



Between Turns

Michigan Association of Woodturners

A chapter of the American Association of Woodturners

VOLUME 28, ISSUE 7

JULY 2016

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July 2016

Thank you Dave Worden for two demonstrations as the June meeting.

The MAW is meeting at the Rose Township Hall.

This is not the same building as

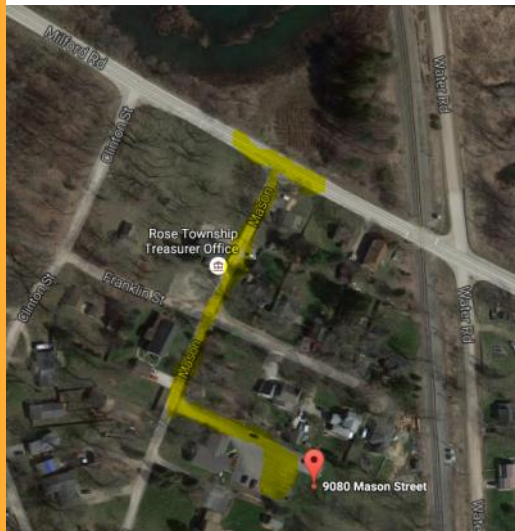
the Treasures Office. It is further down Mason Road from Milford Road and is on the Left side of the street.

Parking is in back and the entrance is thru the side door that you drove past. Be careful not to let the cats out.

The August Picnic will be held in the pavilion behind the Fire Department off of Milford Road just North of the Rose Township Hall.

**280 W Rose Center Rd,
Holly, MI 48442**

Sphere Challenge 2"-3"



The club meeting will be held at:

**Rose Township Hall
9080 Mason Street
Holly, MI 48442**

Off of Milford Road



Upcoming Dates

2016 Tentative Meetings :

August 7 Picnic, September 11,

October 2, November 6, December 4 Holiday Party

2016 Open Turning :

To Be Announced

-Meetings are held monthly on the first Sunday of each month from 1:00 pm - 3:00 pm

at Rose Township Hall

9080 Mason Street

Holly, MI 48442



Instant Gallery

Maple Platter

Ash Urn with Stand

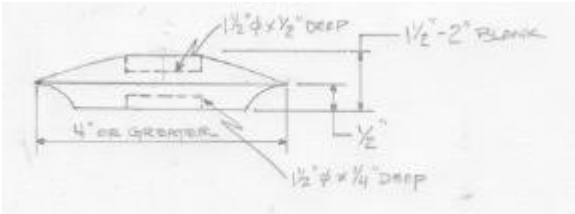
Dave Myre

Chuck Ruby



Please sign the gallery list so that credit can be given.

UFO Tea Light



Begin with a blank 4" - 7" in diameter and 1 1/2" - 2" thick.

Drill a 1 1/2" diameter by 1/4" deep hole in the bottom of the blank. Mount blank to an expanding four-jaw chuck using the hole just drilled. If your blank is not yet round, turn the outside diameter round. Mark a line 1/2" up from the bottom. Now turn a gentle curve from the 1/2" line to the top of the blank. When you have a curve that you're satisfied with, drill a 1 1/2" hole in the top of the blank. Ultimately this hole should be 1/2" deep. However, if you want to hide the center point/hole left by your drill, drill this only about 3/8" deep (the length of the point on your drill bit being about 1/8" long). With the tool of your choice (probably a flat scraper, parting tool or bedan) deepen the hole to 1/2" deep with a flat bottom. Sand the top. Finish it now if you wish to use a friction finish. (In future steps you may remove this hole and lose the ability to chuck the tea light here.)

With the top completed, reverse chuck the blank using the hole in the top. Turn a curve similar to that shown above from the edge of the blank toward the center. The bottom of your tea light should be approximately 70-80% of the diameter of the tea light. Turn the bottom slightly recessed so that the light will sit flat.



