



Great Falls Woodturners Newsletter

www.gfturners.org

Volume 9, Number 6

January 2018

A Few Word's....

I want to thank the following members who stepped up to provide demos during the year:

- Dirk Johnson – Four Times
- Sam Sampedro – Three Times
- Chuck Kuether – Two Times
- Tom Krajacich – Two Times
- Jay Eklund – Two Times
- Ed Austin
- Greg Yeager
- Harry Boughton
- Chris Johnson
- Wayne Petrini
- Paul Carlson

Please note that there is one date that needs your demonstration:

Jun 16 Demo

I wish to express my appreciation to **Jay Eklund** for stepping up and becoming the Web Site Manager for our club. He plans on updating the site in the near future.

I want to thank **Dirk Johnson** for all he does for the club. You probably don't know, but when Dirk can't make a meeting or demo, he makes the time to come to the Training Center to ensure that the facility is ready for us to set up for the meeting/demo. We really appreciate how you take care of us!

Thank you to **Gary Campbell** for helping with the video task of the Demos. Thanks Very Much!

Club Demonstrations

Tag Team Turning – Dec 16th

A Fun and Learning Day

On Saturday, Dec 16th several of the club members got together to have some fun and refreshments in our second Tag Team Turning Session.

We had four mini-lathes, thanks to Tom Krajacich and Roger Wayman for bringing in their minnies for the club to use. We also had the club big lathe, but decided to keep things equal and only

use the minnies since we had four teams of two. Also, we had a Timer, a Photographer and a few cheerleaders that were not able to turn due to medical situations.

Sam provided bowl blanks of Russian Olive and Birch. We chose teams randomly by drawing tickets and then the teams chose their lathes. After determining the woodworm size for the respective chucks, the holes drilled and bowl blank mounted on the lathes. At that point, Dirk started the five minute turning intervals and the fun began.

I've said this in the previous newsletter, but it needs repeating: **You can't believe how fast five minutes goes when you are turning. And, Dirk did not cut us any slack.**

We ended up with four bowls as you will note in the pictures later in this newsletter. These bowls will be finished and donated to the Grace Home for Veterans in the near future.

We had some fun, coffee, egg nog and vanilla chip cookies baked by Dee Sampedro.

This function is a great way to share our turning techniques and knowledge with each other. To a person, we all feel that this is a good way to have fun and learn better ways to turn. If you weren't there, you should give some consideration to attend the next Tag Team Turn in the future.



Dirk Johnson – Jan 2nd

Turning an Oblong Bowl

Dirk began the demo by discussing the steps required to turn an oblong bowl.



He told us that first it is necessary to turn a bowl and then gave us specifics to include in the bowl:



There is a bit of hand sanding when the bowl has been turned and processed for gluing to the oblong configuration.

It's necessary that when you turn the tenon that you leave a lip at the bottom of the tenon to make it easier to sand the tenon area after gluing.



That it is necessary to leave a 'bead' around the middle of the bowl in order to create a base/feet for the bowl bottom.



After mounting the bowl in the chuck, he made short work of hollowing the piece. Toward finishing the inside he took his time and ensured that the wall thickness was even throughout so when the walls were glued they matched nicely.

Note: Since he was using the club's bandsaw, he made that nice walnut blank into a small bowl to be able to make the cut.

