



Saturday Club Workshop 14th January 2023

Today started as any other Saturday with explanations as to what John, Alan and I would be doing. Alan's project for the morning was showing the procedures for turning next month's competition piece, which will be a Candlestick. Whilst John and I were on standby, for whatever the members wanted help on. John was helping on using certain tools and myself took on how to turn a small-lidded box.

Refreshment break came and we discussed next month's meeting, which was not very productive but our Chairman stepped in with saying that any member who had trouble with any project, or how to use a certain tool to bring the project, tool or a plain piece of wood and ask for help.

The meeting was very well attended with a few new faces one being a lad of 14 years old who came with his father.

Our chairman Richard during the morning fitted some extra shelves in our store cupboard for which the club is very appreciative. It certainly helped when replacing all our equipment back at the end of the morning.

Written by DON SMITH

Club Night 17th January 2023

Written and Photographed by DON SMITH

Introduction by Richard Ayres

Our chairman opened the meeting with the usual notices before introducing me as tonight's demonstrator.

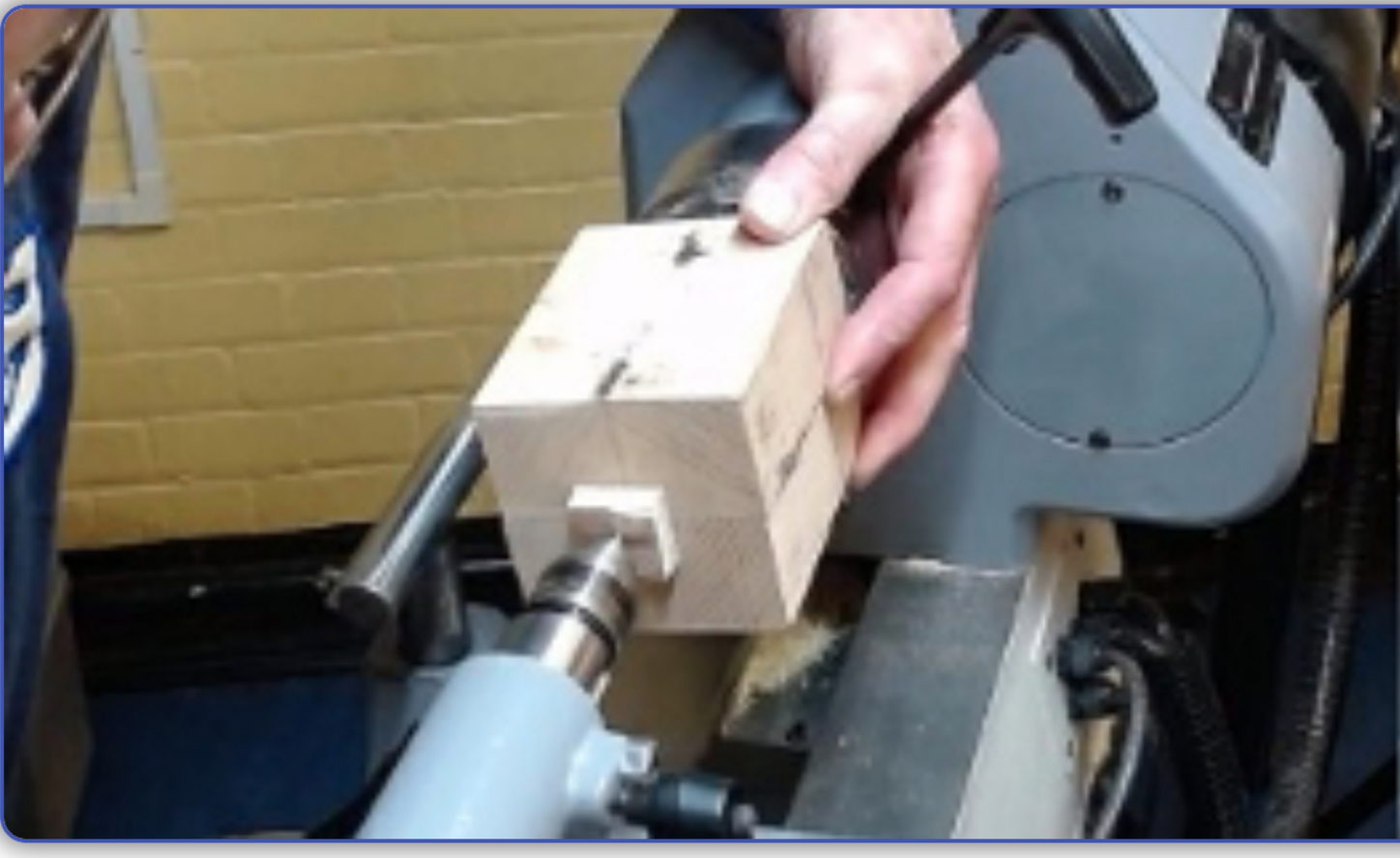
Demonstration by Don Smith

My project tonight is going to be how to turn flowers by using inside out turning known as Involute

The first thing to do is to produce a drawing of your intended shape and make a template, which will be useful during turning your flower. I took my design from looking at a Tulip.

I started out by explaining how to prepare your blanks. These must be square, of the same length, cut lengths of newspaper to the size of your individual blanks, and glue all four pieces in to a square. As the photo shows and as I was doing some Blue Peter procedures. A useful tip from John Wyatt is in the gluing up with the paper joints was not to over use the glue as this would penetrate through the paper making it almost wood to wood

The first thing carried out was adding a scrap piece of wood to both ends, find the true centre and place between centres on the lathe (The scrap wood would help in preventing the block coming apart with the pressure of the tailstock) so that you could turn a spigot on one end. Once this was set up on the lathe, a line was drawn to determine where the base of the flower is. I then proceeded to turn the inside of the flower shape using the template. The lower photos show the shape and the template in use. Once you are satisfied with the shape, sand, and polish. To turn the smaller internal flower part, the same procedure is used.



The next photo shows me using a very old Carving knife to split the first turning down the paper glued joint so that I can reverse glue them. Before you split them, please remember to number the base as seen in the next photo.

If you are turning an open ended project then you only need to use the centre number system, however if you are turning closed ended projects such as a spindle for a Candlestick then use the outer method.



When you glue them together, you can use either of these methods making certain that the numbers are in the correct sequence. If you use the centre set of numbers make certain that when you glue them together that you go anti-clockwise (1, 4, 3, 2). Before I place it on the lathe to turn a spigot I take it to the band saw and remove the old spigots.



The next operation is to turn a spigot on the glued block I do this by using a long extended drive Steb centre. Mark the centre of the internal part of the flower and place it over the Steb centre bring up the tailstock on the centre point and turn your spigot.

The following two photo's show the old spigots before removal and the piece set up on the lathe for the new spigot to be turned.



The next photo shows the piece being checked before continuing to fully shape the outside. Once finished the shaping you will need to drill a hole through the centre to the size of the stem that you will be using. Then sand and polish.



The flower will now be reversed on the lathe and again using a extended Steb centre and bring up the tail stock shape the base of the flower. To turn the centre part of the flower the same methods were used, except you do not need to use spigots, as the square section will fit in to your chuck.

The last two photos show the finished article



Written by Don Smith on his own Demonstration.

Photos from Mike Sharp straight from the Laptop plus additional taken on my own lathe.