

# Minnesota WoodTurners Association

A LOCAL CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS

Volume 2015 No 8 Rev 1

September, 2015

**AAW** | AMERICAN ASSOCIATION  
OF WOODTURNERS



**One new member, Steve Miller, helps another new member, Tom Thompson turn a spindle at the August South East Turners meeting.**



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### III. MWA EVENT CALENDAR

<p>January, 2015</p> <p>6<sup>th</sup> Membership Mtg Sharpening Systems Nelson, Robinette, etc</p> <p>13<sup>th</sup> Board Meeting</p> <p>23, 24, 25, Craig Lossing, Pro</p>	<p>February, 2015</p> <p>3rd Membership Mtg Gluing Segmented Work Bob Puetz</p> <p>10<sup>th</sup> Board Meeting</p>	<p>March, 2015</p> <p>3rd Membership Mtg Fun with Spindles Steve McLoon</p> <p>10<sup>th</sup> Board Mtg</p> <p>13, 14, 15 Nick Cook, Pro</p>	<p>April, 2015</p> <p>7<sup>th</sup> Membership Mtg Hollowing Mark Debe</p> <p>14<sup>th</sup> Board Mtg</p>
<p>May, 2015</p> <p>5th Membership Mtg Making Platters Steve Mages</p> <p>12<sup>th</sup> Board Mtg</p>	<p>June, 2015</p> <p>2<sup>nd</sup> Membership Mtg Skype with Joe Hermann</p> <p>9<sup>th</sup> Board Mtg</p> <p>25-28 AAW Mtg Pittsburg</p>	<p>July, 2015</p> <p>7<sup>th</sup> Membership Mtg Finishes Mark Palma</p> <p>13<sup>th</sup> Board Mtg</p>	<p>August, 2015</p> <p>4th Membership Mtg Home Made Lathe Tools Jeff Luedloff</p> <p>11<sup>th</sup> Board Meeting Chainsaw Safety Class Sat 22 Noon -4PM</p>
<p>September, 2015</p> <p>1st Membership Mtg A Goblet W Captive Rings Gary Mrozek</p> <p>9<sup>th</sup> Board Mtg</p> <p>24,25,26 Dixie Biggs Pro 24@UofMN, 25@Salva Army, 26 @ Auge</p>	<p>October, 2015</p> <p>6<sup>th</sup> Membership Mtg Pendants Robinette and Farber</p> <p>13<sup>th</sup> Board Mtg</p>	<p>November, 2015</p> <p>3rd Membership Mtg Put a twist in your work Todd Williams</p> <p>10<sup>th</sup> Board Mtg <b>Al Stirt Pro demo</b> <b>13,14,15</b></p>	<p>December, 2015</p> <p>No Membership Mtg No Board Mtg</p> <p><b>Christmas Party</b> <b>Dec 3</b> <b>Roseville Community</b> <b>Center</b></p>

#### September/October Special Events at a Glance

September 4, lidded boxes, Mike Hunter, Rick Auge's shop 11:00 am to 2:00 pm  
September 14 Linda Ferber Multi Axis Chuck Mounted Turning Demo at Neil Robinette's shop 6:00 to 9:00 pm  
September 24, Hamburger Club at the 50's Club Brooklyn Center 11:30 am-1:30 pm

**Three classes plus the regular sharpening class are planned for October. Watch for MWA blasts for details**

**Note events shown in Bold Blue for November and December**



## IV. Editorial (Pete Bryant)



The final quarter of every MWA year is always hectic. Normally, members have a few final classes, elections, and gift and ornament making for friends, family, and the gift exchanges at the MWA Christmas party. I am still working on Christmas projects from last year and I suspect that this is the case for many other members.

This year, however, we have a lot more things happening. For instance, we will have a fourth professional wood turner presentation in November. We also would like to hold four classes per month to meet the needs of many new members. In addition to these extra activities, we currently plan to shut down the current website at the end of September and upload a new website in its place. This new website will be evaluated and upgraded as necessary for 90 days or until the end of the year.

Once implemented, the new website promises to provide significant improvements such as online registration and payment for both membership and classes. In September, the board reviewed the new website and plans to proceed. We expect that each member will get better service and the board will spend less time in administration. As with any new software change, the number and severity of glitches is unknown.

You will be interacting with the new website in the final quarter of 2015. Your input is important. Please advise a board member of any issues you encounter during this time. Lets get the new website up and running quickly. But let's also remember that this final quarter will be more hectic than most.