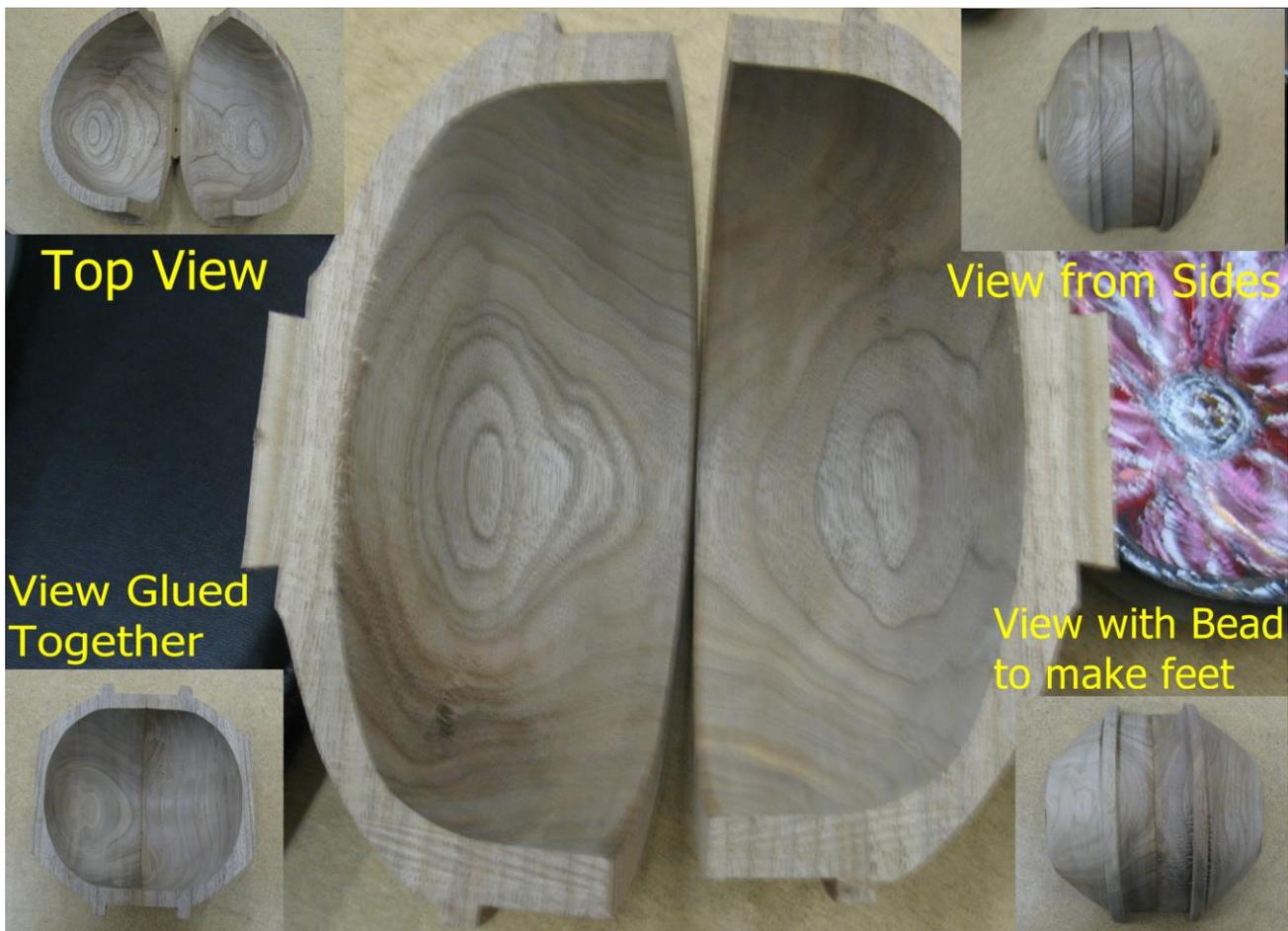
At that point he chose not to take time to sand, but it wouldn't be a bad choice to sand as much as possible to reduce the hand sanding later. Using a straight edge, he made sure the top edge of the bowl was true since that's where it will be glue together when cut in half.

Now it was time to mark the center of the bowl and then cut it in half on the bandsaw (picture not available).



Dirk chose to use a nice blank of walnut and proceeded to turn the outside of the bowl. He thought he was all done and then realized he need to leave that bead around the outside so he made the design change and THEN reversed the bowl.





After cutting the bowl in half, he then glued the two halves at the original top of the bowl and then it was transformed into an oblong bowl. It was time to make the four feet from that bead that was created, some sanding to his liking and then the finish room.

Another EXCELLENT demo by Dirk. We really appreciate it and also your willingness to go for that new and difficult demo.



TIPS

Shop Tip – Tom Krajacich

Double Bevel Grinding Jig:

At the tag team turning event held just this past weekend, I was asked about the double bevel on my $\frac{1}{4}$ and $\frac{1}{2}$ inch bowl gouges. I usually grind my bowl gouges to a 45 degree angle which allows for shear scraping. However, when you are attempting to turn the bottom on the inside of your bowl, your bevel doesn't allow you to clean the

bottom due to contact with the side of the bowl. This is where you have to go to the traditional bowl grind of 60 degrees.

The sharper angle of attack allows you to clean the bottom effectively and not be hindered by the side of the bowl. I have bowl gouges ground to both 45 and 60 degrees (can never have enough tools 😊).

However, there is another option. If you grind a double bevel on the bowl gouge it will allow you to use one bowl gouge to do both of these tasks. To facilitate grinding this double bevel I use a simple spacer jig on my Oneway Grinding System.

I will grind the 45 degree bevel on my gouge with the Oneway grinding arm, and then insert the spacer jig so that I don't have to reposition the arm (move the arm in). This allows the heel of the grind on the gouge to be taken away.

