



# As the Wood Turns

**October, 2022**

Vol. 34, Issue No. 10

## Chicago Woodturners Newsletter

A chapter of the American Association of Woodturners

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### Hand Chasing Threads in Wood Demystified

"It is considered by some that the screw thread was invented in about 400BC. One of the first applications of the screw principle was in presses for the extraction of oils from olives and juice from grapes.

The construction of the screw thread depended upon the eye and skill of the craftsman."<sup>1</sup>

Fast forward 2,400 years, chasing threads by hand in



<sup>1</sup> boltscience.com



*A collection of antique thread chasers*

wood still depends on the eye and the skill of the craftsman.

In this issue, we delve deeper into hand chasing threads.

For metal screws, one can find volumes of information the standardization of thread sizes, bolt diameters, metric vs ANSI, etc.

For the woodturner, the term threads per inch (TPI) is the starting point, given that the diameter is going to differ a lot between projects.

For making custom pens, you might still be buying taps and dies since the diameters are

Cont. Page 9

### Special points of interest:

- MPG+ Small Turning Expo
- AAW Symposium 2023 Louisville, Kentucky
- 2022 Calendar

### 7th Segmenting Symposium Wrap-Up



*Seen in the Instant Gallery*



*Lifetime Achievement Award—Curt Theobald*

Complete coverage starts on Page 10

## Editor's Corner | *Phil Moy*



*My new Wedgie Sled*

You can get your own at [petemarkenwoodturning.com](http://petemarkenwoodturning.com)

In this issue, we explore thread chasing in greater depth. There are so many more aspects about hand chasing threads that weren't covered in September's demo. I hope these details offer a more thorough explanation!

***After all the 'devil is in the details'*** See page 8

There are times in life when you see something that stops you in your tracks. Like when you are catching a ball, everything else fades away, and you are totally focused on not missing.

There is a Buddhist term for that state of mind, "satori" Satori can also be described as an experience which cannot be expressed in words. The Instant Gallery at the 7th Segmenting Symposium last was overflowing with 'satori'.

When Mies Van Der Rohe says "less is more", segmenters are not paying attention! The proof was in the Galley, where so many works of art were composed of literally, hundreds

and thousands of meticulously arranged fragments of wood.

Take for instance "Eye of the Storm" by Curt Theobald (shown below). The piece evokes motion, chaos and symmetry. Curt, by the way, was awarded a "Lifetime Achievement Award at the Saturday banquet. A well deserved award.

An attendee called himself a "Chunk Turner" at Robin Costello's rotation. I think he was at Turn On! Chicago too. He said he had never done a segmented bowl, but it was

clear that he was gearing up for doing one. (Is "Chunk Turner" a derogatory term?)

I won one of the raffle prizes, a "Wedgie Sled" and a 3/8" bowl gouge, thanks to the raffle donations by Peter Marken and the guys at Robust. The Wedgie Sled is a jig to facilitate cutting perfect wedges for segmenting.

Al Miotke said he was glad I won, because now I can start segmenting! (After I master hand chasing threads!)

***Phil***



*"Eye of the Storm" Curt Theobald*



## Letters to the Editor

Comments or ideas? *Send them to the Editor!* P.S. My mailbox is empty most of the time! Email them to: [phil@windycitywoodturnings.com](mailto:phil@windycitywoodturnings.com)

**As the Wood Turns** is a monthly publication of the Chicago Woodturners, a Chapter of the American Association of Woodturners.

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Est. 1988

## President's Curls | *Andy Kuby*

October 2022

At our last meeting I reminded everyone that elections are coming up for President and Secretary. Nomination for both positions will be accepted during the October meeting and I hope the competition for these positions will be lively. We will vote in November and pass the torch at the Holiday party.

Being an officer of the club is an honor and a challenge that you don't want to miss.

It's phishing season again and many of you have received requests to assist someone "discreetly". Please don't. Take note of the email return address, it is usually not one you are familiar with. Remember, none of the officers of the club will ever make this kind of request.

Empty Bowls is approaching. This year we have decided to hold our own sale in Batavia on October 8<sup>th</sup> with the proceeds donated to local food banks. The Oakton Sale will return live on December 2<sup>nd</sup> and we will also be selling our wood bowls and other items there and donating all proceeds.

Volunteers and sale items are needed for both events. We have already held a couple of "turning days" at the Chicago School of Woodworking when we can turn bowls as a group and more are planned.



*Dr. Scott Barrett receives CWT award from Andy Kuby for dedication to being webmaster for last ten years*

The Chicago Woodturners have donated many Beads of Courage boxes to the Luire Children's Hospital in Chicago and we should continue this. Currently we have 25 boxes ready to go with perhaps as many as 10 or 15 in progress.

Please let me know if you have any boxes ready to go as I plan to make a trip within the next couple of weeks to drop these off.

The pandemic is over? Not really, but things do seem to be loosening up. We still need to be vigilant. Be safe, wash your hands.

**Andy**

### CWT MEETING

Tuesday Oct 11, 2022

*In person at CLA!*

or join us via Zoom!



<https://us02web.zoom.us/j/81177766980?pwd=VU5pRms2QjcxRWRZOERaQ0RjbUhhZQT09>

Meeting ID: 811 7776 6980  
Passcode: 122856

### Agenda

1. Announcements
2. Nominations for President, Secretary and any other open positions. Election held at the November CWT meeting
3. Presentation by Bob Behnke of Titebond Glue
4. Gallery Review by Kurt Wolff-Klammer
5. Raffle



## September Meeting Minutes | *Frank Pagura*



September 13, 2022

Andy announced that this evening we'll have a surprise gallery reviewer and Clint Stevens, and Phil Moy are going to be our demonstrators and their subject is threading.

