



THE TURNING TIMES

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The Turning Times is published monthly as an information source for members of the East Texas Woodturners (ETW). ETW is a chapter of The American Association of Woodturners (AAW) and is committed to serving woodturners in the East Texas area surrounding Tyler, Texas. The ETW Chapter joins with the AAW in its dedication to providing education, information and organization to those interested in woodturning.

Visit us at www.easttexaswoodturners.org

Meeting at Tyler Junior College

February 12, 2022



Hello Woodturners! Welcome to February! This is not only the month for Valentine's Day, but is also the shortest month of the year. At one point, February was only 23 days long! February is also one of the most misspelled words in the English language. In Welch, it is sometimes known as 'y mis bach', which means "little month". February was finalized by Julius Ceasar when the Roman Calendar was remade and assigned the month 28 days and 29 days in 713 B.C. Surprisingly, the above does not exhaust my knowledge about a period of time every year that Hallmark and the florist industry consider their most profitable season. It does however exhaust your tolerance for frivolous, useless facts. So, on to other things.

Last months demonstration of 'winged' bowls by Kelvin Burton was not only informative, but entertaining as well. If you missed the demo then take heart, as it will be available on one of our platforms (website, facebook, smoke signal) for you to watch from the comfort of your own space. Look for links or information coming soon to tell you how to do that. This month, Dennis Lorenz has the demonstration duties and is tackling segmenting as his subject. Dennis, like Kelvin, is a fine demonstrator/teacher, so come to the meeting and learn something, or just be entertained.

In person attendance has been fairly consistent since we started meeting in person again last September, and with the Pandemic numbers coming down (yes, with glacier like speed) we can hope that attendance will start to climb as numbers continue to fall. Two points to make here. 1) If you have paid your dues for this year, thank you. If you haven't then please do so. (we have a light bill to pay) I will only harp on this for one more month. After that we send out our collector, Rocko, to visit for that 'personal' touch. 2) Come to the meetings if you can for the fellowship we share through a common interest. If health or Covid concerns keep you away, believe me, we understand and respect that. We would just like to see again faces we haven't laid eyes on in 2 years, and new folks we would like to see face to face for the first time. But, you do you, boo. (Ask a grandchild to explain that last remark to you. It will be enlightening to you, and will make them giggle)

We have an on going need for folks to help set up and clean up for our monthly meeting. If you can come early and lend a hand, or stay after and help police/clean-up/

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CLASSIFIEDS

Classified Ad Policy: Classified ads run for 3-months unless the editor is notified they are no longer needed. At the end of the 3-month period, the ad will be dropped from the newsletter unless specifically renewed prior to the period expiration.

Personalized Turning Classes

Paul Coppinger - Mineola - **903-638-6008**
paulcop68@thecoppingers.net

LESSONS: Woodturning classes my shop.
Please call afternoons for more info **903-216-5564**. cbrooks@suddenlink.net
Charles Brooks (Whitehouse, Texas)

For Sale:

Hegner 18" Multi-max 2 Scrollsaw \$300
Delta Hollow Chisel Mortiser \$100
JDS Air Filter System \$100
Grizzly G1080 8" x 65" Jointer \$300

eMail Mike DeLong

(mpdelong@gmail.com) for pdf files with
info and pictures on items of interest

For Sale: 6 foot long x 1-1/2" square boring bar with
free standing trap (same setup that Frank Sudoll use
for deep vessels) \$100

Bradford Pear blank. Perfect for large basket weave.
9" thick, 13 - 14" diameter \$35

Mesquite log piece 9" width 14" tall \$35

Mesquite block well cured 12" x 12" x 11-1/2" \$50

Porter-Cable plate joiner \$50

Black and Decker variable speed finishing sander
\$40

Charles Brooks **903-216-5564**

Failing eyesite Sale:

Grizzly 10" Contractors Table Saw, Delta 4"
floor model Jointer, Craftsman 10" Radial
Arm Saw with Cabinet and Ryobi 10" Planer.
Lots of extras/accessories.