## V. Monthly Meetings

### A. September Membership Meeting

#### 2. Meeting

##### d. Main Presentation

Due to a number of factors, including technical difficulties and vacations, photos from the entire September meeting are not available. This includes any coverage of pre-meeting events, the main presentation, president's challenge, Beads of Courage, and instant gallery. However, a clear explanation of the main presentation, "How to Make a Goblet with an Attached Ring" by Gary Mrozek is available for your review. This is presented on the following pages.

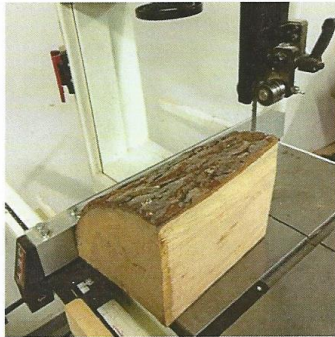




# Turning a Long, Thin Stemmed Goblet With Captive Rings

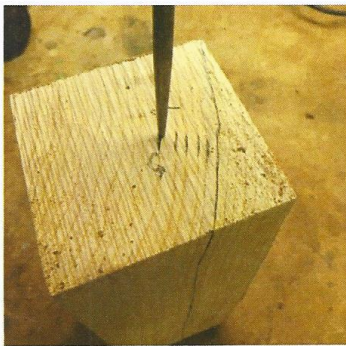
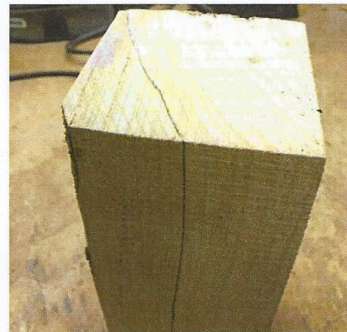
By Gary Mrozek

## Preparing the Wood



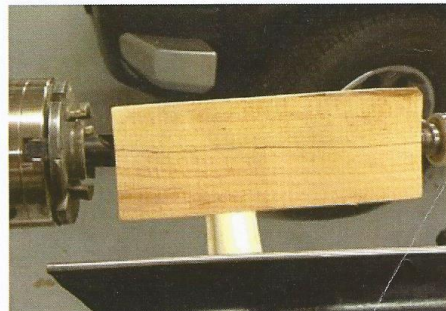
Select a piece of straight, narrow grained wood, clear of any knots or inclusions. Any green wood will work, but a piece that has good grain definition or contrast is helpful. Cut the wood to a 3" x 3" blank, about 7" to 9" long. Try to cut along its grain or growth ring.

Locate a pronounced grain and trace it along the length of the blank and across the end grain on both ends.



Count the growth rings from the line you just drew to find the approximate center. Mark the same ring on both sides by counting the same number of rings in the same direction on both sides. With an awl or center punch, mark the growth ring you identified.

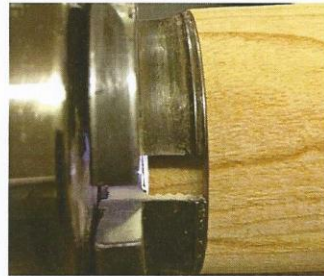
Mount the blank on the lathe with the center pin of the drive spur and live center on the growth ring you marked in the previous step. Be aware that the piece will likely be off center and wobble when you start your lathe, but this step is critical. The goal is to have a single growth ring or two run straight through the stem to provide maximum strength, stability, and straightness when drying.





Create a tenon appropriate to the 4-jaw chuck and jaw profile you'll be using.

The tenon should be close to, but not touching the bottom of the jaws. For maximum gripping straight, create a shoulder that will mate with the outer face of the jaws. Use your tail stock/live center to apply lateral pressure as you tighten up the jaw of your chuck.

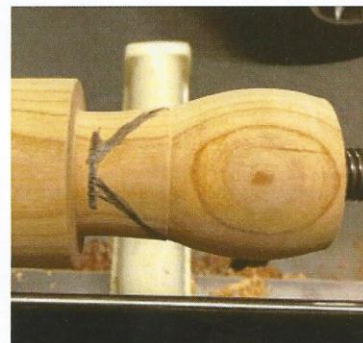


## Shaping and Hollowing the Cup

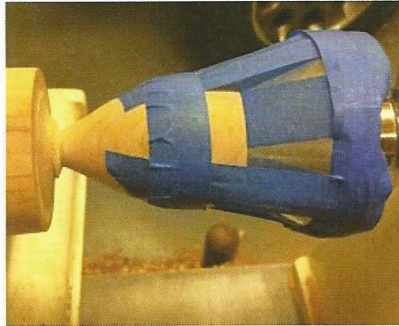


I use a rule of thumb (or should I say "finger") to determine the depth of the cup. Consider a depth that allows comfortably extending your index finger inside the cup for sanding and finishing.

