



Great Falls Woodturners Newsletter

www.gfturners.org

Volume 7, Number 7

April 2016

Videos of Past Demonstrations

From the first year of the club's existence until February 2013 we captured the demonstrations on video and then created DVDs for sale at \$5 for club members and \$10 for non-members.

There were a few members that did all the work (video of the demo, convert video files, create the DVDs, and make copies). They would make the DVDs and have them for sale. A few copies were purchased and a number left over and were stored for future purchase which rarely occurred. We then had a sign up sheet with folks signing up for the DVDs and then not purchasing the DVDs.

It appeared to the club officers and the folks doing all the work that there was a loss of interest in the endeavor so all the time consuming work was disappointing.

Which brings me to:

There are about 70 videos that were made and a number of them are available to those who wish to purchase them for educational purposes. If there is only one copy, you can prepay and a copy of the DVD will be made for you.

You can see the titles of the demo, person who performed the demo, and dates if you are interested. The list is at the end of this newsletter. They are still for sale at the original price.

Club Demonstrations

Dirk Johnson – April 16th

Turning a Natural Edge Vase



On Saturday after conducting the club meeting, we learned a little bit about Dirk's woodturning philosophy: He likes putting a big chunk of wood on the lathe and the challenge of hollowing the chunk in front of a crowd. Also, and probably more importantly, when he needs a tool or tools to further his turning experience, he would rather make them than buy them.



Dirk put a nice big wet piece of walnut on the lathe to turn a natural edged vase.



He then trued the piece and turned a large tenon to accommodate the large, wet piece of stock.



Now he was ready to start shaping the outside of the vase. Of course the audience gave him all kind of 'verbal help' but Dirk ignored them (like he should have) and manage to shape it ready for hollowing.



One of his make rather than buy tools was his steady rest. He installed it to make the vase more stable for the process of hollowing. Again, ignoring the boisterous crowd he manage to get it ready for hollowing.



Now he brought out his newly made hollowing tools and and backrest and removed the inside material. Using several of his home made tools,

including a scraper, he fine tuned the inside of the vase to his satisfaction.



Newly made Hollowing Back Rest

Now the process of drying the semi-finished vase and then sanding and finishing it. Dirk, we would like to see the final finished product.



Thanks Dirk for an excellent demo!



Thanks

A very special THANK YOU to:

Those of you that come early and stay late to help with the set up and break down of the facility and equipment.

Perpetual Bowl

The Perpetual Bowl, created by Dirk Johnson was won by David Stratton. It will be David's privilege to make the next perpetual bowl prize for the May 7th Meeting.

Sorry, a picture of Dirk's Bowl is not available at Press time.

Perpetual Bowl by Dirk Johnson

Tips

Information Tip – Don Taylor & Sam Sampedro

Don Taylor purchased a new 8" Grinder and when he installed his new Norton grinding wheels they had a wobble that was unacceptable. After trying to resolve the wobble without success he gave me a jingle with the problem. I personally did not know how to resolve the problem, but did some research and came up with a solution on the internet.

Don used the instructions with success and recommends that if you get a grinder or currently have one with a wobble you can use the procedure at the following URL to solve the problem:

<http://www.highlandwoodworking.com/Balancinggrinderwheels.aspx>

Information Tip – Tom Krajacich

“Clean Your Boots”

I was just processing some new freshly cut wood with my chainsaw. As I was cutting the wood outside of my shop/garage, my boots with Vibram soles got dirty/muddy. Here is a quick tip for such a problem with boots or even with tennis shoes, use a hoof brush. For people with horses they use hoof picks and/or hoof brushes to clean the horses' hooves. Well these brushes are fairly stiff, and also have the pick(see photos attached). This arrangement works well for us human's that get dirty shoes or boots. Scrape out the dirt from the tread with the hoof pick, and then use the brush to clean more completely. You can even get the brush wet and clean

the tread even more completely. The brushes are commonly available at Farm and Ranch stores and usually cost about \$3.00. Hope this simple shop tip helps you. Happy Turning! Tom Krajacich



Information Tip – Sam Sampedro

Principally Pens

Here is a site called Principally Pens which is a great site for pen makers. It is a Chapter of the American Association of Woodturners and offers information and tutorials on pen making. Check it out.