Thank you Dave for an interesting pair of demonstrations

UFO Tea Light Continued

At this point you can friction finish the bottom if you wish. OR you can flatten the bottom of the bottom hole to eliminate the center point hole left by your drill bit. OR you can deeply dish the bottom of the tea light so that it could also be used as a small bowl. If you chose to make the bottom a bowl shape and you have not removed the holes left by your drill bit's center, measure very carefully so as not to make the bowl too deep. You can leave about 1/8" thickness at the bowl bottom, but ONLY if you have previously flattened the bottom of the hole you drilled in the top. If that pesky drill bit center hole is still there (remember that the tea light will function just fine if you leave the center point's hole) you run a risk of having a tiny hole in the bottom of your funnel. Oops, I meant tea light. You could also add any embellishments to the top while you are still chucked in the bottom hole.

If you retain the 1 1/2" hole in the bottom of the tea light you can use either the top or bottom holes to re-chuck the tea light for finishing, re-shaping or holding it while you hand carve embellishments. If you turn the bottom into a bowl shape you can no longer inset the bottom into a chuck to work on the top of the tea light.

Note for the larger diameter tea lights use the thicker blanks or even the 1 1/2" blank. Just play with the shape until you have what you believe a UFO looks like!

Let an officer what you would like to see demonstrated a future meetings.

UFO Tea Light Continued



This is a neat project that can be completed with a smaller piece of wood.

Stir Stick



The stir stick is a nice spindle project, especially when turned off center.

Stir Stick



Start with a spindle blank that is the desired length and will fit between centers of your lathe. Cup Centers are nice for projects this small as they are less likely to split your turning blank. Mark the center Point on each end. Then mark a point out equal distance to the left and right of the center point. Rough turn your spindle into a cylinder.



Turn the handle of your stir stick leaving the end intact so you do not lose your markings. You can sand the handle at this point. Remount your blank to the points you marked so you are using the two off set points on the same side of the center point.



Turn the stir stick long portion not touching the handle. Remount the blank on the opposite set of off set points. You are looking to turn the long portion so that you have an edge that is centered. Minor corrections can be made with sanding.



The stir stick is a nice spindle project, especially when turned off center.

Coring System

Come to a mentor workshop and take advantage of the clubs Coring System. Coring a bowl allows you to turn several bowls out of a single piece of wood.

You can see Dave made 4 bowls and another small inner blank from his piece of wood. Turning a bowl the standard way would have resulted in one bowl.

This is useful when turning figured or expensive wood as you can turn multiple bowls for the cost of one bowl blank.

The Coring system is for the Powermatic lathe. Sign up with Dave Worden if you want to use the Coring System

Dave Worden
248-917-2822.



Making a flat spot on the tool handle will stop the tool from rolling off of the lathe bed or work table.

MAW Mentoring

The Michigan Association of Woodturners provides mentoring to members.

Opening Turning schedule will be published when it resumes.

- | | |
|-----------------------|--------------|
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| Pete Buccellato | 248-634-7622 |
| Bill Magee | 734-981-6117 |

Photo's

If you have digital photo's that you would like to have considered for use in the newsletter, please send them to the editor at:

Jeffatwayne@yahoo.com



Club Library

Dave Worden is our club's Librarian. Dave maintains the MAW's book's and DVD's. While we will be meeting at the Rose Township Hall Dave will no longer be setting out all of the material. Instead the library will run on a request system. Let Dave know what material you would like to check out and he will bring it to the next meeting if it is available.

Dave Worden 248-917-2822.

