



# Between Turns

Michigan Association of Woodturners

A chapter of the American Association of Woodturners

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## March 2012 Meeting...

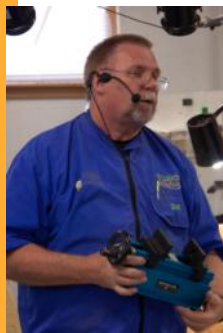
At the March meeting Bill demonstrated how he turns pens and bottle stoppers.

At the April meeting Ruby will be demonstrating Air Brushing.

MAW is Hosting Jimmy Clewes on May 19th & 20th. 50.00 for one day 90.00 for both days.

The MAW will be presenting a demo at Woodcraft on Saturday, April 21st from 1:00-3:00.

There will be an auction in July for



Wounded Soldiers . The auction is working with www.usacares.com. If you would like to donate a turned item for the auction your items are due by 6-15-2012. The Auction will be held at Kensington on 7-14-2012. We should have more information at the April meeting. Remember to sign up for the two day demo with Jimmy Clewes if you wish to attend. Cost will be 90.00 for the 2-day demonstration.

The clubs by-laws and rental agreement have been posted on the wall near the door.

Michigan Ohio Woodturners are hosting Allen Lacer on Saturday, March 31. 8:30-5:00. 109 East Adrian Street (US223) Cost is 35.00. Park Behind Building.

Contact Craig Demcon crdem@yahoo.com 517-902-8059

Blissfield MI\Bowl Turning, Sharpening, Box Making, Skew, Hook Tool, Finishing. Jeff-



Some of Bill's bottle stoppers.

## Upcoming Dates

### 2012 Meetings :

April 1	May 6	June 3	
July 1	August 12 Picnic	September 9	October 7
November 4	December 2 Holiday Party		

### 2012 Mentor Weekends :

April 14	May 12	June 16		
July 14	August 18	September 22	October 20	November 17
		December 15		

-Meetings are held monthly on the first Sunday of each month from 1:00 pm - 3:00 pm at Paul Beemann's 2075 East Rattalee Lake Rd Holly MI 48442.

-May 19-22 Jimmy Clewes 2-day Demo & 2-day Workshop

-June 8-10 AAW Symposium, San Jose

-August 3-5 Chicago Symposium



# Show and Tell Table

- Paul Beeman - Maple Burl Bowl
- Dan Sykes - Norfolk Island Pine Vessel
- Ruby Cler - Tiger Air Brush Painting
- Dave Sykes - Birch Twig Pots
- Don Faulkner - Curly Maple Box with Cocobolo Insert
- Gary Smith - Segmented Aspen Vessel
- Denise Stange - Two Walnut Bowls
- Richard Rowland - Locust Vessel with Leafing
- Richard Rowland - Cherry Vessel
- Tom Mogford - February Demo Pepper Mill



Please make sure to sign the show and tell sheet so credit can be given.

# Bill Magee Pen Demo *Part 1*

## Bill Magee Demo - Pens and Bottle Stoppers

Keep Bushings in labeled tubes. Tubes were purchased from Tom's Wife.

Pens can be turned from many materials including Wood, Corn Cob, Stone, Denim, Antler (Compressed Hair), Steel, and Algae.

A pen mandrel is needed to mount the pen blank on the lathe. These can be purchased for around 12.00. Bushings designed for the pen kit you are using are also required. Each vendor's kit can also require a different bushing. So make sure to buy your bushings and drill bits when you buy your pen blank. Spacers will also be needed to fill up the space not taken up by the pen blank and bushings.

You can also purchase adjustable mandrels so that you do not need spacers. Penn State Industries (PSI) sells 7/8" spanning wrenches.

When drilling your pen blank make sure that you clear your bit frequently. Pen blanks are turned fairly thin; the heat from drilling can cause the blank to crack. Once you finish drilling the pen blank, dry fit the pen tube to ensure that it fits and that your blank is not too short.



