



Atlanta Woodturners Guild

March 2018

Chapter 274 of the American
Association of Woodturners



Atlanta Woodturners Guild Newsletter

Our monthly meeting format continues with the Opening, Show and Tell with the Instant Gallery presentations, followed by our featured Presenter / Guest Demonstrator, raffle drawing and closing remarks. Please continue to bring in items for show and tell! You can see items from the previous meeting in this newsletter. Sharing your work is a great way for other members to get some ideas what their next project may be.

Also we will have one of the club members in a special area before the meeting to help you if you have an opportunity in your woodturning and need to ask some question. If you can bring in the item you are working on that is the opportunity, it helps. The person there will try to help you and if not will find someone who can. We are all here to learn do not be ashamed to ask for help and assistance.

Also remember we have restarted the social time before the meeting. So join us early if you want to beat traffic and get to know you fellow wood turners better. We will be going as a group to a local restaurant within walking distance of Woodcraft. We will be leaving between 5:00-5:15 so come join group. You will be amazed how much more you will learn about woodturning and members of the club.

We look forward to seeing you at our next club meeting Wednesday, March 21, 2018.

Hans Meier

Next Meeting; March 21, 2018

The next regularly scheduled meeting of the Atlanta Woodturners Guild will be on Wednesday, March 21, 2018 at 6:45 PM. (*Please note the start time*)

We also invite everyone to meet for dinner before the meeting at Hooligans at 5:15. This is a good chance to beat the traffic and get to know some of the other members of the club. It is an easy walk from Woodcraft or feel free to drive (there is a traffic light on Holcomb bridge so its easy access to get out.)

Hooligans
8440 Holcomb Bridge Rd
Alpharetta GA, 30022

Our March 2018 demonstrator is Jack Morse. Jack will be presenting his demonstration on "woodturning basic technique and why a tool feels sharp but won't cut good". Jack will provide a Q&A session so please join us, bring lots of questions, and welcome him to our club meeting.

Don't forget! 2018 Membership dues need to be paid. Our membership fees pay for operating expenses throughout the year. These include costs for monthly meetings including demonstrations, the library, meeting raffle items, and the like. If you have not yet paid your 2018 Membership fee, you can pay with cash or check at our March 2018 meeting.

Guests are always welcome. The meeting location is:

Woodcraft
8560 Holcomb Bridge Rd
Suite 115
Alpharetta GA, 30022
(770) 587-3372
www.woodcraftatl.com



<https://www.facebook.com/groups/atlantawtg/>

Previous Meeting – February 2017

Reminders and Noteworthy Mentions:

- Our Club Library is open- new members get 5 chits towards withdrawals from the library
- Don't forget the Turnaround Box!
- Your 2018 Membership payment is due! Cash or checks are accepted.
- Contact Linda Gerber if you're interested in providing a written article for AAW Fundamentals.

February Meeting Recap

Thanks for joining us Wednesday February 21, 2018 for our monthly meeting. This was our first meeting this year as the January event was cancelled due to poor winter weather conditions. There was a solid attendance turnout with some new members and guests.

Frank Bowers put on a great demonstration on how he turns green wood blanks into bowls. Frank's presentation was easy to watch and very entertaining, as he has perfected it through time. Surely those who were present gained some valuable information.

Here are some photographs from the meeting.



Frank Bowers making some shavings while turning the blank true.



Pointing out difference between the green turning and finished turning...



"That looks pretty good..."



Everyone's listening...



Jim providing an update on how the library works...



Harvey presenting “Show and Tell” with cameraman Kevin Wood.

Show and Tell Presentation

Harvey Meyer; “Basket Illusion Hollow Vessel”, Bradford Pear



Harvey Meyer; "Inside & Outside Basket Illusion Hollow Vessel", Maple



Harvey Meyer; "Big Leaf Maple Burl Hollow Vessel", Maple, Minwax Antique oil



Harvey Meyer; "Hollow Vessel with Ornamental Collar", Jamacian Kingwood and African Blackwood



Harvey Meyer, "Basket Illusion Platter", Maple, Beaded, pyro'd, dyed with India Ink



Harvey Meyer, "Lidded Box with Ornamental Lid", Masur Birch with African Blackwood



