



Great Falls Woodturners Newsletter

www.gfturners.org

Volume 7, Number 9

June 2016



Flag Day – June 14th

Ladies and gentlemen, when our club was founded in 2009 it was decided that we would meet with a frequency of twice a month. Since it has been so difficult to get demonstrators the decision was made to change to one meeting a month.

Getting demonstrators is the most difficult situation in the club administration. It is very understandable that some folks are not comfortable speaking and performing in public. On the other hand, club attendance would dwindle and the club could possibly not exist.

With that in mind, I feel it's time to return to two meetings a month with the days being the **First Tuesday of the month** and **the Third Saturday of the month**.

These days will start with the Aug 6th Club Picnic date. Please see the revised Club

Meeting/Demonstration Schedule later in this newsletter. You will note that in some months it is necessary to move dates around due to the Fire Training Facility being used to conduct ongoing training by the Firefighters.

Taking the above factors in mind, I am asking those of you that have contributed to the club demonstrations in the past to please give consideration to conducting demo's again.

I ask you to keep in mind that **ALL** of us learn something from every demo. Even if you are relatively new to turning, you may have devised a method that the rest of us can adopt to improve our turning.

For those of you that are hesitant in performing that first demo, a suggestion was made to team up a 'seasoned' demonstrator with a person performing their first demo. If you would like to team up with a person that has performed demonstrations previously, please let one of the club officers or directors know and we'll get you a team member.

The club newsletter has the new info on club officers and directors for you to contact us for team set up. Thanks.

Sam

Club Demonstrations

Del Johnson – June 4th

Turning Flowers

Del began the demonstration by informing us that the flowers he was going to turn was made from freshly cut green limbs. Green wood is necessary in order to flare the cuts without losing the cuttings. He showed us examples of what he intended to demonstrate:



He mounted a fresh piece of limb and using a spindle roughing gouge he cleaned off the bark and sap wood in order to have a clean piece of wood to work with.



He then used the short end of a skew to take about a 1/16th cut and flared the end grain. Del emphasized to take small, slow cuts. When the flow was turned, he drill a small hole in the back of the flower and inserted a short piece of wire.



Upon completing the turning of the flower, he invited the attendees to come up and try their hand at turning a flower and using A SKEW. There were a number of us that went up and with his guidance, turned a flower. On a personal note, that's the first time I've ever used a skew successfully, THANKS Del.



Here is what you can accomplish turning flowers and coloring them with spray paint as Del has done.

Great job Del and thanks for doing an Excellent Demo!



Thanks

A Very Special Thanks To: David Stratton



It's hard to put into words our appreciation and affection to **David Stratton** for what he has done for the Great Falls Woodturners.

From the very beginning of the club, David has been in the forefront of doing anything and everything he can to ensure the success of this organization.

David has been the Club Treasurer from day one. He has collected any and all monies and managed them with great care and efficiency.

He has been instrumental in the videoing, duplicating, and controlling the video collection which was a contributing factor to the financial success of the club. When necessary he made the containers and dividers that made it easy to maintain the library of over 70 videos.

Any activity that was held or conducted, David was always there to contribute and work for the success. Pretty much every club meeting he was there to pitch in however he could.

We've lost count on the number of demonstrations he conducted that improved our turning skill.

On behalf of the Club Officers and Director's, and club members, we thank you Sir, for all you have done for all of us. Happy turning...

A Very Special Thanks To: Marian Stratton



It's also hard to put into words our appreciation and affection to **Marian Stratton**. Marian has been the Club's Secretary from the beginning.

She attended the club meetings and the director's meetings. How she was able to make sense of some of the discussions was amazing. When we read the minutes of those sessions it was amazing the items we talked about that some of us did not remember talking about.

And the COOKIES, FUDGE, etc. that she brought to all the club meetings and demonstrations. We're sure going to miss the goodies at the meetings. Marian, you spoiled us and we truly THANK YOU for your generosity.

Marian, on behalf of the Club Officers and Director's, and club members thank you for your great and generous contribution to our club.

