



Great Falls Woodturners Newsletter

www.gfturners.org

Volume 6, Number 8

March 2015



Great Falls Woodturners Temporary Meeting Facility

On Feb 19th **Chuck Kuether** and **Sam Sampedro** had an opportunity to visit the Great Falls Fire Training Facility. Thanks to **Dirk Johnson**, we met him at the facility to see the place where the club will meet starting April 18th until September when the college should be done with their renovations.

The facility is going to be a great place for us to meet and conduct our demonstrations. We will have a place to secure all of our equipment and an area that will more than accommodate all the members.

There are convenient restrooms and ample parking to accommodate us all with a shorter distance to walk.

We think you are going to be pleased with the facility.

On April 11th we will be moving the equipment from the college to the Fire Training Facility. We'd like to put together a team to load and unload the equipment.

We thank **Dirk** for allowing our club to have such a nice facility for the club.

YWCA Empty Bowl Program

Please be aware that the Empty Bowl Program is in motion for our club. The soup bowls that you turn and donate to the YWCA is for a very worthy cause. Please bring your donations to the Club Meeting on April 7th so we can get them to the YWCA by April 24th. If you need a little extra time, you can drop bowls to Sam's house by 20th. Thank you for your consideration.

Welcome to Woodturning, Brian and Lynn Severin

The newest member of our club, Lynn Severin is new to woodturning. She and Brian, her hubby, both new to woodturning, purchased a lathe and a basic set of tools.



After their first lesson on the basics of woodturning, beads and coves, Lynn proceeded to practice on a piece of log and the results were outstanding.

Welcome to you both to woodturning and the Great Falls Woodturners.

Club Demonstrations

Tool Making Workshop – Feb 21st

Thanks to **Robert Price** for his suggestion on having a tool making workshop. Also, thanks to all of you that brought in your equipment and supplies that helped make the workshop a success.

Sam conducted a short demo on creating a Square Radius Cutter tool made from Keystone Steel. He discussed safety involved with using a sander to grind the steel into shape to receive the cutter.



He also discussed the drilling and taping the steel to create a threaded hole for the screw to hold on the cutter.



In addition, he showed a pre-made tool with the portion of the tool that would be placed in a wooden handle made by the creator of the tool or using a multi-use handle that can be purchased from one of the several woodturning sources.

After the workshop, Sam demonstrated the turning of a wooden handle for those desiring to make their own handles. This included drilling the hole for the tool, fitting a ferrule and completing the handle.



David took us through the steps of turning the cylinder for the holder body, making the lid and fitting just perfectly.



I feel that this was one of the best workshops with 23 members attending and taking home a tool for future woodturning.

Please see additional photos below of the workshop.

David Stratton – Mar 3rd

On March 3rd **David Stratton** gave us a demonstration on creating a tooth pick holder.



David brought several finished tooth pick holders noted at the left. He used a variety of wood types, shapes and sizes to illustrate the many choices of styles. These would be nice Christmas

presents (hint). Thanks David for an excellent demo.



From April 18 until September 2015 all meetings will be at the Great Falls Fire Training Facility at 1700 9th Street South (behind the Boy Scouts Headquarters)

****Sat Apr 18 Demo - Chuck Kuether**

***May 12 Meeting/Demo**

****May 23 Demo**

***Jun 2 Meeting Demo**

****Jun 20 Demo**

***Jul 7 Meeting/Demo**

***Aug 4 Meeting/Demo/Club Elections**

****Aug 15 Demo**

Aug 22 Move back to college (This is tentative assuming the college conversion is completed)

***Sep 1 Meeting/Demo**

Sep 12 Move equipment to the college (if they weren't ready for us on Aug 22)

Sep 26 & 27 Symposium

*** 6:30 – 9 PM**

**** 12:30 – 4:30 PM**

Club Meeting and Demo Schedule

****Sat Mar 21 Demo – Ken Quashnik**

***Tues Apr 7 Club Meeting and Demo – Jay Eklund**

Sat April 11 Move Equipment from College to Fire Station

Thanks

A very special THANKS to:

All of you that come in early to help set up for the meeting and those of you that stay after the meeting to clean up and secure the equipment. It is deeply appreciated.



