



WEST SUSSEX WOODTURNERS

MAY 2018 NEWSLETTER

In the absence of our esteemed chairman today was under the guidance of Ray Burton.

East Herts Woodturners have their 25th Anniversary bash in October with Stuart Mortimer as guest turner. Details from Chairman Ian.

Forms have been put out on the seats regarding the new Data Protection Act. (For those purists I cannot remember the correct name of the legislation and have better things to do with my time than look it up). Please sign the form and return it to John Stepney. If you were absent please let a committee member know so we can arrange for you to get a copy.

A number of presentations were made mainly relating to the Awards Evening in April. It was apparently a great evening so look out for the date for next year and don't miss it again Ray said.

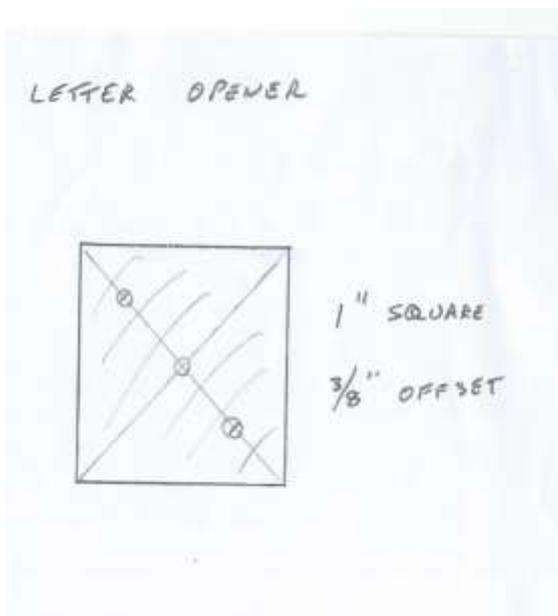
- 1st** Colin Willetts with a bowl
- 2nd** John Woolgar with a cup and saucer
- 3rd** Dave Newson with a Cowboy hat

Also presentations were made to Dave Davies for winning the Beginners section in last years Club competitions and also to myself as 2nd in the Intermediate section. So we need more Intermediate entries in future as I managed 2nd overall with only 2 entries in various club competitions.

Today's demonstrator was Colin Willetts who was demonstrating multi-centre turning.



The first project was to be a letter opener. I have put one set of instruction as an extra page. He was using Beech. Colin says to make any marks across the grain. Ensure you leave a square on each end. Colin uses a home made screw chuck for one end of the Opener and an Axminster centre for the tail stock end. The Axminster comes with a variety of tips and costs approximately £62 (before getting Club discount).



To ensure that each end is drilled the same Colin drills on the lathe using the tool rest as a guide. Using a Skew he marks off where the two square bits are to be and the marks with a pencil the various other parts. Using a parting tool he marked off the top of the blade and the bottom of the handle. Using his parting tool he marked off the depth for the top of the blade and the depth for the sharp end of the blade.

He turned the blank down to a round using a Skew but you could use a Spindle Roughing gouge if like me you are hopeless at using a Skew. (must try and practice a bit more). He sanded going through the grits from 120 to 400. Colin marks up the different centres with coloured pencils to ensure it's the same at both ends. He used the small Face plate with a screw (as above). Both ends are now off centre. Ideally you should turn as fast as you can. So he can see what's going on Colin puts a piece of white paper on the lathe bed, which he fastens down with small magnets.

Having turned it down slightly he then changes to the other centre. Colin uses a Spindle Roughing gouge to turn the blade as you tend to get a better cut than with a Spindle gouge. You can almost use the Roughing gouge as a Skew but be careful as the blade may flex when the pointed end is getting quite thin. To sand the blade you have to do it by hand. Colin recommends using a sanding block of some kind. He has made his own using a half round dowel. He then stuck Velcro on to hold the sandpaper. Again he sanded through the grits from 120 to 400.