Kevin Wood; "Calabash Bowl"; Cherry, Minwax Antique Oil



Kevin Wood; "Calabash Bowl"; Cherry, Minwax Antique Oil



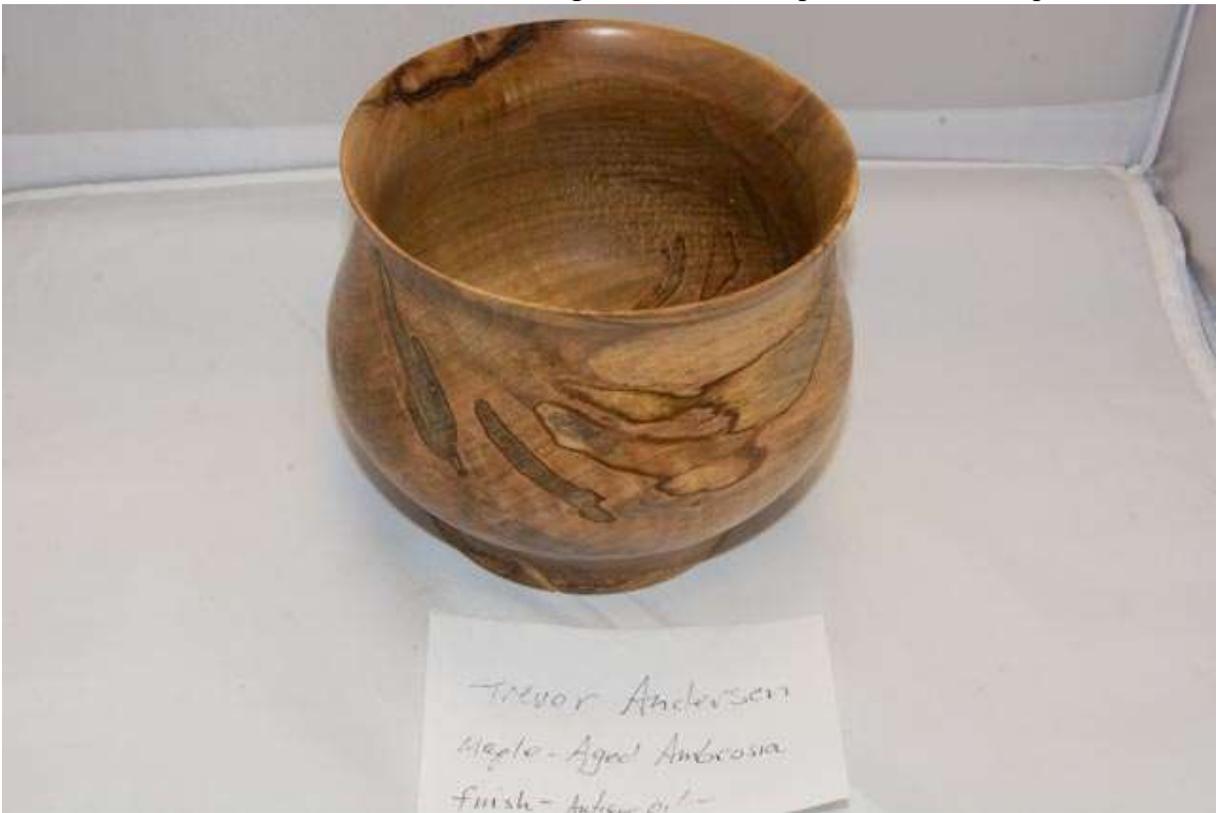
Kevin McDonald; "Ornamental Turning"



Trevor Andersen; Bowl; Aged Ambrosia Maple, Minwax Antique Oil



Trevor Andersen; Thin wall Bowl; Aged Ambrosia Maple, Minwax Antique Oil



Bruce Fairchild; "Socket Chisel Handle", Oak BLO finish



Charlie Stevens, "Segmented Bowl"



Jay Hunter, "Lidded Bowl", Cherry & Maple



Jay Hunter, "Two Bowls" Cherry and Maple



Worth Mentioning

Thanks to “John” for responding to Marty Pautz’s request for turning a replacement table leg.

Frank Bowers used a wood “worm screw” to mount the bowl blanks during his demo. Below you’ll find an article from the August 2013 edition of “American Woodturner”*. The author is Mike Peace, another local Georgia woodturner who has visited with our club. Read, enjoy and try it out!

*Shared with permission from the American Association of Woodturners. If you’d like more information then visit their website at <https://aaw.site-ym.com/> and check it out. Atlanta Woodturners Guild is chapter 274 of the AAW. All of the AWG Officers are AAW members.

