

This week's TT (TUTOR'S TIDINGS)



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Also



See website for more

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Remember, if I cannot break it, no-one can!

www.hwoodturners.org

Week 24

Friday 15th July,

TUTOR's comment and CLUB NEWS

- Several members of the club gathered at the home of Grant and Camille Taylor last Sunday to celebrate another six-months of woodturning successes. The weather played its proper part with bright sunny skies and no wind – a rarity this winter. There was a table full of exhibited turning projects and the judging was carried out by the partners of the exhibitors. The four category winners were:

 - The Pick of The Bunch** prize - Mike Burningham
 - The Artistic** prize - Spencer Heald
 - The "If I Had \$250.00 I'd Buy It"** - Robert Wiseley
 - The "Most Practical** prize -David Mollekin
- Michael Heiler, a flute maker, demonstrated several of his works to the Thursday session members. Lengths of bamboo, curtain shower rods and alkathene pipe can easily be transformed into a smooth sounding musical instrument. Many thanks to Micheal for his interesting aside to our turning work. The next challenge is to bore a long hole and make a flute on the lathe.
- A working bee scheduled for this morning to gather trailer loads of potentially good turning wood. was posrponed due to the inclement weather and will be held next week. Special thanks to **ROBERT WISELEY** for donating a large quantity of ready-to-use turning wood that is much needed for our ever expanding class sizes. Please consider making a small donation for club funds after making your selection from this very interesting pile of excellent goodies.
- New equipment has been added to our tool stocks: 100mm jaws on a Supernova2 chuck; a set of 70mm jaws; 150mm faceplate; and a 75mm faceplate.
- Many thanks to **DAVID M** and **DAVID R** for the work carried out in upgrading the lighting above lathes Nos 6 and 7 - a big improvement in that part of the workshop.



Information series

THIS WEEK'S PRODUCT

(available from Timberly Turning - Terry Scott)

Micro mesh foam-backed sanding pads



The super-fine grit of Micro-Mesh papers will give all your pen blanks that "wet look" finish.

Foam-backed ultra-fine grit 2" x 2" two-sided pads put a polished sheen on bare wood and a handsome lustre on finish coatings.

Abrasive crystals last up to 15 times longer than normal abrasives. Kit includes one each of 1500, 1800, 2,400, 3200, 3500, 4000, 6000, 8000 and 12000 grit pads.

Perfect for pen making.

Super-fine grit Micro-Mesh pads Includes 1500, 1800, 2400, 3200, 3500, 4000, 6000, 8000 and 12000 grit pads. Last up to 15 times longer than normal abrasives.

Micro-Mesh Cushioned Abrasives

Micro-Mesh, the cushioned abrasive for high performance surface finishing, available in sheet, pads, sanding-belts, sanding discs etc.

Conventional sandpaper is designed to be aggressive so that it will dig deeply, leaving an inconsistent, uneven scratch pattern.

Micro-Mesh does the opposite and has an ultra-flexible cushioning layer which allows the abrasive crystals to move, allowing them to cut with a planing motion, creating an extremely consistent scratch pattern and **extraordinary levels of gloss**. The flexible layer also prevents pressure being over-applied.

Micro Mesh Soft Touch Pads 2x2"



Clive's view: "Just brilliant for pen production – I use it every time I make a pen - try using it over layers of AC glue finish – amazing!"



HAMILTON WOODTURNERS' CLUB

Keeping those tools sharp makes a mighty big difference to success with your woodturning projects.

What follows is ***the process*** the **Hamilton Woodturners' Club** has adopted for sharpening tools. No doubt there are **other ways** of maintaining this crucial aspect of woodturning. There could be up to a dozen **different approaches** and all may well be a **correct way** to do the job. However, the process outlined in this article is **our way** with using the equipment currently available in our workshop.

Sharp tools promote early success with projects, so knowing how to **keep a keen edge** of your tools is one of the **most important skills to learn** soon after beginning your foray into the world of turning wood.

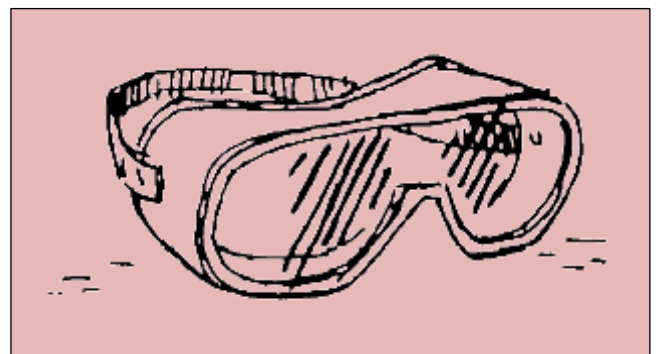


Clockwise and starting with arc-shaped, red-coloured thingy these are the tools we use to help us sharpen to a consistent bevel angle- 35 degrees.

1. Woodcut Tru-Grind angle set template
2. Woodcut Tru-Grind tool jig
3. Woodcut Tri-Gauge
4. Small diamond grit round file
5. And an 8" grinder fitted with a fine-grit, white aluminium oxide stone wheel (but not shown in picture left)



Hey, don't forget to wear these



A pictorial sequence of our tool sharpening process. (refer to key)



1



2



3



4



5



6



7



8



9



10



11



12

KEY to picture sequence:

1. The **tip** of this gouge is as **blunt** as... needs an urgent sharpening job.
2. These are the **tools we will use** to sharpen our 19mm, 13mm and 10mm gouges.
3. This is the **slide arm** that accommodates the tool-holding jig.
4. Picture shows the tool being fitted correctly to the **Tru-Grind jig**. The tool protrudes **50mm** in front of the jig. We cut out a 50mm corner section to facilitate consistency of extension length.
5. The tool is **loaded into the jig** ready to go.
6. Next step is to **set the slide arm** in the right place for accommodating the jig. The **red thingy template** is used to ascertain the **correct distance** from the grinding wheel. Note that the two points are NOT touching the wheel so an adjustment is needed.
7. OK got it. Now the **two points are touching** the wheel. Push the black lever **forward to lock** in place.
8. **Set the jig in the slide arm cradle** and rest the tool tip against the wheel. (35-degree angle will be set)
9. Position **both hands high up on the jig** for maximum control during sharpening.
10. Rotate the tool tip from **centre to one side**, with ***almost no pressure against the grinding wheel***. Too much pressure will cause the tip to overheat, and turn the metal blue. OK, now change hands and sharpen the other side of the gouge. Continue until a keen edge is achieved.
11. Use a small, **round diamond file** to remove any burr that might have occurred in the flute.
12. Use a **Woodcut Tri-gauge** to check your 35-degree angle set. **Yaaayyyy! All done!**

What's happening in our workshop?



COLIN spotted this idea of an emerging bowl in a current woodturning magazine and, hey presto here's an example made from super-quality matai wood



MAURICE's extra-special platter made from pohutukawa wood. (Note the subtle embellishment around the rim). This wood was once part of a bar top in the now-renovated Admiral's Arms Hotel in Coromandel Town.



CHRIS used matai wood to make his matching pair of salt/pepper shakers. One of the toughest tasks in woodturning is to replicate shape using only the age-old "eyeometer" for assistance. Well done Chris.



Our **DYLAN** has been busy again. This time it's with using an interesting piece of buckthorn wood. Undeterred by imperfections in the wood, Dylan simply fills the cracks and holes them turns them into a feature of the project.