***Cut your blank slightly larger than your tube.***

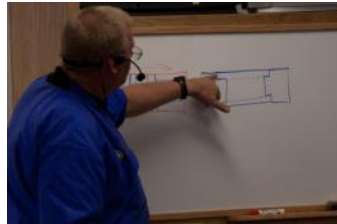


## Bill Magee Pen Demo *Part 2*

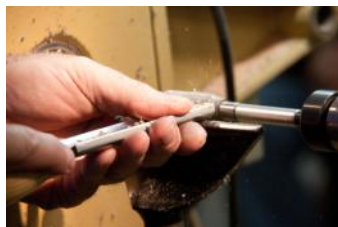
Five minute epoxy works well for gluing tubes in pen blanks. CA glue has a hold-life of ten years, so it is not the best choice. Be sure to sand the outside of your pen tube before gluing. This will provide groves and nicks for the glue to grab onto. A 40 caliber gun cleaning brush works well for cleaning out any dried glue inside your pen tube. After the glue has dried you can use a pen mill to quickly remove the wood to the edge of the pen tube. A de-burring tool can be used to clean the inside of a tube after milling. Be very careful when using a de-burring tool, they are very sharp and you can cut yourself.



For the demonstration Bill used a Buckeye Burl with brass sheets glued into the blank. Mount your blank on the mandrel between the bushings for your pen kit. Use spacers or other bushings to fill up the mandrel. Finger tighten for snugness. Do not over tighten the mandrel or it will bow and your pen will be out of round. Rough turn your pen blank in to a cylinder. Turn the ends of the pen blank down to the bushings. Turn the middle to your desired shape. Shapes can be curved, straight, beads, and grooves. Sand your pen blank. Apply sanding sealers to seal the wood and clean out the pores of dust. Bill uses Mylands friction polish to finish his pens. 3M makes a film that is good to smooth out your finish. Bill then applies carnauba wax to the blank. Followed by a coat of renaissance wax.



**Each pen kit requires its own drill bit and set of bushings. These can vary between vendors. Make sure you have the right bit and bushings when you buy a new kit.**



## *Bill Magee Pen Demo* *Part 3*

Once the finish is dry you can assemble your pen kit. Bill uses a pen vise to assemble his kits. He has cut a number of plywood spacers to ensure that his vice presses the pen kit to the correct depth. Follow the directions that came with your pen kit when assembling your pen blank.

Websites for Pen Supplies:

[www.woodcraft.com](http://www.woodcraft.com)

[www.rockler.com](http://www.rockler.com)

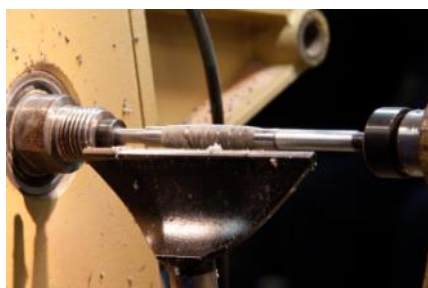
[www.woodturnerscatalog.com](http://www.woodturnerscatalog.com)

[www.arizonasilhouette.com](http://www.arizonasilhouette.com)

[www.pennstateind.com](http://www.pennstateind.com)

[www.woodturningz.com](http://www.woodturningz.com)

[www.bereahardwoods.com](http://www.bereahardwoods.com)



***When drilling  
turn at a slow  
speed. Pull the  
bit out often to  
clear chips.***



***The bit gets hot  
as it drills and  
will expand and  
can become  
lodged.***



# Bill Magee Bottle Stopper Demo *Part 4*

Use a 1.5" blank. Mount the blank in the chuck. True up the end of the blank. Mark your 23/64" drill bit with white-out at the correct hole depth for your stopper. When drilling a hole in the blank let the bit find the center point. Do not lock your tail stock and force the bit into the wood.