A 5/8 inch piece of plywood scrap was cut on the bandsaw to match the Oneway grinding arm (see picture). I then took a forstner drill bit and drilled a recess that would match a magnet that could be superglued into the back side of the plywood to hold it in the cradle of the Oneway Grinding arm. Then grind the gouge again with the plywood spacer in place and it produces a secondary bevel which changes the tip of the gouge to have a 60 degree face. Now you can effectively clean the bottom of your bowl. A very quick and simple way to create a repeatable double bevel on a gouge. Hope this is a helpful shop tip. Happy Turning! Tom Krajacich

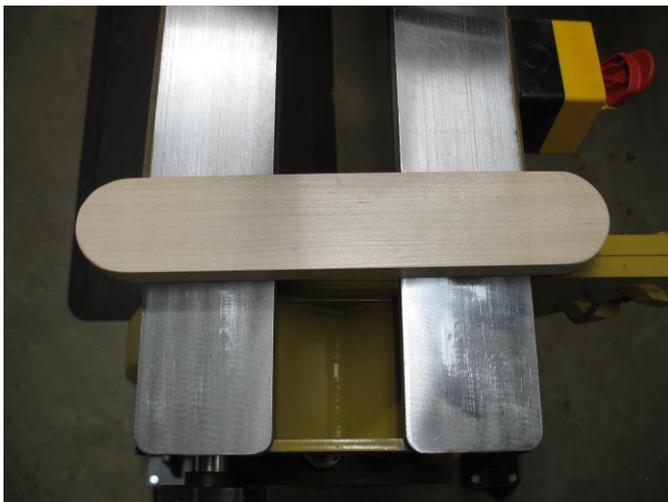


Shop Tip – Sam Sampedro

Lathe Tool Stopper

I'm a lazy kind of guy so when I'm turning I usually put the gouges that I'm using on the bed of the lathe. They are usually on the outside of the tail stock. I'm always concerned that they will roll off the end of the ways and of course land on the sharpened edge.

I finally made a 'tool' to prevent the tools from rolling off:



What I did was get a piece of wood and measure from center to center of the ways. I then got two earth magnets and measured them and drilled a recess for the magnets. I used epoxy to glue the magnets in the recessed holes.



When I'm using the tailstock I have the tool stopper on the ways. When I need to swing away the tailstock, I just store the stopper on the side of the lathe. I haven't dropped a tool again.

Club Officers

President: Sam Sampedro - 761-4145

Vice President: Roger Wayman - 460-0507

Treasurer: Chuck Kuether - 727-2442

Secretary: Dirk Johnson - 899-0728

Directors: Tom Krajacich - 727-3464

Wayne Petrini - 868-8420

Paul Snyder - 750-1999

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

Meeting Days: First Tuesday of the Month and
Third Saturday of the Month
(Unless otherwise noted in
The club schedule)

Meeting Times: Tuesdays: 6:30 PM
Saturdays: 12:30 PM



Thank you to our hosts, the *Great Falls Fire Department* for allowing our club to use their facilities.

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!

Instant Gallery

Instant Gallery Photos

(Photos by Paul Snyder and Sam Sampedro)

Please Note: There were several outstanding turnings at the Dec 16th Tag Team event, but we failed to take pictures of them. My deepest apologies to the members who brought them in. Would you please bring them in again so we can include them in the next newsletter Instant Gallery section.



Roger Wayman



Roger Wayman



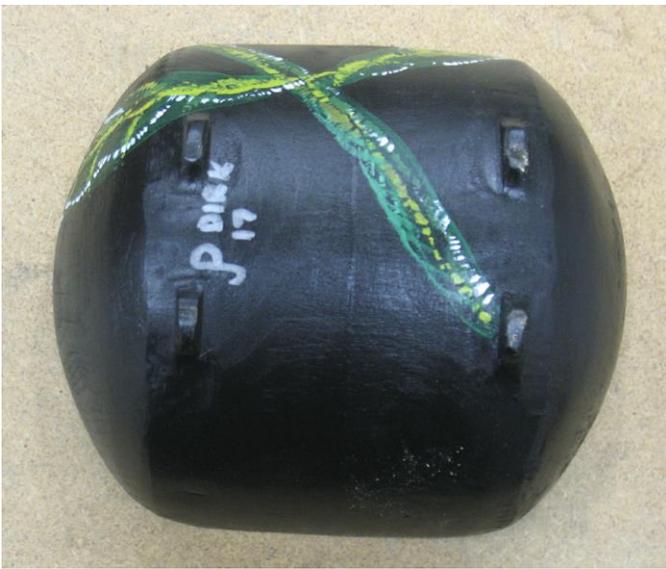
Gary Campbell and Roger Wayman
Tag Team Bowl



Tom Krajacich and Sam Sampedro
Tag Team Bowl



Dirk Johnson Oblong Bowl



Dirk Johnson Oblong Bowl (Bottom), Notice the four feet created from the rim that he left around the bowl when the outside was turned.



