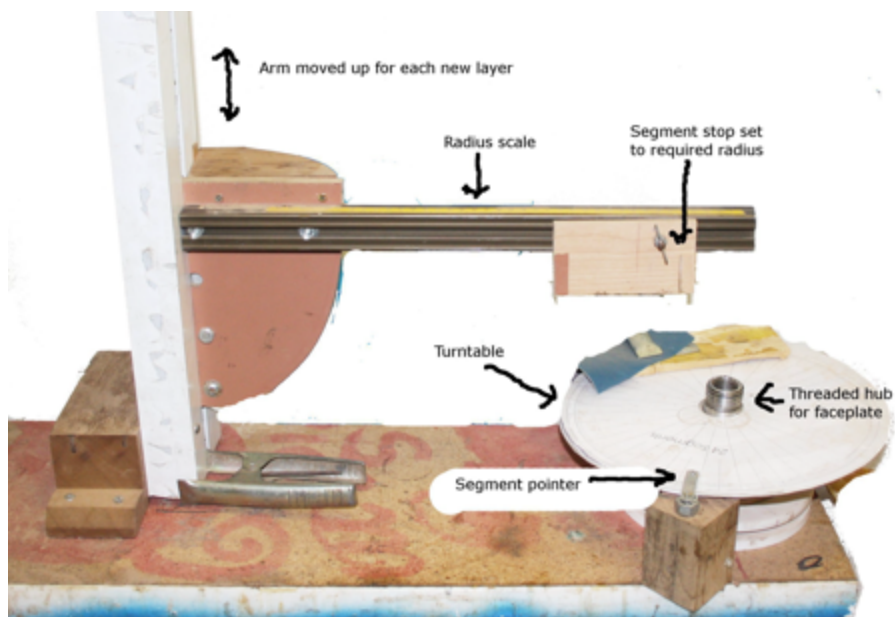
John gave two reasons why he does segmented turning. Firstly, it is very difficult to get a big piece of wood without rubbish, damage, knots & marks. Secondly, it lets you do any pattern you choose.

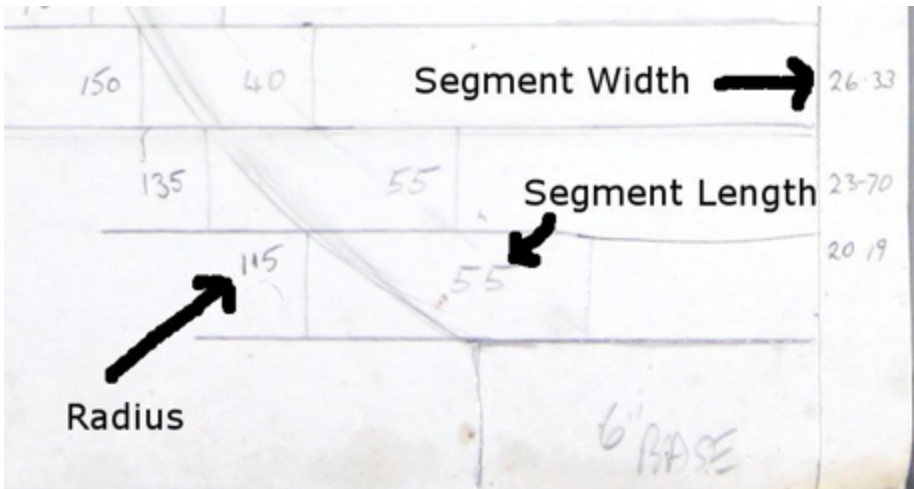
John's first piece of advice was that all good segmented pieces start with a full scale drawing. This lets you see the result before committing wood to lathe. It also lets you take measurements from the drawing

rather than doing lots of calculations. Each segment layer is drawn to full scale (5/8" in this case) and each radius is measured and written on the drawing next to the layer. Graham Ball can provide two sets of tables (one for open segment, one for closed segment) that allows you to read off the segment width for any given number of segments and any radius. This width is then written on the drawing too. Using these measurements, John then demonstrated his segment cutting jig - either the band saw jig above, or his table saw jig below.

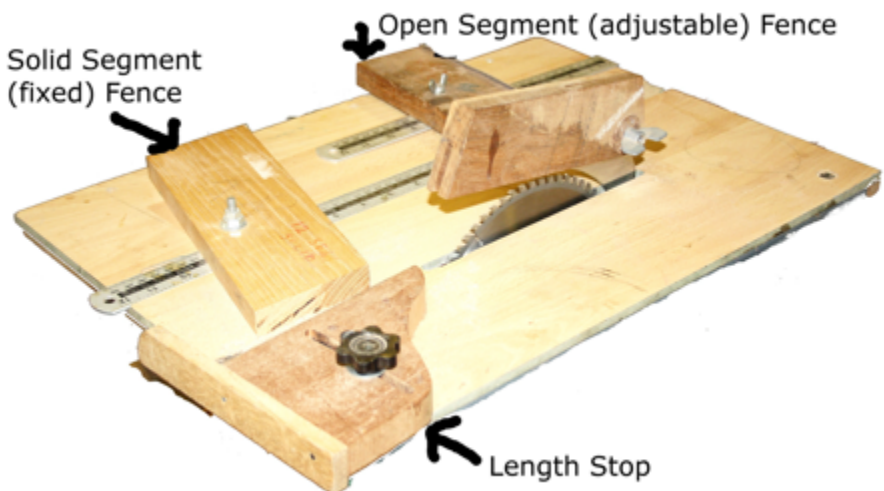


John prefers the band saw jig for small pieces as it is safer to use. The fixed fence is used for closed segment work and the adjustable fence for open segment work.





