

TRI-STATE
WOODTURNERS



Meeting Location:
8361A Dayton Pike
Soddy Daisy TN
(Horsin' Around fac.)

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Cuts and Scrapes

WWW.TRISTATEWOODTURNERS.COM

MARCH 2018 NEWSLETTER

Ron Thomas

Mar. Demonstrator

Ron Thomas is coming down from Louisville, KY as our demonstrator at the TSW meeting Saturday, March 17th. He started wood turning in 1992 under the tutelage of Rude Osolnik. From 1992 through 2009 Ron did a lot of fairs and traveled the craft show circuit. Ron is known particularly for his beautiful bowls. Since his first show appearance in 1991, Ron has won numerous awards for his work. The secret, he says, is to find and enhance the beauty that is already inside the wood.

“Every piece of wood holds within it a unique pattern and exquisiteness given to it by nature,” he explains. “The challenge is then mine: to find it, enhance it, and ultimately to create a harmony between its intrinsic beauty and my

willingness to push a medium past its known artistic limits.”

Nick Cook, Jimmy Clewes and Stuart Batty have greatly influenced his work over the years. During the past ten years Ron has been demonstrating for clubs off and on as well as in 5 other countries. He turns on a Woodfast lathe at home.



Tri-State Woodturners an
official chapter of AAW



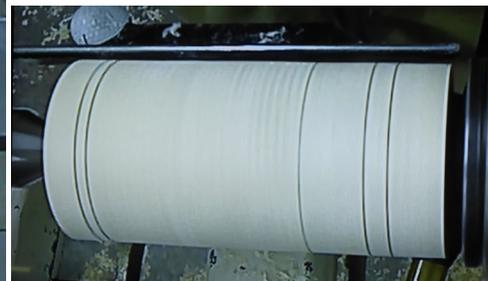
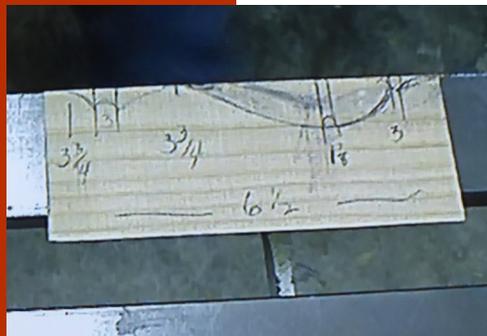
This coming Saturday his demonstration will be on turning a thin hollow vessel and then applying color and finish. For years he used trans-tints, but has moved into the use of Chroma Craft Products over the past five to six years, which he will be demonstrating at the upcoming meeting.

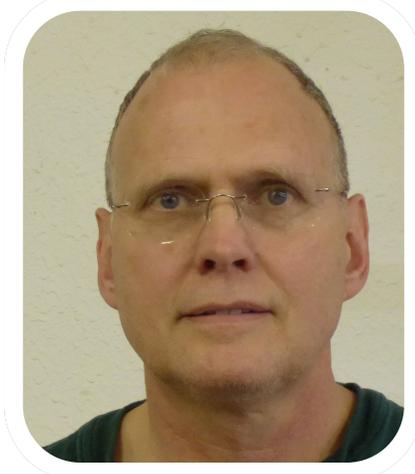


February Meeting with Wayne Loveless



Turning duplicates can be challenging but Wayne showed how to lessen the challenge as he turned a duplicate vase interspersed with application of color using milk paint in a contemporary distressed fashion. Use of a story board helped make the duplication process easier to accomplish. He used calipers then to measure the correct size for each cut. The final finish was a water based glaze. The end result was a beautiful vase just like the one he was duplicating.





President's Corner

I thank all who participate in the Presidents Challenge. I've seen really nice stuff that folks have made. Remember the more you participate the more likely you'll win a special prize at the end of the year. And we'll have a drawing at the meeting for challenge participants to win a Woodcraft gift certificate.

lot of people with what I'm thinking. But it boils down to quality over quantity. Below is an idea of what I think will make members happier to win at the auction. I never want wood that is **cracked or rotten**. You're welcome to bring it in and give it away, but take home any extra.

TSW CLUB OFFICERS

- | | |
|--|--|
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As always instant gallery participants will be entered into a Woodcraft gift certificate drawing. I'd like our instant gallery to change just a bit. **When you drop you things off, fill out a provided form that will have your name, type of wood and finish on the piece. This will help members as well as John as he does our newsletter.**

The Wood Auction is an important part of our clubs revenue. But I'd like to see us get away from "firewood". What I mean by this is wood that is prepped for mounting on the lathe and or wood that has nice figure, like ambrosia maple and box elder. I'm pretty sure I've confused a

We will need to begin thinking of a new president for next year. I am completing my 4th year and per our bylaws, that is over the maximum time. I also feel it's time for new ideas to keep the club on track.

