



THE TURNING TIMES

An East Texas Woodturner's Publication

Volume 18, Issue 9

September 2010

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Visit us at www.easttexaswoodturners.org

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.

Meeting at TJC West

September 11th, 2010

The Prez Says:



Hello ET Turners,

I recently promised to present my recommended list of tools for woodturning. I am presenting it in 3 classes: Gotta Have, What's Next, and Wow. Obviously, the Gotta Have or basic class is the set of beginning tools that every woodturner needs. What's Next is the group of tools that expand or open-up your woodturning capabilities. Finally, the Wow class is the set of tools you might like to have but may be reluctant to purchase.

Gotta Have

Bowl Gouge - Every turner needs a bowl gouge with a fingernail grind. The size can be either a 3/8, 1/2 or 5/8 inch gouge. More important than size is the grind. The fingernail grind has swept back sides which offer several cutting options. Consider the gouge when held upright as a clock face with the tip at 12 o'clock. The fingernail grind allows the user to turn with the tip of the grind (10pm to 2am) in a bevel rubbing cut, either in a push or pull cut; a non-bevel rubbing cut where the flute is turned to about a 45 degree angle); and finally the shear cut or scrape cut for final smoothing or leveling.

Parting Tool - A very useful tool for spindle shaping, dimensioning and to part off turnings. Parting tools come in various sizes and shapes and each is useful. A 1/4" parting tool is great for general parting off of your work and works well for turning fixed diameters. The narrow tools make for quicker parting or for close in parting such as next to a chuck. If you don't have much money, a straight handled sheetrock saw makes a nice, flexible, narrow parting tool. You grind off the set of the saw, then grind off the edge of the saw teeth and shape the end to a point. Remember that the steel is not HSS and can be "burnt" while grinding so use water to cool during sharpening. Finally, diamond shaped parting tools are available and minimize binding when parting. Whether 1/4, 1/8 or 1/16 inch, you gotta have a good parting tool.

What's Next

Roughing Gouge - Whether big or small, a very useful tool for rounding and dimensioning spindle work. Its primary advantage is lots of sharp edge. As one area of the edge dulls, simply rotate slightly to get a new sharp edge. Some roughing gouges have straight sides which allow the tool to cut like a skew when the side edge is held on the bevel at approximately a 45 degree angle. Never use on side grain like bowl turning.

Calendar of Events

- Sep. 11, 2010 9:00am**
Regular Club Meeting
- Sep. 18, 2010 9:00am**
MOST Day, PAC Shop (Mineola)
- Oct. 9, 2010 9:00am**
Regular Club Meeting
- Oct. 16, 2010 9:00am**
MOST Day, PAC Shop (Mineola)
- Nov. 13, 2010 9:00am**
Regular Club Meeting
- Nov. 20, 2010 9:00am - Tentative**
MOST Day, PAC Shop (Mineola)
- Dec. 1, 2010 1:00pm**
SC Mtg. TJC Rm 101
- Dec. 11, 2010 9:00am**
ETW Christmas Party

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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.

For Sale: Woodturning Aprons – Made of material that sheds those pesky shavings - \$25.00. Please contact Kay Leonard at 903-592-6009 or at kay199417@gmail.com

Wanted: Pen and small turning projects equipment including mini lathe. Please email me with offers and prices. **Don Wade** azledon@msn.com

For Sale: Craftsman lathe - Good shape - Works well. \$75 Darryl Roberts (903) 526-1991 darryl.roberts62@yahoo.com

Wanted: Late model Oneway chuck. Call Marvin Cade at 903-539-8845

For Sale: Jet Mini Bed Extension, in box, never used - \$50.00; Sears 10" Radial Arm Saw with cabinet stand - \$100.00; Delta 1/2" Spindle Shaper with cutters - \$225.00 Norman Dixon, 903-753-6980, normandixon@cablelynx.com

ANCHOR SEAL FOR SALE

The Club has Anchor Seal end grain sealer for sale at most Club meetings. It is available in 1 and 2 gallon jugs at \$9.00 per gallon. To obtain it, pay our treasurer, Archie Stivner, and then see Cecil Cox. If you need some between meetings, call Cecil at 903-882-5311.



