



# MID WALES WOODTURNERS

[www.midwaleswoodturners.com](http://www.midwaleswoodturners.com)

a branch of

The Association of Woodturners of Great Britain

## Newsletter : March 2021

### From the Chairman

1. We have already decided that the AGM will be held when the club is able to meet as usual at Carno. (ref Covid-19 restrictions)
2. The December and March issues of Revolutions have included important information and comments on the AWGB through the Covid-19 pandemic (*criticism and praise*)
3. I am including with this newsletter a detailed report compiled by myself and Mike Butterfield on our membership of the AWGB. Please note the recommendation at the end which has been agreed by all Committee Members.
4. Therefore I need members to respond to the following statement. If this is agreed then the club can make a grant application to the AWGB Covid-19 support fund. Namely: *I agree to MWW remaining a member of the AWGB or I disagree to this proposal from the Committee.*
5. 2021 Subscriptions. Normally this is paid to the Treasurer in January each year. Officially we do not have a treasurer until the AGM. The subs are made up of two parts £18-00 to AWGB and £5-00 to MWW. Please note the renewal reminder in the March issue of Revolutions. It is therefore up to each individual if they wish to pay direct to the AWGB [£18-00] The club will not be doing this on your behalf. Just follow the information on page 15.

Thank-you for taking all this information on board and finally thanks to Colin Panter for his detailed tool reviews.

### Hollowing Tools

*All the tools described below are available for loan from the MWW Library.*

#### **Robert Sorby Multi-Tip Hollowing/Scraping Tool**

This tool has a half round tool shaft, with  $\frac{3}{4}$  inch flat on one side, and can be fitted with a range of cutters for hollowing or scraping. With the shaft flat side to the tool rest, the round end tip is used for hollowing, the side/end tip for square corners in, say, a box, or with the teardrop in conventional scraping mode. The angle of the hollowing tips with respect to the shaft can be changed to allow limited reach undercuts.

Sorby also have a range of scraping tips shaped for recesses, beads and coves available that the club don't possess. With the round side of the shaft on the tool rest and the teardrop scraper tip fitted, the tool can be used in shear scraping mode for a finer finish on the inside or outside of bowls, platters, or other hollow forms. Rotating the teardrop on the shaft via a single allen screw enables a variety of flats and curves to be scraped.

Note that when used as a hollowing tool it operates in a scraping mode with the attendant risk of grain tear. It is, though, very stable and easy to use, and may be a good tool for a newcomer to hollowing to start with. It can be used on end or side grain with a minimum opening of 1 inch, to a depth of 4 – 6 inches.

#### **Robert Sorby Hollowmaster**

A swan necked version of the multi-tip tool which allows extended reach into undercut areas. It uses the same cutters as the multi-tip tool.

#### **Simon Hope Carbide Hollowing Tool**

A square shaft tool with a circular cutter fixed at a cutting angle of about 45 degrees on the end of the shaft. This means that the tool is stable in use, resting on a flat shaft edge, but the cutting angle is fixed removing an element of control from the hollowing/cutting process. Whilst easy to use, it is a compromise between the scraping action of the Sorby multi-tip tools and the round shaft hollowing tools using cutters. It also has limited undercutting capability, but only needs a small opening for tool entry. It is suitable for a project depth of 4 – 6 inches. As with all designs using a circular cutter, the cutter can be rotated to obtain a new edge.

#### **Simon Hope Mini Carbide Hollowing Tool**

A round shaft version of the square shaft tool, but fitted with a 6mm circular carbide cutter. It is designed for small hollowing projects such as boxes. The shaft can be rotated on the tool rest to adjust the presentation angle of the cutter to the work, allowing some control of depth of cut.

#### **Rolly Munro Mini Hollowing Tool**

This tool has a  $\frac{1}{2}$  inch round shaft with a two piece articulated head. The cutter head has an adjustable cap or hood to control depth of cut and a circular 8mm cutter screw fixed to the base. It is suitable for a project depth of 4 – 6 inches and although it works best on greener wood cutting end grain, it does also work with drier woods and side grain cuts. When set up optimally, the hood prevents severe dig-ins and can be used to control depth of cut. Rotating the shaft and using light cuts can result in a better finish. As this tool cuts rather than scrapes, it works faster with less grain tear than the scraper tools. The articulated head can be adjusted to achieve undercutting with a minimum of overhang (*reducing rotational torque on the tool handle*). The articulated sections can be used to achieve undercuts and, although the tool can be fiddly to set up, it can also be very efficient in use.

#### **Hamlet Tools Big Brother Hollowing Tool**

The Big Brother is the library's deep hollowing tool, taking up from the 4 – 6 inch depth limit of the smaller tools. It has a  $\frac{5}{8}$  inch round shaft to provide more stiffness when cutting at depth, a single articulated head with a loop cutter covered by hood protector to control depth of cut and prevent tool dig-in or grab (similar to a ring tool but with a hood). An optional side handle to grip against rotational torque on the main handle enables better stability on heavy and/or deep cuts. A swan neck stem and scraper tips are also available from Hamlet but are not included in the clubs set.

See next page for pictures of some of these tools.

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▲ Rolly Munro Mini Hollowing Tool



▲ Robert Sorby Multi-tip Hollowing Tool



Hollowed vase by John Morgan

### MEETING COSTS

Members : £9 each, Family Members : £15 per family, Guests of members : £10 each, Non-members : £15 each

### CLUB CONTACTS

Chairman : John Morgan : 0193 855 4572 : chairman@midwaleswoodturners.com

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