DVD's

LIBRARY NUMBER	TITLE	AUTHOR	NOTES
DVD501	Starting Wood Turning	Robert Sorby	
DVD502	Thread Cutting	Robert Sorby	Thread Chasing
DVD503	Eccentric Chuck Projects	Robert Sorby	
DVD504	Specialist Wood Turning Tools Pt I	Robert Sorby	
DVD505	Specialist Wood Turning Tools Pt II	Robert Sorby	
DVD506	Handcrafted Pens (The Basics)	Penn State	Pens
DVD507	Pocket Hole Jig Basics	Penn State	
DVD508	Easy Coring System & Wolverine Grinding Jig (2 copies)	Oneway	Sharpening and Techniques
DVD509	Easy Core System	Oneway	Coring
DVD510	Wolverine Sharpening System	Oneway	Sharpening and Techniques
DVD511	The Discriminating Woodworker Vol. I	Laguna Tool	
DVD512	The Discriminating Woodworker Vol. II	Laguna Tool	
DVD513	The Professional Woodworker	Laguna Tool	
DVD514	Wood Burning with Cheryl Dow Disc 1	Cheryl Dow	Wood Burning
DVD515	Wood Burning with Cheryl Dow Disc 2	Cheryl Dow	Wood Burning
DVD516	Wood Turning (Bowls) Vol. 3 2-Disc Set	Steve Russell	Bowls
DVD517	Wood Turning (Pens) Vol. 2	Steve Russell	Pens
DVD518	Wood Turning Vol. 1 & 2 (CD Rom eBook)	Steve Russell	
DVD519	The Basic Box	Ray Key	Boxes
DVD520	The Finial Box	Ray Key	Boxes
DVD521	The Capsule Box	Ray Key	Boxes
DVD522	Bowl Turning	Del Stubbs	Bowls
DVD523	Turning Boxes	Richard Raffan	Boxes
DVD524	Turning Wood	Richard Raffan	
DVD525	Turning Projects	Richard Raffan	Projects
DVD526	Two Ways to Make a Bowl	Mike Mahoney & Stuart Batty	Bowls
DVD527	Beginning Spindles to Bowls	Joe Ruminski	Spindles and Bowls
DVD528	Intro to Segmented Turning	Curt Theobald	Segmented Turning
DVD529	Turning Boxes and Other Projects	Bonnie Klein	Boxes
DVD530	Turn Around	Jimmy Clewes	

Club Library

DVD's Continued

LIBRARY NUMBER	TITLE	AUTHOR	NOTES
DVD531	Turn It On Vol I	Jimmy Clewes	
DVD532	Turn it On Vol II	Jimmy Clewes	
DVD533	Turn it On Vol III	--MISSING--	Checked out/not returned
DVD534	Turn It Up Vol I	Jimmy Clewes	
DVD535	Turn It Up Vol II	Jimmy Clewes	
DVD536	Turn It Up Vol III	Jimmy Clewes	
DVD537	Creating "Outlay" from Inlays	Larry Fox	Techniques
DVD538	Wet Turning with a Difference	--MISSING--	Wet Turning
DVD539	Bowl Turning	--MISSING--	Bowls
DVD540	Build Elegant Kaleidoscopes (includes Book-	James Duxbury	Projects
DVD541	Fancy Vignettes and Christmas Ornaments	Ron Brown	Christmas Ornaments
DVD542	This number available for re-use		
DVD543	Ron Brown Extras	Ron Brown	
DVD544	Vessels of Illusion	Trent Bosch	Techniques
DVD545	Sculpting Wood Beyond the Lathe	Trent Bosch	Techniques
DVD546	Using the Penn State Duplicator on Your	Penn State	Techniques
DVD547	Simplified Fluting	Al Caton	Techniques
DVD548	Woodturner Pro (Demo Program)		Software & Techniques
DVD549	Easy Rougher Tool Demo	Easy Tools	Tools & Techniques
DVD550	Wood Turning Plain and Simple	Jim Greenwood	
DVD551	Back to Basics	Jimmy Clewes	
DVD552	Turning the World Vol I	Jimmy Clewes	
DVD553	Turning the World Vol II	Jimmy Clewes	
DVD554	Turning the World Vol III	Jimmy Clewes	
DVD555	Woodturning Projects Vol I	Rex & Kip	Projects
DVD556	Woodturning Projects Vol II	Rex & Kip	Projects
DVD557	Woodturning Projects Vol III	Rex & Kip	Projects
DVD558	Woodturning Projects Vol IV	Rex & Kip	Projects
DVD559	How to Begin Airbrushing	Createx Colors MI	Airbrushing
DVD560	Sharpening Demystified Copy 1	Kirk DeHeer	Sharpening.
DVD561	Sharpening Demystified Copy 2	Kirk DeHeer	Sharpening.
DVD562	Yo-Yo Turning	Ed Davidson	Projects
DVD563	Binh Pho Surface Design	Binh Pho	Techniques
DVD564	Binh Pho Thin Wall Turning	Binh Pho	Techniques

