



NORTH WARWICKSHIRE & HINCKLEY WOODTURNING CLUB

NEWSLETTER May 2018

www.hinckleywoodturners.org.uk

Notes from the Editor

Inside, you will find the interesting demo by Phil Jones. A simple idea, copied from a charity shop purchase, but something I haven't seen before.

We have Woodworks@Daventry on Friday 11th & Saturday 12th May. Free parking and free entry to a good show of clubs and traders. Please support the show by coming along and buying a raffle ticket.

UKIWS is back again. Saturday 30th June and Sunday 1st July. £20 per ticket plus £20 per master class ticket.

I had a very nice day in London recently. I spent the morning at Kew Gardens and the afternoon at the Victoria & Albert museum. Here's a few pictures showing what I saw.



Regards
Rob Sheehan

Phil Jones 17/4/2018

By Rob Sheehan



Phil has been turning for 34 years. He started by showing us how to sharpen tools by hand, without the use of a jig. Then he demonstrated the use of the skew chisel to create a square pommel followed by a radiused pommel and, finally, he used a gouge to turn an ogee. Phil's first project for the evening was a pig-shaped salt & pepper shaker. This was based on an example he found in a charity shop. Made from Sapele, Phil turned the blank to round, cleaned up the end and turned a chucking spigot. After

mounting in a chuck, he faced off the end, marked the centre with a skew chisel and drilled the blank, leaving only about 1/4" at the other end. Phil turned the outside to about 50mm diameter and used a template to mark the position of the legs, ears and eyes. The legs and ears go in at an angle marked on the template. Phil drilled the holes now, so the later shaping removes any breakout. He rounded the rear of the pig, starting at the centre and ending at the hole diameter. The front was rounded a bit, but left oversize to provide strength when hollowing. Phil hollowed out the pig using a scraper. He then finished the out-



side to an egg shape,

leaving a spigot for the nose. After sanding, Phil parted off and sanded the last bit using a chuck-mounted sanding disc. Underneath the nose, Phil sanded a flat for the mouth and drilled five holes



in the nose. Larger holes for salt and smaller holes for pepper.

Phil said that a larger version could be used as a money box. He then turned the legs and ears from a dowel of the same wood. The ears have a curved shape that Phil made by sanding one side on a chuck-mounted sanding drum. He then turned the tail, which acts as the filling point. A cork bung is glued onto the tail spigot and sanded until it is a tight fit. Phil was asked if he sealed the inside of the shakers. He said that as he never uses dangerous timbers (Yew, Laburnum, etc.) for his food projects, he doesn't seal them.



Phil then turned a shallow Sapele dish to hold the salt & pepper shakers. This needs to be flat inside, as a base for the shakers. It also had a shallow lip and was slightly curved on the bottom.

Phil then gave a demonstration of screw cutting, using an African Blackwood off-cut. Turning the female thread first, he hollowed out the blank and cut a recess at the end of the thread. Phil then used hand chasers to cut an 18 tpi thread at about 400 rpm.

Measuring the female thread diameter, Phil turned a male spigot slightly larger. After cutting another recess at the end of the thread, Phil cut the male thread. As it was too large, Phil cut the tops off the threads using a gouge and re-cut the thread.



Phil's final project for the evening was a mushroom in Laburnum.



Turning a Cartwheel Hub

By Rob Sheehan

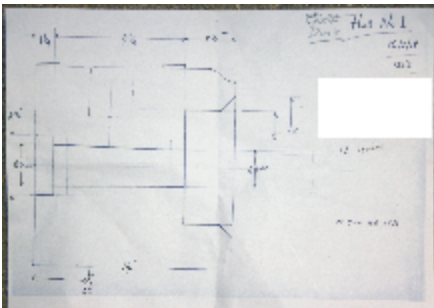
Binley Wood volunteers are attempting to renovate an old log-carrying cart found in the wood. Most of the wood has rotted away so, with what remains, research and guesswork, they are drawing up plans to replace the missing parts. Mike Cannon, one of the volunteers, approached Axminster to ask for help in making a new wheel hub. I was volunteered as his help, and together, we cut to size, planed and glued up enough oak planks to make one 15" x 15" hub blank. After the glue had dried, Mike had had the blank chain-sawed to a rough cylinder. I had the task of turning the blank to the required dimensions. This is how I did the turning...



Segmented block of Oak. 15" diameter and 15" long.



Block on my Jet 3520B lathe. Iron bands are from the original cart.



Plans for the hub, taken from what remains of the original.



6" faceplate with eight 40mm stainless steel screws.



Mounted on lathe with support from tail stock.



First cuts. 300 rpm. I'm using a 1/2" bowl gouge.



Hollowing the outside end of the hub. 8" recess, 3 1/2" deep. I used a parting tool to start; a parting and beading tool when the overhang got larger and finished using a mix of gouges, hollowing tools and scrapers.



Hollowing complete. Centre drilled using a 65mm saw tooth bit in a Jacob's chuck. Drill would only reach 2/3 the way through, so I have to drill from the other end to complete the axle hole.



Inside end of the hub trued up and a 80mm x 1 1/4" recess cut. Drilling the axle hole on the inside of the hub. It exactly met the hole partially drilled from the other end!



Taper cut for the first iron band. Unlike the originals, these will be fitted cold.



Hub inner iron band loosely placed on the taper. It will be hammered home at a later date.



Longer taper cut on outer end of hub and both iron bands loosely fitted.



Hub turning complete. Index markings for the 12 spokes are just visible around the centre.



Hub outer end. Recess allows room to fit a nut onto the end of the threaded axle.



Hub inner end.



Newly turned hub with iron bands from the original cartwheel. Just three more to make!

NORTH WARWICKSHIRE & HINCKLEY **WOODTURNING CLUB EVENTS 2018**

May	1st	Hands On	Rob Taylor - threading
	11/12th	Woodworks@Daventry	
	15th	Demo	TBD
June	5th	Hands On	Rob Smith
	19th	Demo	TBD
	30/1st	UK & Ireland Woodworking Symposium	
July	3rd	Hands On	
	17th	Demo	TBD
August	7th	Hands On	
	21st	Demo	TBD
September	4th	Hands On	
	18th	Demo	TBD
October	2nd	Hands On	
	16th	Demo	TBD
November	6th	AGM (followed by Hands On)	
	20th	Demo	TBD
December	4th	Hands On	
	18th	Christmas Social	

Next Event

Tue 17th April TBD

Next Axminster Event

TBD