FREE
Educational programme

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To reserve your place at this live event.

Let us know which event you would like to attend.

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LIVE SESSIONS

Helping the World Turn.

LIVE WOODTURNING DEMONSTRATION

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The Holey Bauble – An Introduction to Indexing.

This week we are treated to one of Theo's signature projects, which helps to demystify the complexities of 'indexing'.

Theo walks us step-by-step through the marking out process, and demonstrates how to put the indexing features of your lathe or chuck to work.

We learn how to make jigs for indexing and hole boring, and get deep into the techniques of fine spindle gouge control…..using a popsicle stick.

The result will be a beautiful hanging decoration that you can make for the festive season.

So come on and join the fun by sending us your RSVP… we hope to see you there.

This week, Theo covers:

- **An introduction to indexing**
- **How to make an 'interesting-boring' jig**
- **Balance and proportion**
- **Fine spindle work with a popsicle stick**

Live Session 1

AUSTRALIA

Saturday 5th December
8.30am *(AWST)* WA
10.00am *(ACST)* NT
10.30am *(AEST)* QLD
11.00am *(ACDT)* SA
11.30am *(AEDT)*
NSW, VIC, TAS, ACT

NEW ZEALAND

Saturday 5th December
1.30pm *(NZDT)*

USA & CANADA

Friday 4th December
7.30pm *(EST)*
6.30pm *(CST)*
5.30pm *(MST)*
4.30pm *(PST)*

UK/IRELAND

Saturday 5th December
00.30am *(GMT)*

Live Session 2

Saturday 5th December
5.30pm *(AWST)* WA
7.00pm *(ACST)* NT
7.30pm *(AEST)* QLD
8.00pm *(ACDT)* SA
8.30pm *(AEDT)*
NSW, VIC, TAS, ACT

Saturday 5th December
10.30pm *(NZDT)*

Saturday 5th December
4.30am *(EST)*
3.30am *(CST)*
2.30am *(MST)*
1.30am *(PST)*

Saturday 5th December
9.30am *(GMT)*

Meet Theo Haralampou

I initially took up woodturning 23 years ago so I could turn my own drumsticks and make gifts for my family and friends.
These days demonstrating and teaching woodturning is my greatest passion and full-time endeavour. Apart from demonstrating throughout Australia and New Zealand at symposiums, club events and wood shows, I have also demonstrated in the USA AAW Symposium, on the Woodturning Cruise through the fjords of Norway and for World Wood Day celebrations and tours in China, Cambodia and Laos.

I enjoy demonstrating the safest and easiest way to sharpen tools, develop good tool control, and take advantage of the characteristics of the wood to turn and embellish interesting, diverse and artful projects. I feel extremely privileged to be able to share my knowledge and experience with others.

My philosophy is that life is too short, so we should enjoy the journey, share with others and leave something to show we were here.

Interact live with internationally acclaimed woodturner Theo Haralampou who will be demonstrating from his studio workshop in Brisbane Australia.

Click HERE to learn more about Theo

CLICK HERE to Download your Record Power Catalogue

THE FULL CORONET RANGE OF LATHES
See pages **4-11**

BRAND NEW UK-MADE TURNING TOOLS
See pages **12-17**

BRAND NEW MINI CHUCKS
See pages **20-24**

NEW SABRE-250 10" BANDSAW
See pages **32-33**

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Winter 2020 **Promotional Catalogue**

Coronet Envoy and Regent
Heavy-Duty Cast Iron Electronic Variable Speed Lathes
See Pages 8-9

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TURNING TOOLS manufactured by Record Power

MADE IN THE UK

Anatomy of the **Turning Tools** and the full range

£79.99

103720 3-Piece HSS Bowl Turning Tool Set

This set contains the three essential tools for bowl turning: 3/8" bowl gouge, 1/2" domed scraper and 3/16" parting tool.

Special Offer
Buy both sets together
£149.95
Save £20

MADE IN SHEFFIELD

£89.99

103710 3-Piece HSS Spindle Turning Tool Set

This set contains the three essential tools for spindle turning: 1" spindle roughing gouge, 3/8" spindle gouge and 1/8" parting tool.

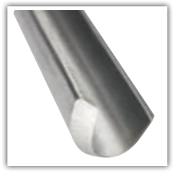
Bowl Gouges

These feature an improved flute profile, designed to help clear shavings quickly for more effective and faster cutting.