AAW Virtual demos are coming fast and furious, check out Cindy Drosda outstanding videos.

WIT October first Wingate Wood Art Outreach.

7 mini lathes were set up at the DuPage College for a full day of fun turning pens with the Boy Scouts. Over 120 pens left the site with some happy scouts. The event was set up and spearheaded by Rich, Debra, and Joe Hall-Reppen.

**Empty Bowls** Marie Anderson and John Dillon have set up a bowl turning event at the Chicago school of Woodworking for Sunday, September 18. There will be blanks for you, and coffee and sweet rolls for sure. All of this is in preparation for the Empty Bowl special sales events, October 8 in Batavia and December 2 at Oakton College.

Remember to sign up for the MPG Small Turning Expo, Mark Dreyer would be happy. You don't want to miss Scott Barrett's demonstrations.

December is the time for voting in CWT new leadership, nominations are open now.

**Holidays Party** December 13 is the date for our annual holiday get together. Same place as last year, The Golf Center on River Road in Des Plaines. The cost is \$20. Per person. Brenda could use some small turned Christmas Trees to be used for the table center pieces. There are 10 tables, so she needs 50 of them.

**Turn on Chicago** Al Miotke reported that, after all the uncertainties and concerns TOC turned out to be a success. With the help of a dedicated team of volunteers spearheaded by Kurt Wolff-Hammer and the new facility Crown Plaza in Northbrook, the event was a site to be seen.

**Member News** Scott Barrett, CWT webmaster for over ten years will retire at the end of this year. Scott was presented with a small box for his never ending contributions to CWT.

**Safety** Kurt Wolff-Hammer was kind to share details about his unplanned encounter with a very sharp object and resulting stitches. The moral of the story is that a little forethought and preplanning can keep us safer and happier.

**Upcoming events** Al Miotke gave a brief update about the Segmented Symposium at The Crown Plaza in North Brook on September 23,24,25. You still have time to sign up, remember they have one day attendance options. The gallery, alone, is going to be well worth the price of admission.

**Pens for Troops** Stan brought in pens tonight, could always use more.

**Beads of Courage** Al organized a bead of courage making event, with Sol Anfusio, Andy Kuby and Frank Pagura taking part. Brenda Miotke and Rosemary Pagura added a large number of Beads of courage bags, so Andy Kuby is planning a delivery date to Lurie Children Memorial for Early October.

**Membership** 37 members are here in person tonight, and 22 are participating via zoom. Brenda announced that we have 4 new member who recently joined.

**Raffle** The raffle brought in \$100 Tonight.

Dutifully submitted by Frank Pagura, Secretary



### Looking for Christmas Trees

I am looking for wooden trees to decorate our holiday tables at our annual Christmas party on December 13<sup>th</sup> at the Golf Center in Des Plaines. The trees can be plain or decorated and should be between 4" and 10".

I am planning on using 5 trees per table and we have 10 tables. I would be happy to pick them up or you can bring them to the November CWT meeting (I will not be at the October meeting).

Thank you in advance!

Brenda



Women in Turning (WIT) brings together women worldwide who share a passion for woodturning. WIT is dedicated to encouraging and assisting women in their pursuit of turning, to sharing ideas and processes to further members’ skills and creativity, and to increasing participation of women in the field of woodturning.

**October 1st** – WIT Presents the 2022 Windgate Wood Arts Residency Fellows moderated by Jennifer Navva-Milliken Free event! Registration is open now on AAW website.

**October 1st** – Deadline for submitting entries for the AAW POP Artist Showcase – if you are interested in getting your work seen and have never won this award you are eligible to enter – check out the AAW website – “Calls for entries”

**October 8th** – Empty Bowls at the Batavia Boardwalk Shops 9-4 – come out, buy back your bowls and help support this worthy cause! VOLUNTEERS NEEDED!! Contact Marie Anderson

**October 11th** - CWT Monthly Meeting - Nominees for Club Officers Due



**October 15-16th** – Woodturning Fundamentals “Live” Virtual Symposium– get back to the basics! Great for beginners, great as a refresher and it’s always time well spent learning about woodturning! (PS There is a 3 month replay of all sessions included w/registration fee.) AAW member cost is \$34 all others \$55. Registration open until 4pm October 16

**October 19th** – WCWT Monthly Meeting – Nominees for Club Officers Due

**October 23rd** – Empty Bowls Workday at the Chicago School of Woodworking – Join us to restock for the December 3rd Empty Bowls sale at Oakton Community College! 9am to 3pm



*Fox Valley Gallery of Woods*

<b>Bowls</b>	 
<b>And More!</b>	
<b>Empty Bowls Work Days</b>	
Hosted at the Chicago School of Woodworking 5680 N. Northwest Highway, Chicago, IL Please contact Marie Anderson or John Dillon to reserve your lathe! Sign Up today!!	
August 28 <sup>th</sup> , 9am to 3pm September 18 <sup>th</sup> , 9am to 3pm October 23 <sup>rd</sup> , 9am to 3pm Alternate additional date: November 13 <sup>th</sup> , 9am to 3pm	Bring your tools, and bowl blanks (if you have them). There will be rough turned bowls available for those who need them

**November 1-30th** – As The Wood Turns Ornament challenge submission window (can submit up to 5 ornaments 1 photo per submission) Free Check the site at aswoodturns.com

**November 5th** - WIT Presents Helga Winter the next in a series of interviews focusing on women woodturning artists, their journey and inspirations – NOT A DEMONSTRATION – Free event Registration is now on AAW website