Finally a word on shop safety: Self Check for dangling things. Keep sleeves rolled up, long hair tied back (those that still have it to grow), lanyards and necklaces taped down or removed. With a wood lathe spinning at 1000 RPM, it can certainly do harm to you if something on your body gets caught.



The following sponsors give generously to Tri-State Woodturners and we want to encourage members to support them generously



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CRAFT SUPPLIES USA
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Treasurer's Report



The Web

Starting Balance		5,424.04
Income:		217.00
Wood Raffle	85.00	
Snack collection	12.00	
Dues	120.00	
Expenses:		20.00
Demonstrator	20.00	
Ending Balance		5,621.04

Here is a link to some really fascinating wood projects <http://www.delawarewoodworkers.org/just-a-piece-of-wood.html>

You can do a search for "Just a piece of Wood" to find this site.

Next months challenge is a "Beads of Courage box". If you do a search online for "Beads of courage boxes" you will find a wide variety of pictures of what others have done previously.

On the table near the photo booth, at the meeting, there will be a sheet with Woodworker Guidelines that will help you in making the box with needed dimensions. Josh has the White Beads with the name to be inserted and small business size cards to fill out with your name and type of wood.

2018 Club Challenge

January	Spindle— 10 submitted	May	Goblet	September	Celtic Knot
February	Wall Art — 11 submitted	June	Natural Edge	October	Snowman
March	Scoop	July	Utilitarian	November	Inside Out
April	Beads of Courage Box	August	Plate	December	Silent Auction Item

NEW MEMBER MENTOR: Are you new to wood turning or at least have an interest in it? TSW club is providing opportunity for you to learn from an expert turner who has provided instruction and guidance to many in the club and others. Ed Lewis opens his workshop on Saturdays and would love to help you. Contact him at (423) 344-7295. There is no fee for this instruction from an excellent turner & teacher.

Free personalized help in Turning



Ed Lewis has been turning for 42 years and has graciously offered to open his shop on Saturday mornings to help newbies. This is as good as it comes. Ed is not only skilled as a turner but an excellent teacher. Many TSW have gained valuable lessons from him over the years to where they are now very proficient. Call Ed at (423) 344-7295 or talk with him at the TSW meeting Sat. This is an official function of TSW.

Next TSW Meeting Sat. Mar. 17, 2018



Nine years ago Beverly deYampert was interested in turning wood but didn't know how to go about it when some-

one suggested she talk with Ed Lewis. That contact started her journey into the world of wood turning. Bev taught elementary and middle school and served as a guidance counselor for the school system before stepping away to raise two children who are now grown. Both Beverly and her husband, Michael are very artistic. He was an art instructor for the school system and is very supportive of Bev's venture into the world of wood turning.



It's hard to choose her best turned items but her basket weave



vase and Walnut vase rate pretty high. They are both really beautiful.



Bev does not have any one thing that she specializes in but likes to turn a variety of items. Her favorite wood to turn would be fruit wood like Apple which she turns on a Powermatic 3520. Her shop is in a double car garage which she has to do a shuffle with vehicles to turn and shares it with her husband's kiln for pottery. Having her lathe on wheels makes it easy to move it around the garage.



Beverly enjoys the quality demonstrations at the meetings and all the people who spend time to make TSW a great club. It provides great opportunities to talk with other turners as well.

When working with punky wood Bev uses epoxy as a finish, on pens she uses CA and otherwise spray lacquer and water based finish. Her tools are stored on a rolling cart making the accessible when turning. A small "L" shape jigs helps her hold small items.

When asked about advise she would share with novice turners, her response was, "get your safety stuff down first". Many of her turnings are displayed around the house while others are given as gifts. Occasionally, Bev and Michael visit craft/art fairs or festivals where she is able to sell items.

Club Challenge for Feb. - Wall Art



← Bev deYampert

John Dekle ↓

↑ Art Parry ↓ Charles Jennings ↓



← Don Moore

Les →
Isbell



Club Challenge for Feb. - Wall Art



← Don
Nelson →



← Doug
Spohn
Jim →
Dvorak



← ← Johnny Renfro



Ed Langham ↑

Show, Tell & Learn - Instant Gallery



← Les Isbell →

↓ Les Isbell



↓ Doug Spohn

Plenty of space
To include a piece
You turned
Bring one this
Saturday



Show, Tell & Learn - Instant Gallery



Charles
Jennings
← →



↑ Don
Moore →



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 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 $1\frac{1}{32}$ "-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 end grain 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.

(continued next two pages)

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.



Photo 1

The screw in photo 1 projects $\frac{3}{4}$ " (20mm) beyond the jaws. The one in photo 2 projects $\frac{5}{8}$ " (16mm).



Photo 2

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.

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.

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