103630	1/4" Bowl Gouge, 12" Handle	**£29.99**
103640	3/8" Bowl Gouge, 12" Handle	**£34.99**
103650	3/8" Bowl Gouge, 16" Handle	**£39.99**
103660	1/2" Bowl Gouge, 16" Handle	**£49.99**

Spindle Roughing Gouges

Designed for use between lathe centres on parallel grain, the deep and wide flutes of these gouges remove material with speed. Ideal for roughing out spindle blanks but they can also be useful for some finer work.



103510	3/4" Spindle Roughing Gouge, 12" Handle	**£39.99**
103520	1" Spindle Roughing Gouge, 12" Handle	**£49.99**
103530	1-1/4" Spindle Roughing Gouge, 16" Handle	**£69.99**

Spindle Gouges

These are ideal general-purpose spindle tools, ideal for producing beads, coves and sweeping profiles across a wide range of projects.

103540	1/4" Spindle Gouge, 12" Handle	**£22.99**
103550	3/8" Spindle Gouge, 12" Handle	**£25.99**
103560	1/2" Spindle Gouge, 12" Handle	**£29.99**

Parting Tools

Mainly used for parting the finished workpiece from the waste wood. With the correct technique they can also be used for creating beads and patterns - a truly useful and essential tool.

103600	3/16" Parting and Beading Tool, 12" Handle	**£29.99**
103610	1/8" Parting Tool, 12" Handle	**£27.99**
103620	1/16" Parting Tool	**£24.99**

Scrapers

The round-nose scrapers feature a left-hand sweep to the grind, which allows them to be used on the insides of bowls with ease. Ideal for removing gouge marks and general smoothing work.

103670	1/2" Domed Scraper, 12" Handle	**£29.99**
103680	3/4" Domed Scraper, 12" Handle	**£36.99**
103690	3/4" Domed Scraper, 16" Handle	**£39.99**
103700	1" Domed Scraper, 16" Handle	**£44.99**

Skew Chisels

Probably the most versatile tool for working between centres - they can give a silky-smooth finish and may also be used for creating beads, coves and other decorative elements.

103570	1/2" Skew Chisel, 12" Handle	**£34.99**
103580	3/4" Skew Chisel, 12" Handle	**£36.99**
103590	1" Skew Chisel, 12" Handle	**£39.99**

Prices valid from 28.02.2021. E&OE. Specifications, prices & availability are subject to change without notice. Prices include VAT. Prices do not include freight charges.

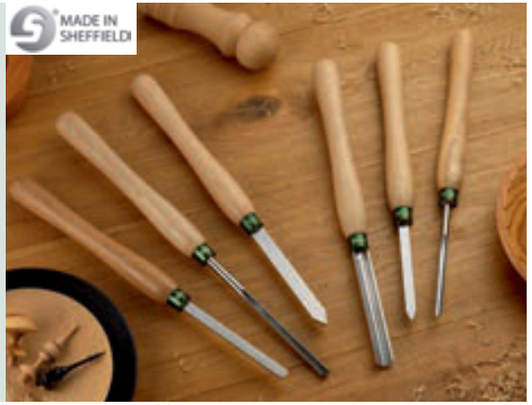
The Making of our **Turning Tools**

Made in the UK

Turning tools are the latest new product to be manufactured by us in our own factory in the UK. Although we had many years of experience making turning tools in Meadow Street, Sheffield as part of our old group of companies prior to 2003 – this range of tools has taken several years of development to reach the market.

For what is such a simple looking tool – there is a lot to consider. We began by reviewing the strengths and weaknesses of our original Sheffield-made range and identified areas that could be improved. We then benchmarked these against other UK manufacturers and tested the strengths and weaknesses of their products.

This led us to our first sets of prototypes which we then took out to be tested in a number of different countries by local professional woodturners, keen woodturning enthusiasts and experienced specialist woodturning retailers (who have a broad knowledge of all the tools on the market).



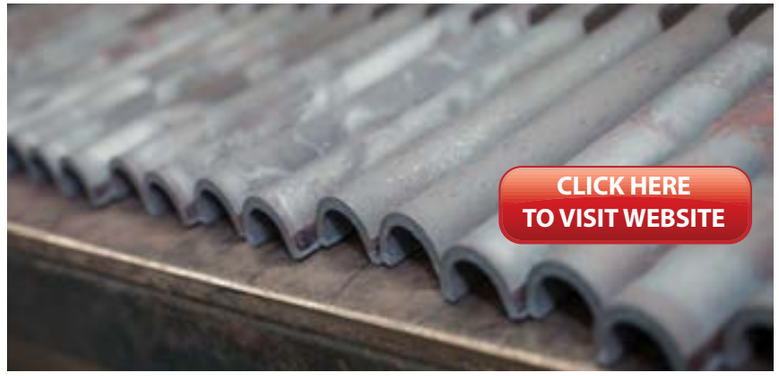
After many months of testing different handle shapes, sizes and tool profiles – we finally found the designs that met our objectives. We wanted full size, professionally specified tools but still safe and simple to use, even for first time turners. Our tools feature generously sized beech handles which feel good in the hand and offer plenty of fine control as well as strong support for heavy cuts. Our fluted tools have been refined to give best clearance for smooth, easy cuts and all profiles out-of-the-box have been chosen as the safest general-purpose grind for any level of user, with maximum ease of re-sharpening.

