



Finger Lakes Woodturners

A Chapter of The American Association of Woodturners



Sharpening Demo By Bruce Impey

At the September FLWT meeting we enjoyed three different presentations on the subject of sharpening. The demonstrators were David Gilbert, Ralph Mosher and Jim Echter. Thanks to Terry for coordinating this. Terry started off by reminding that there are many ways to sharpen and no one way is necessarily the right way, but that most of us will not sharpen enough.

Dave Gilbert started off and showed us his setup on the One Way. Dave is doing bowl turning and has been influenced by Glenn Lucas towards precision and accuracy. Dave uses a couple of CBN wheels, which I think are diamond and will never wear down. You can get these from Norton and I expect they are quite pricey.

Ralph showed us some special scrapers angled right and left for getting in around the tailstock. He showed how he sharpens with one sweep on the grinder with a fixed tool rest. He doesn't know the angle, but it works. For a very fine cut, Ralph's tip is to diamond hone the burr off and then go to the burnisher. Only do this once per sharpening. Ralph talked about something he learned from Mike O'Donnell about the second bevel on a bowl gouge eliminating ripple on the bowl bottom. Ralph wanted an Ellsworth grind but couldn't get it right so he got a jig. One sweep left and one right and it's good without taking a lot of metal off.

Then we got to hear from the Frugal Woodturner. Jim preaches and practices affordable tool sharpening and advocates the flat grind, but it was a long road to that

for him. The hollow grind sets up the grooving that Ralph mentioned, which Jim calls porpoising. With a flat grind there is less grooving. Jim started sharpening on a 3600 rpm grinder and then on an 1800. He burned the edge of his carbon steel tools "like we all did". The Tormex system with a bucket of water in a dry shop is a real pain. He did the freehand sharpening and honing on oil stones, which by the way doesn't do much good with powdered metal tools.
(con't next page)

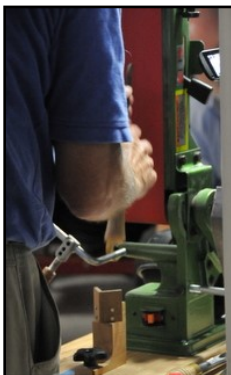
FLWT meetings are held from 6:45 to 9:00 PM (pre-meeting Show and Share starts at 6:00 PM) on the 3rd Thursday of the month each month. Our meetings are held at the Isaac Heating and Air Conditioning University classroom, 180 Charlotte St, Rochester, 14607. For more information, go to <http://fingerlakeswoodturners.com/>.

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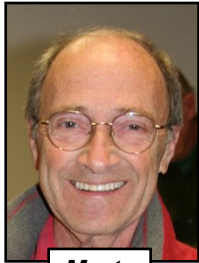
Sharpening Demo (con't)

Jim has developed the \$100 belt sharpening system which he gives away the plans for. You can check out the details on <http://tcturning.com/> along with other tips and articles. It's pretty simple, just based on a Harbour Freight belt sander, with things re-arranged a bit. The direction of the belt needs to be reversed so pitch the motor or figure-8 the belt. He uses a 120 grit sanding belt.

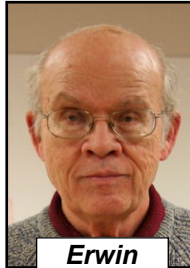
The difference between Benjamins Best and a Sorby gouge? The finish on the inside of the flute. Get a dowel and wet sandpaper and polish the flute. Hone on the buffing wheel every sharpening.



Members Show and Share



**Marty
Chatt**



**Erwin
Tschanz**



**Sam
Tischler**



**Dave
Gilbert**



**Gary
Russell**



**David
Gould**



**Harry
Stanton**



**Brian
Effinger**



**John
Stevens**



**Dan
Meyerhoefer**



Adding Decoration to a Bowl by Fred Holder

This article is provided by More Woodturning Magazine. Please visit their web site: www.morewoodturningmagazine.com

I don't turn a lot of bowls each year, perhaps 12 to 15 at the most, and often they are small bowls that are never finished because they were used to test a tool or show a student how to turn a bowl. I seldom apply any decoration to a bowl, but occasionally I do get an urge to try something different. This story is about such an occasion.

Nearly two years ago, I had rough-turned and cored a nice 10 inch maple bowl. I decided to finish it and do some form of decoration on it. The decision was to put a circle of 24 dots of a contrasting wood on the top of the rim of the bowl. So, when I finished turning the bowl, I left the top of the rim wider than I normally would.

This was shortly after I acquired one of Richard Benham's Rim Chucks so I tried using the Rim Chuck to turn the foot of this rough turned bowl to fit my Nova Chuck with large jaws. The bowl was a bit warped on top and somewhat out of round; however, it fit nicely into the Rim Chuck so I could turn the foot to fit my chuck (see the photo) below.

I never trust any of the reverse-chucking devices completely and normally give additional support with my cup-shaped live center as shown in the photo.



Adding Decoration to a Bowl (con't)

Using a Rim chuck to turn the foot of my rough turned bowl.