**November 5-6th** – MPG+ Small Turning Expo – A virtual symposium by the folks that brought you the Midwest Pen Gathering – This “kicks it up a notch” with projects. (Plus 30 days to re-view the sessions!) Cost is \$59

**November 8th** - CWT Monthly Meeting - Annual Club Election

**November 16th** – WCWT Monthly Meeting – Annual Club Election

**December 3rd** – Empty Bowls at Oakton Community College – 10am – 2pm Volunteers and support needed!

**Marie**

## Fox Valley Gallery of Wood | *Phil Moy*



*Co-founder Andy Kuby proudly shows off the woodturnings at The Gallery of Woods*

The town of Batavia is a little over an hour west of Chicago, depending on the traffic. The Batavia Boardwalk is a place where entrepreneurs can test their business ideas. It's easily found because the brightly colored buildings that are about the size of an outhouse are hard to miss. With its own parking lot, it's an easy place to visit about a dozen of shops.

Nestled into one of these building is the Fox Valley Gallery of Woods, founded by John Dillon, Rich Hall-Reppen, Andy Kuby and Rich Nye. It's a place that was created to sell the works of the founders, hundreds of pieces that were gathering dust in their workshops. It's also a place where other woodturners can showcase their skills.

The Gallery of Woods is also sponsoring Empty Bowls on Oct 8, a fundraiser for the area food pantries. Donations of bowls or purchases of bowls will support this effort!

The Batavia Boardwalk Shops are located at the corner of Wilson and Route 25 (114 East Wilson Street) in Batavia. All businesses are open Fridays, Saturdays, and Sundays through December 18, 2022. 10/6 on Friday, 9/5 on Saturday and 9/4 on Sunday.

## Empty Bowls | *Marie Anderson*

### Empty Bowls Work Day

Sunday, August 28th members of club members met to turn bowls (and other items) to be donated for our first Empty Bowls charity event this year which will be held on October 8th in Batavia, IL. We will be hosting the second Work day on September 18th.

Thank you to Shaun Devine for hosting the Empty Bowls workday at the Chicago School of Woodworking. Shaun is always a gracious hostess and we certainly appreciate the opportunity to host these events which benefit so many of those in need. Thanks to those fellow CWT members who joined us on August 28 for the EB workday including Andy Kuby, Clint Stevens, Tim Rand, Mark Jundanian, Dave Bertaud, and Marie Anderson. It was also nice to see Mike Canfield as he stopped in to visit and offer his support of our efforts.



This year CWT and members of the WCWT club are supporting 2 EB events. We have scheduled several work days to help provide enough stock for our event in Batavia and once again support the event at Oakton Community College which will open live for the first time since the pandemic. We have supported the Oakton EB event since

Don McCloskey reached out to the organizers at Oakton more than 15 years ago. While I do not have the exact number I can safely say that the bowls (and other items) we turn for fun have raised over \$25K to help feed our neighbors in need. That is quite an accomplishment and I thank each and every one of you who has contributed over the years.

If you have bowls or other turned items laying around your house why not consider bringing them to the next club meeting to donate them to this worthy cause? Better yet, if you need a good excuse to get to you lathe to make some shavings, I'm asking you to specifically turn a bowl (or two) to donate to Empty Bowls. If you need further incentive, or are looking for some social interaction, come to one of the next workdays' and enjoy turning with the group. There is guaranteed laughter, suspense and possibly even some learning that goes on during these sessions. Don't miss out!

The second EB workday will be held on September 18th from 9-3 which will help to fill the tables in Batavia. We will have some roughed out bowls (but feel free to bring any extras you may have piling up in your shop to share). On October 23rd (after the Batavia event) we will host the third work day from 9-3 (also at the Chicago School of Woodworking) which will help us restock for the EB event we are participating in at Oakton Community College on December 3rd.

Thanks to all of you who have donated items for this event throughout the year. Your generosity is overwhelming and greatly appreciated. Please join us at any and/or all of these events to support this worthy cause.

### **This year the Club will be doing two Empty Bowls sales.**

**The First is Saturday, October 8, 2022,** at the Boardwalk Shops of Batavia. We have scheduled two work days at the Chicago School of Woodworking prior to the Batavia sale. These will be on August 28 and September 18, 2022, both Sundays.

**The Second is Friday, December 2, 2022,** at Oakton Community College. We have scheduled an additional work day prior to the December Sale on October 23, 2022, again a Sunday.

Volunteers are needed for the two sales and to turn bowls on the work days.

Please contact Marie Anderson ([danmar12@yahoo.com](mailto:danmar12@yahoo.com)) to sign up.

Finished bowls can be dropped off at a Club meeting or at the Chicago School of Woodworking, 5680 North Northwest Highway, Chicago, during any of the work days.



## Thread Chasing | *cont. from Page 1*

small, and tap and dies are precise ways of making threads.

But for larger diameters, we can choose a TPI based on usage. A coarse thread (10 TPI) may work better on larger objects or softer woods. Harder woods will make for sturdier threads no matter what TPI.

Chasers come ground with a specific TPI. The TPI is usually an even number, 10, 12,

16, 20 are common. Also, they are sold in matched pairs, an internal thread chaser and an external.

A set may cost \$80 to \$100 dollars.

Doing thread chasing as a topic for a CWT

meeting came out of the AAW Symposium in July. I saw Mike Mahoney turn an urn with a threaded lid. He used a tool that he designed, available at Carter and Son Toolworks.

