



Great Falls Woodturners Newsletter

www.gfturners.org

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Safety

Safety.....It is incredibly important that we, the Great Falls Woodturners, practice any and all safety in our craft. Over the years I have seen individuals that have not practiced safety and suffer the consequences. That, coupled with the safety training I received throughout the years, is why I would like to emphasize and practice safety.

One of the most important safety items that we can do is use a face shield while operating a lathe. A club rule is that while operating the club lathe **the person must wear a face shield.** So, I ask you all to wear a face shield especially when providing us with a demonstration using a lathe!).

Please note that there is an updated 'Safety is Your Responsibility' article for your review in this newsletter.

Club Demonstrations

Kelly Treat – August 16th

Spigot and Hub Hollow form Definition: Turning a couple pieces of flat wood into a beautiful hollow form. And we saw it accomplished right in front of our eyes. **Kelly Treat** did just that with an outstanding demo on taking a couple of pieces of flat wood turned into a great little hollow form.



With his usual cheerful demeanor, Kelly explained the method of what the process encompassed and then proceeded to explain mounting the

wood, turning the pieces and all of the processes of measuring and ensuring the pieces fit into each other to form a perfect hollow form.



He emphasized the importance of each step such as turning the pieces, sanding, finishing the insides, showed us how to glue it together and finish the bottom and top.



When he was finished, most, if not all of us, left the demo with the confidence that we could make a nice hollow form using his procedures. A DVD is available for purchase of \$5.

We really appreciate Kelly providing us with another outstanding demo. Thanks Kelly.

Please see the diagram at the end of the newsletter that Kelly provided as a handout during the demo.

2014 Club Picnic

This year's club picnic was excellent in every way. From the weather, the food, the wonderful environment provided by our great hosts, **Kathy and Barry Rockwell**, to the attendees, it couldn't have been better except for one fact: a larger participation by the club members.

Regardless of that fact, a great time was had by all. We enjoyed the food and then the deserts, especially the ice cream provided by **Jan and Jerry Hall**. They gave us the delicious ice cream.



We appreciate so much that Kathy and Barry open their homes to our club to give us an excellent place to hold the picnic and all their hard work.



As usual Barry had something new to show the turners and this year was great. He demonstrated a new skill and tool that he learned about on their woodturning cruise to Norway. He showed us a Ring Tool that is used in

hollowing and then gave us a demo on turning a bell. We had the opportunity to try the ring tool and most, if not all, of us gave it a try. I would bet that there will be orders for the tool that performed wonderful.

A very special

Thank You

To Kathy and Barry for being such wonderful hosts!



We hope they enjoy having a nice dinner on the club for their wonderful generosity

Club Meeting & Demo Schedule

**Sat Sep 20 Demo – Wayne Petrini

*Tues Oct 7 Meeting and Demo – Tom Krajacich – Duck & Goose Call

**Sat Oct 18 Demo – Rich Charlson & Kelly Treat

*Wed Nov 5 Meeting (Change due to Election Day on Nov 4th) - Demo – Paul Snyder

**Sat Nov 15 Demo - Sam Sampedro

*Tues Dec 2 Meeting and Demo – Jay Eklund

There is no 3rd Saturday of the Month Meeting in December since it's too close to Christmas

* 6:30 PM

** 12:30

Perpetual Bowl

The 'Perpetual Bowl' will resume at the October meeting.

Thank You

A Very Special Thanks to Tom Krajacich for repairing the club's lathe knockout tool. Tom took the tool home and manufactured a new brass tip and

installed it on the tool so we can use it again.

TIPS

Educational Tip – David Stratton

Have you ever turned a top, I mean a real old fashioned top that uses a string to get it going? Would you like to? If yes, take a look at the following video to see how it's done. The gentleman that does the demo, does a great job showing the **safe** techniques to do just that.....enjoy!

<http://www.popularwoodworking.com/woodturning>

Select Episode 10.



A pencil mark from top center of tailstock will produce a mark slightly larger than 1 7/8" (48mm), which is the largest tenon that will fit into the Tekna-Tool Nova midi chuck. Marking from the top flat corner of tailstock will produce a line just over 2 1/16" (52mm) for a larger tenon to go into most other chucks.

If you cut the tenon a bit smaller, it will still fit into your chuck. This pencil tricks works on 3520 Powermatic, Jet 10"x14" and 12"x 20" -- check to see if it will work on your lathe.

Lee Sky, Oakland Park, FL

Shop Tip – AAW Easy Tenon Measuring

After truing the ends of your turning blank between centers, you can mark to cut a tenon for chucks with #2 jaws on your mini lathe by placing a pencil atop the tailstock, then touching the spinning wood.

