



VOL 7/20

PRESIDENT'S REPORT

JULY 2020

Welcome to Talking Turning for July. I hope all members are well.

Just when we thought we were going forward Melbournians have had to take two steps backwards - or six weeks if you are measuring in time rather than distance. We had hoped to be resuming activities at the cottage as much as the restrictions would allow but we will have to wait before this will happen.



Before the lockdown I managed to receive a few pens for Pens for the Troops. Cliff has done a wonderful job with some segmented pens and Gary Jenvy has produced a couple of pens as well. I know there are many others who have made or are making pens. Thank you to you all. There are a number of pen kits still available for those who have not made any or would like to make some more. Please let me know your interest if you would like to support Pens For The Troops and we can work out how to get the kits to you.

It was good to see the efforts of those who took part in the challenge to do some embellishing due in June. The next challenge (or project) is to make toys for Country Hope. These need to be unfinished so that the children are able to paint them.

It is good to see the reports on WhatsApp. Even if we can not meet together those of us on WhatsApp can still see what others are up to. Please try to post your efforts as it is a great encouragement to others.

I had thought The Pendemic would be nearing its final edition but with the extended lockdown it seems there may be a few more to come. Contributions are always welcome and I am sure all members will appreciate the extra matter to read while we are all in lockdown.

I encourage you all to keep active during the lockdown, try to keep in touch with other members through WhatsApp, email or by phone, and remember the toys for Country Hope.

In the meantime, keep well and keep turning.
Richard Jardine.

WORK FROM MEMBERS



Bruce Black made the bowl from Red Gum from Lake Eppalock, some pens for the troops same Red Gum and Stringy Bark

and Vic Ash. The platters are Blackwood saved from the firewood heap.



More pens for the troops, on the left Di Birmingham used Silver Wattle and above Gary Jenvey used Red Gum.



Ben Edsall has a friend who teaches furniture making and made this treadle lathe, he has left it with Ben for a thorough testing.
On the right John Osborne2 made these pens from Qld Walnut, Blackwood, Black Heart Sassafras and two Black Walnut.



Graham picked up these two antique Kokeshi Dolls when in Japan and has used them as inspiration for the rest of the dolls which he has made for the Camp Hope toy appeal.



The following demonstration is by Peter Oppenheim from 2015.
Don't forget to check out the notices at the end of TT.

FEBRUARY DEMONSTRATOR – Peter Oppenheim

Our demonstrator this month was Peter Oppenheim of Peninsula Woodturners. Peter demonstrated the making of his incised plate with insert. Peter was kind enough to provide us with a two page handout detailing the steps. If you missed out on a copy or weren't at the demo, there is a copy available in the plans section of the member's area of the website.



Peter outlines the construction of the incised plate (right) prior to commencing the demonstration.



Peter starts by preparing a suitable blank of close grained timber such as Red Gum, Leatherwood or Myrtle (in this case a 300mm by 40mm piece of Tas Myrtle). He uses the jig at left to mark the circle and uses the nail to mark centre prior to cutting out on the bandsaw.

The blank is mounted to the home made screw chuck at Right. Peter uses 3 pieces of hardwood glued with grain at right angles and drilled and tapped to suit the headstock (note the holes drilled in the side to fit the bar to tighten and unscrew the chuck. A waste block is then glued to the chuck on which the blank is mounted using Titebond III.



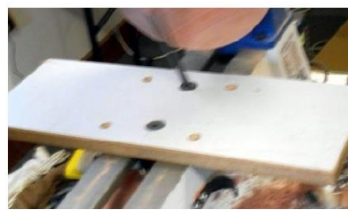
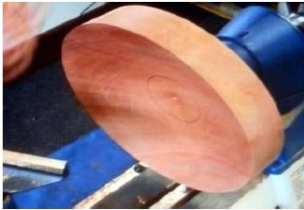
Blank mounted on the lathe.

He prepares templates to match the inside curve of the plate. Keep the concave offcut as that will be used to prepare a chuck when reverse chucking.





The inside is then turned using a bowl gouge with a fingernail grind. The curve is frequently checked with the template during turning. When the profile is close to the template, final cuts are taken using a negative rake scraper. The inside is then power sanded through the grades until a fine finish is achieved.



A circle is marked in pencil to match the inside groove and the router table is attached to the bed. Peter's router bed is made of laminex covered MDF. The router is mounted on a base so that the cutter is in the centre of the headstock spindle. Routing is performed using the lathe indexer and the lathe turned off.



The router bit can be any suitable size although Peter indicated that the smaller cutters can look better. The cuts should be about 5mm or so deep (depth is set using the guard on the front of Peter's jig). Cuts are made from the penciled circle mark previously made all the way to the edge. Take several cuts each progressively deeper all the way to the full depth. Make the cuts at each index position. **Use eye and ear protection!**



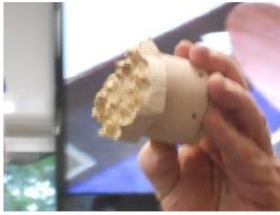
Once all the grooves are cut, drill a hole with a bit smaller than the incised grooves all the way through the blank in a few of the grooves at the pencil line. These will indicate the end of the lines when turning the back.