Perpetual Bowl

The perpetual bowl activity was not conducted at the June meeting.

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.**



Shop Tip – Tom Krajacich

“Wrap it up”

Cellophane shop wrap (pictured) is Nifty Wrapper. It is very handy for holding together shop projects, or just closing boxes that need to be stored. However, if you have some wood that needs to have the end grain sealed, and you don't have green wood sealer on hand, it can be used temporarily for a sealant. It probably isn't the best for longer term storage as it may cause the wood to mold due to moisture being trapped. It is

truly handy and cheap. I hope that this is a helpful tip. Tom Krajacich



Dust Collection and Your Shop Vac:

If you add a cyclone to your shop vac you will not have to clean the filter very often and you will have more suction all the time. There are several versions available including ones by Rockler and Onieda. I waited years before purchasing one and now can't believe how I got along without it, my shop vac is quieter and should last long as it isn't working as hard with a clean filter. You can also do this same thing if you have a single stage collector, definitely the next step for me.

Information Tip – Sam Sampedro

Segmenting Info

While looking for some information on segmenting, yes, segmenting, I found an incredible site with great information on segmenting. It is a site that has PDF documents that can be downloaded and saved on your computer. When you go to the site, click on the documents and open them on your computer. If you right click, you should get a SAVE AS prompt which you can save the documents. Be sure to be aware of the folder where you save the documents so you can find them later. Note: There is much more info on this site beside segmenting info. Check it out!

<http://jlrodgers.com/techniques.shtml>

Shop Tim – Paul Snyder

Want to Make a Dowel?

I found a technique that worked for me last night that I am not sure if it is widely used or not. I was turning a small piece between centers to make a 3/8" dowel. It had to be close to exact to match a drilled hole. My problem was making it consistently 3/8" for the length needed. I hit on the idea of turning it close but a "hair" larger than desired. I took a 3/8" open end wrench and on the side of my grinder I "sharpened" the side of the wrench. I turned the dowel at one end so the wrench would slip on. Then with the lathe turning I moved the wrench, resting on the tool rest, along the dowel with the sharpened side toward the larger portion of the dowel. It cut the dowel to exactly the 3/8" size evenly along the whole length of the piece I

Tips From The Past

Shop Tip – Randy Gazda

was working. Worked for me, hope someone else can use the idea.

Paul

Club's Appreciation

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

Tom Krajacich
Randy Gazda
Paul Snyder

Items for Sale

No items submitted this month.

There doesn't seem to be any interest in the Items for Sale portion of the newsletter so if there is not input next month I will stop putting it in.



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!



Club Officers

President: Sam Sampedro
761-4145

Vice President: Roger Wayman
460-0587

Treasurer: Chuck Kuether
727-2442

Secretary: Dirk Johnson
899-0726

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 Day

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

Meeting Time

Tuesdays: 6:30 PM
Saturdays: 12:30 PM

Great Falls Woodturners

Sixth Annual Family Picnic

August 6, 2016

Noon until 5 PM

**Burgers, hot dogs, sodas, & water will be provided.
Please bring a hors d'oeuvre, hot dish, salad, or
dessert to share.**

Family & Friends Are Welcome

Location:

Fire Training Station (Club Meeting Location)
1900 9th Street South

Please RSVP to:

Dirk Johnson by July 25th
Dirk Johnson coopjord04@gmail.com

Or

Sam Sampedro by July 25th
csampedro@bresnan.net

We need the RSVP so we can have adequate food and drink for all attending

Instant Gallery

Instant Photos

(Great Photos by Paul Snyder and Sam Sampedro)



Dirk Johnson (Finished vessel from
Dirk's Demo)