Thanks to **David Stratton** for doing the camera work at the Feb 21st Tool Making Workshop.



Thanks to **Tom Krajacich** for videoing the March 3rd Demo.

Thanks to **Chuck Kuether** and **David Stratton** for their time and effort to create and duplicate the DVDs of the demonstrations.

TIPS

Info Tip – Sam Sampedro

The Kelton Industries Specialized Tools Company has a site that can provide you with all sorts of woodturning information. Their site has a table of information including: Guides and Helpful Info and Videos. Check it out and it might provide you with good woodturning info:

http://www.kelton.co.nz/guides_videos.html

Club's Appreciation

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

Instant Gallery

Photos

(Great Photos by Paul Snyder)



Ed Austin



Ed Austin



Terry & Ben Hill



David Stratton Tooth Pick Holder
Demo Piece



David Stratton



Dirk Johnson



Del Johnson



Dirk Johnson



Rich Charlson



Tom Krajacich



Jay Eklund

Tool Making Workshop





Great Falls Woodturners 2015 Symposium

Featuring



Rudy Lopez

<http://www.rudolphlopez.com/gallery.html>

Turning Bowls, Creative Shapes and Much More

*When: September 26 & 27, 2015
9:00 AM to 4:00 PM*

*Place: Great Falls College, MSU
2100 16th Av S
Great Falls, MT 59405*

Door Prizes

Silent Auction

Registration Fee: Per Person:	\$125.00
Discount if PAID before September 1 st :	\$125.00 – \$30.00 = \$95.00
One Day Attendance:	\$60.00 (no discount)
Children Under 18 Accompanied by Adult:	\$15.00
College of Technology Students	\$30.00
Includes lunches on Dates of Attendance	(All Currency U.S. Dollars, Check or Money order)

WOODTURNING DEMONSTRATION
AND WORKSHOP
The Chinook Woodturning Guild

is pleased to host

CINDY DROZDA

Master woodturner and artist

Saturday, Sunday and Monday, May 23-25, 2015

Cindy Drozda is among the most accomplished and innovative woodturning artists working today in North America. See her art and craftsmanship on her website: www.cindydrozda.com

There will be an all day demonstration.

Saturday 23 May, 2015, 9am-4pm Registration: \$60 (Students \$30) includes lunch (Non-members \$70)

**Location: CASA Building, 230
8th Street South Lethbridge,
Alberta T1J2H2, Canada**

Please register to attend by contacting:

Vern Miller 403-892-6729 (verntheturner@gmail.com) or Dan Michener 403-331-9177 (danmichener@shockware.com)

ALSO

Cindy will lead two full-day hands-on workshops on Sunday, 24 May, and Monday 25 May, 2015. (If enough woodturners register.) **Registration for the workshop is \$175** (non-members \$190) The workshop is limited, so please call Vern or Dan if you would like to attend. **Register before 31 January, 2015.**

Woodturners of Olympia
Present

Creativity in Woodturning Symposium 2015



*A Day With
RICHARD RAFFAN
Saturday July 25, 2015*

Workshops July 26-29, and August 1&2 2015

Richard Raffan is perhaps one of the best known woodturners in the world and is the 2012 recipient of the AAW Professional Outreach Program Merit Award. At this symposium Richard will share his life-long knowledge of and passion for woodturning.

Symposium Demonstrations:

Back to Basics
Bowls
Lidded Bowls
Suction Fit Boxes

Workshops:

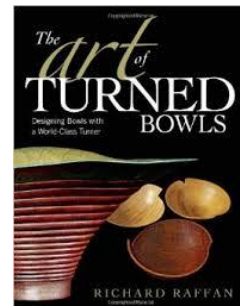
Basics Revisited
Bowl
Boxes

A couple of years ago, Richard noted that 'he is drifting into his retirement years' and may not be coming to the 'States' much anymore. Now, after he had to cancel his participation in our 2014 Symposium, we are **thrilled** to have another opportunity to host him in 2015. *Consider this Symposium a 'must attend' event.*

Register at <http://www.woodturnersofolympia.org/>

Don't miss this rare opportunity!