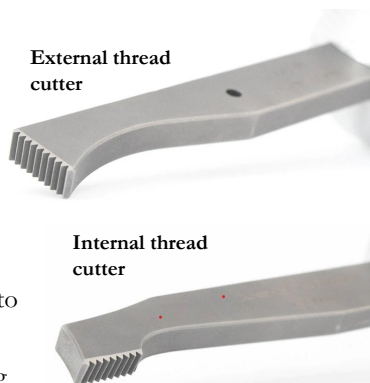
I promised Carter & Son Toolworks we would do a demo on thread chasing. They made me a good offer on Mike's thread chaser.

Usually one would want an expert for a presentation. In September's Interactive Demonstration, we went to Clint Stevens for the live demo.

Clint started with a display of various threading sets and how to sharpen them. The Mahoney tool has both cutters on the same tool which Clint compared to an alien appliance.

As preparation for this demo Clint had turned and threaded a small bocote wood box earlier in the day (He discovered that he is allergic to bocote dust). He passed the box around and noted that was one of many things which could go wrong while threading and he would probably demonstrate all of them.

Clint began with another piece of Bocote (slow learner?) and chucked up the top where he would thread the female threads. The top had already been mostly hollowed as this was a threading, not hollowing demo. After putting a chamfer (about 45 degrees) on the inside edge of the box, he proceeded to cut a relief at the bottom of the thread run.



The relief cutter is a scraper and should be used at or slightly above the centerline. While doing this, he showed us the profile of the relief cutter and discussed the various sizes available.

For those of us who no longer have the reaction time of a teenager, he suggested a wider relief cut to allow you more time to get the cutter out of the thread and the end of the run.



Next Clint showed us how to sharpen the cutters. Clint sharpens with a diamond hone but this can also be done very carefully on a grinder.

He started to strike the threads by presenting the tool at approximately 45 degrees along the chamfer engaging only the second and third teeth. Letting the cutter pull itself into the work in shallow cuts, he gradually moved the tool to be parallel to the axis of the work.

When the tool reached the relief he pulled it out so as not to bang into the body of the piece which would stop the cutter and destroy the threads he just made.

Clint used very light cuts, striking the threads over and over until they were the depth he wanted. Clint noted most of woodturning is light cuts with control and encouraged us to practice.



Once the threads were completed, he cleaned them with his wife's toothbrush and cut the tops off the threads with a sharp box scraper. The tips will probably crumble anyway because they are so thin and trimming them with the box scraper helps prevent this.

With the female portion done Clint turned to the base of the box and got ready to do the male thread. He noted that there are many ways to size the matching thread. He showed us an gauge sold by Sorby which is supposed to make this easy and accurate. (See page 11)

Clint's method is more empirical. He cuts a small cove on the outside of the male portion and presses the female to the cove, make a burnish mark on the cover from the chamfer on the female thread. The burnish mark tells him where to cut straight down to size the male thread. The height of the male thread only has to be enough for two or three threads.

He then cut the relief and chamfer, as he had done for the female, and proceed to strike the threads in a similar fashion. Small cuts and many passes later the male thread was complete. Very impressive! The top and bottom threaded together on the first attempt.

If you are threading boxes the

alignment of the grain separates the good from the great turners.

Clint showed us how to match the grain when the lid is screwed on.

Review the grain lines on the box and determine what percentage of a revolution is required to match them up. Now consider how much you would have to extend the male thread to allow for that revolution. For a 16TPI threader each thread is offset 1/16 of an inch from the previous thread.

Now apply the percentage to 1/16 inch to get the amount you have to extend the thread. Obviously, it's easier just to take a little off, test, cut some more, test, until you get to within 1/8 to 1/16 inch of alignment. With practice, the grain will line up exactly. For cutting down the shoulder to extend the male thread Clint uses a three point tool but a straight skew used as a scraper would work as well.

Clint pointed out that threading is a very useful skill and encouraged all of us to learn hand chasing. He noted that the Chicago Woodturners Tool Library should



have a set of hand chasing tools for you to experiment with.

### ***Should one hollow the lid and base before chasing threads?***

Clint does it after the threads are done. Arguments could be made that hollowing should be done first to keep from damaging delicate threads, but there's always more than one way to skin a cat.

Clint also like to take the sharp edge off the threads with a scraper. The "last cut" rule applies here, sandpaper is probably safer!

You can find the slide presentation on [chicagowoodturners.com](http://chicagowoodturners.com) in both the zoom recording and a pdf of the slides.

(Thanks to Andy Kuby for his detailed description of the September demo!

## Relief Tool

A relief tool is essential for threading, no matter what brand thread chaser you use. The relief at the end of the recess or the tenon provide room for the thread chaser to lift and not bottom out. Without the relief, the cutter's spiral path pulls the cutter into a dead end and ruins your carefully cut threads.



Finding a relief tool online wasn't easy. Here's one from Robert Sorby.

Cost: \$40.00 at Packard Woodworks Editor's note: There must be a lot of people chasing threads, At Packard Toolworks it is backordered until November..



## What does “reaction time of a teenager mean?”

Clint’s comment deserves some more investigation.

Timing is the key to thread chasing by hand. This is where the phrase “eye and skill of the craftsman” applies to thread chasing.

Chasing by hand involves two motions, the revolving cylinder, and moving the chaser horizontally from right to left. The speed of the motion is different for each TPI chaser.

Let’s take 16 TPI. One thread will go around the diameter of the tenon across 1/16th of an inch along the tenon. That movement creates a spiral thread. Without the movement, you create a concentric ring.

Your skill as a craftsman determines how you manage multiple factors, TPI, diameter of the tenon, speed of the lathe, type of wood and your ability to move from right to left. Piece of cake!