Part of the plan for a vase. Drawn to scale so that measurements may be taken directly from the drawing rather than calculations. Lengths & widths then added from the solid or open segment tables.



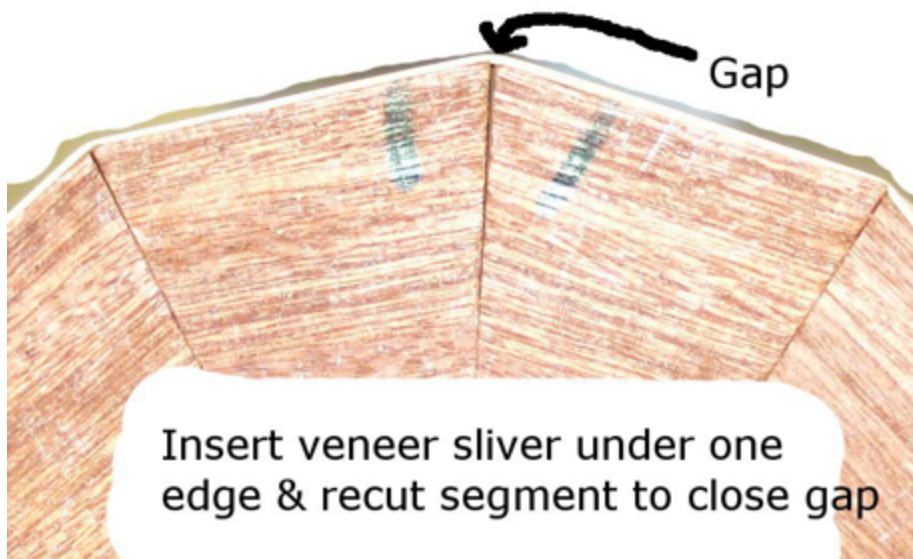
John's table saw jig for cutting segments. The fixed angle fence for solid segments is shown. The adjustable angle fence for open segment work is also on the table.

Fixed angle cutting
guide for cutting
12 solid segments
on table saw



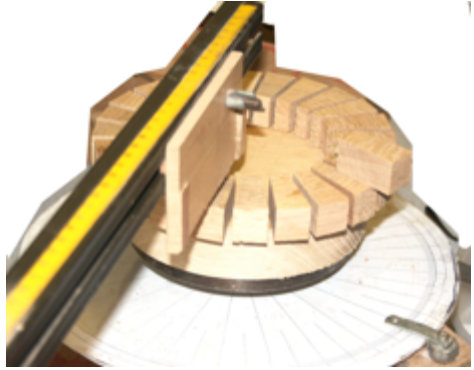
Gap

Insert veneer sliver under one
edge & recut segment to close gap





Once a ring of segments has been cut, John puts them in a plastic box and gives them a good shake. This removes any burrs left by the saw. The segments are then glued onto the previous layer using the jig shown. This was copied from Patrick Flynn. The jig has a plate and pointer marked with the segment angles. The plate can rotate. The solid bottom is fixed to a faceplate. The segment positioning arm has a radius scale. The arm is raised to allow each layer to be placed in turn. The segment stop is set to the radius that was taken from the drawing. Using ordinary PVA glue, a segment is placed against the stop and held for a few moments while the glue takes hold. The plate is rotated to the next mark and the next piece placed. This is repeated until the layer is complete. The arm is raised and the next layer placed. After a few layers have been placed, John will remove the part-vase, still held on the faceplate, and turn the inside. The top (unsupported) row is not turned.



NORTH WARWICKSHIRE & HINCKLEY
WOODTURNING CLUB EVENTS 2014

March	18th	Demo	Keith Fenton
	21/22	Axminster Ready, Steady, Turn	
April	1st	Hands on	
	15th	Demo	Alan Truman
May	6th	Hands on	
	10/11	Tudor Rose show at Daventry	
	20th	Demo	Robin Barlow
June	3rd	Hands on	
	17th	Demo	Ken Allen
July	1st	Hands on	
	15th	Demo	Gary Rance
August	5th	Hands on	
	19th	Demo	Mick Littlehales
September	2nd	Hands on	
	13th	Coombe Abbey Craft Fair	
	16th	Demo	Tony Wilson
October	7th	Demo	Adam Stephens
	21st	Hands On	

Next Demonstration

Tuesday 18th March Keith Fenton

Next Axminster Event

Fri 21st/ Sat 22nd March

Ready, Steady, Turn