RICHARD RAFFAN July 25, 2015 in Olympia Washington!



Great Falls Woodturners

2014 Turning Club Meetings/Demos

****Sat Mar 21 Demo – Ken Quaschnik**

***Tues Apr 7 Club Meeting and Demo – Jay Eklund**

Sat April 11 Move Equipment from College to Fire Station

From April 18 until September 2015 all meetings will be at the Great Falls Fire Training Facility at 1700 9th Street South (behind the Boy Scouts Headquarters)

****Sat Apr 18 Demo - Chuck Kuether**

***May 12 Meeting/Demo - Barry Rockwell
(Please Note: This is the 2nd Tuesday of the month due to scheduling conflict.)**

****May 23 Demo – Tom Krajacich**

***Jun 2 Meeting/Demo – Wayne Petrini**

****Jun 20 Demo- Roger Wayman**

***Jul 7 Meeting/Demo – Sam Sampedro**

***Aug 4 Meeting/Demo/Club Elections – Dirk Johnson**

****Aug 15 Demo**

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Sep 26 & 27 Symposium

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)

Manufacturer's Videos

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

Oneway Mfg. - The Wolverine Sharpening System

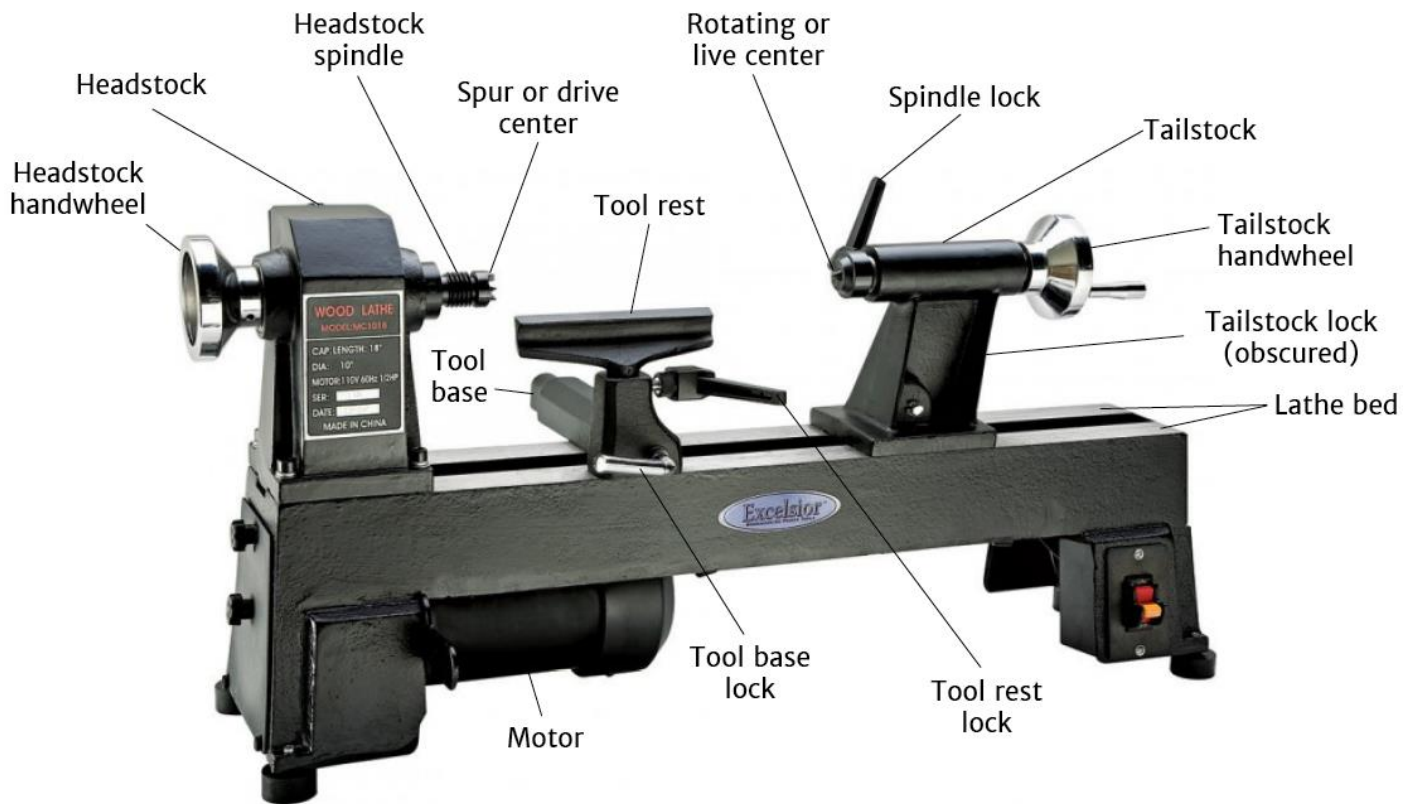
Books

Lathe Fundamentals – Rick Peters – Popular Mechanics Workshop

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

Basic Lathe Anatomy

posted on July 29, 2014 by Rockler



Key details to know

Morse taper: This refers to the tapered interior of the headstock spindle and tailstock spindle. Most woodturning lathes will have either an MT-1 or MT-2 spindle taper, with MT-2 being the most common. It's important to know your lathe's Morse taper in case you want to buy accessories such as after-market spur or live centers, a Jacobs chuck or a mandrel for turning pens.

Headstock spindle size and TPI: Knowing these specifications is important when you want to add a four-jaw chuck to your lathe. Most four-jaw chucks require an adapter to mount to the lathe, and these must match the headstock spindle. Common headstock spindle sizes are 3/4" x 16TPI, 1" x 8TPI and 1-1/4" x 8TPI.