<http://principallypens.com/>

Information Tip – David Stratton

Disc Sander

Don't have a standalone or have a disc sander at all. You may want to take a look at the great article by David Reed Smith for guidelines on how to make one. It's a really great article. Here is the site I got in an email from Mr. Smith and felt it was worth sharing with the club. David Stratton

<http://davidreedsmith.com/Articles/DiscSander/DiscSander.html>

Shop Safety Tip – Chuck Kuether

Accidentally glue your fingers together with super glue? Here's what to do.

Take a look at the following Fine Woodworking article/video for an easy way to escape from super glue issues. It also works for oil, cooking or otherwise. Read more:

<http://www.finewoodworking.com/how-to/video/unstuck-from-superglue.aspx>

Tips From The Past

Shop Tip – Randy Gazda

Green Wood:

So, someone just gave you some green logs or wood, or you won some at the club wood raffle, now what do you do if you can't turn it right away? Well, if you

want it to be useful turning stock, you need to do something with it quickly to prevent checking (a.k.a. cracking) and the sooner the better.

First, I recommend sawing all logs in half lengthwise to reduce the tension in the log.

Second, you need to seal the end grain to prevent checking. There are commercial products available such as Anchorseal and some wax based sealers. However, what if you don't have any on hand? Latex paint, white or yellow glue work **OK** in a pinch. There is one additional option that I use and that is if you have an old electric skillet, you can melt paraffin wax (or old candles) and just dip the end grain in it. Do not heat the wax too hot. Safety glasses and gloves are a must for working with this function. Another option is to place the green wood in plastic garbage bags until you have time to seal it or turn it. I have used this method successfully for months as long as the bags were out of the sun (mold and fungus may grow in warm weather).

If you have never sealed green wood, my advice is to seal all end grain, including knots and figured areas. When in doubt seal it. Keep in mind all of these "sealers" only slow down drying they do not stop it.

Shop Tip – Barry Rockwell

DRILLING WARNING

While turning stuff, we all have occasion to drill holes in the pieces while still on the lathe, sometimes with a Forstner bit. Just the other day, while using a Forstner bit to drill out the inside of an ornament globe, I noticed the wood was getting very hot and began smoking. Concerned, I turned off the lathe and placed a piece of plywood on the ways under the piece I was drilling to catch the shavings. I was drilling slow enough that the lathe wasn't "throwing" the shavings, and they all landed on the plywood. When the drilling was complete, I took the plywood and shavings to a clean spot on the concrete floor and dumped the shavings on the concrete. Immediately, a large ember flared in the shavings, obviously caused by the friction of the drilling. If I hadn't caught the shavings, and they had fallen through the ways and under my lathe, that ember would most certainly have ignited the shavings under the lathe and caused a fire. Barry

Club's Appreciation

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

Tom Krajacich
Don Taylor
Barry Rockwell
Randy Gazda
Chuck Kuether
David Stratton

Demonstrators Needed

A VERY BIG CLUB THANK YOU to the following individuals who volunteered to fill the Demo Dates:

Tom Krajacich
Paul Carlson
Sam Sampedro
Jay Eklund

Items for Sale

No items submitted this month.

THE GOOD WOOD GUYS

The Good Wood Guys
816 20th Street North
Great Falls, MT 59401
406-231-WOOD (9663)

Please support The Good Wood Guys. They have been very generous and provide great support to our club!