Dirk Johnson

Great Falls Woodturners Meetings/Demonstrations Schedule

Jan 20	Rough Turning the Club Bowl
Feb 6	Meeting – Bringing in the Feature Ring Blocks and creating the Feature Ring
Feb 24	Demo – Turning the Club Bowl (This is the 4 th Saturday due to Fire Training Station business commitments)
Mar 6	Meeting and Demo – Roger Wayman
Mar 24	Fire Fighters Learn to Turn
Apr 3	Meeting and Demo – Paul Carlson
Apr 21	Demo – This is the Kai Muenzer Symposium that will run from 9:00 AM to 4:00 PM and will cover two different demonstrations
May 1	Meeting and Demo – Wayne Petrini
May 19	Demo - Sam Sampedro
Jun 5	Meeting and Demo – Jay Eklund
Jun 16	Demo needed
July	We polled the club members at the Jan 2, 2018 meeting and decided to not have any meetings in July.
Aug 7	Elections, Meeting and Demo
Aug 18	Club Picnic

Please Note: Tuesday Meetings start at 6:30 PM, Saturday Meetings start at 12:30 PM

Director's Meeting Schedule

January 17 th	6:30 PM
February 21 st	6:30 PM
March 21 st	6:30 PM
April 18 th	6:30 PM
May 16 th	6:30 PM
June 20 th	6:30 PM
July 18 th	6:30 PM

Tag Team 2



Dirk Johnson - The Guy Who Speeds Up Time



Sam Sampedro and Tom Krajacich



Our Photographer – Chuck Kuether



Wayne Petrini and Kent Holtz



Randy Setzer and Jay Eklund



Gary Campbell and Roger Wayman



Kent and Wayne



Gary and Roger



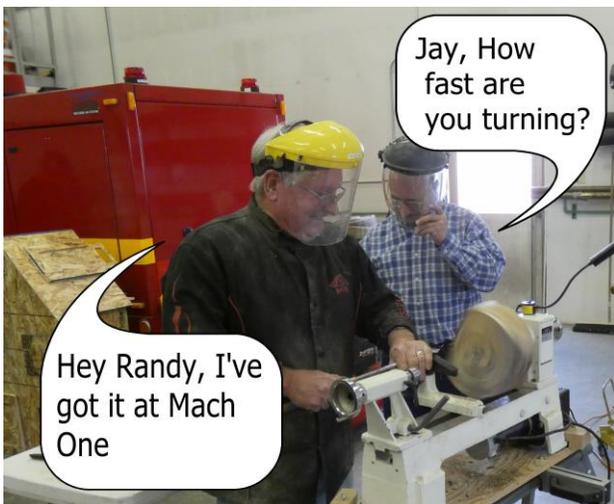
Sam and Tom



Sam, Tom, and Dave



Dirk, Randy and Jay

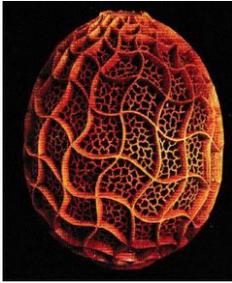


Jay and Randy

The Chinook Woodturning Guild of Lethbridge presents:

J. Paul Fennell

WOOD ARTIST



Saturday 19 May 2018

J. Paul Fennell hollows and carves wood to create forms inspired by nature

Demonstration

Saturday 19 May 2018 9 am – 4 pm

Registration: \$60 (Students \$40) includes lunch

**Location: Casa Building 230 8th St. South
Lethbridge, AB, T1J 5H2, Canada**

To pre-register contact:

Dan Michener 403-331-9177 (michenerdan@gmail.com)

André Laroche 403-393-5337 (gplaroche@telus.net)

(Registration will also be accepted at the door)

Workshop

Sunday 20 May 9 am – 4 pm

Registration for Paul's full-day hands-on workshop is \$200.

Space is limited so please contact Dan Michener or André Laroche, as above, if you would like to attend the workshop

Do not miss this opportunity to learn from and be inspired by one of the great artists of our time.