Live center with
MT-1 Morse taper



Live center with
MT-2 Morse taper

Faceplate: Typically included when you buy a lathe, the faceplate threads onto the drive spindle and has holes for mounting bowl blanks with screws.

Swing over the bed: This is twice the distance from the tip of the drive center down to the lathe bed. It tells you the maximum diameter that can be turned on that lathe.

Distance between centers: This is the distance between the drive or spur center on the headstock and the rotating center in the tailstock when the tailstock has been moved out as far as it will safely go. It tells you the maximum length of stock that can be turned on that lathe.

Speed: What's the lathe's range of speeds? Is it a fixed-speed or variable-speed lathe?



Faceplate to fit a
1" x 8TPI spindle

posted on July 29, 2014 by Rockler

Finishing Comparison Guide

posted on April 25, 2013 by Rockler

Use this chart to compare finishes based on their appearance, durability and application. For more information about using these three criteria to choose your finish, see our article "Start to Finish".

★ Items marked with a star indicate our most frequently recommended products. In our experience, these products are among the easiest to use, and give consistently good results.

Wipe-On Finishes

When applying wipe-on type products, we recommend using lint-free cotton or Rockler's high-quality Cheese Cloth.

★ Rockler Shellac Kits



CHARACTERISTICS & QUALITIES: It dries very fast and gives you a nice appearance.

APPEARANCE: Best for matching antique finishes. Tinted for different wood tones.

DURABILITY & USAGE: It is not completely water resistant, and it can be brittle.

★ Sam Maloof's Poly/Oil by Rockler



CHARACTERISTICS & QUALITIES: Gives a very professional looking, handsome finish yet is relatively easy to use.

APPEARANCE: When used alone, you'll get a satin to semi-gloss finish with good chatoyance. Adds warmth to natural wood color.