Great Falls Woodturners Club Information

www.gfturners.org

Club Officers

President: Dirk Johnson
899-0728

Vice President: Del Johnson
781-2783

Treasurer: David Stratton
452-3238

Secretary: Marian Stratton
452-3238

Directors:

Ed Austin
452-1135

Barry Rockwell
468-9857

Tom Krajacich
727-3464

Wayne Petrini
868-8420

Sam Sampedro
761-4145

Paul Snyder
750-1999

Meeting Location:

Great Falls Fire Training Station
1900 9th Ave South
Great Falls, MT 59405

Meeting Day

First Saturday of the Month
(Unless otherwise noted in
The club schedule)

Meeting Time

12:00 PM - 4:00 PM(ish)

Instant Gallery

Photos

(Great Photos by Paul Snyder and Sam Sampedro)



Scott Johnson (Platter & Spoon Set 1)



Kelly Treat



Sam Sampedro



Chris Johnson



Darrell Young



Del Johnson



Scott Johnson (Platter 2)



Sam Sampedro



Sam Sampedro



Scott Johnson (Multiple variations of tips for Workshop Tool)



Dirk Johnson



Chris Johnson



Chris Johnson



Scott Johnson (Spoon Set 2)



Chris Johnson

2016 YWCA Bowls

The following are a few of the individuals that donated bowls to the 2016 YWCA Bowls collection. My apologies to those of you that may have wanted a photo with your bowls and we did not get it. Thanks to all who donated their time, skill, and materials to this worthy cause, it will be appreciated by the women and children that our efforts will assist them.



Terry Hill



Paul Snyder



Tom Krajacich



Chris Johnson



Sam Sampedro



Great Falls Woodturners Meetings/Demonstrations Schedule

May 7 th	Meeting and Demo – Sam Sampedro
June 4 th	Meeting and Demo – Del Johnson
July 9 th	Meeting and Demo - Roger Wayman
August 6 th	Annual Club Picnic (this is a tentative date subject to change)
September 3 rd	Meeting and Demo – Tom Krajacich
September 24 th & 25 th Trent Bosch Club Symposium	
October 1 st	Meeting and Demo – Paul Carlson
November 5 th	Meeting and Demo – Wayne Petrini
December 3 rd	Meeting and Demo – Jay Eklund

Please Note: Meetings starts at 12:00 PM

Tool Handles for Drill Chucks

What do you do with a pair of Jacobs's chucks that are beyond repair? I made tool handles. I use the chucks to hold drill bits for when I drill a depth hole in a bowl blank. Another use is to hold small carbide cutters for hollowing small items.

John Kaner, Anchorage, Alaska



How Do I Get Smooth End Grain?

Q: How do I get smooth end grain?

I am turning face grain solid maple and I cannot get the end grain to cut smoothly. It always turns out rough in the two places where I cut end grain. I sand the crap out of it and I apply my wipe-on finish and it appears dull even after five coats. I keep my tools sharp. Is there a filler you can put on the end grain so that when you finish it, it will appear smooth all over?

~ Chuck Marsh

A: What to do when you get tear out.

Tear out often happens when you're forced to turn up-hill against the grain. This happens frequently on side grain bowls, usually 180 degrees apart. It can also happen when turning segmented work if you're not careful in orienting the grain on all the pieces.

A freshly sharpened tool is essential as well as not forcing the cut. I find that it's very easy to push a tool too fast through the wood. You want to go at a rate that lets the tool cut. This can be a tricky thing to learn but well worth the effort. Speed up the lathe and slow down your feed rate and you may get rid of the tear out.

Tool presentation to the wood and the sharpening angle of the tool are also important.

I'll talk about sharpening angle first. My typical bowl gouge is ground at about 55 degrees. If I can, I'll switch to my 40-degree bowl gouge. If that doesn't work, then I will try my spindle gouge that I sharpen at about 35 degrees. Of course, you still need to rub the bevel for a clean cut and sometimes the 40 or 35 degree angle may be too acute. I am a big fan of the Hunter carbide tools for cleaning up torn grain. The reason is that the tool face is recessed so you get a cutting angle of about 30 degrees. The Hunter Osprey has the cutter tilted down at 30 degrees, so from the side the bevel appears to be the same as the 55-degree bowl gouge, which means it's easy to rub the bevel inside a bowl. However, you're still cutting with that very sharp 30-degree cutting edge.