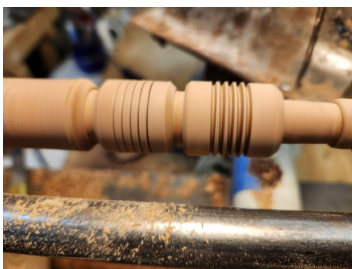
Positioning the chaser at a 45 degree angle on a chamfer allows you to use the second or third tooth to create the first thread to the tenon. As you bring the tool to parallel to the diameter, the other teeth fall into place, creating perfectly spaced threads!

Sure it will take practice, just like using a skew. Understanding the speed necessary to determine the first thread distance is your key to success.

Thread chasing should be done at slower speeds, 200 RPM to 400 RPM. Threads are delicate creations and a light touch provides better results

Pictured below, the lines on the right are the distance between threads for a 10 TPI thread chaser. The threads on the right look nice, but they are not threads!

Pushing the chaser directly into the wood gives you a nice decorative effect, but not very useful screw threads!



Softer woods, like maple, walnut can be threaded, but could create threads that don’t hold up as well. Acrylics also cut well. Clint recommends PVC for practicing because it’s cheaper than using exotic hardwoods for practice.

Thread chasers are made by many companies, Robert Sorby, Mayes & Warwick and Hamlet are some of the vendors.

And of course Mike Mahoney. Mike’s innovation is using a single piece of tool steel with a internal thread cutter on one end and a matching external cutter on the other.

Plenty of information and videos exists on-line about thread chasing, with many different approaches.

Sam Angelo has a detailed article on thread chasing that appeared in Woodworkers Journal August, 2022

<https://www.woodworkersjournal.com/hand-chasing-threads-in-wood>

Other great references include Robert Sorby’s YouTube videos, and Mike Mahoney’s YouTube videos.

Hope this gets you started on the art of hand chasing threads!

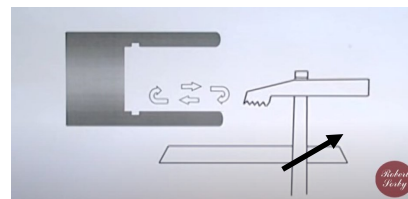


*The Mike Mahoney Double Ended Thread Chaser*

Available at [carterandsontoolworks.com](http://carterandsontoolworks.com)

### Great woods for thread chasing

- Boxwood
- Coco bolo
- Rosewood
- Dogwood
- Lignum vitae
- Osage orange
- Desert ironwood
- Holly
- African blackwood
- Oak



## What’s that other tool?

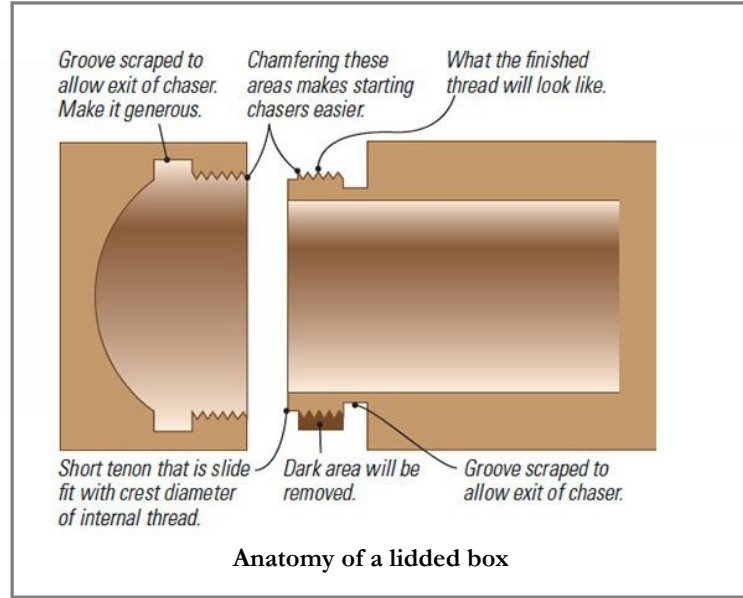
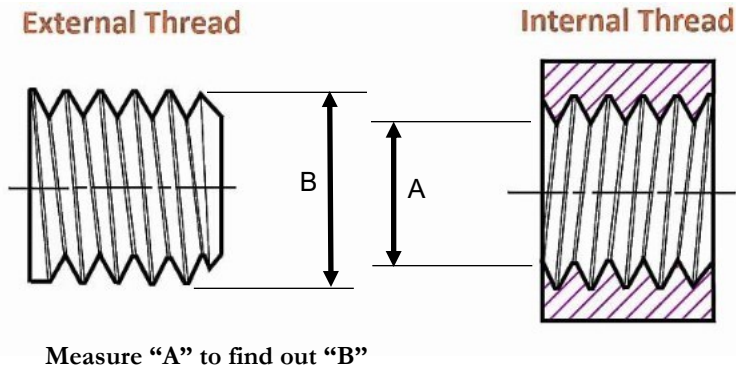
It’s a thread chasing armrest! “The armrest is a famous and ancient tool of the professionals, and is most useful for cutting internal threads. Far from being troublesome or awkward, the Robert Sorby® Thread Chasing Armrest is easy to master, giving extra accessibility and freedom of movement, to say nothing of the wonderful tool control and support.”

Clint notes that when toolrests were not capable of rotating 90 degrees, this tool was essential.

# Which comes first, the internal or the external ?

There's more than one way to skin a cat, and as Clint Stevens says, "I do the base first, and the lid second because I can" And it works for him, without using a gauge!

With the Sorby Thread Gauge, you can create the recess and internal threads first, and using the tool, select the correct TPI and the correct diameter for your external tenon is determined for you!



## Here's a step by step for the Sorby Gauge!

It can be used for 10, 16 or 20 TPI threads and friction fit lids. Use the two prongs to measure your recess, and lock in the distance with two knobs on both sides of the gauge.