For those of you that have a Powermatic - Make a Holder



Prevent Cramped Hands



When I had to turn 275 large rosettes, I quickly found that my left hand cramped from holding my 1/2" bowl gouge and gripping the chuck key. As an experiment, I made a wooden sleeve through-bored for the tool's shank. I bored and tapped three 3/8" holes. Applying light pressure on three set-screws held the sleeve in place. The cramps in my left hand disappeared.

To solve the problem with the chuck key for my r-jaw scroll chuck, I found a 1 1/4" dowel through-bored for a 5/16" carriage bolt, then cross-bored it 5/8" for the chuck-key shank. This trick prevents me from getting annoying blisters on my hands.

Robert Vaughan, Roanoke, Virginia



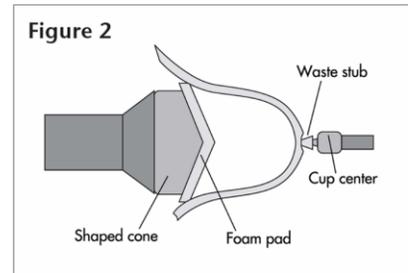
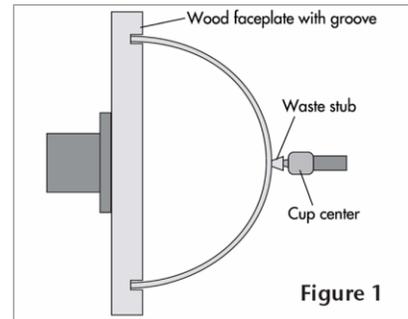
The Jam Chuck

This is the simplest device for reverse chucking: it is a wooden disk with a groove turned into it to match the diameter of the bowl. The bowl is reversed onto the disk and held in the groove by a snug fit, the groove serving also to center the bowl. The tailstock is brought up to help keep the piece in place. At low revolutions and with light cuts, the foot is shaped, leaving a small stub at the tailstock point. (See Figure 1.) This stub will finally be chiseled off and the spot sanded to blend in.

The wooden disk can be held via faceplate or screw chuck. It can be any material – plywood is just fine. One jam chuck disk is used per bowl, so you end up with a pile of disks on various diameters, but they can be reused with smaller-diameter bowls.

The tailstock support also works for irregular or natural edge bowls, when a foam-padded cone is used inside the bowl to jam against. (See Figure 2.) The cone is readily made from scrap wood to match the unique size and shape of the bowl; at its simplest it is the wasteblock left behind when the bowl is parted off. This approach is pretty straight forward and works well.

~ Peter M. Smith



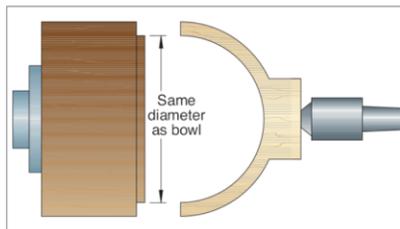
This item has been adapted from the article "Introduction to Chucking," by Peter M. Smith, which appeared in the June 1995 issue of *American Woodturner*.

Better Success with Jam-Chucking

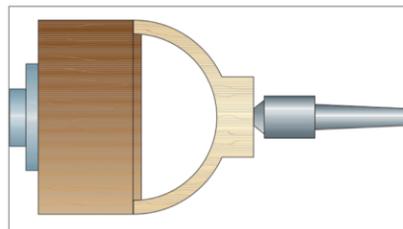
I've helped a few woodworkers who have had problems when turning with a jam chuck. This three-step process might help you be more successful.

- **Step 1:** Turn a jam chuck with a small tenon that fits inside the bowl. Turn the outside diameter of the jam chuck so the diameter matches the outside diameter of the bowl.
- **Step 2:** Fit the bowl over the tenon and apply pressure with the tailstock. For added security and antislip protection, wrap the joint between the bowl and jam chuck with masking tape.
- **Step 3:** With the foot turned, leave the masking tape in place but back off the tailstock. Slow the lathe speed and turn away the nub. When removing the nub, use light cuts that apply pressure toward the center of the form and toward the headstock. Then sand the bottom.

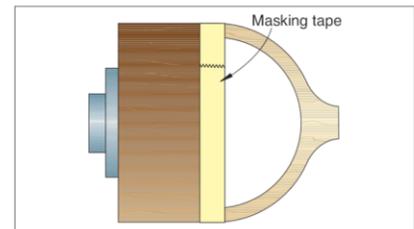
~ Chris Wright



Step 1



Step 2



Step 3