



VOL 09/21

PRESIDENT'S REPORT

SEPTEMBER 2021

Hi All

The September meeting will be our AGM. Unfortunately, it will have to be a Zoom Meeting. Details of the meeting will be forwarded to you soon. As is required all positions will be declared vacant, however Tom Beswick has indicated that he will not be seeking re-election to the Committee. I would like to take this opportunity on behalf of the committee and members to thank him for his contributions to the guild over the past years. Please consider nominating for a position on the committee.

Whilst we have continued to be thwarted in lockdown, it has been good to see some members keeping in touch through "Whats App", exchanging ideas and photos of completed turnings. The President's challenge is due in October which is a Christmas decoration of your choice, and these will be displayed at show and tell in October.

There have been some fine examples of toys for camp hope shown on "Whats App". The toys were to be collected at this month's meeting, but that will not be possible, so we will organise a pickup/drop off arrangement as we did last year. If you have toys to donate, please send me an email at eric.hillier1@gmail.com and we will in contact with the details.

It has been decided not to make toys for the Christmas break up this year.

Stay Sharp

Rick Hillier
Vice President

NOTICES

LOCKDOWN

SEPTEMBER MEETING – 25TH SEPTEMBER

AGM Meeting

Again due to the Covid Lockdown this years AGM will be conducted via zoom, details of the meeting will be emailed to members shortly

COMMITTEE POSITIONS

The annual general meeting will be held in September with all positions to be declared vacant. If you are interested in serving on the committee in some capacity, please contact any of the existing committee.

With Richard moving to Tasmania the President's position is available. We would also like to fill the position of "Web Master", looking after our web site. Some of our younger members who have computer experience may like to take over this position.

OCTOBER MEETING – 23 OCTOBER

President's Challenge.

Items for the Presidents Challenge are due – [see below for the details of the challenge.](#)

NOVEMBER MEETING – 27 NOVEMBER

As there are too many unknowns to organize a Christmas Lunch we are hoping that at a minimum we will be able to meet in a Park, similar to the meeting last year. Watch tis space for further details

HEALTH AND SAFETY

It was proposed to commence the implementation of the Heath and Safety rules in October. Unfortunately due to the Lockdown the implementation has been deferred until next year when we can meet face to face.

The committee is currently reviewing all the existing safety policies and procedures and we hope to be able to report back to you in the next few months. This may result in all members doing a refresher course.

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.

PRESIDENT'S CHALLENGE

This challenge is to produce a Christmas Decoration. It can be a decoration of your choosing, something to hang, stand or show off a candle. A table centre piece, door wreath or a bauble. Something to showcase your skills

There will be 2 judging categories, Novice and Experienced, with a small prize for the winners of each category.

PICTURES SHARED ON WHATSAPP



Graham Besley

Red gum bowl, 400 Diameter

Ian Phelan

“Some dolls house people for the kids.”

Richard Jardine questioned

“Are they breaking lockdown restrictions if they are having a gathering?”



Gary Jenvy

“An experiment for me laminating timbers. French oak and red cedar.”

Bruce Black's other hobby

“I've been busy in lockdown - just not on wood turning. It's an insulated bee hive - two layers of ply sandwiching foam and a pine frame.”



Gary Jenvy

“Mini bird box hanging ornament. Carmelia and silky oak. Danish oil finish”.



Graham Besley



“Great to see the Camp Hope creations coming along. Some “Anamalz” again this year are my input”

Di Bermingham commented

“What a great imagination! Well done Graham!”



Di Bermingham' s GIRLS and a needle case in spalted Maleluca

Neale Rees commented
“You have been busy Di.
Nice work”

Di Replied
“Thank you I'm really
really enjoying it Neale!”





Graham Besley

“Recent item I shared at yesterday’s zoom meeting. Great to see some friendly faces. Hope those members who were unable to join us are doing OK. Let us know what you have been up to to beat the lockdown blues.”

Graham Besley’s hollowing tools

“Ian, as discussed these are my two deep hollowing tools. The one with the smaller hook is my workhorse tool.”



Max Lehmann’s
Snow Family



Hello



Goodbye

Richard Jardine commented

“Hi Max.

These look great now that you have finished them.”

Max replied

“Yeah they are a bit of Christmas fun, Snow Family.”



Graham Besley

“Keeping somewhat motivated. How is everyone going, hope you are ok. This piece is from NG rosewood.”

Richard Jardine commented

“You have a good eye for shape Graham. Shape or design is so important. Andrew Potocnic points out that the colour of the wood may change but the shape won't.”

Ian Phelan -

“Just hit some Jarrah with EEE ultra shine, came up very well, as did some sanding marks I had not noticed. I recall something about spraying with water or something to check for sanding marks as you work. Was it water, or something else.”

