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Great Falls Woodturners Newsletter

Volume 4, Number 3

November 2012

Demonstrations

Sam Sampedro – Oct 27th

Sam Sampedro demonstrated turning of a miniature birdhouse/Christmas Tree ornament. Using small a block of Russian Olive, he turned the base of a birdhouse which included a little hollowing to reduce the weight. He applied texturing and then burnished grooves on either side of the texture with a finishing touch of dying it red. A finial that was pre-turned from Walnut was applied at the bottom of the base.

Then he created the top of the birdhouse from Box Elder and also applied the texturing as noted above.

During the demo, Sam used some terminology that must be clarified as follows:

Smidgeon = 1/32 of an inch

Skosh = 1/64 of an inch

Frogs Hair = 1/128 of an inch

(You had to be there folks....)



New Product Review – Sam Sampedro

There is a new finishing product just released called [Dr. Kirk's Scratch Free Polishing Wax](#). I tried it on a couple of the snowman that I have turned and really liked the way it brings out the grain of the wood. It doesn't take much wax to apply and then when buffed on the lathe, provides a nice sheen. It is available from Craft Supplies USA, P/N 1048000001. I plan on ordering some very soon.

Kudos Korner

Special Thanks

Thanks to **Ken Quaschnik** for obtaining a supply of the new Craft Supplies USA catalogs for the club. He also donated the [Dr. Kirk's Scratch Free Polishing Wax](#) that he obtained from Kirk DeHeer.

Thanks to **David Stratton** for doing the video of Sam Sampedro's Demo on October 27th.

Thanks to **Paul Snyder** for the great photographs he takes during the meetings and instant galleries.

I know that this paragraph has become repetitive, but it's

important that the club know that we give: 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.

Calendar of Events

Future Club Meeting Dates

**Nov 17 th	Paul Snyder Demo – Candle Holder
*Dec 4 th	Reb Bishop Demo
**Dec 15 th	Randy Gazda Demo

Rich Charlson Segmenting Workshop

** Jan 5, 12, 19, and 26

** Feb 2, 9, 16, and 23

* Mar 5 th	Regular Meeting and Demo
**Mar 23 rd	Demo

March 23rd is due to the Carpentry Shop not available for our club on March 16th

*Apr 2 nd	Regular Meeting and Demo
**Apr 20 th	Demo

* May 7th Regular Meeting and
Demo

** May 18th Demo

* 6:30 PM

** 12:30 PM

Perpetual Bowl

Arnie Owen, the winner of the Aug 7th Perpetual Bowl provided the perpetual bowl that was won my **Jay Eklund**. The bowl material that Arnie turned was Corian and is the first non-wood bowl for the Perpetual Bowl Activity. It is a beautiful bowl turned from Blue Corian. Great job Arnie! Jay will provide the perpetual bowl for the Nov 17th meeting and I have it from an excellent source that it too will be special.



Perpetual Bowl turned by Arnie Owen
(Material is Blue Corian)

Shop Tip – Barry Rockwell

My battery packs for my Trend helmet no longer hold a charge for very long.

They sell for \$70/pack at Craft Supplies if you replace them. I took mine to Interstate Batteries next to Power Pro and they rebuilt them with new cells for \$12.95 per battery pack. Barry

Commentary– Barry Rockwell

KUDOS TO CRAFT SUPPLIES

While I was at the May, 2011, Utah Symposium in Orem, Utah, I purchased a 20" diameter "Modern Longworth Chuck" capable of holding pieces up to 18" diameter for \$300. I had planned to get a larger lathe soon and wanted to be able to turn some larger bowls and platters. As it turned out, the very first time I used it wasn't until September, 2012, when I used it to finish the bottom of a large platter with trout flies imbedded in resin. It was a little scary because it didn't seem to hold the platter as securely as I would like, but I got the job done. The second time I used it, about a week later, I was finishing the bottom of a large, beautiful, resin and wood platter, when 4 of the retaining knobs failed, sending the piece across the shop and shattering it. I decided I would never use it again and was going to put it on E-Bay, but I needed to replace the failed knobs to be able to sell it. I called Craft Supplies to see if I could just get a few replacement knobs, not the whole set, so I could sell it. When they found out that I was unhappy with the tool, they told me just to return it and they would give me a full refund. Kristen e-mailed me a FedEx return label so I wouldn't even have to pay for return shipping, and I boxed up the chuck, taped on the label, and sent it

back to Craft Supplies. I have always liked the products and service from Craft Supplies, and this makes me even happier to do business with such a class-act company. It was truly “above and beyond”. Barry Rockwell