DURABILITY & USAGE: Good durability. World-renowned furniture maker Sam Maloof uses this in combination with the Sam Maloof Oil/Wax (see below) for his museum-quality tables, rocking chairs, and other furniture.

★ Sam Maloof's Oil/Wax by Rockler



CHARACTERISTICS & QUALITIES: This oils-and- beeswax formula is made to be used in conjunction with Sam Maloof's Poly/Oil finish.

APPEARANCE: Use after applying Sam Maloof's Poly/Oil finish to increase chatoyance and give a rich, semi-gloss appearance.

DURABILITY & USAGE: See above. Oil/Wax formula is recommended for use on furniture that won't be exposed to excessive heat or moisture.

★ Arm-R-Seal by General Finishes



CHARACTERISTICS & QUALITIES: Deeply penetrates wood and builds to a highly protective finish.

APPEARANCE: Available in satin, semi-gloss, or gloss.

DURABILITY & USAGE: Excellent. Our most durable wipe-on finish due to the high polyurethane content. Great for kitchen tables and other pieces that need to stand up to heat, moisture, and alcohol.

Minwax Antique Oil Finish



CHARACTERISTICS & QUALITIES: Deep penetrating oil blend for a classic hand-rubbed finish.

APPEARANCE: Produces a low gloss sheen with the recommended 2 - 3 coats.

DURABILITY & USAGE: Intended for use on interior raw or stained wood surfaces. Additional coats may be applied occasionally to maintain like-new appearance.

Minwax Tung Oil Finish



CHARACTERISTICS & QUALITIES: This tung oil blend produces the grain enhancing effect that tung oil finishes are highly prized for.

APPEARANCE: Satin sheen.

DURABILITY AND USAGE: Good durability on interior wood projects. Can be applied to raw or stained wood, or over other Minwax finishes.

Minwax Wipe On Poly



CHARACTERISTICS & QUALITIES: Voted best value in a wipe on finish by Fine Woodworking Magazine. Combines the beauty of a hand rubbed finish with the toughness of polyurethane.

APPEARANCE: Satin sheen with very light amber cast.

DURABILITY AND USAGE: Good to excellent durability. Easy application and suitable for interior projects like furniture, molding and trim.

Butcher Block Oil



CHARACTERISTICS & QUALITIES: Safe natural penetrating oil finish for butcher blocks, cutting boards, wood utensils, salad bowls and other wood surfaces.

APPEARANCE: Grain-enhancing, flat sheen.

DURABILITY & USAGE: A completely natural oil that meets all FDA requirements for surfaces that contact food.

General Finishes EF Extender



CHARACTERISTICS & QUALITIES: Specially formulated to for use with General Finishes waterborne wood finishes. Use to increase the drying time of General Finishes top coat finishes.

APPEARANCE: Does not affect the final appearance of the finish when used as directed.

DURABILITY & USAGE: Use EF Extender in hot, dry weather to enhance the leveling properties of GF top coats, or whenever extended drying time is desired.

Tried and True Original Wood Finish

(No Picture Available)

CHARACTERISTICS & QUALITIES: Tried and True Original Wood Finish is a premium oil finish made with 100% natural, plant-derived ingredients. It's FDA approved as non-toxic and nonallergenic.

APPEARANCE: Natural sheen finish.

DURABILITY & USAGE: Excellent durability and this finish will become even more hard and durable as it ages. Safe to use on children's toys, cutting boards, etc.

Rockler's 100% Pure Tung Oil



CHARACTERISTICS & QUALITIES: A 100% natural oil containing no driers or solvents.

APPEARANCE: Flat to satin-sheen finish.

DURABILITY & USAGE: Good to very good. Very water-resistant. Use on furniture or any wood object where easy maintenance is desired

General Finishes Salad Bowl Finish



CHARACTERISTICS & QUALITIES: Made to be 100% safe for use on any wood surface that comes into contact with food. Varnish/oil blend.

APPEARANCE: Flat to satin sheen.