Club Library

DVD's Continued

LIBRARY NUMBER	TITLE	AUTHOR	NOTES
DVD565	Fabulous Finial Box	Cindy Drozda	Boxes
DVD566	Woodturning Workshop #121 Mallet	Woodturning Workshop	Projects
DVD567	Woodturning Workshop #104 Cocobolo	Woodturning Workshop	Projects
DVD568	Turning Acrylic Materials	Barry Gross	Pens
DVD569	Turned Bowls Made Easy (Disc may be	Bill Grumbine	Bowls
DVD570	Projects Along the Wood Turning Trail (2	Alan Lacer	Projects
DVD571	Bowl Basics the Easy Way (2 disc set)	Lyle Jamieson	Bowls
DVD572	Essential Woodworking Techniques	Woodworker's Guild	Techniques
DVD573	Sharpen Less - Turn More	Tormek	Sharpening
DVD574	Skill Building Projects (copies 1 & 2)	Mark St. Ledger	Projects
DVD575	Segmented Woodturners	Arrowmont Symposium	Segmented Turning
DVD576	Woodturning Christmas Ornaments Vol 5	Rex & Kip	Christmas Ornaments
DVD577	Woodturning Christmas Ornaments Vol 6	Rex & Kip	Christmas Ornaments
DVD578	The Skew Chisel	Alan Lacer	Techniques
DVD579	Making a Pepper Mill	Ted Sokolowski	Pepper Mill Project
DVD580	Finial Star DVD	Cindy Drozda	Projects
DVD581	Elegant Finials	Cindy Drozda	Projects
DVD582	Hollow Forms and Urns	Mike Mahoney.	Hollow Forms
DVD583	Heirlooms - Making Things That Last	Mike Mahoney	Projects
DVD584	Metal Spinning	Penn State	Techniques
DVD585	Blind Boring	Gary Weiermiller	Techniques
DVD586	Jimmy Clewes Demo Pictures	Gary Smith	
DVD587	Woodburning, Airbrushing, Texturing &	Brian McEvoy	Techniques
DVD588	Creating Two-Piece Hollow Forms	Brian McEvoy	Hollow Forms
DVD589	Mastering the Large Captive Boring Bar	Brian McEvoy	Techniques
DVD590	Bowl Basics	Mike Mahoney	Bowls
DVD591	Wood Turning with Alan Lacer	Alan Lacer	Projects
DVD592	Seasoning for a Textured Bowl	Mark Sanger	Bowls
DVD593	Decorative Utility Bowls	Trent Bosch	Bowls
DVD594	Open Bowls Copies A and B	David Ellsworth	Bowls
DVD595	Hollow Turning Copies A and B	David Ellsworth	Hollow Forms
DVD596	Ellsworth Signature Gouge Copies A and B	David Ellsworth	Tools & Techniques
DVD597	Tips for Turners for Hollow Turning Copies	David Ellsworth	Hollow Forms
DVD598	Mastering Woodturning Tools and Tech-	Glenn Lucas	Techniques

Club Library

DVD's Continued

LIBRARY NUMBER	TITLE	AUTHOR	NOTES
DVD599	The Art of Hosaluk	Michael Hosaluk	Techniques
DVD600	Segmented Woodturning: Vol I Getting Started	Malcolm Tibbets	Segmented Turning
DVD601	Seg. Woodturning: Vol II Tips, Tricks & Fea-	Malcolm Tibbets	Segmented Turning
DVD602	Segmented Woodturning: Vol III Exploring	Malcolm Tibbets	Segmented Turning
DVD603	2006 National Symposium Snapshots	AAW	
DVD604	Woodturning: Fundamentals of Sharpening	AAW	Sharpening
DVD605	Bottle Stoppers Quick and Easy	Ron Brown	Projects
DVD606	The Son of Skew	Alan Lacer	Projects
DVD607	Elliptical Turning: An Introduction	David Springett	Tools & Techniques
DVD608	Christmas Tree Topper	Tim Yoder	Christmas Ornaments
DVD609	Turning for Fun and Profit	Nick Cook	Projects
DVD610	Turning for Food: Kitchen Related Projects	Nick Cook	Projects