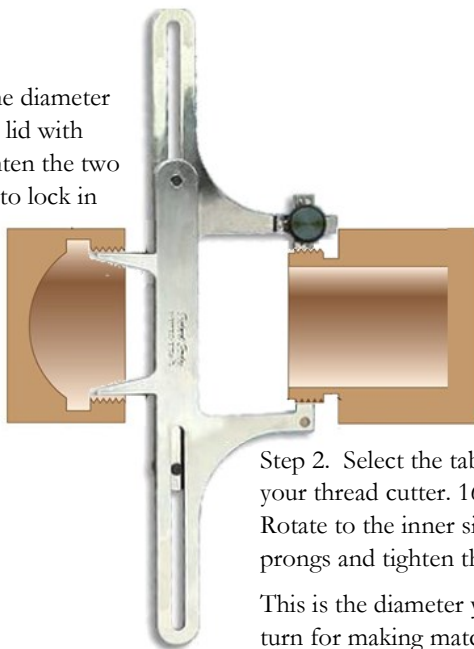
The 4 sided cross is marked 10, 16, 20 and a blank. Use the tab that matches the TPI of the chaser you are using. This is the diameter for the external tenon, to be threaded. The unmarked tab is used for measuring the tenon for a friction fit box.

This tool helps reduce the amount of 'turn and test' to properly fit for matching lids and bottoms.

Cost: \$45.00 at Packard Woodworks

Step 1. Measure the diameter of the recess in the lid with these prongs. Tighten the two knobs on the slide to lock in the distance

**Starting angle for tool**



Step 2. Select the tab that matches your thread cutter. 16 for 16 TPI. Rotate to the inner side of the prongs and tighten the knob. This is the diameter you should turn for making matching external threads



Measuring the internal diameter



Turning the external thread diameter

## 7th Segmenting Symposium



The 7th Segmenting Symposium held at the Crowne Plaza Northbrook is now in the record book and based on all the feedback I received, the 121 attendees plus demonstrators, vendors, volunteers, and over 50 spouses had a great time and left inspired by all the information presented.

I want to thank Gene Pitstick, Russ Braun, Ron Sieloff, Lloyd Johnson, Wayne Miller, and Brenda Miotke for all the long hours they volunteered to make the symposium a success.

A special thanks to the Chicago Woodturners who provided most of the Audio and Video equipment in the classrooms, and Mike Canfield, president of CAVCOMM who provided some professional Audio equipment. We could not have provided the high-quality setups in each classroom and the banquet room without the support of these organizations.

We had 12 local volunteers that assisted with setup, teardown, and activities during the event. We had spouses that volunteered to monitor the Instant Gallery all weekend. As you can see, there was a lot of work by many people that make the event a success.

Of course, the 11 demonstrators did a fantastic job. There were 46 rotations with topics for everyone from beginner to the seasoned segmenter and many of the rotation topics were developed specially for this symposium. I can't wait to see the pieces that will start showing up in the gallery as a result of the knowledge and inspiration from the symposium.

There were a lot of comments about the incredible pieces on display in the instant gallery. Even though attendance was lower than past events, the gallery did not disappoint.

The quality of work put on display, gets better every year. This is unquestionably a result of the sharing of ideas thru the segmenting chapter's gallery and forum along with symposiums like the one just completed.

Attendees also donated 15 Beads-of-Courage boxes that will be delivered to Lurie Children's hospital in the next few weeks along with donations by our local clubs.

I also want to thank the spouses who spend Friday afternoon and much of Saturday completing over 20 Beads-of-Courage bags on 4 sewing machines.



Thanks to CWT members, Brenda Miotke and Rosemary Pagura for coordinating this activity. The kids in this program will cherish every one of these donations.

The Saturday evening banquet was attended by 160 people in attendance was the second highlight of the weekend.

After an excellent meal, we presented two excellence awards to Andy Chen and Ray Feltz. This was followed by the presentation of a Lifetime Achievement Award to Curt Theobald.

A previous award winner, Jerry Bennett, presented the award which he made in collaboration with Andy Chen. It was a stunning piece. Look for a posting of this piece in the Gallery.

Next up were the Johnson Brothers who for the 2nd time, mesmerized the audience with their rendition of six popular songs rewritten to woodturning lyrics. The music was excellent, and the presentation had everyone nonstop laughing.

But that was far from the end of the evening. Jim Rodgers was the lucky winner of the auction for the Laguna Revo1524 lathe which was donated by Laguna.

Twelve attendees participated in a swap where everyone exchanged at random, a piece they made with another participant.

Robin Costelle donated a collaborative piece that he finished after a number of club members sent him a feature ring element earlier this year. This piece was auctioned off to the lucky winning bidder, Thom Bundza.

The evening ended with the raffle of 11 bundles of products donated by numerous vendors. This included a \$700 midi-lathe grand prize donated by Nova.