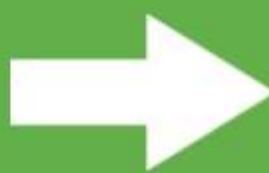
AAW has a special offer to those who have never been members and would like to investigate more about membership benefits.

NEVER BEEN AN AAW MEMBER?

THREE-MONTH INTRODUCTORY AAW MEMBERSHIP

JUST \$20

- Each introductory, three-month AAW membership includes the benefits of AAW membership for three full months, including: one printed copy of the *American Woodturner* journal, and access for three-months to Woodturning FUNDamentals, AAW EXPLORE! Discover Woodturning, AAW Connects, AAW Forum, tips library, safety resources, learning and mentoring materials, grant opportunities, specialty programming, services, and more.
- Available to new members one time only. When the introductory three-month membership period ends, individuals who have not cancelled are automatically renewed for an additional nine-month period for just \$40.



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<http://tiny.cc/ITM2040>

Visit us at woodturner.org



Woodworm Screws

Mike Peace

Many turners do not take advantage of one of the easiest and quickest ways to mount some projects on a lathe—the woodworm screw. This is basically a large screw chuck.

While you can buy a dedicated screw chuck, most scroll chucks come with a woodworm screw. This is a machined screw held within the jaws (*Photo 1*). A woodworm screw is cylindrical rather than tapered like a typical wood screw and has sharp, deep threads. These threads are designed to bite into the workpiece with a minimum of damage to wood fibers. The screw has a base that fits beneath and against the underside of the jaws to prevent it from being pulled from the chuck.

Woodworm screws also have four grooves or flat areas for the jaw slides or chuck jaws (or both) to fit against, to prevent the screw from twisting and coming loose. Some, like the one that came with my Super Nova 2, have a channel that the jaws close around.

The woodworm can speed up the process of getting the exterior of small bowls formed and a tenon turned for a chuck to grab onto. Another advantage is that you can remove and remount the piece with a good chance of it running true.

How to use

Insert the screw into the #2 jaws and start to tighten the jaws. Pull the screw forward so the base fits against the

Small projects

Sometimes a woodworm screw is just too big or long for your project. You can easily make a screw chuck for small projects of a production nature. Mount a scrap of wood onto a faceplate (or use a threaded glue block screwed onto a woodworm screw).

A #10 machine screw will hold well for small projects where you are only taking light cuts. With the faceplate and wood scrap mounted onto the lathe, drill a center hole for the screw. The hole should be small enough in diameter for the threads to hold the screw firmly in place. Remove from the lathe and screw the screw in from the back.

Remount and turn a taper to match the bottom of the project. You can use this taper as a visual reference to size your project without the need for calipers. This is a great

technique for small production-style projects like knobs or chessmen.

A small amount of thin CA glue applied to the screw threads before screwing the workpiece onto the screw will provide additional holding, yet the piece can still be removed easily.



Smaller-size shopmade screw chucks provide fast and easy mounting of small projects such as chessmen (right). Use a lag bolt if more support is needed, as shown in the example on the left that uses a faceplate and a scrap of plywood.



1 The screw on the left projects $\frac{3}{4}$ " (20mm) beyond the jaws. The one on the right projects $\frac{5}{8}$ " (16mm).



2 A large hardwood washer greatly strengthens the hold.



3 Use a plywood spacer when a smaller-depth hole is required.

back of the jaws, and then finish tightening. This will prevent any tendency for the screw to creep forward when it is being used.

Ensure that the workpiece has a flat surface where it will touch the top of the chuck jaws. Pre-drill a hole into your workpiece slightly smaller in diameter than the screw size, and about $\frac{3}{4}$ " (20mm) deep. Teknatool says drill a $\frac{5}{16}$ "- (8mm-) diameter hole for their woodworm screws. Oneway specifies a 9mm- or $\frac{1}{2}$ "-diameter hole for their Stronghold and Talon chucks. Check the instructions that came with your chuck for hole diameter.

A woodworm screw has its best hold in face-work such as a platter or small bowl, but can do well with small endgrain projects. Most of the holding strength comes from the large jaw surface that is pulled against the wood. One way to strengthen the grip even more is to make a large-diameter hardwood washer of side-grain flat stock that fits around the jaws when closed and is even with the top of the jaws (Photo 2).

Woodworm screws are not suitable for hollowing projects or other work where the workpiece tends to project out from the chuck toward

the tailstock more than about 4" (100mm). Longer projects tend to cause leverage problems that require a stronger holding method than a screw chuck.