Shop Tip – Tom Krajacich

Protect Your Spindle

The threads on the spindle on your wood-turning lathe can be damaged unintentionally causing threading problems for chucks, etc.

A simple way to protect them is a properly threaded nut that can be left on the spindle when it is not in use. In this case, my lathe has a 1"x8 TPI spindle.

These nuts can be picked up at Big R, Fastenal, or Gerber's for your lathe's spindle dimension.

The nut can also be used to unseat headstock drives without the use of a knockout bar. Just lock your spindle and unthread the nut and it will unseat the drive that is in the morse taper (see photo).



Simple Tip. Happy Turning. Tom Krajacich

Appreciation

Editor's Comment: My thanks to the following individuals who helped with the content of this newsletter:

David Stratton
Tom Krajacich
Barry Rockwell

Instant Gallery

Instant Photos

(Great Photos by Paul Snyder)



Kelly Treat



Kelly Treat



Kelly Treat (Piece made during demo)



Sam Sampedro

Remembering an Excellent Cruise

Barry & Kathy Rockwell's Norway Woodturning Cruise, August 11-23, 2014

Kathy & I left Great Falls, MT, at about 1:30 PM on Sunday, August 10, and due to a 1 hr delay in Minneapolis, and a 3 hour delay in Amsterdam, we finally arrived at the M/S Gann in Stavanger, Norway, at about 6 PM on Monday evening, August 11. All day long I had been looking around for someone who looked like a woodturner, and in the Amsterdam Airport a guy walked up with a gray beard and a "Lee Valley" cap and I said "now there's a woodturner". I was correct, and Mitch and Sue from Northeastern Oregon became great friends and companions. The entire trip was a delight to both Kathy and me, and exceeded all of our expectations.

All the meals aboard were delicious and included a lot of Norwegian favorites. We had a lot of fish, reindeer one night, chicken fixed in different ways, and fish. I love fish but I was never able to bring myself to try the anchovy paste, caviar, or pickled herring on toast in the mornings. Seems like the Norwegians were crazy about it though. Luckily there was always plenty of fresh fruit at breakfast.

There were passengers from 16 countries on the cruise. More than half the passengers brought their spouses along, as did some of the demonstrators. There was not only woodturning, but also pyrography, carving, knife making, belt weaving, felting, sewing, and, oh yeah, fishing. Since Jimmy Clewes didn't make it on the trip, I had to appoint myself as the lead fisherman. Indeed I fished at almost every dock we stopped at and almost always caught fish, the largest being a 6-7 lb Pollock. Six or seven other passengers bought rods and reels on the trip because they saw how many fish I was catching.

The demonstrations and lessons and open woodturning went on continually. One could sign up for a lathe to use on your own, or make arrangements with one of the instructors to work with them on a specific project. I got to work with Michael Hosaluk making a goblet using his hook tool. Richard Raffan coached me through making a lidded cross grain box and making multiple beads. Asmund Vignes from Norway gave me a great lesson with the ring tool. I worked with Stuart Mortimer on making a double twist. Margaret Garrard from the UK showed me how to make a flower with involuted turning. Kathy learned how to weave a belt from Jim Sterling, a very entertaining Aussie, did a lot of wood burning with Bob Niell from the UK, and took a pyrography class with Cynthia Gibson. There was never a lack of something interesting to do or see. We went 12 days without newspapers, TV, or radio, and never missed it.

We were in a different port every day for from 4 to 8 hours. Kathy and I didn't go on any of the organized tours, but did a considerable amount of walking around some of the towns and villages. On August 16 Kathy turned 71 so I got her doing some wood burning with Bob Niell so I could sneak off the boat for a while. I walked into town (Tromso that day) and bought her a beautiful Norwegian merino wool sweater and a birthday cake. That evening after dinner, I went to our cabin and got the cake and sweater and gave it to her in the dining room. I was a star with all the ladies from then on because I was "so sweet". It was also Michael Gibson's birthday so we shared the cake with him and Cynthia.

During the cruise we crossed the Arctic Circle and they had a big ceremony with King Neptune and the whole nine yards. Everyone aboard got a certificate saying that they had crossed the Arctic Circle. That afternoon we docked at Honningsvåg, the most northerly city on earth. The entire trip was filled with amazing scenery and experiences, and making new friends, and learning new things, and, oh yeah, catching fish. It was truly the trip of a lifetime for both Kathy and me. I'm pretty sure everyone on the ship felt the same way.



Woodturning ????



Woodturning????