Upper right:

Two pieces by Jerry Bennett

If anyone is interested in learning more about this chapter, go to

**segmented**  
**woodturners.org**

## 7th Segmenting Symposium—The Awards & Banquet



Left to right:  
Curt Theobald receives Lifetime Achievement award from Jerry Bennett  
Al Miotke congratulating Curt Theobald  
Ray Feltz receives an Excellence Award  
Andy Chen receives an Excellence award  
Lloyd and Lyle Johnson perform at the banquet

## 7th Segmenting Symposium—Sept 22-25, 2022



Left to right:  
Al and Brenda Miotke  
Instant Gallery view  
Items placed in the swap  
Instant Gallery view. Large vase has over 25,000 segments  
Segmented Eggs in the IG



Left to right:  
Spouses turning Beads of Courage bags  
Jim Rodgers demonstrating  
Martha Collins demonstrating  
Tom Kenyon demonstrating  
Robin Costelle Demonstrating  
Malcolm Tibbetts demonstrating  
Kurt Wolff-Klammer meets Youtuber Allan Stratton  
The Johnson Brothers performing at the banquet



Left to right:

IG piece

IG view

IG view

Segmenters donations of BOC boxes

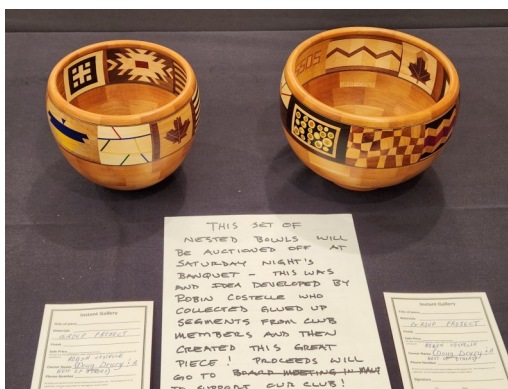
Tom Lohman demonstrating his jig

Mike Hunter in the tradeshow

Brent English of Robust in the tradeshow







Left to right:  
 Interesting form in IG  
 Collaboration piece finished by Robin Costelle  
 Segmented donut in the IG  
 Russ Braun, chapter secretary speaks at the banquet  
 Malcolm Tibbetts showing off his teapot  
 Steve Bonny demonstrating  
 Bob Leonard and Doug Long with Odd Knot  
 Curt Theobald visits with Martha Collins.

## Last Cut | *Phil Moy*

As if the Segmenting Symposium wasn't enough inspiration, I ran across a Chinese Ball Chess Set at one of my favorite places in Elmhurst. It's Good to Be King is the only genuine, brick and mortar chess store in the Chicagoland area.

There are chess sets of all kinds, from traditional Staunton pieces, to armies of Civil War and medieval soldiers ready to do battle.

Proprietor Tom Paravola said that when the movie Queen's Gambit came out, the store was emptied out long before Christmas! The



pandemic crippled supply chain kept them from restocking in time for Santa.

Making a chess set is on my bucket list, as is a set of Chinese balls. The Springett tools are in the

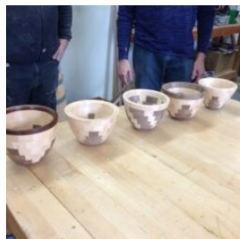
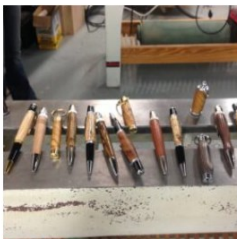
drawer (next to my Mahoney Double Ended Thread Chaser.)

And yes, there is a Chinese Ball Chess set on display in the office now! See you in November!

**Phil**



*Chinese Ball Chess Set at itsgoodtobeking.com*



**The Chicago School of Woodworking** was established in 2007 to train students in the art of furniture making. Since then, our program has expanded to include the arts of turning, scroll saw, marquetry, Chip Carving, speaker making and cabinet making.

We are committed to providing students the knowledge and skills to create functional and beautiful furniture that can be enjoyed for generations.

We have chosen machinery and tools that are safe, up-to-date, and well maintained, so students can focus on learning and enjoy the varied aspects of building a quality piece of furniture or crafting wood art.

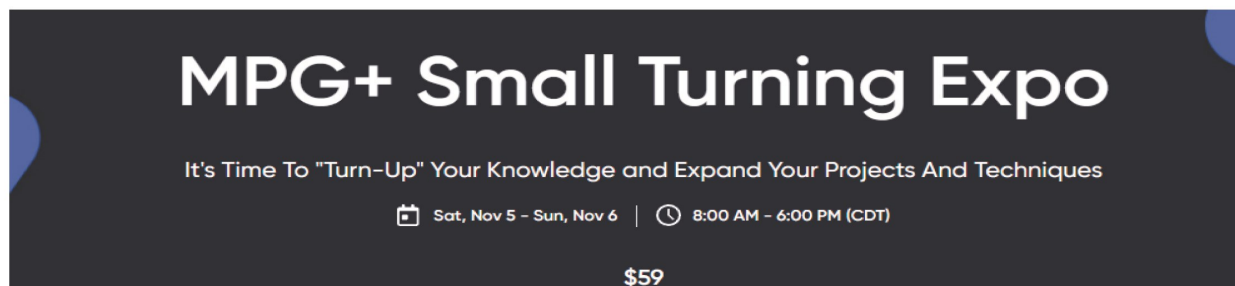
Find out more about our offerings and class schedules on our website!

# CHICAGO SCHOOL OF WOODWORKING

EDUCATING THE QUALITY MINDED HOBBYIST IN THE ART OF WOODWORKING

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[chicagowoodworking.com](http://chicagowoodworking.com)



**MPG+ Small Turning Expo**  
It's Time To "Turn-Up" Your Knowledge and Expand Your Projects And Techniques  
Sat, Nov 5 - Sun, Nov 6 | 8:00 AM - 6:00 PM (CDT)  
\$59













## The Virtual Turning Event Of The Year All From The Comfort Of Your Own House

<https://www.acelevents.com/e/mpg-small-turning-expo>

Love turning small items? Want to see some other items you can turn on your small lathe? Just love turning in general? **This event is for you.**

We have some of the biggest names in the world of turning - right here - to not only teach you projects but also techniques. Eighteen sessions are scheduled to bring you everything from pens to peppermills to rings to embellishments and much, much more.