*Bottle stoppers provide an opportunity to use nice figured wood cut-offs.*



Bottle Stopper Sources:

[www.torne-lignum.com](http://www.torne-lignum.com)

[www.woodturnerscatalog.com](http://www.woodturnerscatalog.com)

[www.woodcraft.com](http://www.woodcraft.com)

# Bill Magee Bottle Stopper Demo *Part 4*

A looser bit will find the center and drill straighter. Sand the end of the blank to 400 grit. Bill likes to use the foam backed sanding paper. Apply sanding sealer to the end of the blank. Manually tap the hole using a bottom tap not a tapered tap. A bottom tap will tap the hold all the way to the bottom of the hole. Bill is going to use Spalted Tameran for his bottle stopper. Mount the stopped blank on your stopper mandrel. Rough turn the stopper blank to a cylinder.



**Void being filled in with coffee grounds. You can fill voids in with similar colors or contrasting colors.**



Ed Davison Bottle Stopper Instructions:

<http://www.yoyospin.com/stopper/>

# Bill Magee Bottle Stopper Demo *Part 4*

For a pleasing shape Bill likes to turn the base of the stopper to roughly the same size as the mouth of the bottle. Turn the sides of the stopper to the desired shape. Rough turn the top. At this point you can fill any voids with coffee grounds, cover with thin CA, more coffee, cover with CA and then apply accelerator. The stopper can also be embellished with cachabon or Argentums rods. Sand from 150 grit to clean coffee grounds. Apply sanding sealer. Applying lacquer or deft will make the inserts stand out.



*You can accent the top of your bottle stopper with Argentium Rod or Cachabon inserts.*



Argentium Rod and Drill Bit Source: (Do not forget to order a drill bit.)

<http://www.riogrande.com/Category/Metals/104/Argentiumc2ae/4990>



# Bill Magee Bottle Stopper Demo *Part 4*

PSI Mandrel Saver PKMSTS2

2 7/8" Open Wrenches PKMWR

PSI Bottle Stopper Lathe Chuck 1" 8TPI PS-BS1-M

Spindle Adapter 1 1/4" 8TPI 191-5240

PSI Bottle Stopper Lathe Chuck PK-BS1-MJ



**Pepper Mill mechanisms come in various styles and sizes.**



Bill showed us how you can make your own cachabon inserts.

# Demonstrators Wanted



Anyone willing to demonstrate at the monthly meeting can contact Tom or Pete to schedule.

We have a number of talented members, so please feel free to share your talents with the club. There are some really interesting projects that members bring in each month for the show and tell table. Many of the club members would be interested in seeing how these projects are created.



## MAW Mentors

If you would like help getting started in woodturning or help with working out a problem, feel free to call any of the names listed. As always, there is no charge to members of the Michigan Association of Woodturners.

Tom Mogford .....	810-629-6176
Pete Buccellato .....	248-634-7622
Bill Magee .....	734-981-6117
Gary Smith .....	810-636-7167
Ruby Cler .....	519-945-0647

*Check out the new DVD's in the library including a Finial DVD from Cindy Drozda.*

## Photo's

Photographs for this months "Between-Turns" were provided by Jeff Scott

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



## Mailbag...

Roy Turbett found an article by Alan Lacer about turning bocce balls. Turning a bocce ball is a similar process to turning a croquet ball. The diameter of a croquet ball is 3 5/8".

<http://woodturninglearn.net/articles/bocceball.htm>

### MAW August Picnic 2012

We will be setting up a croquet field at this years picnic.

If you would like to join in the croquet match all you have to do is turn a croquet mallet and ball. The mallets and balls will be on display during the picnic and then used during the match.

The mentor workshops offers an opportunity to turn longer pieces such as the shaft of the mallet, if you only have a Jet Mini Lathe.



Standard croquet mallet size is a 36-inch shaft and mallet heads are usually 9 inches by 2 and one-half inches.

## The MAW is accepting submissions for the Club Newsletter and Website...

What would you like to read about in the club's newsletter "Between Turns"?

What would you like to see on the club's website <http://www.michiganwoodturner.org>?

Are you willing to write an article for submission please let Jeff know. Possible topics: woodturning, metal turning, wood-working, product reviews, or instructions for your latest project.

With your help we can help make the newsletter and website a better resource for our members.

Send your submissions, suggestions, or requests to Jeff at [jeffatwayne@yahoo.com](mailto:jeffatwayne@yahoo.com) or see me at the meeting.