Book's

LIBRARY NUMBER	TITLE	AUTHOR	NOTES
Book701	Eccentric Chuck Projects	Robert Sorby	Projects
Book702	Proedge	Robert Sorby	sharpening
Book703	Woodturning Notes	Alan Batty	
Book704	Lathe + 158 Turned Objects	MISSING	
Book705	Insights and Inspirations in Contemporary Turned Objects		
Book706	International Lathe-Turned Objects Challenge IV		
Book707	International Lathe-Turned Objects Challenge V		
Book708	Turning In Context		
Book709	Cabinets of Curiosities		
Book710	Nature Transformed	Bohlen Collection	
Book711	Making Wood Boxes with a Bandsaw	Tom Crabb	Boxes
Book712	The Practical Wood Turner	F. Pain	
Book713	Harvesting Urban Timber	Sam Sherrill	
Book714	The Lathe Book	Ernie Conover	
Book715	The Craftsman Wood Turner	Peter Child	
Book716	Turning Miniatures in Wood	John Sainsbury	Miniatures
Book717	Woodturning in North America since 1930		
Book718	24 Woodturning Projects	Percy Blandford	Projects
Book719	Wood Turners' Project Book	Phil Jones and Charles Mercer	Projects

Club Library

Books's Continued

LIBRARY NUMBER	TITLE	AUTHOR	NOTES
Book720	Wood Burning with Cheryl Dow Vol 1	Cheryl Dow	Wood Burning
Book721	Wood Burning with Cheryl Dow Vol 2	Cheryl Dow	Wood Burning
Book722	Wood Burning with Cheryl Dow Vol 3	Cheryl Dow	Wood Burning
Book723	Wood Burning with Cheryl Dow Vol 4	Cheryl Dow	Wood Burning
Book724	Projects for Wood Turners	Chris Child	Projects
Book725	Woodturning Tips and Techniques	Carol Rix	Techniques
Book726	Woodturning: Two Books in One	Phil Irons	
Book727	Woodturning with Ray Allen	Dale Nish	
Book728	Beautiful Wood	F. Paxton Lumber Co.	
Book729	Pen Turners Workbook	Barry Gross	Pens
Book730	Creative Woodturning	Dale Nish	Techniques
Book731	Understanding Wood Finishing	Bob Flexner	Finishes
Book732	number available for re-use		
Book733	Modern Woodturning	Gordon Stokes	
Book734	Richmond Symposium 2008		Demonstrator Handouts
Book735	Vacuum Kiln Drying for Woodworkers	Joshua Salesin	Drying
Book736	Tops: Making the Universal Toy	Michael Cullen	Projects
Book737	The Art of the Dot	R. Paschall & Anderson	Airbrushing Series
Book738	Airbrushing	Radu Vero	Airbrushing Series
Book739	Pinstriping	John Hannukaine	Airbrushing Series
Book740	Airbrushing for Fine & Commercial Artists Airbrushing Techniques for Custom Painting	Robert Paschall	Airbrushing Series
Book741	Vol. II	Badger	Airbrushing Series
Book742	Turning Projects	Richard Raffan	Projects
Book743	The Practice of Woodturning	Mike Darlow	
Book744	The Art of the Lathe	Patrick Spielman	
Book745	Make Money from Woodturning	Ann & Bob Phillips	
Book746	Turning for Furniture MISSING	Ernie Conover	
Book770	Woodturning Christmas Ornaments	Dale Nish	Christmas Ornaments
Book771	Turning Salt and Pepper Shakers and Mills	Chris West	Projects
Book772	Turning Green Wood	Michael O'Donnel	
Book773	Woodturning Techniques	Mike Darlow	Sharpening and Techniques
Book774	Segmented Bowls	Don Jovag	Segmented Turning
Book775	Ellsworth on Woodturning	David Ellsworth	
Book776	Turned Boxes: 50 Designs	Chris Stott	Boxes
Book777	Turning Custom Duck & Game Calls	Ed Gleen and Greg Keats	Projects
Book778	Woodturning Music Boxes	James A. Jacobson	Projects
Book779	Woodturning Spindle Projects	Alan Holtham	Projects
Book780	Scrollsaw Puzzle Patterns	Patrick & Patricia Spielman	Projects
Book781	Scrollsaw Handbook	Patrick Spielman	
Book782	AAW Pittsburgh Symposium Handout 2015	AAW	