Great Falls Woodturners

2014 Turning Club Meetings/Demos

Sat Sep 20	12 to 4 PM	Demo – Wayne Petrini
Tues Oct 7	6:30 to 9 PM	Meeting and Demo – Tom Krajacich – Duck & Goose Call
Sat Oct 18	12 to 4 PM	Demo – Rich Charlson & Kelly Treat
Wed Nov 5	6:30 to 9 PM	Meeting (Change due to Election Day on Nov 4 th) - Demo – Paul Snyder
Sat Nov 15	12 to 4 PM	Demo - Sam Sampedro
Tues Dec 2	6:30 to 9 PM	Meeting and Demo – Jay Eklund

The following dates are tentative and are subject to change

Tues Jan 3	6:30 to 9 PM	Club Meeting and Demo
Sat Jan 10, 17, 24, 31	12:30 to 4 PM	Segmenting Classes
Tues Feb 3	6:30 to 9 PM	Club Meeting and Demo
Sat Feb 21	12:30 to 4 PM	Demo
Tues Mar 3	6:30 to 9 PM	Club Meeting and Demo
Sat Mar 21	12:30 to 4 PM	Demo
Tues Apr 7	6:30 to 9 PM	Club Meeting and Demo
Sat Apr 18	12:30 to 4 PM	Demo
Tues May 5	6:30 to 9 PM	Club Meeting and Demo
Sat May 16	12:30 to 4 PM	Demo

