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Great Falls Woodturners Newsletter

Volume 4, Number 1

September 2012

Got Friends, Got Food, and Got Refreshments? We had all of that and more at the Club Picnic on August 18th.

Our Club Picnic was held at Kathy and Barry Rockwell's home. They opened their home to our club and we sincerely thank them very much for their gracious hospitality and for their hard work in hosting the picnic again this year.

The Rockwell's yard is incredible. In addition to having one of the best views, they have an impeccably groomed place. It is a perfect place to relax and enjoy.



We had a great time in visiting with each other and sharing 'war stories'. In addition we were able to see first-hand the projects that Barry has and is working on. Of course they include turning and tool making. From the looks of the tools that Barry has made, there's going to be some really big hollow forms created. I can't wait to see them at the club meeting instant gallery.



Demonstrations

Barry Rockwell – Sep 4th



At the club meeting **Barry Rockwell** gave us another outstanding demo using the new club mini lathe. Barry brought in 100 year old cedar fence posts and proceeded to create a Twig Pot from a piece of the fence Post. He took us from mounting to placing some of Montana's finest weeds in the twig pot. It demonstrated all the techniques in mounting and overcoming obstacles such as a short lathe bed and improvising drilling, etc.





Then, to add icing to the demo, he turned an apple. He showed us the method of mounting the apple, which was half turned, on a 'jam chuck' using a screw in the center of the chuck to secure the turning. The addition of a clove at the bottom and a stem from a lilac bush topped off the presentation and behold we had an apple.



Barry thanks for a great job!

Community Involvement

You will notice in the Calendar of Events section that November 6th and 17th has been designated as 'Community Involvement' days for our club. It is intended for our club members to have 'hands-on' opportunity. If any items are created and wish to be donated to the community, members can so donate the items.

Kudos Korner

Special Thanks

A very special Great Falls Woodturners Thank You to

Kathy and Barry Rockwell for hosting the 2012 Club Picnic.

A special thanks to the following club members for sharpening the recently bought club turning tools on Saturday, Aug 25th:

Larry Strizich
Robert Price
Gary Campbell
Del Johnson

Also, thanks to **Barry Rockwell** for his assistance in demonstrating sharpening techniques at the session.

Thanks to **David Stratton** for doing the video of Gordon Heikens' Demo on August 7th.

A special thanks to **Barry Rockwell** for taking the Position of Wood Master for our club.

Thanks to **Ken Quaschnik** for his donation of the 40 degree Raptor Sharpening Gauge to the club.

A special thanks to **Randy Gazda, Barry Rockwell and Sam Sampedro**

for their generous wood donations to the club wood raffle.

Thanks to all the members who contributed this month to the set up and take down at the meeting, cleaning up the facility, fund raising and everything it takes to make the club a success.

Please accept my apology if I failed to recognize anyone for their contribution to our club. Sam

Calendar of Events

Future Club Meeting Dates

**Sep 15 th	Chuck Kuether Demo
*Oct 2 nd	Paul Snyder Demo
**Oct 27 th	Open House – Hands on activities for the students and faculty of the COT
*Nov 6 th	Meeting and Club Activity – Community Involvement
**Nov 17 th	Meeting and Club Activity – Community Involvement
*Dec 4 th	Reb Bishop Demo
**Dec 15 th	Randy Gazda Demo
* 6:30 PM	
** 12:30 PM	

Perpetual Bowl

Arnie Owen, the winner of the Aug 7th perpetual bowl drawing, was unable to make the September Meeting. The drawing was postponed until the October 2nd meeting.

Shop Tip – Barry Rockwell

Have you ever seen a tree and was not quite sure what species it was? The following site will provide you with information to determine the type of tree. It provides pictures of the leaves and bark and a detailed description of the tree. You can narrow your search by state and it will list the trees in that particular state. Just click on **Fact Sheets** at the top of the screen and then select **Land Owners Fact Sheets**. On the next screen scroll down until you see 'Click on an individual state' and select Montana and click on **Start Search**. It will reveal all of the trees available in Montana.

http://dendro.cnre.vt.edu/dendrology/syllabus/biglist_frame.cfm

Shop Tip – Sam Sampedro

Are you tired of wasting the finishes you use on your turnings? I was and decided to write to General Finish Co.

and ask what can be done about it. They responded that the best thing to use to preclude the thickening of the unused finishes is: Bloxygen. I then discussed the problem with the lady at Pro-Build (formerly Poulsens) and she recommended the same solution. So, a couple of months ago I ordered Bloxygen from Craft Supplies USA and have 'spritzed' some in my Salad Bowl Finish after using the finish to complete my bowls. I do not use it after each coat of application, but spray some in the can after I've finished the project. That period between bowls, etc., seems to be when the thickening process is at its worse. So far it appears to be working very nicely.