DURABILITY & USAGE: Good durability. Use on salad bowls, wooden spoons, cutting boards, etc.

Liberon Finishing Oil



CHARACTERISTICS & QUALITIES: A quick drying, low odor blend of high quality oils.

APPEARANCE: Produces a very even soft sheen.

DURABILITY & USAGE: Safe for food preparation areas. Resistant to water, heat, alcohol and food acids.

Behlen Woodturner's Finish



CHARACTERISTICS & QUALITIES: High gloss wipe on finish designed for small woodturning projects.

APPEARANCE: Ultra high sheen finish designed for turned work.

DURABILITY & USAGE: Wipe on bare wood and polish while your project is still on the lathe for a durable finish.

General Finishes Toy Maker's Finishes



CHARACTERISTICS & QUALITIES: Safe for use on children's toys and furniture. Applies easily like an oil, yet looks like a varnish.

APPEARANCE: Flat to satin sheen.

DURABILITY & USAGE: Good to very good durability. Use on bare wood or stained children's furniture and toys.

Bush-On Finishes

General Finishes PolyAcrylic Blend



CHARACTERISTICS & QUALITIES: Very fast drying and easy to apply. Easy water clean-up.

APPEARANCE: Available in satin, semi-gloss and gloss. Virtually clear so it adds almost no color to wood.

DURABILITY & USAGE: Good to very good. Use on chairs, dressers, chests, molding and woodwork.

General Finishes EF High Performance Waterbase Polyurethane



CHARACTERISTICS & QUALITIES: "EF" stands for environmentally friendly! Fast-drying. Easy water clean-up.

APPEARANCE: Your choice of satin or gloss. Virtually clear, so it adds almost no color to wood.

DURABILITY & USAGE: Excellent durability. Tough enough for kitchen/dining room tables. Durable enough even for floors!

Minwax Polycrylic Protective Finish



CHARACTERISTICS & QUALITIES: Affordable choice for an all-around clear waterborne

finish.

APPEARANCE: Water-clear when dry. Available in satin, semi-gloss and gloss

DURABILITY AND USAGE: Perfect for cabinets, molding and trim. Can be applied over oil-based and water-based stain. Recommended for lighter colored woods and stains.

Rockhard Table Top Varnish



CHARACTERISTICS & QUALITIES: A "short-oil" varnish formulated for an extra hard and durable finish.

APPEARANCE: High-gloss with an amber cast.

DURABILITY AND USAGE: Superior resistance to moisture, household chemicals and abrasion. Use on table tops or wherever an extra hard finish is desired. For interior use.

Zinsser Bullseye SealCoat



CHARACTERISTICS & QUALITIES: A clear, premixed 2 pound cut of de-waxed shellac. Can be applied with either a brush or lint-free cloth.

APPEARANCE: On raw wood, 2 to 3 coats will produce a soft velvety sheen. SealCoat is most often used as an undercoat, however.

DURABILITY & USAGE: Use to seal raw wood in preparation for a final finish. Makes an excellent sanding sealer and barrier coat. For interior use.

General Finishes EF Sanding Sealer



CHARACTERISTICS & QUALITIES: This waterborne sealer sands easily and is designed to seal raw wood, help fill in wood pores, and build up surfaces in preparation for final finishing.

APPEARANCE: Flat - not intended as a final finish.

DURABILITY & USAGE: Great for sealing wood pores prior to final finishing. Stearated for easy sanding and extra surface build. Easy water clean-up.

Spray Finishes

Zinsser Clear Spray Shellac



CHARACTERISTICS & QUALITIES: The classic finish for furniture and other wood surfaces now in convenient aerosol form. Safe and non-toxic, this natural finish enhances grain pattern and produces a soft, deep glow.

APPEARANCE: Soft, velvety sheen after 2 to 3 coats.

DURABILITY & USAGE: Good durability. Best for small-scale interior projects where a traditional finish is desired. Also has excellent sealing properties and can be used as a barrier coat under latex and oil paint.