

<http://www.corridorturners.org/>

### Next Meeting

The Next meeting of the Corridor Woodturners will be held at 6:30 PM on March 8, at the Marion High School wood shop, 675 S. 15th St. Marion, Iowa

The program will be a demonstration by Jeff Kromminga on duplicating with a duplicating jig. The project of the month will be anything you have turned in the last three months.

### Empty Bowls Project

Deb Bailey, Director of the Marion Arts Festival will attend the meeting to give us some information on the festival and the part our participation in the Empty Bowls Project plays. Keep thinking about and making bowls for the event, they will be collected at the meetings in March, April and May. There will be some blanks available at the meeting for this specific event. May comes up quickly.

### Dues Time Again

Annual dues are payable now. John Sandor will have some envelopes and a limited number of renewal sheets at the sign in table. Please visit the web site ([www.corridorturners.org](http://www.corridorturners.org)) and download the renewal form. Due to the cancellation of the January meeting and last months bad weather, the refund of dues drawing will be held in April. Those who have paid their 2018 dues by the end of the March meeting will be eligible for the drawing.

### Last Meeting

Last month 16 brave souls thought the weather man was full of it and showed up for the meeting. We had a discussion on steady rests and their use. There were several home made rests and some of wood and some of metal and a commercial rest. A presentation by Linda Curtis on the upcoming carving show, to which the woodturners have been invited, was given with emphasis on entering items to be judged. The usual raffle and show and tell were held and photographs of the items for show and tell were made.



The club table at the carving/turning show



Bruce at his table at the carving/turning show

## Message from the President



Mother Nature threw some questionable weather (otherwise known as Ice, sleet and rain) toward Eastern Iowa on February 8, but we persevered as the Marion Schools did not close, and we conducted the Monthly Meeting to about 25 Members in attendance. We discussed Types and Uses of Steady Rests. There was a great deal of interest and I am sure we will be revisiting the subject in the future.

Bruce Kruse At the time of this writing, the CWT is participating in the Cedar Valley Wood Carvers Annual Show, March 3rd and 4<sup>th</sup>, in which the Corridor Woodturners will be a featured exhibitor and demonstrator. We have a great turn out of Club Members and number of our members came away with Ribbons in the various judged Categories.

At the March Meeting, we will once again discuss the Corridor Woodturners participation in the Marion Arts Festival – Empty Bowls Project.

This March Meeting will be the final reading of the slate of Officers and Directors for the CWT in this next 12-month period during this meeting. The membership present at the meeting will be asked to vote to validate their installment.

Jeff Kromminga will be demonstrating the Duplicating System which he owns as our March Program of the month. As many are aware, it is easy to make the first turning – but much more difficult to make successive identical turnings. Jeff will discuss how the duplicating system aids in that effort.

If you haven't renewed your membership – please do so by completing a membership form and turn it into John Sandor with your money. Completing the form helps to keep the membership records in order. The Corridor Woodturners finished the Calendar Year 2017 with 85 members, which is our largest participation to date. As 2018 dues remain unchanged, the CWT continues to be a great value to gain knowledge and information on turning techniques.

Don't forget – we are running the Challenge Project at the September 2018 Picnic. We will draw for a \$75.00 Cash prize for the CWT member who brings forth a turning project to the Picnic – something YOU have not attempted or shown to the Club before!!! See John Sandor to sign up for your interest!!!

The CWT Board continues to review Program topics at the Board Meetings so don't hesitate to bring forth your thoughts /subjects to a CWT Board Member.

The CWT Board has secured the Expert Turner Demo Location as well as the Expert Turner for November 17<sup>th</sup> & 18<sup>th</sup>, 2018. Janice Levi of Texas has confirmed her interest to conduct our demo. Janice's skills and knowledge should provide a solid basis for turners of all skill levels. Look for further information on the event, costs, timeline, etc. in the next few weeks.

Don't forget to utilize the Corridor Woodturners Website - [www.corridorturners.org](http://www.corridorturners.org)  
I look forward to seeing everyone, Thursday, March 8<sup>th</sup>, at the Marion High School Wood Shop.

Happy Turning, Bruce



Bruce Kruse



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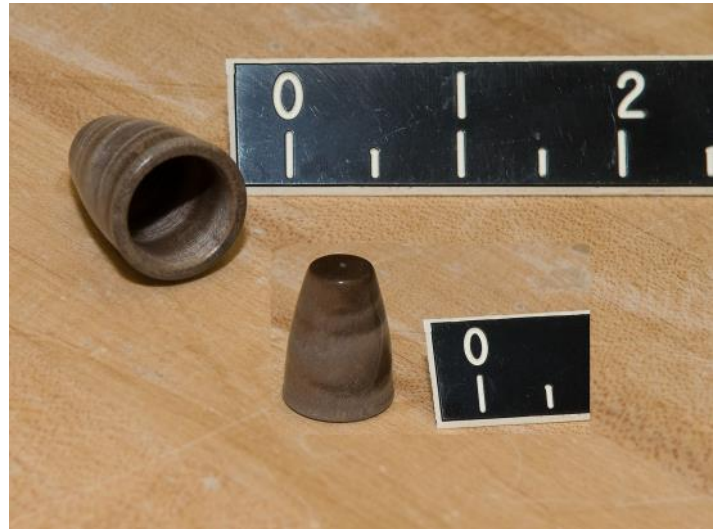


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Stacy Nehl



John Cox

## Library Information

Do you use the literature library? What items would you like to see added, what would make it easier to use? See Gary Nosek and make your wishes known.

## The Help Corner with John Sandor



## 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  $\frac{11}{32}$ "-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 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.



Photo 1



Photo 2

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

*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](http://mikepeacewoodturning.blogspot.com).*

*American Woodturner August 2013*

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Photo 3

The completion of this article will be in next months newsletter

## For Sale

Have something for sale? Let the club members know about it here. Get the info to John Cox to be added to the next newsletter

## Odds and Ends

The Challenge project is something you can work on all year, or at least until the picnic in September. The idea is to challenge yourself to try something new to you and your efforts in woodturning.

Turn on Chicago will be held in August, put on by the Chicago Woodturners. This is a great symposium to learn from acclaimed woodturners. There is a great instant gallery with samples of turnings from the demonstrators as well as those who wish to enter and be part of the critique from two of the demonstrators. The dates are August 3-5, 2018. go to [turnonchicago.com](http://turnonchicago.com) for all the information. The site lists all the demonstrators and gives information on housing, meals and all the other things you need to know about the event.

## Dues Structure and Meeting Attendance Policy

Club dues are:

\$25.00 per year for an General membership.

\$30.00 per year for a Family membership

\$100.00 per year for a Supporting membership.

Dues are for the calendar year January 1 thru December 31 with a grace period ending at the close of the February meeting. New membership cards will be distributed at the March meeting.

Dues paid in September and later by NEW members will be considered in force for the rest of that calendar year plus the following calendar year.

Potential members may attend two meetings as a guest then must either join the club or pay 1/4 of the current general membership fee to attend a regular meeting.