Scott Johnson



Dirk Johnson



Paul Snyder



Paul Snyder



Scott Johnson



Scott Johnson



Dirk Johnson



Paul Snyder



Rich Charlson



Great Falls Woodturners

Meetings/Demonstations Schedule

- July 9th** **Meeting and Demo - Roger Wayman (The 9th is due to the July 4th Weekend)**
- August 6th** **Annual Club Picnic –Please see flyer in this newsletter**
- August 20th** **Meeting and Demo -**
- September 6th** **Meeting and Demo – Tom Krajacich**
- September 24th & 25th** **Trent Bosch Club Symposium**
- October 4th** **Meeting and Demo – Paul Carlson**
- October 22nd** **Meeting and Demo -**
- November 1st** **Meeting and Demo – Wayne Petrini**
- November 19th** **Meeting and Demo -**
- December 6th** **Meeting and Demo – Jay Eklund**
- December 17th** **Meeting and Demo -**

Please Note: Tuesday Meetings start at 6:30 PM

Saturday Meetings start at 12:30 PM

To the ladies and gentlemen who donated their turnings to the Great Falls Scottish Rite Childhood Language Disorders...THANK YOU!

GREAT FALLS SCOTTISH RITE
CHILDHOOD LANGUAGE DISORDERS
CLINIC
1304 13th Street South
Great Falls, Montana 59405
Telephone 406-727-1088



All of us at the Scottish Rite Language Disorders Clinic want to sincerely **thank you** for your generous donation to our recent Spaghetti Dinner Fund Raiser. With your help, we were able to raise over **\$12,000**. That money will be used to help us continue to provide speech and language therapy to our area preschoolers without charge to the families.

Great Falls is truly a "**GREAT**" place where we can make a difference!

Martha Reeves, Molly Beck, Susan Sanford, Julie Borgreen, Gwen Nowak and the Board of Directors

Great Falls Woodturners Symposium 2016

Featuring



Trent Bosch

www.Trentbosch.com

Vessels of Illusion, Carved Platters, Decorative Utility Bowls

**When: September 24th and 25th, 2016
9:00 AM TO 4:00 PM**

**Where: Great Falls Fire Training Facility
1900 9TH STREET SOUTH
GREAT FALLS, MT 59405**

| | |
|---|----------|
| REGISTRATION FEE: PER PERSON | \$125.00 |
| **DISCOUNT IF PAID ON OR BEFORE SEPT. 4 TH | \$95.00 |
| ONE DAY ATTENDANCE | \$70.00 |
| CHILDREN UNDER 18 WITH ADULT | \$35.00 |

ABOVE INCLUDES LUNCH ON DATES OF ATTENDANCE

(ALL CURRENCY U.S. DOLLARS, CHECK OR MONEY ORDER)

GREAT FALLS WOODTURNERS SYMPOSIUM 2016

Featuring: TRENT BOSCH

DEMONSTRATION REGISTRATION FORM

Name: _____

Address: _____

City/State: _____ Zip: _____

Telephone: _____ Email: _____

Payment Enclosed \$ _____

Names of Persons Attending (include under 18)

REGISTRATION FEE: PER PERSON \$125.00

**DISCOUNT IF PAID ON OR BEFORE SEPT. 4TH \$95.00

ONE DAY ATTENDANCE \$70.00

CHILDREN UNDER 18 WITH ADULT \$35.00

ABOVE INCLUDES LUNCH ON DATES OF ATTENDANCE

(ALL CURRENCY U.S. DOLLARS, CHECK OR MONEY ORDER)

Mail completed form and payment to:

Great Falls Woodturners C/O

Chuck Kuether

6 Bear Paw Place

Great Falls, Mt 59404

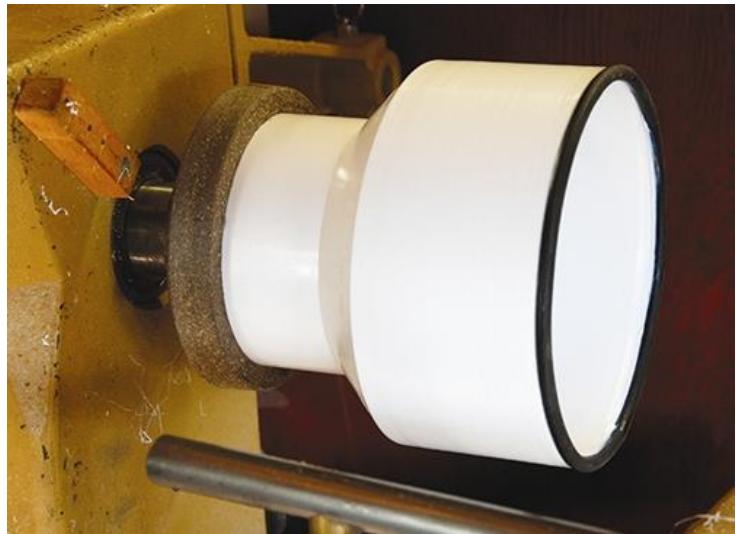
Millimeter to Inches Chart

Conversion chart

| | | |
|-----------------------------|--|----------------------------|
| 2mm ($\frac{5}{64}$ in) | 35mm ($1\frac{3}{8}$ in) | 145mm ($5\frac{3}{4}$ in) |
| 3mm ($\frac{1}{8}$ in) | 38mm ($1\frac{1}{2}$ in) | 150mm (6in) |
| 4mm ($\frac{5}{32}$ in) | 40mm ($1\frac{5}{8}$ in) | 155mm ($6\frac{1}{8}$ in) |
| 6mm ($\frac{1}{4}$ in) | 45mm ($1\frac{3}{4}$ in) | 160mm ($6\frac{1}{4}$ in) |
| 7mm ($\frac{9}{32}$ in) | 50mm (2in) | 165mm ($6\frac{1}{2}$ in) |
| 8mm ($\frac{5}{16}$ in) | 55mm ($2\frac{1}{8}$ - $2\frac{1}{4}$ in) | 170mm ($6\frac{3}{4}$ in) |
| 9mm ($\frac{11}{32}$ in) | 60mm ($2\frac{3}{8}$ in) | 178mm ($6\frac{7}{8}$ in) |
| 10mm ($\frac{3}{8}$ in) | 63mm ($2\frac{1}{2}$ in) | 180mm (7in) |
| 11mm ($\frac{7}{16}$ in) | 65mm ($2\frac{5}{8}$ in) | 185mm (7in) |
| 12mm ($\frac{1}{2}$ in) | 70mm ($2\frac{3}{4}$ in) | 190mm ($7\frac{1}{2}$ in) |
| 13mm ($\frac{1}{2}$ in) | 75mm (3in) | 195mm ($7\frac{3}{4}$ in) |
| 14mm ($\frac{9}{16}$ in) | 80mm ($3\frac{1}{8}$ in) | 200mm (8in) |
| 15mm ($\frac{9}{16}$ in) | 85mm ($3\frac{1}{4}$ in) | 305mm (12in) |
| 16mm ($\frac{5}{8}$ in) | 90mm ($3\frac{1}{2}$ in) | 405mm (16in) |
| 17mm ($1\frac{1}{16}$ in) | 93mm ($3\frac{2}{3}$ in) | 510mm (20in) |
| 18mm ($2\frac{3}{32}$ in) | 95mm ($3\frac{3}{4}$ in) | 610mm (24in) |
| 19mm ($\frac{3}{4}$ in) | 100mm (4in) | 710mm (28in) |
| 20mm ($\frac{3}{4}$ in) | 105mm ($4\frac{1}{8}$ in) | 815mm (32in) |
| 21mm ($1\frac{13}{16}$ in) | 110mm ($4\frac{3}{8}$ in) | 915mm (36in) |
| 22mm ($\frac{7}{8}$ in) | 115mm (4in) | 1,015mm (40in) |
| 23mm ($2\frac{9}{32}$ in) | 120mm ($4\frac{3}{4}$ in) | 1,120mm (44in) |
| 24mm ($1\frac{5}{16}$ in) | 125mm (5in) | 1,220mm (48in) |
| 25mm (1in) | 130mm ($5\frac{1}{8}$ in) | 1,320mm (52in) |
| 30mm ($1\frac{1}{8}$ in) | 135mm (5in) | 1,420mm (56in) |
| 32mm ($1\frac{1}{4}$ in) | 140mm ($5\frac{1}{2}$ in) | |