ETW 2010 Program Schedule

Sept. 11, 2010	* Tom Crosby	Captive Rings - Skew & Nails
Oct. 9, 2010	* Norm Dixon	To Be Announced
Nov. 6, 2010	William Gordy	To Be Announced
Dec. 11, 2010	Membership	Christmas Party

* Tom Crosby and Norm Dixon have swapped months from the originally published schedule - Editor

East Texas Woodturner's Raffle Items

Tickets can be purchased for each raffle at the monthly club meetings and are priced at \$1 each or 6 for \$5

September 11, 2010:

(Monthly items are subject to change based on availability)

Crown Narrow Parting Tool Dust Bee Gone Mask (Med.)
 Kay Leonard Turning Smock Artisan Dyes (3 Colors - RBY)
 Thompson Lathe Tools 1/4" Detail Gouge

Third Quarter 2010 (Sept): Sorby Texturing Tool, Wagner Texturing Tool (1/4" x 16tpi), 5 TomBow Dual Brush Pens

Annual 2010 (Dec.): Oneway Stronghold Chuck with 1" & 1-1/4" Inserts; #1 (Spigot), #2, and #3 Jaws

September 11, 2010 Setup/Cleanup Roster



The following members have generously volunteered to handle the setup and cleanup chores for the next meeting. Please thank them and consider volunteering to help at future meetings.

L.V. Filak

Gary Griffin

Jerry McQueen

J.J. Altier

YOU

YOU

Mineola Open Shop Turning Day (MOST Day)

September 18, 2010

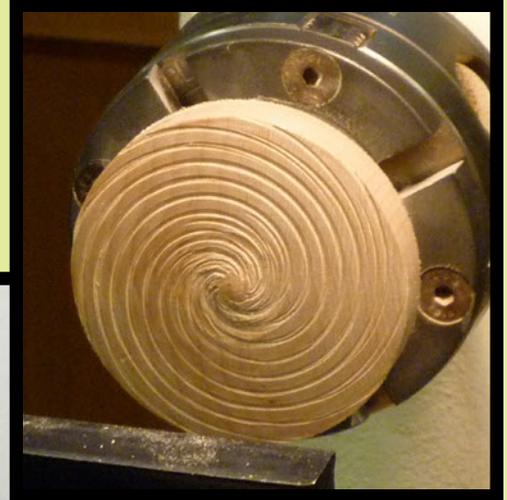
Projects: Christmas Ornaments, or anything else you wish to do.

Paul Coppinger's Shop in Mineola
 (see website for map)

Turning, Fun and Fellowship

If we're not having fun, we're not doing it right!

August 2010 Michael Mocho Hands-On Class Pictures



**Michael Mocho
Hands-On Classes**



Pictures from the Saturday demo were unavailable at press time.

Spindle Gouge - A necessary tool for turning beads and coves on spindle work. The larger gouges work better on large coves and beads. I like the 3/8" gouge for all-around spindle work. Detail spindle gouges have more meat under the flute meaning the tool can be extended farther over the tool rest for deep beads and coves. Again, I like a 3/8" detail spindle gouge.

Skew - Some consider the skew the tool of the devil, mostly because they have a devil of a time learning to use it. Several secrets help master the skew. Always cut above center with the portion of the skew edge that is below center. This means have your tool rest slightly above center and use the bottom half of the skew edge to cut. Some say only use the bottom third of the edge. More important, support the edge by riding the bevel, and keep enough down pressure on the tool to avoid a bouncing cut. Coupling these tips with practice will let anyone conquer this useful tool. Size can be as small as 1/4" (round or flat shank) up to over an inch. Regardless, each can be useful. Some have oval shanks, most are rectangular. The oval skews are more difficult to sharpen but making a wooden block to match the oval really helps. The oval shank makes rolling beads easy.

Rectangular shank skews need to have their shank corners "radiused" to prevent digging into the tool rest when rolling beads. Some skews have a radius edge and any edge can have a slight radius ground during sharpening. The 1/4" flat shank skew is useful for chatter work when extended over the tool rest and making contact with end grain at about 7:30 when viewed as a clock face.

Scraper - A very underestimated turning tool when held below center and having a good burr on the edge. The burr can simply be the normal burr left after sharpening on a grinder or it can be raised by hand using a stone or diamond sharpening card. The angle that the tool is held is critical to prevent catches. If the angle is too high, like holding a bowl gouge, the edge will actually be pulled into the wood resulting in a big catch. Holding below center causes the tool to be pushed away from the wood. A negative rake scraper eliminates this problem by having the angle ground onto the edge and therefore doesn't require holding the tool below center. Size and thickness are important. The thicker the scraper, the less vibration and hence a smoother scrape. The shape can be either flat for cleaning the bottom of bowls or can be rounded on the left side for scraping the corner of bowls and boxes.