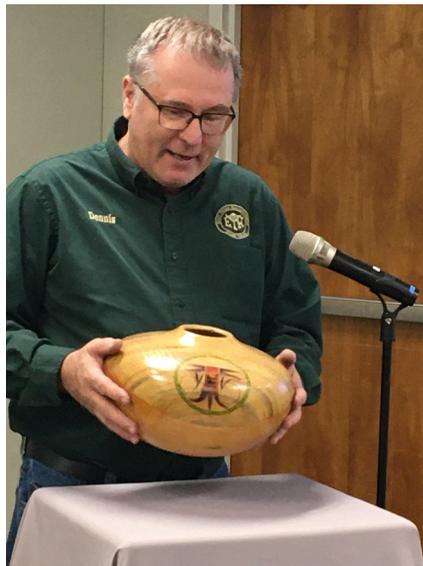
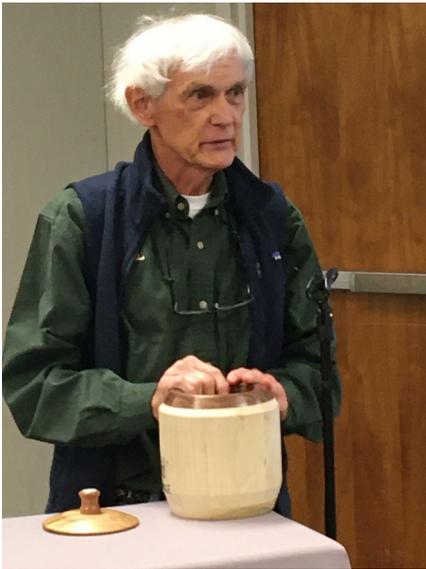
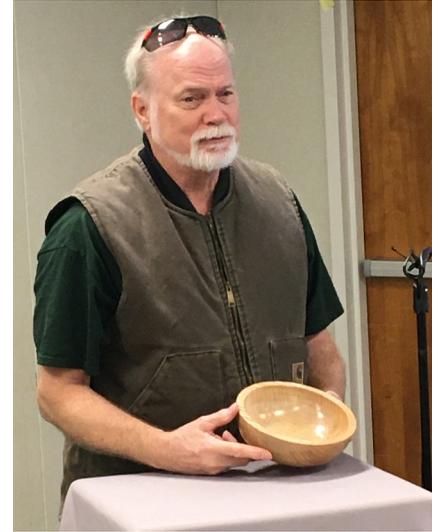
Over 75% less than retail. \$500 - a great
package deal

Tom Criswell (903) 509-1042

ANCHOR SEAL FOR SALE

The Club has Anchor Seal end grain sealer for sale at
most Club meetings. It is available at \$15.00 per gallon.
To obtain it, pay our treasurer, **Walter Tate**, and then
see **Dennis Lorenz**. If you need some between
meetings, contact Dennis at **903-565-0651**
or dlorenz67@gmail.com

January Show & Tell



East Texas Woodturners Fact-Sheet

We meet once a month (usually on the second Saturday) at 9:00 AM at Tyler Junior College West, room 104. At our monthly meetings, there is a show and tell table, an open library (hundreds of DVDs and books), a raffle for tools and/or gift certificates, and a demonstration. Oh, yeah – there is always lots of discussion and opinions – don't be afraid to ask!

Please visit our web page at <http://www.easttexaswoodturners.org/> - also, find us on Facebook – look for East Texas Woodturners. Take a look at the “Mentor Program” on our web page to see contact information on 15 mentors that will help you with turning situations. There is also information on ETW's vast library resources (see “Library”). And for dues information, click on “Membership Form”.

Also once a month (usually one week after our normal meeting), a lot of us gather at Paul Coppinger's shop in Mineola for MOST (Mineola Open Shop Turning). This is a come-and-go “hands-on” event, where you can turn on one of seven mini lathes, ask questions, or just watch. See “MOST Day” on the web page.

ETW participates in the “Beads of Courage” program – this is a national program where kids undergoing various medical procedures (usually cancer) are awarded beads for these procedures and need a container for their beads. See <http://www.beadsofcourage.org/> for additional information.

SWAT (Southwest Association of Turners) has an annual symposium in August – it is a 2-1/2 day event usually held in Waco at the convention center. The 2019 meeting had about 1000 attendees, 50 vendors, a variety of demonstrations, and a gallery of beautiful turnings. See <http://www.swaturners.org/> for more details and cost information.

Member discounts are available from several vendors – please ask the vendor if a discount is available. Please remember that most discount lists are usually updated only once a year, after the dues are collected in the Spring.

Have questions? See the Newsletter for club officer contact information.

Mentor List

J. J. Altier	903-714-3353	Ben Wheeler	jjaltierty@gmail.com
Charles Brooks	903-216-5564	Whitehouse	cbrooks@suddenlink.net
Paul Coppinger	903-638-6008	Mineola	paulcop68@thecoppingers.net
Tom Crosby	903-567-4701	Canton	ctomsturnings@aol.com
Ed Heuslein	903-834-3838	Kilgore/Overton	heuslein@gmail.com
Walter Tate	903-839-6505	Tyler	waltertate1@suddenlink.net
John Wood	936-875-6100	Lufkin	twowood6@yahoo.com

East Texas Woodturner's Supporters

The following businesses have graciously provided support for the activities of the East Texas Woodturner's club. Please show your gratitude by giving them your business when possible.