Shop Tip – Sam Sampedro

In my desire to make my shop a more safe place to turn, I decided to install PVC pipe along the walls from where my Shop Vac is located to the spot where my lathe is located. I was all prepared to buy the traditional white PVC pipe at Home Depot and while waiting for store assistance in locating some items, I spoke with a gentleman who, after hearing my plan, told me the gray electrical conduit is not a conductor of static electricity which was music to my ears. It is a known fact that regular PVC pipe does create problems of static electricity when used with dust collection. Since I wanted to validate the suggestion with the maker of the electrical conduit folks, I contacted JM Eagle Co.’s Technical Support and they did validate that the gray PVC electrical conduit does not conduct static electricity. It is not any more expensive than the white PVC. Just thought you’d like to know...

<http://www.jmeagle.com/plastic-pipe/pvc-pipe/electrical-conduit.html>

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 Rockwell

Shop Tip – Sam Sampedro

During the demo on Oct 27th a question arose concerning the supply source for the ornament stands to display the miniature bird house. Below are several sources that carry the stands:

<http://www.treasuresindisplay.com/ostands.htm>

http://www.packardwoodworks.com/Merchant2/merchant.mvc?Screen=CTGY&Store_Code=packard&Category_Code=proj-supply-ornam-ornstand

<http://www.bronners.com/search.do?query=ornament%2Bhangers&sortby=bestMatchesDescend&page=all>

<http://www.woodturnerscatalog.com/>

Future Need for Demonstrators

At this point in time we are in good shape for Demonstrators. However, I would ask you all to give consideration on doing a demonstration from the March 5th through May 18th period. The dates are wide open and you have your choice of dates. Please give it some thought between now and February so I can do some planning. Thanks for your consideration.

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

Barry Rockwell

Photo Gallery

(Photos by Paul Snyder and Sam Sampedro)



Sam Sampedro



Sam Sampedro



Jerry Hall



Jerry Hall



Sam Sampedro



Sam Sampedro



Sam Sampedro

Malcolm Tibbetts Symposium

– Billings, Mt by Sam Sampedro

Here are several pieces that Malcolm brought as samples of his creations.



On October 6th and 7th, the Yellowstone Woodturners hosted Malcolm Tibbetts who conducted an outstanding symposium attended by woodturners from all over Montana. Six members of the Great Falls Woodturners were in attendance.

Malcolm's internet site is: www.tahoeturner.com. His site contains a number of How to PDF Documents that you can download and use.

Yes, I was aware of Malcolm Tibbetts and the fact that he is a Master Segmenting Turner, but all I can say about him is he is more than a Master Segmenter, he is a Genius when it comes to 'simply gluing pieces of wood together and creating a piece.'