Rick Hillier

Ian, use metho because it dries quicker.

Graham, as usual a well thought through piece and extremely well executed

Graham Besley -

“Alan always tells us to take the work out into the sunlight to look for marks. Look forward to seeing your piece Ian.”

Any other tips on sanding marks would be useful



Ian Phelan

My deep hollowing system almost complete. The Jarrah I mentioned the other day is the handle for the curved tool. Bought Pops shed curved tool, but the screws for the tip are too big ! Will call them tomorrow.

Not intending on using the square ended chisel with the system, only made it cos the tip came in a set with the round one.

GUEST DEMONSTRATOR AUGUST.. LEWIS HARPER.

Lewis demonstrated three items that he regularly makes and sells at craft shows. Lewis shared many of his tips on spindle turning and tools he uses, many developed to allow fast turning of production numbers.

Lewis recommends using Silber Gleit (a non blocking dry lubricant) for keeping the lathe bed running smooth.

Likes to turn at 3000 revs and hold his thumb near the tip of the roughing gouge to deflect shavings away from his face. Primarily uses P&N tools. Has a home made stand to hold his many tools.

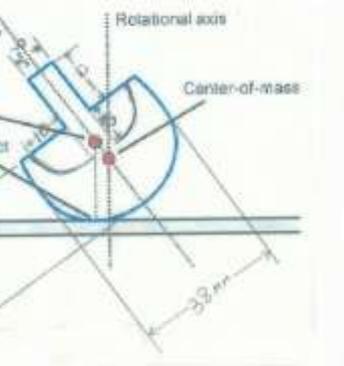
Lewis reckons that left handers have a distinct advantage for spindle turning as he does not need to



Shopping bag holder; was turned with roughing gouge then finishing cuts and ends cut out with a skew. Sanded to 400 then polished with a paper napkin. Oiled with 'U Beaut' ultra shine then Glow. Lewis encouraged us be proud of our work and sign every item. (Wood used not identified. could it be lava tree



Childs Spinning Top; turned with a 3/8" bowl gouge and end hollowed out aprox 10mm with a special gouge made from McJing tool steel. Likes to decorate with rings that are highlighted by burning with a wire. Critical for bottom to be smooth round shape and for the stalk end to be square. Finished with a child safe non toxic oil consisting of bees



Knitting Nancy; Made using desert Ash.

Hole drilled out using a 'gun barrel drill' , ends rounded with special shaped scraper. On hard wood, bees wax will aid lubricating the boring process.

Uses super glue (loctite 401) and sanding dust to fill cracks and holes. Keeps sanding dust in an old salt container as this allows easy dispensing of the dust.

Uses brass escution pins for the 4 or 6 top wool holders that are drilled then nailed in place..

Bottom end is parted from chuck and held in a jam chuck to finish turning. Lewis has a metal rod that he uses for the jam chuck.



Home made tools; Special profile tool to turn bell shaped ends. Parting tool is made from old industrial hacksaw blade. Ring & cone drive spur turned on lathe, metal softened by heating and slow cooling.



Heat Treating Metals. Lewis discussed this topic briefly when discussing making home made tools. Ed. has taken the following extract from a Wikipedia article on the Web. My conclusion is you need to know what you are doing to successfully heat treat home made tools.

Metallic materials consist of a microstructure of small crystals called "grains". Heat treatment provides an efficient way to manipulate the properties of the metal by controlling the rate of cooling within the microstructure. Heat treating is often used to alter the mechanical properties such as the hardness, strength, toughness, ductility, and elasticity. Proper heat treating requires precise control over temperature, time held at a certain temperature and cooling rate.

Annealing consists of heating a metal to a specific temperature and then cooling at a rate that is generally slow. Annealing is most often used to soften a metal for cold working and to improve machinability.

Quenching is a process of cooling a metal at a rapid rate. In ferrous alloys, this will often produce a harder metal, while non-ferrous alloys will usually become softer than normal. Upon being rapidly cooled, the quenched hardness of a metal depends on its chemical composition and quenching method. Quenching a certain steel too fast can result in cracking. As temperature is increased, an iron oxide surface layer grows in thickness, changing the color. These colours, called tempering colors, have been used for centuries to gauge the temperature of the metal. At around 176°C the steel will start to take on a very light, yellowish hue. At 204°C, the steel will become a noticeable light-straw color, and at 226°C, the color will become dark-straw. At 260°C, steel will turn brown, while at 282°C it will turn purple. At 310°C the steel turns a very deep blue, but at 337°C it becomes a rather light blue.

Stress relieving is a technique to remove or reduce the internal stresses created in a metal. Stress relieving is usually accomplished by heating a metal below the lower critical temperature and then cooling uniformly.