Shop Tip – Sam Sampedro / Chuck Kuether

This shop tip is basically from Chuck Kuether (and he doesn't know he offers the tip).

One day I asked Chuck what he uses for his sanding sealer. He told me he uses the Deft Sanding Sealer. He takes The sanding sealer and dilutes it with lacquer thinner with a formula of 80 percent sealer and 20 percent lacquer thinner.

I decided to try it and found that it works great! With the base coat of Deft Sanding Sealer, the application of other finishes (such as the General Finish's Salad Bowl Finish) takes fewer coats (3 rather than 5) and provides the nice finish desired.

Shop Tip – David Stratton

While searching for information on the internet, David happened on the following site that deals with sharpening templates.

http://carlford.info/pages/jigs_tools/jigs_tools.html

Just scroll down to where it says "Sharpening Templates" to get a PDF file.

Shop Tip – David Stratton

Are you turning hollow forms and possibly making your own hollowing tools? The following is the site you'll want to visit for some great hollowing information.

http://carlford.info/pages/demos_classes/small_vases/Small_Vases_Demo.pdf

Shop Tip – Barry Rockwell

So, how would you like some incredible ideas for turning Christmas ornaments for the forthcoming Christmas Season? Click on the below URL to be fascinated by the creativity of woodturners all over the world.

www.woodcentral.com/newforum/ornaments/

Editor's Comment:

My thanks to the following individuals who helped with the content of this newsletter:

Barry Rockwell
David Stratton
Chuck Kuether

Photo Gallery



Terry Hill



Sam Sampedro



Rich Charlson



Rich Charlson



Randy Gazda



Barry Rockwell



Barry Rockwell



Barry Rockwell



David Stratton



David Stratton

Rich Charlson



Rich Charlson was contacted by the **Montana Department of Commerce** on short notice to once again create gifts for a high level of dignitaries visiting from Japan. As you know Rich is quite busy in the summer months with his primary profession and had to drop everything to create the above art. He was able to dedicate himself full time to making these beautiful creations and through his dedication was able to complete them on time. This is the second time the Department of Commerce selected Rich for such an honor.

Great Falls Woodturners Club

Video Demo Recordings Available for Purchase (\$5.00 each)

New Additions to the Video Demo Recordings are noted in RED on the first month of addition

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 Screwdriver, 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. Making your own tools, Barry Rockwell, 10-5-11

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

Great Falls Woodturners Video Library

(These videos are available to check out at no cost)

New Additions to the Video Library are noted in RED on the first month of addition

Professional Turner's Videos

Mike Jackofsky – Making a Hollow Vessel – 2 discs

Lyle Jamieson – Bowl Basics The Easy Way – 2 discs

Lyle Jamieson – Hollow Forms The Easy Way

Mike Mahoney – Heirlooms: Making Things That Last

Mike Mahoney - On The McNaughton Center Saver

Mike Mahoney – Nested Madrone Bowl Set

Richard Raffan – The New Turning Wood With Richard Raffan

Malcolm Tibbetts – Lessons in Segmented Woodturning – Volume 2

Malcolm Tibbetts – Lessons in Segmented Woodturning Volume 5 – More Functional Projects

Segmented Woodturners, Arrowmont Symposium November 11–14, 2010

Manufacturer's Videos

Jet Mfg. – Lathe – Safety, operation, tools, sharpening, projects

Oneway Mfg. - The Wolverine Sharpening System

(Continued on Next Page)

Books

Lathe Fundamentals – Rick Peters – Popular Mechanics Workshop

The Art of Turned Bowls – Richard Raffin (Donated by Chuck Kuether)

The following article was obtained from the Craft Supplies USA Site and is the property of Craft Supplies USA. Permission to use it was obtained by Great Falls Woodturners.

Woodturning Tool Selection Guide

With the large number of tools available today, choosing the right tools may seem difficult. The information in this Tool Selection Guide is here to help you determine which tools you need and which ones you don't. If you have any questions when choosing tools, please give us a call and we'll gladly provide helpful advice.

What Tools Do I Need?