Return the blank in the centre position to finish turning the handle and to part it off. Colin uses a home made sanding disc in the chuck to sand off the end of the blade and handle.

You don't need the posh Axminster Centre if you have a positive drive in the chuck.

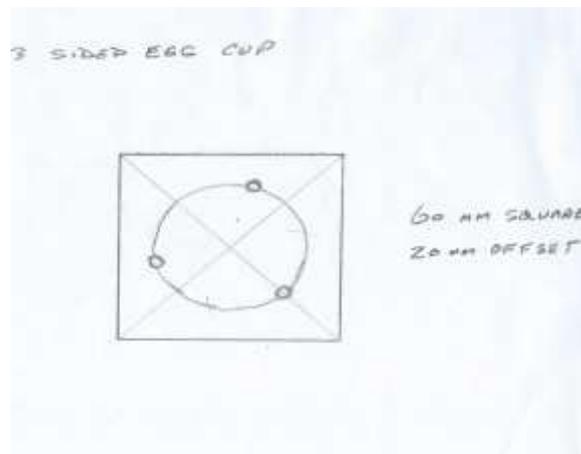


The next project was a triple centred egg cup with a twist.



We now come to the technical bit.

So listen very carefully as I shall say this only once. (read with a French accent).



First mark up to find the true centre. Best done by drawing lines from corner to corner. Do **not** use a centre finder as you will end up with too many lines. (I know because I tried it). Draw a circle of say 20cm using a compass. Mark a point where the circle crosses the diagonal line. Using the compass again mark two small arcs. From those two arcs draw two more arcs. This will give you the centres from which to work. Colin marks them with coloured pencils or you could number them. The choice is yours. Colin uses Ring centres on each end. (Not having ring two Ring centres I tried using a $7/8^{\text{th}}$ Steb centre but it didn't work for me as the Centre was really too large and I ended up with flying wood). Put a spigot on each end of say 50mm. These are not intended to go in the chuck. The object of the spigots is to give you a point to cut to. Colin colours his with a Sharpie to make it stand out. If numbering you need to follow the order:-

HEADSTOCK

1

2

3

TAILSTOCK

2

3

1

With Coloured pencils match the colour

The important bit is to go clockwise with the markings or numbers at one end and anticlockwise on the other end.

Once you have ensured that the piece will not hit the tool rest (when you have put it on the offset centres) do **not** move the tool rest. Using his parting tool he cut a mark down to approximately 25mm to give the depth to cut to. He then moved the piece between the various centres to give the twist effect. It is very important that you only make gentle cuts.

You **must** hand sand the piece.

I hope the above makes some kind of sense. If not blame whoever decided on the competition. I have had a little go and rather cocked it up. I'll blame the lack of ring centres.

Try watching the Youtube videos listed below. (I thought the Barbara Dill one was pretty good).

Multi Axis Goblet - Barbara Dill

https://www.youtube.com/watch?v=JK1EvP_NCI0
<https://www.youtube.com/watch?v=GFdeOPG3iC0>

Robbie the woodturner

<https://www.youtube.com/watch?v=65UxU2eNBcg>

FROM THE SHOW AND TELL TABLE



The hollow forms are by Dave Newson as is the vase. The callipers and snake are by Terry Hooper. (sorry about the snake's head)

FORTHCOMING EVENTS

On 26th, 27th and 28th May we have the Club Promotional Event at Amberley Museum and Heritage Centre. If you haven't signed up to go contact Keith Greenfield email is: turnerofwood@btinternet.com

FOR SALE:

Dave Unsted has a sharpening station for sale (sorry no picture) price £25.

Dave's contact number is 01403 211077.

WANTED:

Club member Malcolm Hunt is on the look out for a lathe. If you have one or know of one for sale ring Malcolm on 01730 814376.

NEXT MONTH:

We have a Competition for Off-set or Multi-centre turning.

We also have a Member led morning of Knobs and finials.