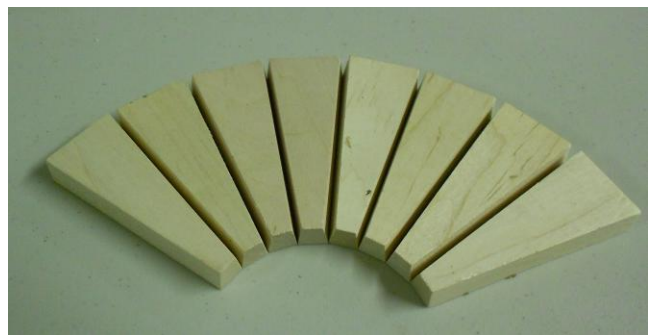
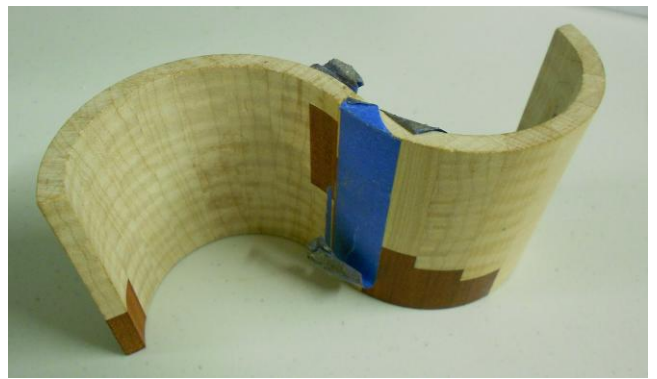
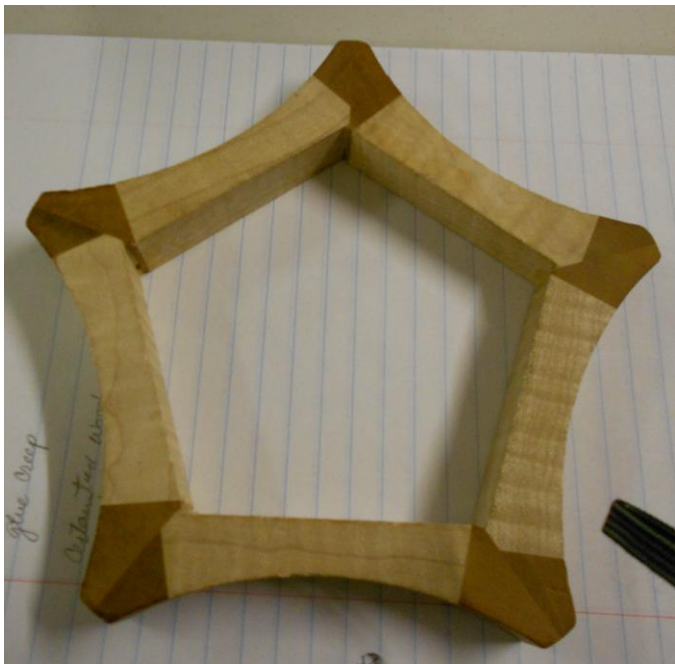
Throughout the two day symposium, Malcolm addressed all facets of segmenting. He took us from being the Beginner and made us feel comfortable in creating simple segmenting pieces to the very complex which provided an education to those attending that are outstanding segmenters in their own right. They now have knowledge to strive for the next level in segmenting.

While educating and entertaining the group, he provided a large number segmenting blocks/pieces, such as those used in feature rings, and the pieces in the pictures above so we could handle and observe the techniques used in their creation.

Here are some of the samples he provided:







The following items were on display during the symposium:



Rich Charlson



Malcolm Tibbetts is an Outstanding presenter and I highly recommend you attend his symposium in the future to gain an education in segmenting and the insight to what can be created with wood.