With the live center still in place, begin shaping the top 2/3 of the cup to finish size and sand if desired. Keep a significant amount of wood on the bottom 1/3 (approx. 1 1/2" diameter) to provide the mass necessary to insure strength and stability while hollowing the cup.







Apply additional strips of masking tape from the top of the cone to the center of your goblet cup. Stretch the tape slightly and secure these strips in place with additional tape applied around the cone and goblet. The purpose of this step is to apply a "pull" versus pushing force on the wood. This will be critical as you begin to turn the stem. This pulling force reduces the tendency to cause "flinging" and/or distortion while turning the stem.

## Shaping the Stem and Captive Rings

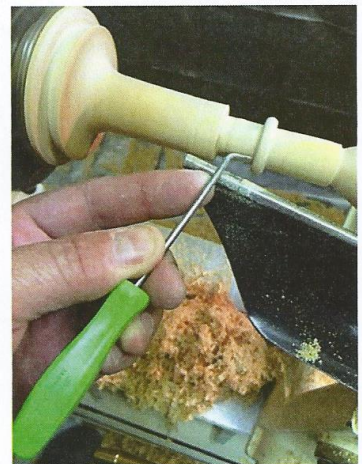
Turn the stem of the goblet to the desired size of the rings you wish to create. For me, a common size is 1".

*Note the straight grain running through the stem.*

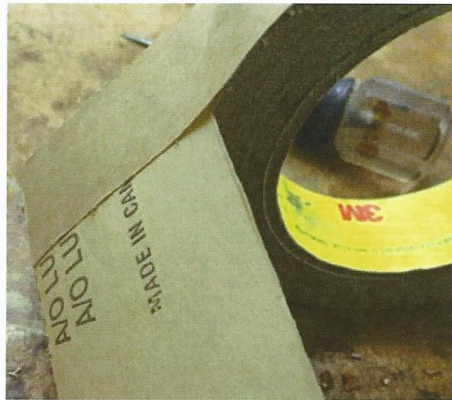


Locate the first ring about an inch away from the cup. This will be critical in the next few steps. Sand the ring to the desired finish before you part the ring from the stem.

The tool I use to part the rings is a mechanic's pick, available at NAPA or other automotive parts stores. There's no special sharpening. With a scraping action, remove the material under the ring incrementally as you alternate from side to side. Too long and you may burn the wood.

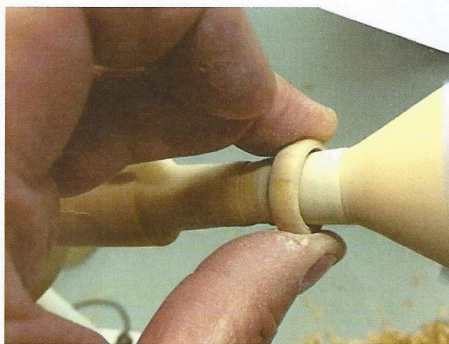






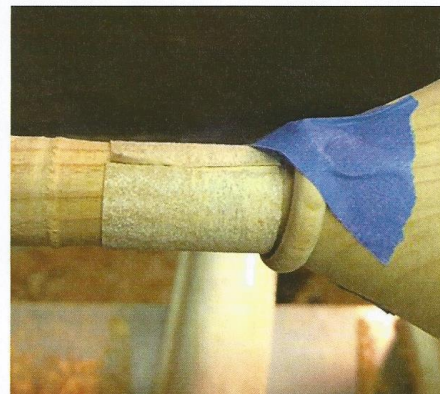
The next steps will prepare a convenient way to finish the underside of your ring. Apply double stick tape to a piece of sandpaper. I use 180 grit.

Trim the sandpaper and attach it to the 1" area you created between the first ring and the goblet cup. This creates a temporary sanding drum. A gap between the ends of the sandpaper is better than an overlap.



Turn the lathe on at a slow speed. With your fingertips, roll the ring on the revolving sandpaper to shape and finish the inside. The same technique can be used if you want a round ring versus a wedding band style ring.

When you're satisfied with the ring, tape it to the cup to keep it out of the way as you shape the next ring.





## V. Monthly Meetings

### B. Lunch Gatherings

#### 1. Hamburger Club

The Hamburger Club met at the 50's Club, Brooklyn Center on September 24. This time was selected so that Dixie Biggs could join the group for lunch. Two pictures of this event are shown below (compliments of Rick Auge).



Dixie is in the middle  
left of the picture  
looking at a magazine.