Tool presentation to the wood can also help. You want the wood to go across the blade in a slicing angle. A very rough description is that you're using the skew as a paring tool. The wood comes across the blade at 90 degrees. This is a very fast cut but usually leaves a slightly torn surface. Swing the tool handle so the wood hits the blade at a 45-degree angle and you get a very clean cut. Spindle gouges and bowl gouges work exactly the same--it's just more complicated because of the curve. Watch how the wood comes across the cutting edge. A slicing cut will work better than a peeling cut.

This can usually be accomplished by rotating the tool to change where and how the wood comes across the blade. The steeper the angle, the better the cut, usually. Really swirly wood grains or things like bird's-eye maple may not cut as cleanly with these severe angles.

Last but not least, use some sort of chemical to solidify the fibers. I use lacquer thinned about 50/50 with lacquer thinner. One or two coats usually works. It dries fast and is relatively inexpensive. For punky woods I may use five or six coats, letting it really soak in. I also use thin CA glue for smaller areas. The glue is too expensive to use on large areas but it works well. Be sure to let it dry. It's impossible to get off your glasses or face shield. Avoid the fumes, which can really burn your eyes. That's why I tend to use the lacquer.

I find most often on problem woods that it takes a little bit of all of these. I had a piece of green walnut that tested all of these procedures until I finally got it cut cleanly. It's worth the effort. I'm one of those strange people who don't mind sanding because I believe it's what brings the wood to the next level. That being said, I despise sanding torn grain. Two tricks I've learned to solve that problem. **First trick** is to stop the lathe and sand just the torn grain area. It's my belief that quite often these areas are mildly recessed so the sandpaper simply skips over them when you sand under power. Stop the lathe and sand just the area and it will reduce the time it takes to get rid of these marks tremendously. **Second trick.** Again with the lathe off, use a round cabinet scraper. It will remove tear out very quickly. It will leave a divot so you have to feather around the area with the same tool to sort of disguise the crater. It works very well and doesn't leave the lumpy summer/winter wood that you get with sandpaper.

~ John Lucas, a retired photographer, has been working in wood for about 35 years and also dabbles in metalworking. He also enjoys modifying machines, making tools, and sharing his knowledge through written articles and videos. He has taught classes at John C. Campbell Folk School, Arrowmont, and The Appalachian Center for Crafts.

Video Demo Recordings Available for Purchase (\$5.00 each for Members, \$10.00 each for Non-Members)