Set up the router cutter at the circle pencil line and clamp on two pieces of timber to act as guides. Ensure that the router can slide easily back and forward without sticking. The circle can then be cut by manually rotating the piece.



At this point Peter prepared the insert for the centre of the plate. In the sample plate he had used mother of pearl mounted in a turned ring of Gidgee. For the demo though, he used Eucalyptus burl and Gidgee.



The burl was mounted on a glue chuck using hot melt glue. The edge was then trued up taking fine cuts to ensure that the glue doesn't let go. Once the edge is true, turn a bevel on the edge and clean up with a skew. The same method is used on the Gidgee, turning the centre to match the burl and a bevel on the outer edge. Take a measurement of the diameter of the gidgee at around the centre of the bevel (the average diameter). This will be the diameter of the recess in the plate to hold the insert.



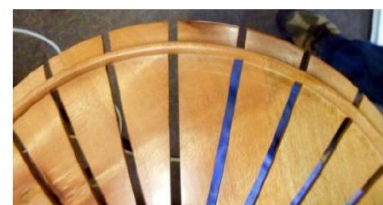
Remount the plate and turn a concave recess at the diameter measured above. Glue in the insert – Peter prefers epoxy (Rapid Cure from Carbon Fiber Australia P/L – www.carbonfiber.com.au)



To turn the back, the piece is mounted on a threaded live centre and mounted in the tail stock. A wooden faceplate with a rubber face is mounted on the headstock spindle to drive the piece and the tailstock moved up so that the inside face of the piece is engaging the rubber. Lock down the tailstock and drive the piece in tight using the hand-wheel and lock down.

Unfortunately, due to lathe stability issues Peter couldn't turn the back but described the process in detail.

Hog out the back using a bowl gouge to a thickness of around 25mm then working from the outside to just past the outer ring, using a thin parting tool and frequently checking depth, bring the outside of the plate down to the thickness of the outer ring. Mark the outer ring and bring both sides of the ring to final depth. Form a bead on the outer ring and then bring the inside to final depth to the drill holes and then power sand through the grades.



Detail of outer ring

To remove the glue chuck and finish the bottom the turner can use Cole Jaws, Vacuum chuck or a shop made donut chuck. Peter usually uses a vacuum chuck to hold the plate in the center (where there are no incisions). If no vacuum chuck is available, the next best method is the shop made chuck. Below.



Mount a piece of timber with a 50mm or so bigger diameter than the bowl on a face plate and true the edge. Mark the exact diameter of the bowl and using the concave template saved from cutting out the inside template, turn a curve to precisely match the inside curve of the bowl followed by a lip to securely hold the bowl edge. Make the donut ring the same diameter as the chuck and turn out the inside to fit the outside curve of the plate with a diameter of the outside ring and glue on foam rubber to protect the plate. The plate is then sandwiched between the ring and the chuck and held securely with screws.

The glue chuck can now be turned off and the bottom completed the turners preferred way and the plate finished with the finish of choice.



Some images of the sample platter that Peter brought in. We are looking forward to seeing a few of these appear at a future Show and Tell.

NOTICES

EXTRA READING

John Osborne2 has passed on two articles on foodsafe finishes for woodturners I will forward them to you as separate attachments, they make for interesting reading

PENS FOR THE TROOPS

If you would like pen kits for turning some pens for the troops please contact Richard to arrange delivery.

TOYS FOR CAMP HOPE

The Guild is continuing to turn toys for 'Camp Hope'. Please have a go at turning something, remember they do not need a finish. We will somehow arrange delivery.

MONTHLY MEETINGS

25th.JULY.

Zoom meeting at 9.00am. A link will be sent for you to join. You don't have to have loaded the app just click on the link and it should take you there.

22ND.AUGUST

Zoom meeting again
AGM postponed until. September meeting.

26th.SEPTEMBER

Hopefully we will be able to meet and have the AGM.

CARBA TEC 15% OFF

Paid up members of Koonung Woodturning Guild are eligible for 15% discount at Carba Tec. You will be issued with a card when subs are paid.

KOONUNG WOODTURNERS GUILD INC.
Promoting Excellence and Fellowship in Woodturning
 Reg. No. A0033752T

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	Roger Annells	8 Windsor Street Kew	0414 503 344
Newsletter Editor	Rick Hillier	e-mail: eric.hillier1@gmail.com	

The Koonung Woodturner's Guild meets at 9.00am
 on the fourth Saturday of each month at
 109 Koonung Road Blackburn North 3130



2019 AWTEX Exhibition
 Cliff Walsh 3rd. place open Laminated
 Mahogany, Ebony, Silver Ash, Acrylic finish

If unable to deliver please return to Richard Jardine 15 Cunningham St. Box Hill 3128