**The next Hamburger Club Meeting will be Thursday 10/15/15. It will be held from 11:30-1:00 at the 50's Club in Brooklyn Center.**

**Note that for the winter the normally scheduled date is every Thursday of the week after the MWA membership meeting.**

**This meeting place is most convenient for those on the north side of town. But everyone is invited.**

## **V. Monthly Meetings**

### **C. Area/Regional Turning Meetings**

#### **1. SE Metro Turning Meeting**

**Jim Jacobs reports on the 8/21/15 gathering of the SE turners:**

**“Bob Hansen hosted the August SE metro woodturning group at his house in Cottage Grove. Bob has a beautiful location deep in the woods with a yard on the shore of the Mississippi River. Lee Tourtelotte dubbed this meeting the "Mississippi Woodturning Expo". We had 9 members: Gar Brown, Lee Tourtelotte, Dave Olson, Arden Griep, Dave Zinck, Bob Hansen, Jim Jacobs, and new members Tom Thompson and Steve Miller. The group is shown below preparing for some woodturning.**





**The first thing we had to do was check out Bob's shop, of course, and his beautiful lathe ..the Robust sweet 16! Bob likes to turn bowls as well as other items..you may have seen his "Bee Hive" beads of courage boxes.**

**Jim brought his jet mini which we set up in Bob's arbor overlooking the river. Of course, we had some show and tell and demos on the lathe. New member Steve Miller, assisted new member, Tom Thompson (See cover). Welcome you guys!**

**Chef Bob whipped up a great lunch which we started eating on the patio. Then, a passing shower came thru.**



**The same shower cancelled a planned Mississippi River tour on Bob's pontoon boat!**

**We moved inside without missing a bite, still talking about wood turning.**

**We all love our woodpile, and Bob generously offered each turner the pick of his personal woodpile. Steve Miller, planning a big bowl, loads his selection as shown below.**





**Thank you Bob for hosting.”**

**The SE metro group meets monthly in various locations. It is open to all. Watch for MWA blasts.**

## **V. Monthly Meetings**

### **C. Area/Regional Turning Meetings**

#### **2. Plymouth Area/Regional Turning Meeting**

**The Plymouth Group met Wednesday September 23 at Steve Mages shop. Recently, a man named Bill Kreykes was moving from one spot in Plymouth to another. He had no spot in his new home for his Powermatic lathe. He contacted MWA and was referred to Steve. After some discussion, Bill’s lathe is in Steve’s shop and both men are free to use it. Steve now has four lathes of various sizes in his shop.**

**Bill is now a member of the Plymouth group and a new MWA member.**

**Next Plymouth turners meeting at Steve Mages October 28 , 7:00 to 8:30 pm. Open Agenda, attendance open to all members.**





## **V. Monthly Meetings**

### **C. Area/Regional Turning Meetings**

#### **3. Northwest Turning Meeting**

The group is on hold until Neil Robinette recovers from surgery enough to do some turning. At that time it is expected that he will do some preliminary rough turning and then call a meeting of the group. Each member will do a turning project based on Neil's initial work. It is anticipated that he will be able to resume turning in mid to late September and the next group meeting will take place in October.

## **VI. Special Events**

### **A. Linda Ferber Practice Session**

In September and October, Linda is doing several identical demonstrations at various AAW events as well as presenting at the MWA meeting October 6. She wanted to have some practice in front of a knowledgeable crowd who could critique her presentation. She asked Neil Robinette to put out an invitation to gather and to observe and comment on her effort. Neil arranged such a meeting on the evening of September 14 in his shop. He sent out an invitation to the hamburger club and seven showed up. Linda was late in arriving due to issues with printing of an AAW publication. That gave the seven of us time to chat a bit about woodturning. Bob Boettcher, Neil Robinette, Duane Heng, Gar Brown, Ed Mielich, and Paul Laos are pictured below by photographer Pete Bryant.



**When Linda arrived, she explained the demonstration. It entailed cutting details into various objects as shown below:**



**And here is Linda at the start of her demonstration. She is making a jig to hold the part to be decorated.**



**In addition to the decoration, Linda also has been experimenting with a new type of finishing system and shared her initial experience. She will report on her results at the MWA meeting.**

**To learn more, you have to come to the next membership meeting Tuesday October 6. The review group was impressed. She did very well in answering all our**





questions. Neil Robinette exclaimed, “This presents a whole new world of opportunities for turners!” Don’t miss it!