Craft Supplies USA

1287 E. 1120 S., Provo, UT 84606
1-800-551-8876
FAX: 801-377-7742

<http://www.woodturnerscatalog.com/>

Hartville Tool

13163 Market Ave N Hartville, OH 44632
800-345-2396

<http://www.hartvilletool.com/>

Johnson Wood Products

34897 Crystal Rd., Strawberry Point, IA 52076
563-933-6504 CST

<http://www.johnsonwoodproducts.com/>

Klingspor's Woodworking Shop

3 Locations in North Carolina
1-800-228-0000 EST

<http://www.woodworkingshop.com/>

Packard Woodworks

P.O. Box 718, Tryon, NC 28782
1-800-683-8876
FAX: 828-859-5551

<http://www.packardwoodworks.com/index.html>

Rockler

584 W Interstate 30
Garland, TX 75043
(469) 329-0971

<http://www.rockler.com/retail/stores/tx/garland-store>

Thompson Lathe Tools

5479 Columbia Road North Olmsted, OH 44070
440-241-6360 CST

<http://www.thompsonlathetools.com/>

Woodcraft

Suite 145 601 W. Plano Parkway Plano, TX 75075
(972) 422-2732

<http://www.woodcraft.com/stores/store.aspx?id=317>

Woodline.com

111 Wheeler St., LaVergne, TN 37086
615-793-0474 CST

<http://www.woodline.com/>

Wood World

13650 TI Blvd. #101, Dallas, TX 75243
972-669-9130 CST

<http://woodworldtx.com/>

East Texas Hardwoods

Pittsburg Texas
Joe Hallonquist
Cell- 936-577-4306

Carter & Son Toolworks

Woodturning Tools 206-878-7672

<http://www.carterandsontoolworks.com/>

(see Dennis Lorenz or Paul Coppinger for discount code)

Prez says (continued)

secure the space, then we would be grateful for that assistance. Stick around a bit and go with us across the street and get lunch and tell 'war' stories. (some of us do occasionally 'enhance our version of events').

Another ongoing effort is for the Beads of Courage Program. Last year, (I like to think due to Covid) our contribution to that program was down significantly from the year prior. (2019 we had 86, 2020 we had 123, 2021 we had 70) This year, I know that at least three of our members have committed to beating all previous club contributions, and at least one member is committed to beating any previous individual contribution. If you are unfamiliar with the program you can go to beadsofcourage.org, and you can find specifications for a BoC vessel later in this newsletter. A Chinese Proverb is "Many hands make light work". Please lend a hand to this effort and help lighten the load for a child and their family.

I hope to see you at our meeting this Saturday, February (little month) 12, starting at 9 am.

Until then, Keep Turning, Keep Learning and Godspeed

Do Chara

Mike Connolly

SWAT update (based on Board of Directors meeting 1/29/2022) Dennis Ford

SWAT lost \$32,500 for the 2021 Symposium (The two largest issues were catering and material handling/shipping for Vendors)

The cost for SWAT registration (online) will be \$170 this year (up from \$140 in the past) for the full three days. On site registration will be significantly higher. Costs for spouse, one day attendance and vendor booths will be also be higher than in the past

Lead demonstrators for 2022 (tentative until contracts are signed) are; Martin Saban-Smith, Mike Mahoney, Andi Wolfe, Barry Gross, Dennis Polis, Craig Timmerman, Trent Bosch (pending). A decision was made to NOT have an alternate lead demonstrator but to bump up a regional demonstrator if the need arises.

The list of regional demonstrators is not yet complete, the current list includes Kelvin Burton and Dennis Ford from ETW along with a number of other regional demonstrators.

It looks like the Large lathe for the raffle will be a Robust and the small lathes (3) will be Laguna 1216s

HOTEL CONTRACT EXTENDED FOR 2 YEARS Tom said he was signing 2-year extensions on the current Hotels - locking in the current "SWAT" rates for the next 2-years.

After some discussion, the decision was made to NOT record demonstrations (mostly due to the recordings not being used much). The current recordings will be transferred to DVDs and distributed to clubs who have ordered them.