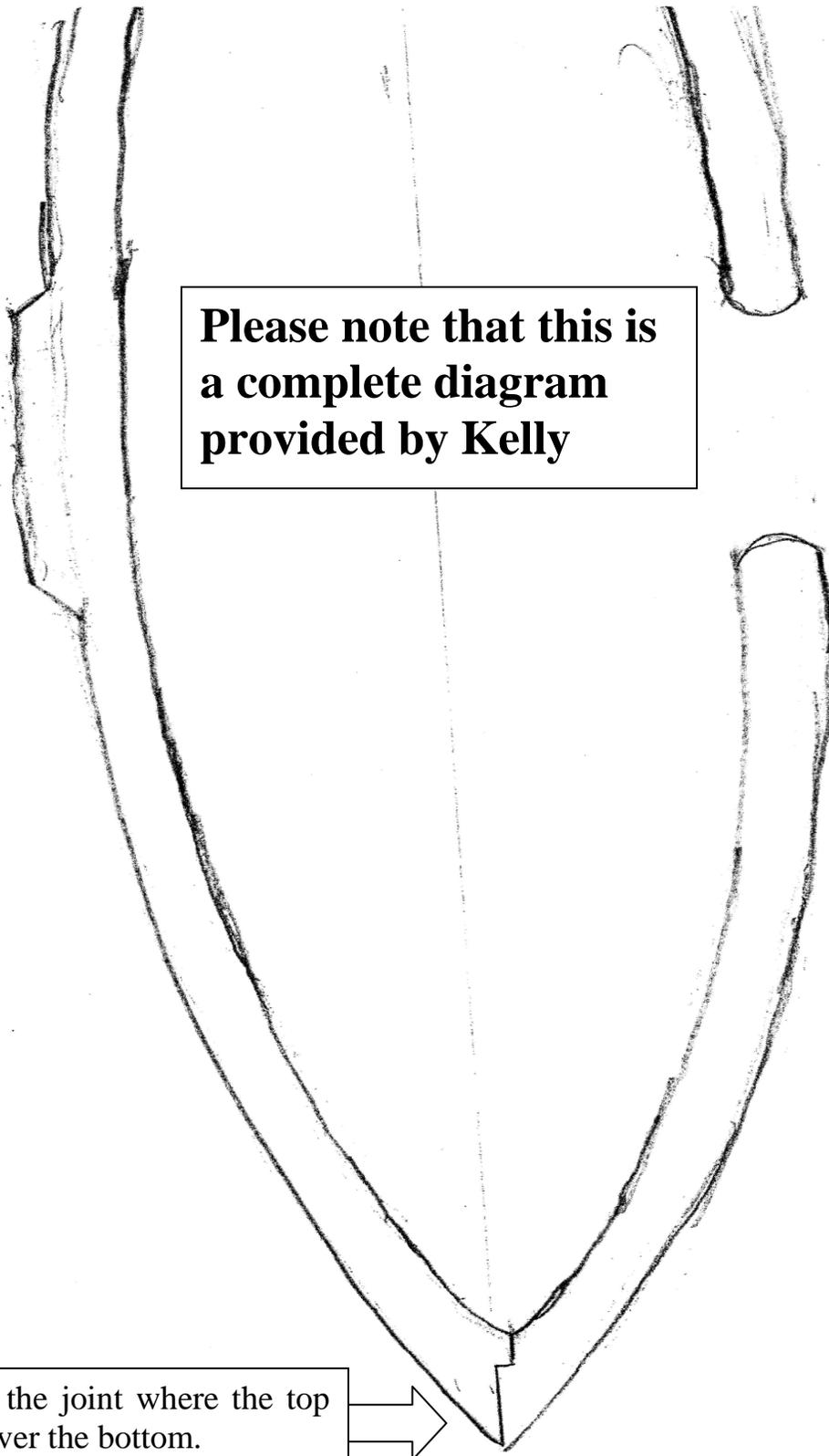
Safety is **YOUR** Responsibility

1. Always wear safety goggles or safety glasses that include side protectors. Use a full faceshield for bowl, vessel, or any turning involving chucks and faceplates.
2. Fine particles from a grinder and wood dust are harmful to your respiratory system. Use a dust mask, air filtration helmet, proper ventilation, dust collection system, or a combination of these to deal with this serious issue. Be especially mindful of dust from many exotic woods, spalted woods, or any wood from which you notice a skin or respiratory reaction.
3. Wear hearing protection during extended periods of turning.
4. Turn the lathe off before adjusting the tool rest or tool rest base, i.e., banjo.
5. Remove chuck keys, adjusting wrenches, and knockout bars. Form a habit of checking for these before turning on the lathe.
6. Tie back long hair; do not wear gloves; and avoid loose clothing, jewelry, or any dangling objects that may catch on rotating parts or accessories.
7. When using a faceplate, be certain the work piece is solidly mounted with stout screws (#10 or #12 sheet metal screws as a minimum). Do not use dry wall or deck screws. When turning between centers, be certain the work piece is firmly mounted between the headstock driving center and tailstock center.
8. Ensure the belt guard or cover is in place.
9. Check that all locking devices on the tailstock and tool rest assembly (rest and base) are tight before operating the lathe.
10. Ensure the blank is securely fastened.
11. Rotate your work piece by hand to make sure it clears the tool rest and bed before turning the lathe on. Be certain that the work piece turns freely and is firmly mounted. A hand wheel on the headstock simplifies this process of spinning the lathe by hand before turning on the switch.
12. Be aware of what turners call the "red zone" or "firing zone." This is the area directly behind and in front of the work piece, the areas most likely for a piece to

travel as it comes off the lathe. A good safety habit is to step out of this zone when turning on the lathe, keeping your hand on the switch in case you need to turn the machine off. When observing someone else turn, stay out of this zone.

13. Always **check the speed** of the lathe before turning it on. Use slower speeds for larger diameters or rough pieces and higher speeds for smaller diameters and pieces that are balanced. Always start a piece at a slower speed until the work piece is balanced. If the lathe is shaking or vibrating, lower the speed. If the work piece vibrates, always stop the machine to verify why. As a starting point, consult your operator's manual for recommended speeds for a particular lathe. Ensure the lathe speed is compatible with the size of the blank.
14. Exercise extra caution when using stock with cracks, splits, checks, bark pockets, knots, irregular shapes, or protuberances. Beginners should avoid these types of stock until they have greater knowledge of working such wood.
15. Hold turning tools securely on the tool rest, holding the tool in a controlled but comfortable manner. Always contact the tool rest with the tool before contacting the wood.
16. Note that, when running a lathe in reverse, it is possible for a chuck or faceplate to unscrew unless it is securely tightened or locked on the lathe spindle.
17. Know your capabilities and limitations. An experienced woodturner is capable of lathe speeds, techniques, and procedures not recommended for beginning turners.
18. Always remove the tool rest before sanding, finishing, or polishing operations.
19. Don't overreach, keep proper footing, and keep your balance at all times.
20. Keep lathe in good repair. Check for damaged parts, alignment, binding of moving parts, and other conditions that may affect its operation.
21. Keep tools sharp and clean for better and safer performance. Don't force a dull tool. Don't use a tool for a purpose that it was not designed for or intended for.
22. Consider your work environment. Don't use a lathe in damp or wet locations. Do not use in presence of inflammable liquids or gases, and always keep a fully-charged fire extinguisher close at hand. Keep your work area well lit.

23. Stay alert. Watch what you are doing. Pay close attention to unusual sounds or vibrations. Stop the lathe to investigate the cause. Don't operate machines when you are tired or under the influence of drugs or alcohol.
24. Guard against electric shock. Inspect electric cords for damage. Avoid the use of extension cords.
25. Never leave the lathe running unattended. Turn power off. Don't leave lathe until it comes to a complete stop.
26. Many accidents to woodturners occur while using saws, especially band and chain saws. Learn and follow the safety guidelines for this equipment.



**Please note that this is
a complete diagram
provided by Kelly**

Note the joint where the top
fits over the bottom.