1. Making a hollow ornament, Gordon Heikens, 9-26, 10-3-2009, VHS & DVD
2. Turning a square edged bowl, Gordon Heikens, 9-12 & 19, 2009, VHS & DVD
3. Scoop & Goblet, Gordon Heikens, 10-10-2009, DVD
4. Spoon & Lidded Box, Gordon Heikens, 10-17-2009, DVD
5. Plate & 4 Blade Screw driver, Gordon Heikens, 10-24-2009, DVD
6. Finishing & Buffing, Chuck Kuether, 11-3-2009, DVD
7. Birch bowl turned on a screw chuck & "Jam" chuck, C Kuether, 11-7-2009, DVD
8. Christmas Ornament from 4" block, Chuck Kuether, 11-14-2009, DVD
9. Hollowing alternative, Lloyd Taylor: Tree Ornament, Chuck Kuether, 11-21-09, DVD
10. Bud Vase, George Gelernter, 12-05-09, DVD
11. Segmented Bowl, pattern-layout, Rich Charlson, 1-16-2010, DVD
12. Segmented Bowl, Base assembly, Rich Charlson, 1-23-2010, DVD
13. Segmented Bowl, Wall construction, Rich Charlson, 1-30-2010, DVD
14. Segmented Bowl, Final Turning, Rich Charlson, 2-6-2010, DVD
15. Club Segmented Bowl #1, Rich Charlson, 2-13-10, DVD
16. Club Segmented Bowl #2, Rich Charlson, 2-20-10
17. Club Segmented Bowl #3, Rich Charlson, 2-27-10
18. Club Segmented Bowl #4, Rich Charlson, 3-6-10
19. Center Saver, Lloyd Taylor, Chuck Kuether, 3-13-10
20. Suction Fit Lidded Box, 3-20-10
21. Making and Using an Oland Tool, Tom Krajacich, 4-10-10
22. Off Center Turning, Cecil Walborn, 4-24-10
23. Vase & Stemware bases Scoop, Gordon Heikens, 5-22-10
24. Sharpening Tools, Gordon Heikens, Chuck Kuether, 8-14-10
25. Spindle & Bowl basics, Gordon Heikens, Chuck Kuether, 8-21-10
26. Natural edge bowl, Barry Rockwell, 8-28-10
27. Selling on Ebay, Barry Rockwell, 9-7-10
28. More Bowl Basics, Chuck Kuether, Gordon Heikens, 9-11-10
29. Gift & Finials, Gordon Heikens 10-23-10
30. Thread Chasing, Barry Rockwell, 11-2-10
31. Pencil Pot, Lloyd Taylor, 11-13-10
32. Bread Knife, Randy Gazda, 12-11-10
33. Caragana Bowl 1, Rich Charlson, 2-2011
34. Caragana Bowl 2, Rich Charlson, 2-2011
35. Winged Bowl, Gordon Heikens, 8-2-11
36. Off-center Duck, Chuck Kuether, 8-20-11
37. Not Available
38. Icicles, Sam Sampedro, 10-22-11
39. Bowl Roughing, Barry Rockwell, 10-22-11
40. Mushroom Birdhouse Ornament, Barry Rockwell, 11-1-11

41. Multi-axis turning & miniatures, Cecil Walborn, 11-19-11
42. How to safely mount wood on a lathe, Jerry Hall, Tom Krajacich & Sam Sampedro, 12-6-2011
43. Natural Edge Bowl, Sam Sampedro, 2-14-12
44. Creating Blocks for Feature Rings, Randy Gazda & Terry Hill, 3-3-12
45. Finishing Demonstration – Wayne Petrini, 3-17-2012
46. Sharpening Demonstration – Sam Sampedro, 3-17-12
47. Box with Inlaid Lid – Chuck Kuether, 4-3-12
48. Wood Turned Bracelet – David Stratton, 4-21-12
49. Blind Box – Reb Bishop, 5-1-12
50. Basic Bowl – Chuck Kuether, 5-19-12
51. Creating with Resin and Scalloped (Fluted) Bowl – Barry Rockwell, 6-5-12
52. Pens and Bottle Stoppers – Bob Sobolik, 7-10-12
53. Tips from Gordon – Gordon Heikens, 8-7-12
54. Fence Post Twig Pot and Turning an Apple – Barry Rockwell, 9-5-12
55. Turned Wood Pendants – Chuck Kuether, 9-15-12
56. Bird House Ornaments – Sam Sampedro, 10-27-12
57. Candle Holder – Paul Snyder, 11-17-12
58. Inside- Out – Reb Bishop, 12-4-12
59. Segmented Platter – Randy Gazda, 12-15-12
60. Bowl from a Board – Chuck Kuether, 3-23-13
61. Hybrid Bowl – Randy Gazda, 4-2-13
62. Turning a Square Bowl – Chuck Kuether, 4-20-13
63. Bowl Turning – Barry Rockwell, 5-7-13
64. Corian Turning – Arnie & Rich Owen, 6-4-13
65. Oval Goblet – Wayne Petrini, 4-18-13
66. Handle Making – Sam Sampedro, 8-6-13
67. Vase with Natural Bark – Wayne Petrini, 10-1-13
68. Sea Urchin Ornament – Sam Sampedro, 11-15-13
69. Mike Mahoney Symposium – Sep 20-21-13 (\$20.00 for a set of 4 DVDs)
70. Making Tools – Tom Edwards/Alan Driver from San Diego – 6-22-13