Hollowing System - Most hollowing systems utilize 3/16" or 1/8" HSS tool bits used by machinists. The bits are held in some type of boring bar which is then held by a handle, an arm brace or a torque capturing system. Many systems are available by tool manufactures such as Sorby, Kelton, Jordan, Jamieson, Elbo, etc. The Jordan arm brace system with his tapered boring bars is a great system for hollowing by hand. Kelton makes some very good straight or curved laminated boring tools but they require handles. These work

very well for hollowing small turnings by hand. Jamieson makes a good torque capturing system that has a "D" ring boring bar receiver that travels horizontally between 2 fixed beams. As the tip cuts, the torque or twist attempts to twist the "D" ring but is negated by the fixed beams. The Elbo and Vicmarc systems use either the tailstock or a vertical post to capture the torque. I utilize the Kelton mini hollowing tools for hollowing smaller than 3". I have made several "D" ring systems including the boring bars. I now use the John Jordan tool bars and tips in a Vicmarc boring post system.

Wow

Sorby Spiraling Tool - These come in 2 sizes with different wheels for texturing or spiral cutting. Great to add unique special effects to your turnings.

Wagner Knurling Tool - These come in 3 sizes to cut knurling on turnings. They take a large amount of pressure to cut the knurling pattern.

Carbide-tipped Tools - Great for roughing and rather than sharpening, you replace the tip. These offer longer lasting edges but do not cut as fine as HSS, therefore they work best for roughing or hollowing. You can sharpen these tips but it requires diamond sharpening stones instead of grinders.

You may have noticed that nothing was mentioned about sharpening. None of the above tools are worth a *^## if dull. Next month I will talk about sharpening and some other accessories that will improve your turning quality and/or productivity.

Happy Turning – PAC

ETW Member Tips

Finish Turning A Bottom: Obtain an old auto engine valve(s) from a engine rebuild or mechanics shop. Old valves are thrown away so you can usually get them for nothing. Attach any size padding on top of the valve and insert the stem in a lathe attached drill chuck. You can make various size pads to fit any turning inside form. Also, with some thought you can make the valve a long sanding mandrel with different size pads. - Tom Criswell

LATE BREAKING NEWS

The Turning Times crack investigative staff has discovered that woodturning savant Tom Crosby will be demonstrating how he makes Christmas ornament finials and icicles at the Sept. 18th MOST Day at Paul Coppinger's shop in Mineola.

ETW At SWAT 2010

East Texas Woodturners were an integral part of the success of the 2010 SWAT Symposium. Once again, ETW sponsored the Instant Gallery, and once again it was a huge success. I'm sure I speak for all ETW club members in extending a very big **THANK YOU** to **Walter Tate** for organizing and overseeing the operation of the gallery. And another big **THANK YOU** to all the ETW volunteers who took time from enjoying the demonstrations to work in the gallery, insuring that the constant stream of visitors obeyed the rules and enjoyed the wonderful pieces on display. And last, but certainly not least, another big **THANK YOU** to the member's spouses who so tirelessly worked at the beginning and end of the symposium to insure that everyone displaying woodturnings got their pieces logged in and logged out with a minimum of hassle. Without them Thursday afternoon, Friday morning, and Sunday would have been a nightmare.

A second example of ETW's participation can be seen in the number of ETW members donating pieces to the 2-for-1 raffle. Of the 38 pieces submitted, 11 (at right) were from ETW members. That's almost 30%. On top of that, two ETW members, **Dennis Ford** and **Ed Heuslein**, had pieces selected for the special "Gallery Raffle" which consisted of only eight pieces from the donations.

And as a final example of ETW's imprint on SWAT, of the 34 pieces submitted for the **Beads Of Courage** program at SWAT, 15 came from ETW members. That's 44%. On top of that, **Tom Crosby** won second place in the associated **Wood World** sponsored contest, providing him with a few shekels to spend at the vendor's booths.

2-for-1 Raffle Donators: Dennis Ford, Denny Burd, Reynol Vancil, Ken Terrell, Tom Crosby, Tom Canfield, Ed Heuslein, Norm Dixon, Tom Criswell.