Terry Hill



Terry Hill

BLADE BREAK-IN



DOWNLOAD THIS TECH DOC BLADE BREAK-IN

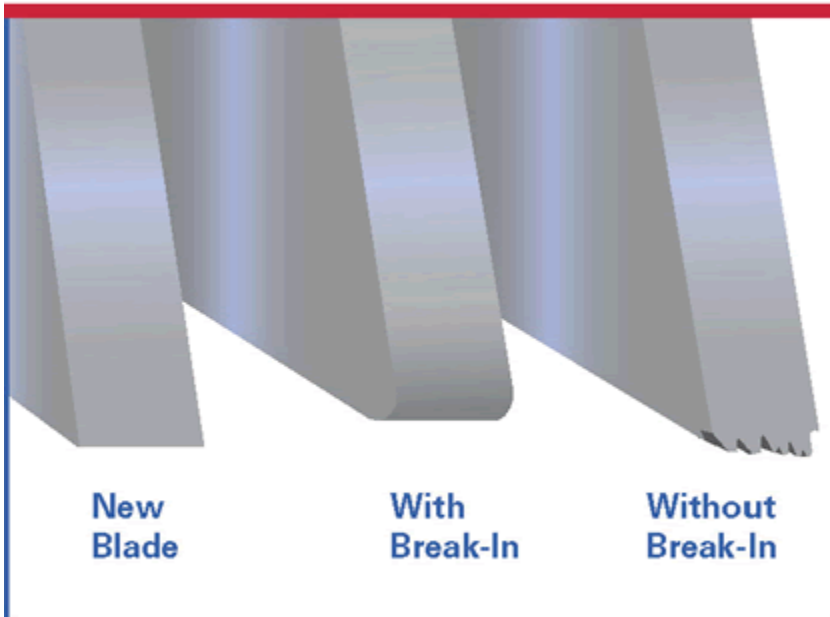
Getting Long Life from a New Band Saw Blade

What is Blade Break-In?

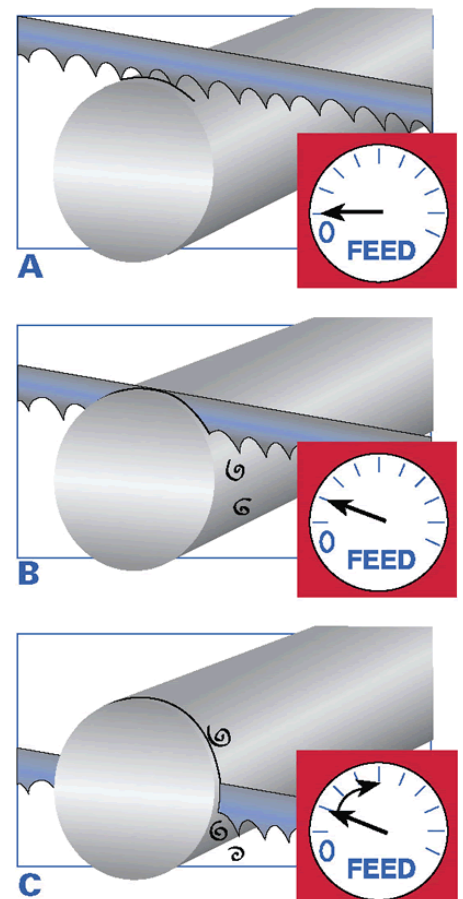
A new band saw blade has razor sharp tooth tips as a result of the forming of the teeth. In order to withstand the cutting pressures used in band sawing, the tooth tip should be honed to form a micro-fine radius. Cutting with high pressure without performing this honing will cause microscopic damage to the tips of the teeth, resulting in loss of blade life.

Why Break-In a Band Saw Blade?

Completing a proper break-in on a new band saw blade will dramatically increase its blade life.



How To Break In a Blade



1. Use the appropriate band speed for the material to be cut (see bi-metal band speed chart on pages 20 and 21).

2. Reduce the feed rate force control on the saw to achieve a cutting rate approximately 20% to 50% of the normal cutting rate. Mild steels require a larger reduction in cutting rate than more difficult to machine materials.

3. Begin the first cut at the reduced rate (A), making sure that the teeth are forming a chip. Once the blade fully enters the work piece, the feed rate can be slightly increased (B).

4. Make gradual increases in feed rate force over several cuts until the normal cutting rate is established (cutting a total of 60 to 118 inches' / 150 to 300 em') (e).

Note: During break-in, slight adjustments to band speed may be made in the event of excessive noise or vibration. Once the blade is broken in, the recommended band speed should be used.

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 (unavailable at this time)

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

Chatter Tool Methods – A Complete Course with Ron Brown (Donated by Barry Rockwell)

(Continued on Next Page)

Manufacturer's Videos

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

Oneway Mfg. - The Wolverine Sharpening System

Books

Lathe Fundamentals – Rick Peters – Popular Mechanics Workshop

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