Making a Walking Stick, Fred Holder

When I was younger and my wife and I did a lot of camping and hiking in the woods, I used to pick up a suitable stick around 5 to 6 feet long and about 1-1/2 inches in diameter at the largest end and use it for stability along the trail. It helped to push you up hill when you were climbing and it helped to put a brake on when you were descending a slope. I generally adopted this stick for the duration of the camping trip if it was a good one. I then discarded it when we went home.

Well we don't go camping anymore and I don't hike on hillsides, but I do still walk along side of the road and sometimes the uneven ground makes one a bit unsteady. I had thought of making a walking stick for several years. A couple of months ago, the bug got even stronger.

I selected some dogwood square stock that I had and began to work on my walking stick. I wanted it to be about 5 feet long and about 1-1/2 inch in diameter at the hand hold area, but I also wanted to be able to take it in the car should I wish to go hiking in the hills. This meant at least one join.

I didn't think that the brass joins available for canes would be heavy enough for my walking stick. Initially, I made up a join out of lignum vitae, but it didn't work out because as I got the female portion down to size, it was too thin to stand up to the pressure and cracked. It was redesign time! I decided that a 3/4" pipe coupling should be about the right size. I made up two male threaded pieces out of lignum vitae with 3/4" tapered pipe threads on one end and a tenon on the other to join to the walking stick. I had an insert out of a pipe threading machine, so I clamped this into a pair of vice grips and used it as a thread chaser to chase the threads. The iron coupling looked ghastly, according to my wife. So a visit to the hardware store turned up a brass coupling with a hex exterior shape. She didn't like that either.

I mounted a piece of Osage Orange in one of my Nova chucks and chased a thread for the coupling. Using a 1/8" parting tool, I faced off the end of the coupling until it was square with the threads, reversed it so the faced off end was against the shoulder on my holding chuck. Now, both ends were square to the threads. Using the 1/8" parting tool, I then turned away the hex shape of the coupling, sanded and polished. It looked great on the walking stick and my wife was happy with it too.



My join worked well and looked good and was strong. The only weak part was the glue and lignum vitae. It finally took epoxy to hold. I made two more walking sticks with somewhat improved joints using lignum, but I believe that I would settle for boxwood if I make anymore.

Because a lot of my walking is done on pavement, I chose to use a rubber crutch tip on the ground end. They come in black and blond--the blond looked better on the dogwood walking stick, black might look better on a different wood.

Rather than try to make the wood of the stick blend in perfectly with the brass coupling, I placed a bead on either side of the coupling. This gave the coupling a shoulder to butt against and gave a perfect fit. The wood above and below the beads was turned to look like a continuation right through the coupling. I also felt the stick should have some form of texturing for a better grip in the grip area. I toyed with a couple of different ideas, but finally settled on a section about 9-1/2" long made up of 1/4" beads. I have a Robert Sorby beading tool that made this job fairly easy. This worked very well and I've used it to good effect on the other two walking sticks that I've made.

Making a Walking Stick, Fred Holder



Even though these pieces were only about 29-30 inches long, I had to use a steady rest to stabilize the wood for turning. On small things like lace bobbins and treen, one can normally stabilize it with their fingers. I simply couldn't do so on something this size.

The top part of the walking stick has no function other than decoration. However, the beaded section between the two large beads serves a very useful purpose of providing an excellent hand hold area. I made this section about 9-1/2" long because that was about right for my tool rest. I could bead the whole area without moving the tool rest. The join was made with two threaded pieces of lignum vitae and a 3/4" brass pipe coupling. The threads are 14 tpi chased with a die insert held with vice grips.



Harold Swanson, a friend who was helping me demonstrate and tend the booth at my last craft show, shows off one of my walking sticks in front of our booth.