Beads Of Courage Donators: Tom Crosby, Paul Coppinger, Jack Day, Joe Cass, Jim Powers, Cecil Cox, and Ken Terrell. – **Editor**



Denny Burd



Tom Canfield



Paul Coppinger



Tom Criswell



Tom Crosby



Norm Dixon



Dennis Ford



Ed Heuslein



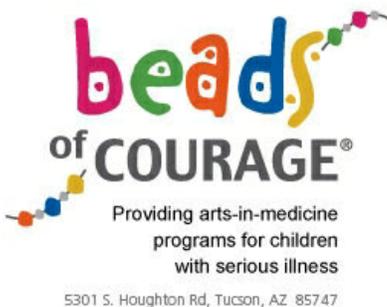
Nathanael Landry



Ken Terrell



Reynol Vancil



The ETW Steering Committee is recommending that members participate in the **Beads of Courage** program. This program aids children undergoing treatments for cancer. **Tom Crosby** will be the ETW representative for this program. Check with him for more information or go to <http://beadsofcourage.org>.

Mentor List

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Tom Criswell	903-509-1042	Tyler	tom_criswell@yahoo.com
Tom Crosby	903-567-4701	Canton	ctomsturnings@aol.com
Norm Dixon	903-753-6980	Longview	normandixon@cablelynx.com
L. V. Filak	903-885-2550	Sulphur Springs	lrfilak2@suddenlink.net
Ed Heuslein	903-834-3838	Kilgore	heuslein@earthlink.net
John Leonard	903-592-6009	Tyler/New Harmony	jdl1938@gmail.com
Walter Tate	903-534-8808	Tyler	whtbjt@sbcglobal.net
Ken Terrell	903-839-4735	Whitehouse	kpterrell@suddenlink.net

Fun At SWAT

As in the past, I had a great time at the 2010 SWAT Symposium. The demonstrators were exceptional, the vendors plentiful, and the camaraderie was wonderful.

The highlight for me, as it was for many, was Molly Winton's demonstrations on woodburning, branding and texturing. She drew a big crowd at all her sessions, and her presentations were both educating and entertaining. She is an excellent woodturner and a natural demonstrator. Check her website for examples: <http://www.turningmaven.com/>

Tom Farrel's demonstration on a unique approach to two-piece spherical Christmas ornaments was also very interesting and I hope to give his method a try later this year.

For those of you who haven't been to a SWAT Symposium, you really need to put it on your calendar for 2011.

Also, there will be room in the October newsletter edition for additional member submissions concerning the fun they had at SWAT 2010 - **Hint, Hint**. – **Mike DeLong**



Molly Winton's donation to the SWAT 2-for-1 raffle

Editor's Show & Tell Favorite

Due to the length of the Michael Mocho demonstration, there was not a Show & Tell session at the August meeting.



East Texas Woodturners Library

Now would be a good time to check if you have any items from the **ETW Library** that need to be returned. Some of your friends are waiting to enjoy them too.

PLEASE RETURN THEM



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.

Woodcraft

1430 Marsh Lane
Addison, Texas 75001
(972)-241-0701 CST
<http://www.woodcraft.com/>

Thompson Lathe Tools

5479 Columbia Road
North Olmsted, OH 44070
440-241-6360 CST
<http://www.thompsonlathetools.com/>

Rockler

Promenade North Shopping Center
800 North Coit #2500
Richardson, TX 75080
(972) 613-8848 CST
<http://www.rockler.com/>

Craft Supplies USA

1287 E. 1120 S., Provo, UT 84606
1-800-551-8876
FAX: 801-377-7742
<http://www.woodturnerscatalog.co>

Hartville Tool

13163 Market Ave N
Hartville, OH 44632
800-345-2396
<http://www.hartvilletool.com/>

Packard Woodworks

P.O. Box 718, Tryon, NC 28782
1-800-683-8876
FAX: 828-859-5551
<http://www.packardwoodworks.com/index.html>

Wood World

13650 TI Blvd. #101, Dallas, TX 75243
972-669-9130 CST
<http://woodworldtx.com/>

Johnson Wood Products

34897 Crystal Rd.,
Strawberry Point, IA 52076
563-933-6504 CST
Wood Turning Blanks, Bowl Blanks
<http://www.johnsonwoodproducts.co>