- **In short, there are eight basic types of woodturning tools. Although tool types are available in various sizes and shapes, the how they work and what they do remains the same. The descriptions found on this page will help you determine what tools you need based on the work you want to do.**

About Carbide Tipped Scrapers

- **A relative newcomer to woodturning, carbide tipped tools by Easy Wood Tools are particularly appealing to entry level woodturners as they allow first time turners to enjoy superb results instantly without having to learn complicated tool techniques. These tools utilize a four-sided razor sharp cutter that's discarded when dull. If you want to experience the joy of woodturning with minimal investment in time and money,**
- **Easy Wood Tools are the perfect place to start.**

Choosing A Set Of Tools

- If you're just getting started woodturning, we recommend the Beginner Selection listed below. This selection includes tools that will allow you to turn most basic projects. The Intermediate Selection is similar but with a few added tools to accommodate a larger range of projects. All tools are manufactured by Henry Taylor Tools from M2 high-speed steel. Save 10% off the prices below when you purchase 2 or more tools.

Beginner Set

- [1/2" Bowl Gouge](#)
- [3/4" Radius Scraper](#)
- [3/16" Diamond Parting Tool](#)
- [3/8" Spindle Gouge](#)

- [1/2" Skew](#)

Intermediate

- [1/2" Bowl Gouge](#)
- [3/4" Radius Scraper](#)
- [3/16" Diamond Parting Tool](#)
- [3/8" Spindle Gouge](#)
- [1/2" Spindle Gouge](#)
- [1/2" Skew](#)
- [1-1/2" Radius/Round Point Scraper](#)

Advanced Set

- [1/4" Bowl Gouge](#)
- [1/2" Bowl Gouge](#)
- [3/4" Radius Scraper](#)
- [3/16" Diamond Parting Tool](#)
- [1/4" Spindle Gouge](#)
- [3/8" Spindle Gouge](#)
- [1/2" Spindle Gouge](#)
- [1/2" Skew](#)
- [1-1/2" Radius Scraper](#)

What Steels Are Tools Made From?

- The majority of today's turning tools are made from heat treated M2 high-speed steel, which is known for its ability to be honed to a fine edge while providing excellent wear resistance. M2 high-speed tools provide maximum value and are recommended for most woodturners. More expensive, premium turning tools are also available and include Henry Taylor Kryo tools made of cryogenically treated M2 high-speed steel for wear resistance 3-6 times that of heat treated M2 high-speed steel. Similar in performance to Henry Taylor Kryo tools, Crown Pro-PM and Hamlet ASP tools utilize powdered metallurgy technology to achieve a similar, superb edge holding ability. All tool types listed above can be sharpened using standard grinding wheels.

How Are Gouges Measured?

- **Spindle Gouges**

Are measured by the diameter of the round stock unless otherwise noted.

- **Bowl Gouges**

Are measured by the width of the flute unless otherwise noted. Add 1/8" diameter

to the indicated flute size and you will have the outside diameter of the round stock.

- **Exceptions**

Oneway Mastercut tools are measured by the diameter of the round stock.

Bowl Gouges

- Bowl gouges are easier to control and remove wood faster than spindle type gouges. We recommend a 1/2" bowl gouge as the first choice when getting started bowl turning.



Spindle Gouges

- Spindle gouges are designed for work between centers as well as general purpose turning including boxes, pens, small bowls and detail work. We recommend a 3/8" spindle gouge as the first choice. Other sizes and variations can be added depending on your needs.



Detail Gouges

- Similar to a spindle gouge but with a heavier cross section and shallower flute, a detail gouge utilizes a long bevel and fingernail point to allow you to cut fine detail on beads, decorative grooves and other detail work on bowls and spindles.



Roughing Gouges

- Used for taking square spindle stock down to round, roughing gouges have a wide, deep flute for rapid wood removal. For use on spindles only. **NOT FOR USE ON BOWLS.**



Scrapers

- A must for woodturning, scrapers are designed for making light shaping and clean-up cuts to remove imperfections left by gouges and other tools. Properly sharpened with a burr on the top side of the tool, a scraper will leave a very smooth surface ready for finishing. Although scrapers come in a variety of shapes and sizes to suit various needs, they all function the same way.



Parting Tools

- An essential tool for woodturners, a parting tool is used to part off unwanted material, establish diameters or cut small flat areas. A diamond parting tool is recommended as the tapered design reduces drag during use. Narrow parting tools having a 1/16" wide kerf are recommended for box turning as they help maintain grain alignment by removing a minimal amount of material. See page 15 for narrow parting tools.



Skew Chisels

- The skew chisel is essential for cutting beads and flat surfaces on spindle work. Properly used, a skew chisel will produce a smooth surface requiring minimal sanding. We recommend rounded edge skews as they are easy to manipulate and don't mark the tool rest.



Shear Scrapers

- A shear scraper is similar to a standard scraper with the burr on the top side of the tool used to cut the wood. Shear scrapers have a semi-rounded underside that allow you to roll the scraper on its side, which changes the angle of cut from a scraping to a shearing cut resulting in a smoother surface in most cases.

