THE WEEKLY
TUTOR'S TIDINGS

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Hamilton Woodturners Club

www.hwoodturners.org

Week 31: 2nd Sept - 2016

TUTOR's comment and CLUB NEWS

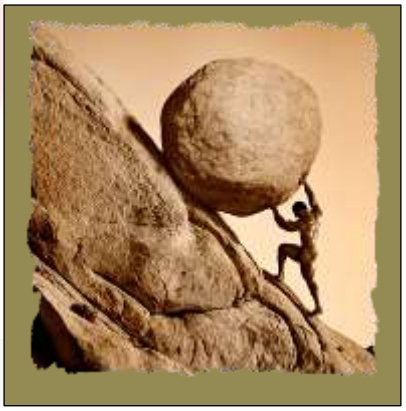
1. *And again members must be thanked for their generous support in the weekly fundraiser raffle. The funds raised put us closer to replacing our ancient drill press with a modern unit. (hopefully a variable control model)* ***Questions:*** *How many times do you consult the drill speed chart prior to using the old drill press for drilling a hole? How often have you needed to change the belt to alter the drilling speed?* ***Changing LATHE speeds by shifting the belt to another pulley is an constant action undertaken by all members - it's almost an automatic decision that turners take.*** *But this generally doesn't happen when members use the drill press. Drilling effectiveness is vastly improved when the correct speed for the job in carried out.* ***BUT…….****this may necessitate the shifting of the belt on the head of the drill press to another pulley. Maybe* ***drill press belt changing*** *just doesn't happen eh.*
2. *The new Tuesday course got off to a flier with eleven keen turners turning up for the all-day session. I have reserved a spot for* ***Cassandra Arthur.*** *Quite a number of projects were completed on* ***Tuesday.*** ***(check out the photographs section of workshop happenings.***
3. *On Wednesday of this week* ***COLIN McKenzie*** *spent a few hours sorting and gathering ready-to-use wood that was donated to the club by a group of fellow Te Awamutu woodies. Many thanks to our TA colleagues for thgeir generous offer. This wood has been well cured and can be turned as soon as members have a particular project in mind. Special thanks to Colin for his energetic support.*

4. *A working Bee is scheduled for tomorrow morning at the workshop starting at 9.00am. The tasks will involve: routine lathe maintenance; lathe repairs; lighting additions and some log wood processing. Support from many hands will very likely get the work completed in a short time ensuring members can be back home around lunchtime.*

114 days until Christmas

Cheers *Clive*

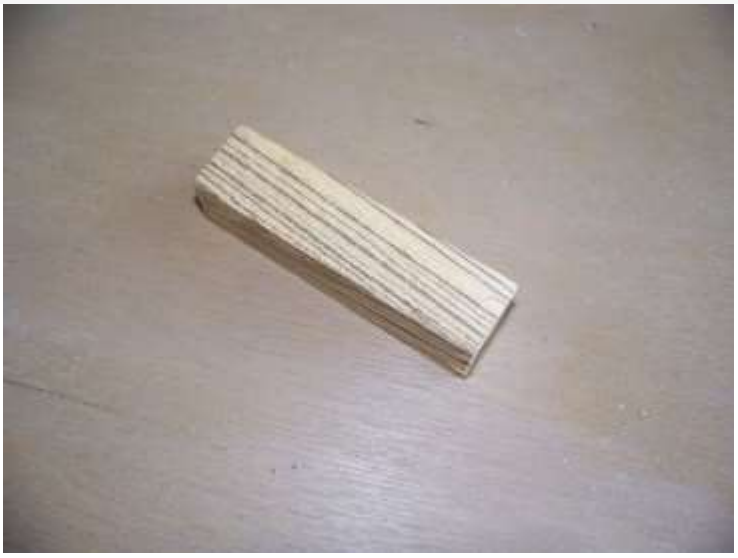
New Weekly Feature: "Have a Go" series



Have a go projects (1)

Turn a Wooden Whistle

Show All Items



Components/tools:

Good quality wood. Use a big "pen blank" size measuring: 25 x 25 x140mm

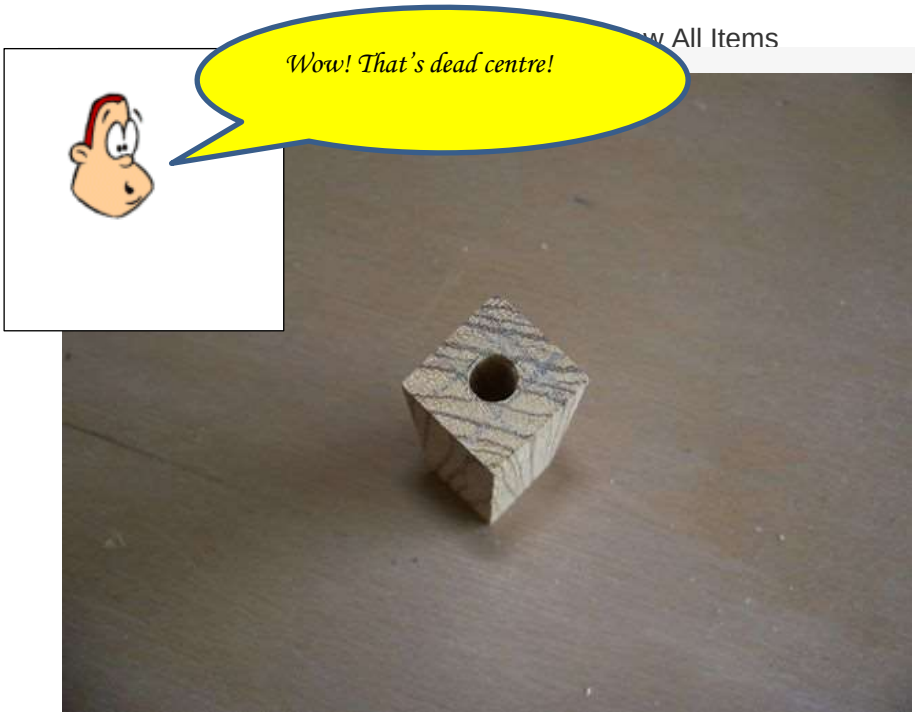
Brad point drill bit - 10mm

Dowel: 10mm.

Start by drilling a 10mm hole down the centre of the wood stopping the hole 25mm from the end.

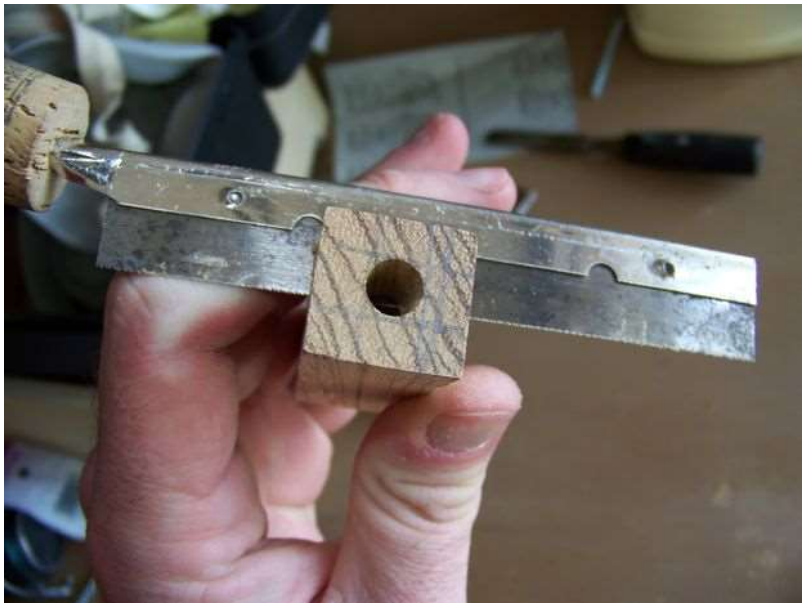
(i.e. Don't drill all the way through)

Show All Items



Helpful hints for drilling.

- Ensure you have **aligned** your lathe before you start work
- Start with a perfectly **square** section length of wood
- Mount the wood into special pen jaws or **pin jaws**
- Use a **brad point** drill bit placing the point dead centre
- Mark the drill bit with a felt pen to help gauge the **correct depth** of the hole.