Tips

- Use tailstock support as long as possible.
- Keep the rpm at a safe speed for the size of the piece, but probably no more than 600 rpm.
- Do not use this chucking technique with punky or otherwise unsound wood.
- When using on softer woods or green wood, you can strengthen the wood fibers by adding thin CA glue to the walls of the drilled hole.
- Do not leave green wood on a screw chuck overnight. Rust can make it extremely difficult to remove.
- If you cannot remove the piece with two hands, remove the screw from the chuck with the piece attached and try unthreading the screw with a wrench.
- After threading on the blank, try rocking it side to side to ensure there is no movement.
- Rub a little candle wax on the screw threads to make it easier to remove

the work. Keep in mind that when turning, the workpiece can actually get tighter.

- Sometimes the standard hole is too deep for the wood. An example would be when turning a plate from $\frac{3}{4}$ " (20mm) stock. Simply add a spacer made of MDF or plywood, $\frac{1}{8}$ " to $\frac{1}{4}$ " (3mm to 6mm) thick, to shorten the amount of screw that is exposed (Photo 3). The woodworm for the Super Nova2 or Nova G3 projects about $\frac{5}{8}$ " (16mm) while the one for the larger Titan chuck projects $\frac{3}{4}$ " (20mm) beyond the jaw surface. A hole only $\frac{3}{8}$ " (10mm) deep can securely hold a 12"- (300mm-) diameter platter. ■

Mike Peace started turning shortly after retiring and enjoys a wide variety of turning from ornaments to hollow forms. He is active in three woodturning chapters in the Atlanta area. You can see pictures of Mike's work and read his published articles on his website, mikepeacewoodturning.blogspot.com.

Swap Shop/For Sale

Two Tree Boyz Wood sells locally harvested wood in end grain-sealed blank and log form. We sell from our Buford location by appointment, at local turning clubs, and online through our website. Visit us for best price, best selection, and custom cutting. We have the potential to get new wood daily from my husband's tree service, so let me know if you are looking for something special.

Elisabeth Ross --- 678.887.0896 --- twotreeboyz@yahoo.com --- www.2treeboyz.com

Upcoming Events:

<p>XXIII Turning Southern Style Symposium</p>	<p>Starts: Friday September 21, 2018</p> <p>Registration opens at 10:00 am</p> <p>Vendor Area opens at 11:00 am</p> <p>First demo starts at 12:30 pm</p> <p>Ends: Sunday September 23, 2018</p> <p>Last demo ends at 12:00 noon</p> <p>Advance registration closes on August 21, 2018. You may register in-person at the event.</p>	<p>http://www.gawoodturner.org/symposium/</p>
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AWG Meeting Schedule

<p><u>2018</u></p>
<p>January 17th — Curt Theobald: Segmenting</p> <p>February 21st — Frank Bowers</p> <p>March 21st — Jack Morse</p> <p>April 18th — Al Stirt</p> <p>May 16th — Ron Thomas</p> <p>June 20th — TBD</p> <p>July 18th — Dixie Biggs</p> <p>August 15th — TBD</p> <p>September 19th — TBD</p> <p>October 17th — TBD</p> <p>November tbd — TBD</p> <p>December 19th — Holiday Event</p>

About the Guild

The Atlanta Woodturners Guild (AWG) was formed to provide support, ideas, and camaraderie to fellow wood turners in the metro Atlanta area. The Guild meets once a month and members are invited to display examples of their work at the instant gallery. New and established turners have the opportunity to ask questions and solve problems with other members.

At each monthly meeting a demonstration is conducted by professional turners from all over the world. It is a great opportunity to see a professional in action, ask questions and learn techniques. The AWG has a comprehensive library stocked with woodturning DVD's, and books. These items are available to the membership for a small rental fee. Members are kept informed about upcoming events and activities through this, their web site.

All interested in learning about woodturning are welcome to attend the month meetings.

AWG Contacts

Officers

President	Hans Meier	co-president@atlantawoodturnersguild.org
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Closing

This newsletter is published monthly by the Atlanta Woodturners Guild, (AWG). All opinions expressed by contributors do not necessarily reflect those of the Editor, Officers, or the AWG. Your AWG questions, comments and suggestions are always welcome. You may contact any officer through the contact information in this newsletter, or our website's contact webpage: www.atlantawoodturnersguild.org.