However good the quality or potential of any turning tool – it will only operate at its best when properly sharpened and this is the area that many users find the most difficult to master. So our tools have fully professional specifications and sizes – including the same steel and heat treatment as most of our UK competition – but the profiles are simple to use and sharpen straight out of the wallet and we have online videos to help show how to do this as simply and as cost effectively as possible – freehand with a basic grinder.

Those that can invest in more sophisticated sharpening systems or are more experienced turners may well regrind to their own specialist profiles and have the equipment or skill to do that and use such grinds safely.

Our priority was to provide the best quality, performance and value we could within the normal price range of the UK-made market, yet ensure it was as safe to use and easy to re-sharpen from new as possible and we believe we have met that brief. Why not try one out for yourself and see how we measure up?

Alternative six piece sets often include a skew chisel instead of two different sized parting tools – and a skew is a very useful tool to master. However, it is also challenging for many beginners – so we opted to include two different sized parting tools that can both find a use in spindle or bowl turning and are easy to sharpen and use in most projects. The sets are designed to help users start turning confidently and we sell skew chisels separately in the individual range, so they can be added to the armoury when a woodturner is ready.



Initial Processes

Spindle and Bowl Gouges

The flutes are machined on a modern 3-axis CNC machine and in the case of the bowl gouge, using bespoke tooling to create an improved flute profile.

Spindle Roughing Gouge

The roughing gouge starts life as a CNC laser cut blank profile which is then heated to around 1000°C and forged into the final profile using bespoke form tooling.

Flat Tools: Scrapers, Parting Tools and Skew Chisels

These are produced as CNC laser cut blanks. The blanks undergo some surface processing prior to heat treatment to remove marks created by the laser cutting process.

Heat Treatment

The tools undergo salt bath heat treatment and are then tempered back to a hardness of between 60 and 64 HRC (Rockwell C scale). The tang/top of the tool is not hardened, so that it remains ductile and not brittle. This reduces the risk of failure of the tool in use.

Surface Finishing

All the tools undergo various levels of surface treatment in order to remove the scale created during the heat treatment process.

Spindle Roughing Gouge, Spindle Gouge and Bowl Gouge

The heat-treated tool is sand blasted to remove scale which builds up on the surface of the steel as part of the process of heat treatment. The outer surface of the tool then goes through a four-stage polishing process to remove any residual scale and/or surface pitting that may be present.

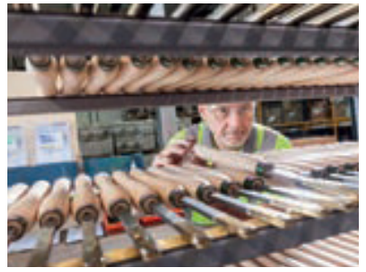
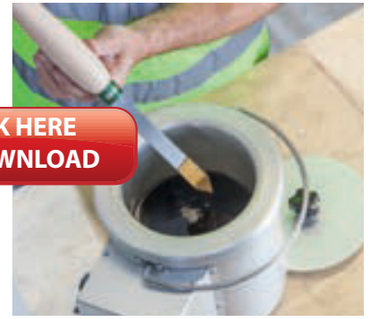
Similarly, the flute of the tool is cleaned with a formed abrasive wheel and then polished with a fine abrasive compound to remove any marks left by the previous process, creating a fully polished flute.

Flat Tools: Scrapers, Parting Tools and Skew Chisels

The flat tools are processed through semi-automatic machines which allow better control over the final surface finish and allow us to maintain a consistent thickness of the finished blade. The tools undergo a four-stage finishing process which results in them being fully polished on all four faces.

Grinding of the Bevel

All the tools have the bevels and cutting edges finished by hand. Ceramic abrasives are used in order to prevent the edge of the tool from overheating whilst being ground.

Final Assembly

The tools are then assembled by hand. The blades are pressed into the pre-prepared handle, wax applied to the cutting edge for protection and then inserted into the wallet, ready to be shipped around the world.