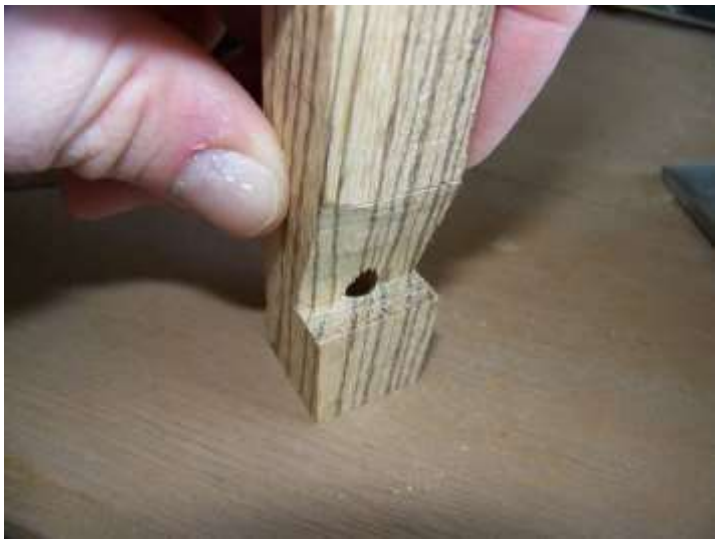


Start by using a **razor-sharp saw** to make a transverse cut approximately 25mm from the drilled end.

Cut down as squarely as possible.

Stop when the blade of the saw extends about 3mm into the hole.

