

# THE WEEKLY TUTOR'S TIDINGS

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

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Week 29: 19th August, 2016



## TUTOR's comment and CLUB NEWS

1. Astra-dot sanding disks have been placed into labelled containers for club members to make a selection when using a mandrel for power sanding. These are on sale as a fundraiser to support the equipment replacement programme. Please place fifty cents per disk into the container provided. Many thanks!
2. Today's edition of the TT contains a **chart of appropriate drilling speeds** when using the club's set of **Forstner bits**. Members are asked to use this chart to ensure all steps have been taken to prevent further damage to the bits. The chart makes recommendations for drilling both hardwoods and softwoods.
3. A stack of kauri wood recovered from a young tree has been processed for future use by members. This includes slabbing and end-sealing.
4. Last night was the tenth and final session for Course No 3 so the Thursday-ites celebrated another 10-week learning journey with a shared supper and story telling. Next Thursday another evening course No 4 gets underway. (3 hours per session)
5. Next Tuesday is the fifth and final session for Course No.6. The following Tuesday another five-week (6 hours per session) begins. There are spots available for this course.
6. More equipment has been added to the club's list of turning tools including: seven rolls of astra-dot sandpaper; an extension bar for Forstner bit drilling; black CA (Starbond) glue; glue-hardening spray.
7. I have repaired the handle of the "bacon slicer" that is used for cutting with the large band saw.
8. **RAFFLE – FUNDRAISER**. Members are asked to include **a couple of gold coins** in their pockets for the next few weeks to support **a regular special raffle** of a parcel of turning goodies. This is just another fundraising initiative to support the new equipment and replacement tools programme.

Cheers *Clive*



# Information series

**THIS WEEK**

## **Caring for your Forstner-style drill bits**

I am often asked "What speed should I use to drill?" - when Forstner style bits are to be used for drilling. Here's a table of useful information that I found on the INTERNET. The site I searched has been a reliable source of info in the past years.

Please keep this information sheet handy in your tool boxes for future reference.

Use the following charts to get the best performance from your Forstner bits:

Bit Size (Imp) (= Metric)		SPEED - R.P.M.
3/8"	9.5mm	1000
1/2"	12.7mm	900
5/8"	15.8mm	900
3/4"	19.0mm	900
7/8"	22.2mm	700
1"	25.4mm	700
1-1/8"	28.5mm	700
1-1/4"	31.7mm	700
1-3/8"	34.9mm	600
1-1/2"	38.1mm	600
1-5/8"	41.2mm	400
1-3/4"	44.4mm	400
1-7/8"	47.6mm	400
2"	50.8mm	400

**Applicable for  
drilling  
HARDWOODS**

Bit size (Imp) (= Metric)		SPEED - R .P.M.
3/8"	9.5mm	1400
1/2"	12.7mm	1200
5/8"	15.8mm	1200
3/4"	19.0mm	1200
7/8"	22.2mm	1000
1"	25.4mm	1000
1-1/8"	28.5mm	1000
1-1/4"	31.7mm	1000
1-3/8"	34.9mm	800
1-1/2"	38.1mm	800
1-5/8"	41.2mm	600
1-3/4"	44.4mm	600
1-7/8"	47.6mm	600
2"	50.8mm	600

**Applicable for  
drilling  
SOFTWOODS**

**Are you drilling into end-grain wood?**

**Ok drill at a lower speed than what is shown on the drill-speed table.**

# WEEKLY Fundraiser RAFFLE



Starting next Tuesday, 23rd August, tickets for the club's weekly raffle will be on sale. Further tickets will be available on Thursday 25th August. From then on the raffle will be put up each Tues and Thurs. The weekly raffle will be drawn each Thursday night and if the lucky person is a Tuesday turner then the **result will be in Friday's TT**. Funding raised will support our new and replacement equipment programme.

The raffle each week (for six consecutive weeks) will be a useful prize of **FIFTY nifty sanding disks** comprised as follows: **10 X 120 grit disks; 10 X 240 grit disks; 10 X 400 grit disks; 10 X 600 grit disks; and 10 X 800 grit disks**. Grit sizes will be separated into labelled bags and the whole package will be housed in a plastic container.

Your support for this initiative will be greatly appreciated.

**\$1 per ticket**  
or seven tickets for  
**\$5.00**



## What's been happening in our workshop?



*DAVID G is right into tool making to support his turning. Here's a scraper!*



*Another project from **DAVID G**. This is a gizmo for holding weightlifting weights.*



***DAVID M** experimented with gluing two woods (kwila and WNI) into a block then turning the block into a bowl.*

*A fascinating result eh. David has also experimented with applying with a commercial shellac product for the finish.*



***MALCOLM** found an ancient totara post and fashioned it into a cruisy looking door stop. Visitors going through that door will certainly **stop** and look at the quality finish Malcolm has achieved.*

*This work has inspired others.*





*Pickled onions, sausage rolls, sandwiches, chocolate logs, cup cakes, lamingtons, and sweet-tooth cakes provided a feast for the team of celebrating Thursday turners.*

*So one course finishes but another one begins next week.*

PS: Apologies for not including photographs of turned masterpieces from **ROBERT** and **COLIN**. - I forgot!

**OK that's it for this week. Tomorrow night the All Blacks take on Aussie's Wallabies in a game for the Bledisloe Cup.**

**Prediction: All Blacks – Gold medal**

**Wallabies – silver medal**



***Can the All Blacks win without Australia's most-loved adversary?***