Art Gallery Two minor changes planned for 2022. We will have dedicated tables for "New Turners". I brought up this idea and it was strongly supported. Some people have been intimidated by the high quality of items in the Art Gallery. Having a separate section will hopefully encourage new turners to bring items to show. I do NOT intend to fuss about who is and who is not a "new turner". Anyone who registers their items as a new turner will be considered a new turner. Pam Thompson suggested we also have separate table(s) for regional demonstrator items to better show what the demonstrations are about. We will include the Lead demonstrator's items.

Beads of Courage

Guidelines (copied from Beads of Courage website)

Beads of Courage members may receive thousands of beads. It is desirable for your boxes to hold them all. As a result, turned or rectangular lidded boxes need to be large. Larger is better! Recommended interior dimensions for turned boxes are: 6" diameter (5" min.), 5" height (4" min.). Recommended interior dimensions for flatwork boxes are 4"x6"x4"

Box bases should be wide enough so the box is stable and does not tip over easily. Lids for Beads of Courage boxes should be easy for small or ill children to remove or lift. Any finials should be easy for a small child to grasp and not too elaborate so they don't break. Avoid excessively elaborate designs that may easily break or be damaged; remember, hospital rooms have limited storage space.

Finishing of boxes is extremely important! Beads of Courage members who receive these boxes are susceptible to germs/infections/mold. Bowls that have not been properly sealed can harbor mold. Please take the time to ensure you are using a safe finishing process that does not contain toxic materials. Also do not use finishes like linseed oil that take a long time to outgas.

All kinds of wood are beautiful! Please refrain from painting Beads of Courage boxes. Instead, highlight the beauty of the wood with clear varnish, a stain, and/or burning.



Pecan cups made by Worth Holmes
This wood came from a tree that
damaged a roof in a storm and the
cups were donated to the family who
lived in the house.

Editor's note:

The following article is by Ken Wurtzel, he has done a lot of work generating look-up tables to help us design segmented turnings. The tables are located at the **Resources** tab of our website. The article below explains how to use them.

Segments Without Math

There is a lot of math to figure out how to construct a segmented ring. Some of it is simple, like calculating the angle to cut the segment. That is 360° divided by the number of segments, then divided in half. For example: a 12 sided ring requires an angle of 360 divided by 12 divided by 2

$$360/12/2 = 15^\circ$$

This is the angle for the miter cut. Reasonably easy to remember if you think of a square. Four sides Means each corner is 90° . Divide that by 2 for the miter = 45° .

Figuring out the length of the side to create a specific outside diameter involves a bit more work. A Reference I wrote for all of the calculations can be found in the article "Beads Of Courage" at the **Resources** tab of our website. If you enjoy math that document has all of the formulas that you should need.

If you enjoy math, you wouldn't be reading this article! I promised no math. I have done all of the math and created a few tables that you can look up the answers on.

1) Segment Length Only.pdf

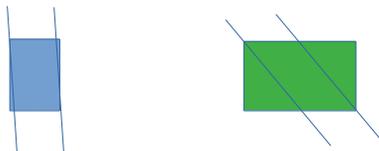
This table shows you the length you need for a desired ring diameter and number of sides. The angle is shown at the top for the number of sides.

For example if you want 24 sides you need an angle of 7.5° , for 12 sides it is 15° . Then you follow down the column to the row for the diameter. For example if you want a 7" diameter ring of 12 Segments, you look down the 12 column to the 7 row:

No. Of Sides → Angle → Diameter ↓	8	12	16	20	24	30	36	40	48	64
	22.5	15	11.25	9	7.5	6	5	4.5	3.75	2.8125
	LENGTH ↓									
6 1/2	2.692	1.742	1.293	1.029	0.856	0.683	0.569	0.512	0.426	0.319
6 3/4	2.796	1.809	1.343	1.069	0.889	0.709	0.591	0.531	0.442	0.332
7	2.899	1.876	1.392	1.109	0.922	0.736	0.612	0.551	0.459	0.344
7 1/4	3.003	1.943	1.442	1.148	0.954	0.762	0.634	0.571	0.475	0.356
7 1/2	3.107	2.010	1.492	1.188	0.987	0.788	0.656	0.590	0.492	0.368

The length of the segment (along the long edge) is 1.876". You glue 12 into a ring and the finished diameter will be 7". If you want 7-1/2" the length is 2.010". The change is only 0.134" (a shade over 1/8") to increase by 1/2" diameter.

The chart does not tell you how wide the segment needs to be, only the length of each segment. The width of the segment depends on the wall thickness at the point you are inserting the ring. This is best determined by drawing the vessel on graph paper, at full scale, and measuring the wall. Remember to account for the slope of the segment. You need to measure from the outside to the inside as if it were a full square accounting for the angle of the wall. The BLUE and GREEN segments widths result in the same wall thickness at different wall angles.