Make sure you have a **sharp** chisel to use for the next step

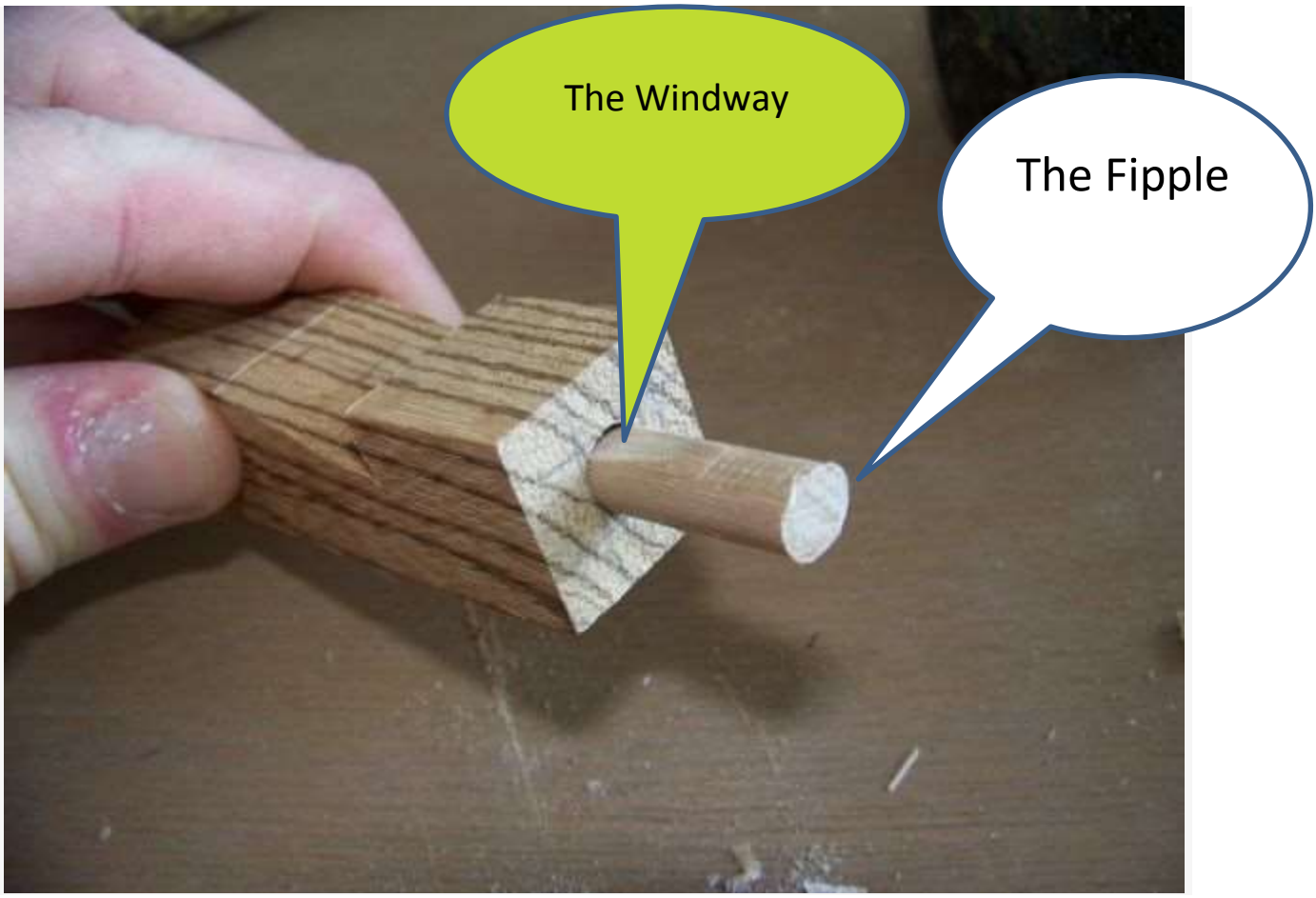


Now remove wood by **chiseling towards the slot** you just cut.

The cut angle should be about **thirty degrees.**

This chisel cut should be as **smooth** as possible.

Stop when you have sliced into the bored hole about **3mm.**



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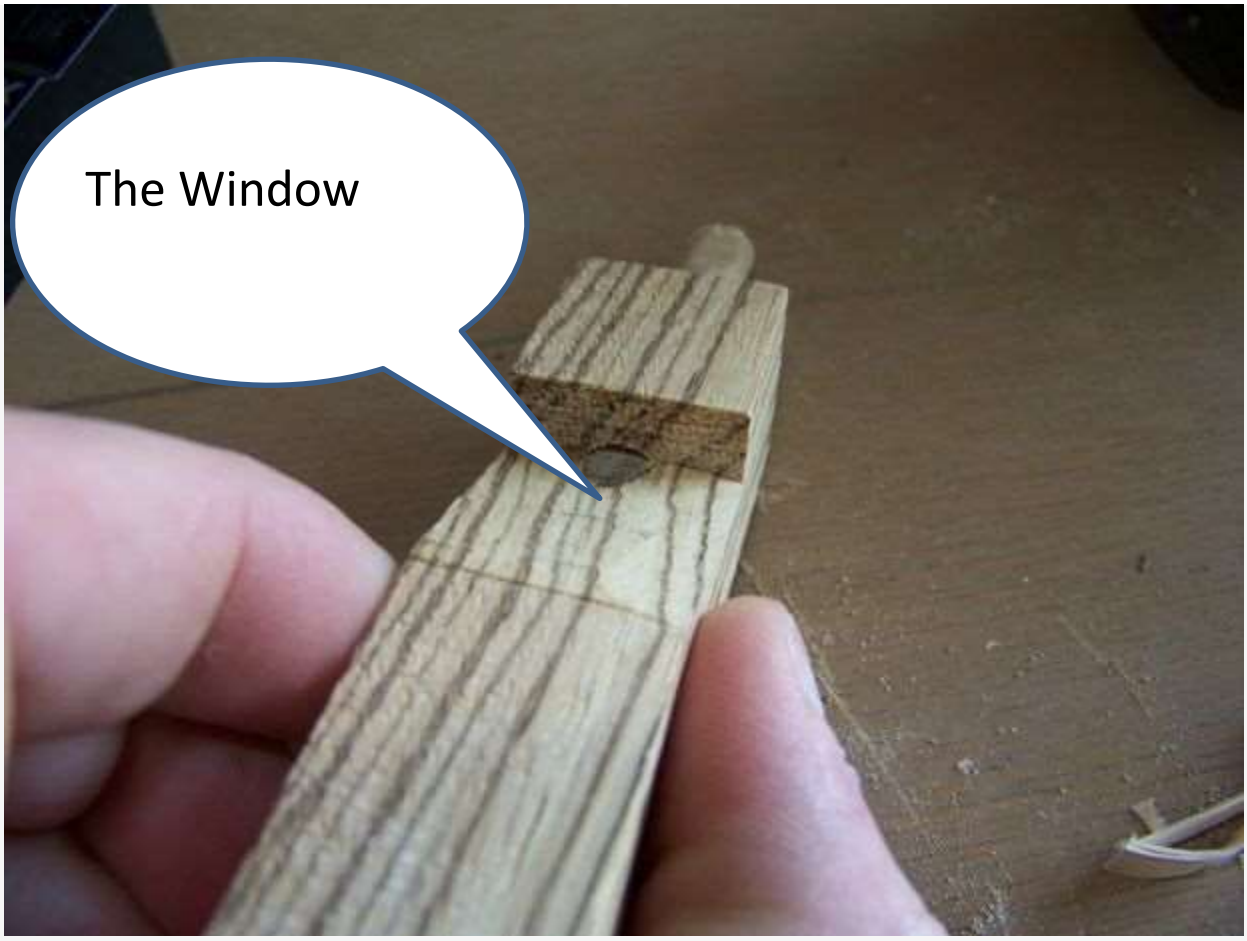
The Fipple: In order for the whistle to operate correctly a **windway** is needed to guide the moving air over the lip. A fipple does the job.