And if that is not enough you get 30 days to watch and review the sessions. This is the best deal in the turning world. All this from the comfort of your home. "See" you here in November.

 <p><b>Mike Mahoney</b> Professional Woodturner / Demonstrator at Mahoney Wood Products</p>	 <p><b>Carl Jacobson</b> Internet Sensation - Demonstrator / Owner at Niles Bottle Stoppers</p>	 <p><b>Mike Nish</b> Demonstrator at Craft Supplies USA</p>	 <p><b>Mark Dreyer</b> Demonstrator (5 Times AAW) at Mark Dreyer Turning</p>
 <p><b>John Underhill</b> Demonstrator / Owner at Underhill Casting Solutions</p>	 <p><b>Kirk DeHeer</b> Professional Demonstrator / Instructor at Craft Supplies USA</p>	 <p><b>Fred Wissen</b> Owner / Demonstrator at PTownSubbie</p>	 <p><b>Scott Barrett</b> Ornamental Turning Extraordinaire</p>
 <p><b>Linda Ferber</b> Professional Woodturner and Demonstrator</p>	 <p><b>Ed Brown</b> Owner / Demonstrator at ExoticBlanks</p>	 <p><b>Dick Sing</b> Father Dick Sing</p>	 <p><b>Emily Ford</b> #SheTurnsWood</p>

# AAW news



## Virtual Symposium


Saturday and Sunday, October 15 and 16, 2022

Whether you are woodturning as a new hobby or plan to become a pro, the projects, techniques, and tips from this Virtual Symposium will help you build foundational woodturning skills. Learn beginner and intermediate skills through projects by some of the best woodturning instructors from around the world, right from your home.

Save the date to learn from: Helen Bailey, Ernie Conover, Keith Gotschall, Rudolph Lopez, Jim Rodgers, and Malcolm Tibbetts.

## Call for Entries: Artist Showcase 2023

*"Discovering new talent is one of the most inspiring events during the AAW Symposium, and I can't wait to see what's on this year's horizon."* David Ellsworth



**POP Artist Showcase Application 2023**  
 DEADLINE: October 1, 2022, 11:59PM CDT. Notification by October 31.



Get ready for **Louisville in 2023!**



**Save the date!**  
**Louisville, Kentucky, June 1-4, 2023**

AAW is a nonprofit organization dedicated to advancing the art and craft of woodturning worldwide through education.

With more than 16,000 members and over 365 local chapters globally, AAW members include amateurs, hobbyists, professionals, gallery owners, collectors, tool and equipment suppliers, and others.

Join the AAW and have access to the largest portfolio of woodturning-related material in the world!

Hone your knowledge and skills using AAW's online learning portals, exclusive print and digital publications, curated educational videos, high-quality safety

Visit the American Association of Woodturners at [woodturner.org](http://woodturner.org)

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Demonstrations & Hands-on Classes	Rich Nye	630-406-1855
Special Events Manager	Brenda Miotke	847-682-1176
Outreach Coordinator	Brenda Miotke	847-682-1176

## AAW Chapters in Illinois

Club	Contact	Website
Central Illinois Woodturners	Normal, IL	centralillinoiswoodturners.com
Chicago Woodturners	Arlington Heights, IL	chicagowoodturners.com
Flatland Woodturners	Champaign, IL	flatlandwoodturners.com
Lincoln Land Woodturners	Springfield, IL	llwonline.com
Northern Illinois Woodturners	Rockford, IL	northernillinoiswoodturners.com
Quad Cities Woodturners	Rock Island, IL	qcwoodturners.com
South Suburban Chiselers Illiana Woodturners	South Holland, IL	illianawoodturners.wordpress.com
Windy City Woodturners	Naperville, IL	windycitywoodturners.club



Est. 1988

34 years of craft, technology and tradition

Join us for our monthly meetings,  
all are welcome!

**MEETING LOCATION**

**Christian Liberty Academy**

502 W. Euclid Ave., Arlington Heights, IL. 60004.  
6:30 pm Social Hour, 7:00 pm to 10:00 PM

Free parking, enter South Door  
on East Side, 2nd floor

**Call for turned Christmas  
trees for table decorations!**  
**Wanted: 50 trees**

Contact Brenda for details!

**2022 Calendar of Events**

CWT Meetings		** via Zoom
Jan 11**	May 10	Sept 13
Feb 8**	June 14**	Oct 11
March 8**	July 12 **	Nov 8
April 12	Aug 9 **	Dec 13

**CWT MEETING**  
**Tuesday, October 11, 2022**  
*Hybrid: In person and via Zoom!*



**CWT**  
**Christmas Party**  
**Dec 13, 2022**

The Golf Center, Des Plaines



Visit the Chicago Woodturners at  
[chicagowoodturners.com](http://chicagowoodturners.com)

**It is even more fun when you bring a friend!**

**Reasons to join  
Chicago Woodworkers**

- Monthly meetings
- Access to club member expertise and mentors
- Classes and hands-on sessions with name turners
- In-person demonstrations, product discounts, raffles
- and generally a good group to hang out with....

**Membership Fees**

- \$30 Individual membership
- \$40 Family membership.
- \$10 Under age of 25

Yearly membership fees for Chicago Woodturners are due at the beginning of the year. You can join at anytime of the year!

Pay with cash or a checks at the monthly meeting. (Make checks payable to 'Chicago Woodturners')

Application forms are found online! Contact Brenda Miotke for more information.

By email:  
bkmiotke@comcast.net

Or by snail mail

**Chicago Woodturners**  
c/o Brenda Miotke  
920 North Sumac Lane  
Mount Prospect, IL 60056



*Join the movers  
and shakers of  
woodturning in  
Chicago!*