Segments Without Math

2) Segments With Width *.pdf

To show the width require a lot more real estate so there is one chart for each number of segments in a ring. I will use the 8 sides table as an example. The number of sides and cut angle are shown at the top. Each row is for a desired finished outer diameter. You then look up the required width for a given thickness. The total board length, including saw cuts, is shown in the **Board Length** column. For example— an eight segment ring with a diameter of 7” and a 1” thick wall requires a 1.190” wide board, and 24.196” segment length. Please note that the board will have to be somewhat longer so that you have something left to hold on to and keep against the fence!

SIDES = 8		ANGLE = 22.5										Board Length	
Outside Diameter	Seg. Len.	Board Width for Desired Wall Thickness										Blade Kerf	
		1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	0.100	0.125
1	0.414	0.269	0.500	-	-	-	-	-	-	-	-	4.114	4.314
1 1/2	0.621	0.288	0.519	0.750	-	-	-	-	-	-	-	5.771	5.971
2	0.828	0.307	0.538	0.769	1.000	-	-	-	-	-	-	7.427	7.627
2 1/2	1.036	0.326	0.557	0.788	1.019	1.250	-	-	-	-	-	9.084	9.284
3	1.243	0.345	0.576	0.807	1.038	1.269	1.500	-	-	-	-	10.741	10.941
3 1/2	1.450	0.364	0.595	0.826	1.057	1.288	1.519	1.750	-	-	-	12.398	12.598
4	1.657	0.383	0.614	0.845	1.076	1.307	1.538	1.769	2.000	-	-	14.055	14.255
4 1/2	1.864	0.402	0.633	0.864	1.095	1.326	1.557	1.788	2.019	2.250	-	15.712	15.912
5	2.071	0.421	0.652	0.883	1.114	1.345	1.576	1.807	2.038	2.269	2.500	17.369	17.569
5 1/2	2.278	0.440	0.671	0.902	1.133	1.364	1.595	1.826	2.057	2.288	2.519	19.025	19.225
6	2.485	0.459	0.690	0.921	1.152	1.383	1.614	1.845	2.076	2.307	2.538	20.682	20.882
6 1/2	2.692	0.478	0.709	0.940	1.171	1.402	1.633	1.864	2.095	2.326	2.557	22.339	22.539
7	2.899	0.497	0.728	0.959	1.190	1.421	1.652	1.883	2.114	2.345	2.576	23.996	24.196
7 1/2	3.107	0.516	0.747	0.978	1.209	1.440	1.671	1.902	2.133	2.364	2.595	25.653	25.853
8	3.314	0.535	0.766	0.997	1.228	1.459	1.690	1.921	2.152	2.383	2.614	27.310	27.510

Each table is only for one number of sides. This is from the **Segments With Width 8.pdf**

I have created tables for 8, 12, 16, 24 and 36 sides. All of the tables should be available in the **Resources** tab of our website.

Invitation to demo by Matt Monaco

This is an invitation to a woodturning demonstration in Waco, Texas, March 12, 2022. 9:00 am - 3:00 pm. Location is TSTC 305 Airline Dr., Waco, Tx. 76705.

TSTC and the BVWT club require you to be vaccinated to attend this demonstration.

Contact Ray Fritel at rfritel@diversifiedproduct.com with any questions you may have regarding this event.

MATT MONACO TO DEMO FOR BVWT, Waco, IN MARCH

Matt Monaco lives in the Southwestern region of Missouri and has been turning wood for about 18 years. Matt has always been profoundly interested in wood and has been inspired by the abundance of various species of wood growing in his region.

As a gifted woodturner, Matt has dedicated his craft to producing the highest quality woodturned products for collectors, the trades, and all people who value the functionality, warmth and timeless beauty of hand turned wooden decor in their daily lives.

The focal point in the beauty and unique character derived from the timeless shapes Matt employs in his turning, represents a well-studied contrast between the artist's understanding of how green wood expands and contracts, and combining traditional air-drying methods in conjunction with a finishing process that allows the wood to move in a beautifully complimentary way with each form.

BVWT is delighted to have Matt demonstrate at the regular March meeting, which will be an all-day affair, 9:00-3:00. There will not be a Show and Tell or a Raffle as we want to spend as much time as possible watching Matt demonstrate a shear burnished bowl from a log and a thin wall bowl. There is no cost for people attending the demonstration.