Plastic Decking for Vacuum Chuck

I use threaded plastic decking planks and plastic pipe for my airtight vacuum chucks. Other turners have used MDF and then coated the threads with CA glue and coated the edges and flat surfaces with shellac or varnish in an attempt to achieve an airtight seal, with varying degrees of success. Plastic decking is already airtight and holds threads well, is durable, readily available (scraps at construction sites are usually free), and easily shaped with woodworking tools.



Mark out the blanks about .5" (13mm) oversized, cut them out with a bandsaw, drill a hole in the center, and tap with a wood tap the appropriate size for your lathe. Then screw the blank onto the lathe headstock, turn the blank round, and true up any wobble. Next, measure the inside of the piece of plastic pipe you are using for a chuck and carefully turn a friction fit rabbet on the edge of the blank. Use silicone adhesive sealant to glue the pipe to the blank. After the sealant has cured, true up the pipe on the lathe and glue ethylene plastic foam (used for packing) to the edge with 3M Super 77 spray adhesive. The thickness of the foam doesn't matter. I have used .625"—.25" (2mm–6mm) thick with equal success.

An alternate method is to mount the blanks between centers and turn a tenon for a four-jaw chuck. Mount into the four-jaw chuck, drill and tap on the lathe, and then screw onto the headstock threads. Proceed as for the first method.

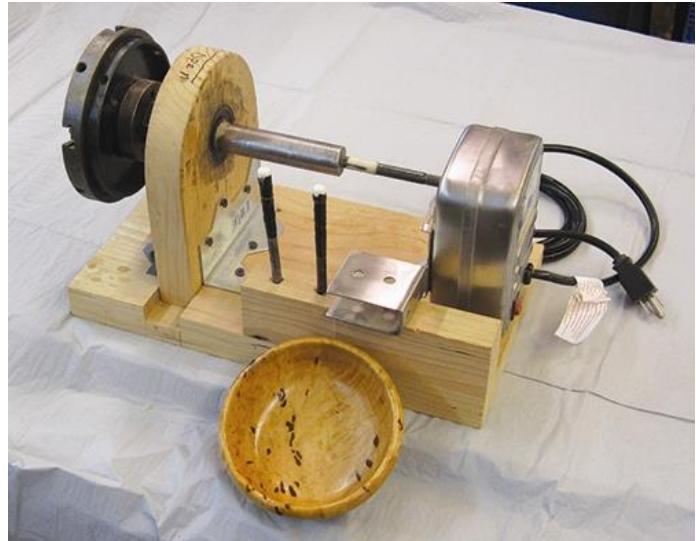
Doug Turner, Salt Lake City, UT

High-Build-Up, Finish-Drying Tool

This is a drying device that I made, copying one that Jan Panek had made. The devise allows thick finishes to dry evenly. With the piece attached to a chuck, apply one thick coat of finish and turn the machine on. It rotates at 10rpm and will keep the finish from running. The pieces I've finished on this device have a thick, deep finish and look as if I have applied twenty-five coats.

Parts needed:

- Slow-speed motor (I use a barbecue rotisserie motor)
- Chuck one large bolt with a 1" (25mm) x 8tpi and nut to fit your chuck
- Two 1" (25mm) bearings
- Two brackets
- 1.375" (10mm) bolt, with the end squared to fit the motor



Drill into the end of the 1" (25mm) bolt so that the .375" (10mm) bolt sets .75" (19mm) into it. Drill and tap the inside of the 1" (25mm) bolt to hold the .375" (10mm) bolt with a setscrew. Loosen the setscrew when applying finish. The 1" (25mm) nut, which is also drilled and tapped, serves as a stop for the chuck.

Lou DeMola, Clifton Park, NY