With the foot turned to fit into the chuck, I mounted the bowl in the chuck and final turned the outside and the inside. Incidentally, I used the cup-shaped live center to support the bowl in the Nova Chuck also. This allows more aggressive turning without concern of losing the bowl from the chuck.



Turning the outside of the bowl when mounted in the Nova Chuck.



This cup-shaped live center doesn't mar the bowl's surface when used as support for the chuck.

Adding Decoration to a Bowl (con't)

I used some reddish colored wood that we had in inventory. I don't know its name because it came from a scrapped-out crate. So I just call it "Crate Wood". This board was 3/4" thick. I used a plug cutter to cut enough plugs to fill 24 holes around the rim of the bowl.

I then used a Forstner Drill in the Oneway Drill Wizard to drill the 24 equally spaced holes, the maximum indexing positions on my Nova DVR 3000. Actually, I glued in a plug each time I drilled a hole. The glue used was Tite-Bond 2, which is the glue that I use almost exclusively. I've never had a glue joint fail with this glue, which is a good reason to continue its use.



Drilling the 24 equally-spaced holes with the Oneway Drill Wizard and my 3/8" drive drill motor that had to be purchased to fit the collar of the Drill Wizard.

Once the glue was dry, I turned away the tops of the plugs, finish-sanded, and applied finish to the inside and outside of the bowl.

Adding Decoration to a Bowl (con't)



A view of the top of the bowl while still mounted on the lathe.

The bowl was now ready to reverse and turn the foot. I would have normally reversed the bowl onto my vacuum plate made by Vicmarc that I've had for a number of years. However, the Rim Chuck was easier to set up and worked very well. Again, for safety sake, I used tailstock support; something that I do with any reverse turning method, whether it is a jam chuck, a vacuum chuck, a Longworth Chuck, or the Rim Chuck.



Adding Decoration to a Bowl (con't)



I was pleased with the bowl and so was the person who purchased it.

If you haven't tried decorating one of your bowls, perhaps it is time that you gave it a try. This was a very simple method, but only one of many ways to enhance the appearance of a fairly plain piece of wood. Give it a try.

Demo Schedule

October 15-17	National Turner, Mike Kehs – Bowl Turning with Carving/Embellishment (Friday night meeting, Saturday demo, Sunday Workshop) see www.michaelkehswoodworks.com
November 19	Bruce Impey- Magic trick on the lathe
December 17	Round Robin, Holiday Themed
January 21	Jeff Cheramie
February 18	Mark Mazzo- Lidded Box
March 17	Jim Echter – Spindle Turning
April 21-23	National Turner, Jamie Donaldson – Winged Bowls (Friday night meeting, Saturday demo, Sunday Workshop) see www.jamiedonaldsonwoodturner.com
May 19	Albert Filo – Off-Center and Spiraled Vessels

EVENTS AND MENTOR CONTACTS

Local and National Woodturning Events of Interest

Year/Date	Event	For More Information
June 9-12 2016	AAW Symposium—Atlanta, Ga	www.woodturner.org/
April 2-3 2016	Totally Turning- Saratoga Springs City Center	www.nwawoodworkingshow.org

Mentor Contacts¹

Name	Day Tel	Eve Tel	Email	Turning Skills / Specialty
Ward Donahue	334-3178	334-3178	wddonah@frontiernet.net	Spindle & hollow turning, coring, sharpening
Jim Echter	377-9389	377-9389	jechter@rochester.rr.com	Spindle & faceplate turning, sharpening
David Gould	245-1212	245-1212	D2sGould@aol.com	Bowls, plates and hollow-forms
Jim Hotaling	223-4877	223-4877	jhotaling2198@aol.com	Christmas ornaments
Ed Lehman	637-3525		elijw@rochester.rr.com	General turning
Ralph Mosher	359-0986	359-0986	2rmosher@rochester.rr.com	Bowl turning, Boxes, Sharpening, Tool control
Terry Lund	455-2517	455-2517	terry.lund@gmail.com	General turning
Gary Russell	227-8527		cngRussell@gmail.com	General turning, bowls, ornaments, finials
Erwin A. Tschanz	271-5263 (Dec – Mar)	271-5263 (Dec – Mar)		Historical, bowls, plates, goblets, boxes, bone, antler

1. Here's a great way for you to improve your turning skills. FLWT has award winning and expert turners who, at no cost, are willing to share their expertise one-to-one with other club members. A mentoring relationship might be as simple as getting a mentor's advice in a one time conversation. Or, it might include regu-

lar hands-on sessions over a lathe. The exact nature is up to you and your mentor. If you feel you could benefit from mentoring, organize your thoughts about your needs and contact an appropriate volunteer mentor above to determine if he or she is a match and available. ♦

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- FLWT members (must show membership card) receive a 10% discount.
- Excludes sale items, power tools & Leigh jigs, CNC, Festool, and Rockler Gift Cards.
- Valid at Buffalo, N.Y store only.
- Not valid with any other coupon or offer.

FLWT Board of Directors 2015/2016

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