The **fipple** is made from a piece of 10mm dowel about 38mm long

Using the belt sander, abrade a **flat patch** onto the top of the fipple. OK all good? Now slide the fipple into the hole with the windway on the same side as the window, insert the fipple until the interior end is just in line with the window.

Give the whistle a test run with a trial blow. If the sound isn't what you want then you need to adjust the fipple by moving it forwards or backwards. Still not OK ? then try making another fipple and this time make changes to the size of the flat patch.

Persevere! … it will work. When all is well the next step is to super-glue the fipple into place. Make sure glue does not get in the windway.



Show All Items

Mount your squarish-looking whistle on the lathe.

Use a steb-centre drive at the solid end and a jam chuck to support the mouthpiece end.

Design and apply the shape that takes your fancy

CHRISTMAS is just around the corner. Grandchildren would love to have one or two of these whistles. Grandchildren's parents may not like them so much eh.

WORKSHOP HAPPENINGS

*Give **JAMES** a challenge and he invariably takes it on. **Left:** It was a piece of gummy kauri but now a snazzy pen. **Right:** Last week a piece of flat high-speed steel, this week a parting tool. Great work James.*

***JAMES** has a knack for making nifty pots. This one features three different woods.*

***CHRIS Littlewood** tried another turning adventure with his 24 coloured pencils project.*

***COLIN Stephens** found the time to make a clock using the plug cutter set for numerals.*

***JAMES** Galbraith learned how to use the roughing gouge in making his smooth bud vase.*

***JAN** is fast becoming the guru of pen making. Here's another fine example of her work.*

***MALCOLM** gets full marks for perseverance with his kowhai wood bowl. A top job! That Dremel tool comes in very handy.*

***GRANT** made an excellent job of turning a natural-edge cherry wood bowl. His artistic outcome features a stria-free finish and a high sheen.*

CHRIS *Kaan has finished his first-ever clock.*

This turning features bi-coloured wood dots made with the club's plug-cutting system. Chris has already launched into another, larger clock with a different design in mind.

A top effort here!

STEPHEN *has formed a close bond with Tasmanian Blackwood and, unsurprisingly, reckons it is now his favourite wood.*

Any turner would be pleased with the finish achieved on this turning. Its display of colour variations and grain patterns certainly add to its rather striking appearance.

COLIN *McKenzie has a natural flair for design and, with his positive give-it-a-go attitude, regularly surprises his turning mates with new ideas. This time it's an off-centre, white maire wood bowl. The blue gilder's paste over the ring of beads adds contrast.*

THIS WEEK's RAFFLE WINNER is:

-: DAVID ROSE:-

The club is very grateful for members' support.