## **VI. Special Events**

### **B. Volunteer Opportunity: Turners without Borders**

At the national AAW meeting this year, a request was made for members to donate used tools that could be used by various needy organizations to teach woodworking. Typical examples of needy organizations are inner city youth groups and third world country woodturning programs. The AAW membership responded with over 270 tools that now reside in Neil Robinette’s garage as shown below.

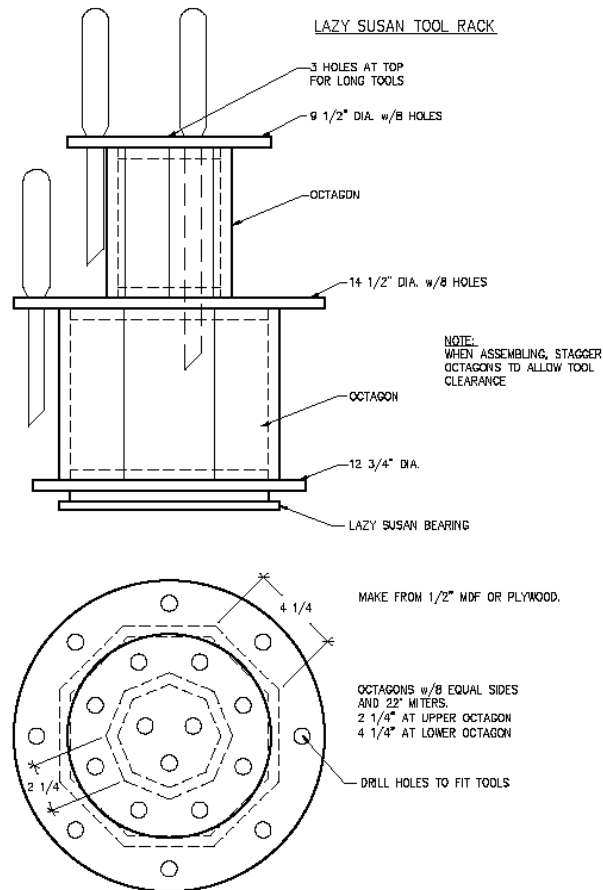


These tools need to be refurbished and sharpened for use before being sent to their new home. Neil needs volunteers to help with this task. He is organizing small teams to do this work. The work can be done in his shop in small teams or individuals can take some tools home to sharpen in their shop. This is a great opportunity to practice your tool sharpening skills and help a worthy cause as well.



## VII. Project: Tool Rack (Jim Jacobs)

Jim Jacobs submitted this design and picture of a Lazy Susan Tool Rack for anyone interested to use.



It holds 19 tools. Jim comments, “.....Every time I see tools stored with the sharp points up..I squirm!”

## VIII. MWA Classes

1. A lidded box class was taught by Mike Hunter on September.
2. Four classes are planned for October. Details will follow





## **IX. AAW And Regional Announcements**

- A. Corridor Woodturners presents John Jordan for a two day demonstration October 3 and 4 in Cedar Rapids Iowa. The two days will be devoted to **Bowl Turning and Turned and Carved Hollow Vessels**. For details see [www.corridorturners.org](http://www.corridorturners.org).
- B. **A Fresh Cut Green Woodturning Symposium** will be held October 30 to November 1, 2015. It will be held in Grand Marais, Minnesota. The symposium includes multi-day coursework, demonstrations, speakers, mini-courses and community gatherings, all designed to encourage wide-ranging discussion of the craft of woodturning and to celebrate and relish the intimate connection to the material green wood turning fosters. Featured will be Robin Wood, Michael Hosaluk, and Michael Cullen. The symposium is jointly sponsored by the AAW and the North House Folk School. Contact [www.northhouse.org](http://www.northhouse.org) or [www.aaw.org](http://www.aaw.org) for details.
- C. The Wisconsin Chapter will hold an all day demonstration by one of their best turners, professional Barry Grill. The event will be held in Eau Claire on October 24, 2015. See [www.cvwg.org](http://www.cvwg.org) for details.
- D. The September issue of Woodturning FUNdamentals has been published. The table of contents is as follows:

### **Projects**

- Making a Natural Edge Bowl, Jeffrey Neff
- String Holder, Mark Palma
- Whip Top, Brad Vietje
- Off-Center Tool Handle, Dan Michener

### **Tips**

- Jig for Turning Bottom of Bowl, Dale Larson
- Safety Tips, Rob Wallace
- Wine Bottle Stopper Package, Larry Fabian
- Build a Lazy Susan, Dan Burleson
- Breathing is Good - Part 2, Harvey Rogers

### **Videos**

- Sharpening and Shaving Demonstration, Glenn Lucas
- Tip: Gluing Segmented Rings, Jason Swanson

