Between Turns

Michigan Association of Woodturners

A chapter of the American Association of Woodturners

VOLUME 27, ISSUE 9 SEPTEMBER 2015

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INSIDE THIS ISSUE:

September 2015

Thank you Gene Laveroni for demonstrating Inside Out Turnings.

October's Demo will be Ted Gozdzialski - Kendama part 2

Food Bank of Eastern Michigan Bowl Event details:
Thursday September 24th
10:00 am- 2:00 pm
4:00 pm- 8:00 pm
$20
Www.fbem.org
FBEM-Hunger Solution Center
1938 Howard Ave.
Flint, Mi 48503
* 47 bowls donated

* tops needed- goal this year is 4000

* Roster was passed around for all to update for accuracy

* Nick Agar demo at DAW.....October 31st

* Pieces for fundraiser for The Play Place for handicapped kids needed

* event is October 22nd.

*raffles

The Ohio Valley Woodturning Guild Turning 2015 Symposium will be held October 9-11, 2015 at the Higher Ground Conference Center in Harrison, IN.

Please talk to Tom if you would be willing to demonstrate.

Thank you Gary and Roby for taking pictures and notes.

Instant Gallery Table

Upcoming Dates

2015 Meetings :

October 4, November 1, December 6 Holiday Party

2015 Open Turning :

October 17, November 14, December 19

-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.

-OVWG Symposium October 9-11

Instant Gallery

Thank you everyone that came to the annual picnic. It was nice spending the time socializing. Hopefully next year those that did not attend this year will be able to attend.

Gene Laveroni- Inside Out Demo


















Gene's Inside Out Turning.

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.

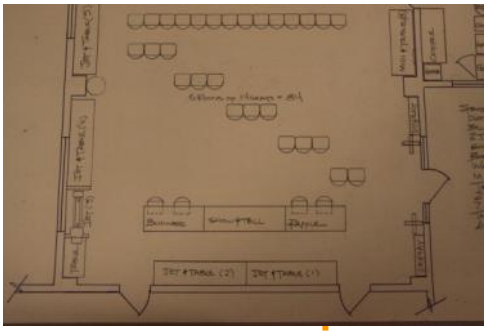
New Location Search

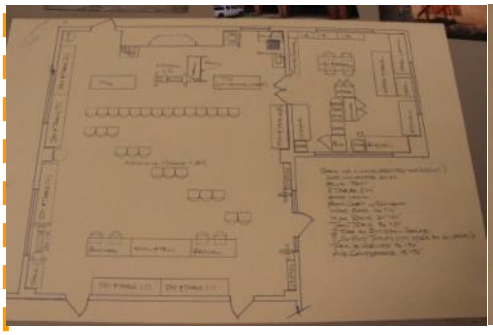
A site visit was performed at Bay Court. Dave Worden drew up a possible layout that would fit all of our equipment. The location could have a main room for the meeting and turning equipment. There is a second room which could house a kitchen area, club store, and the club library.

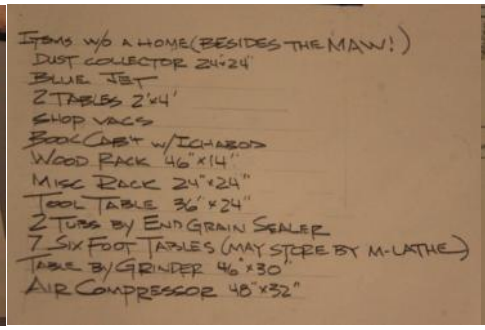
The club voted to proceed with discussing costs and timelines with bay Court. Rent and utility costs need to be discussed as well as what parts of the build-out the club can perform and which parts we will need to pay the parks contractors to complete.

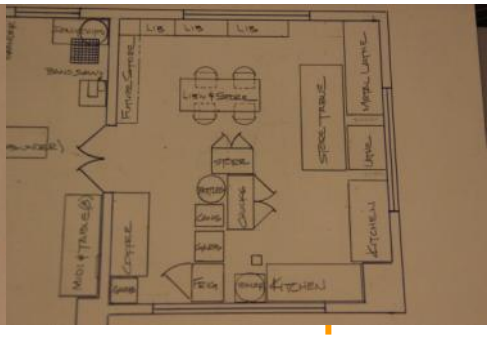
Members should continue to look for additional leads on a new location please provide details to a board member and we will distribute it to the committee leaders.

If you are aware of an available building or land the club may be able to purchase or use please let an officer know.









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.

MAW Open Turning

The Michigan Association of Woodturners sponsors a monthly Open Turning event for members. The workshop is typically held the second Saturday following the meeting. Check the Club Calendar for specific dates. This is a time for you to come to the club bring a piece of wood and turn something. People are there to answer questions and provide guidance. Feel free to try something new or bring in a piece you are having issues with. Cost is $10.00 and a lunch will be provided.

Tom Mogford …….	810-629-6176
Pete Buccellato ……...	248-634-7622
Bill Magee …..……	734-981-6117

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

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

Making a Threaded Needle Case by Fred Holder

I've made a number of needle cases over the years and made one for my wife some time back. She was very pleased until she found that when she dug around in her sewing basket, the lid could come off and dump her needles into the basket.

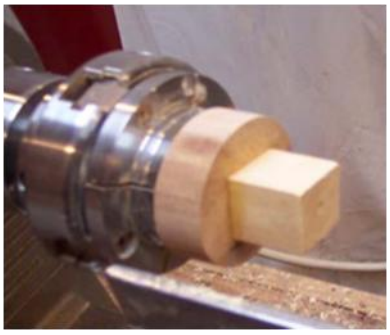
Until I obtained the Ray Isles thread chasers, none of my chasers would enter such a small hole as is needed for the needle cases.

When I started to make one of these, I tried to use the Nova chuck with the 25mm jaws to hold the pieces while threading. This worked fine for the lid, but I had troubles with the wood moving in the chuck when trying to chase the outside threads for the body of the case. I solved this problem by turning tenons on each end of the blank and gluing on a two inch disk to be grabbed in the 50mm jaws of the Nova chuck as shown below.

The blank with two disks glued to the ends for greater stability when threading.

Although it is not needed on the lid side, it is easier to set up the pieces for use in the same chuck. This solved the problem of having the body of the needle case move while chasing threads.

The next step was to part off the lid and mount it in the chuck for drilling and threading. I thread the lid first whenever possible. In the photo below the lid section is shown in the chuck before drilling.



The lid is ready to drill with a 7/16" drill to a depth of about 1/2".

Threading the hole in the lid with the inside chasers.

Drilling the 5/16" hole to hold the needles. It can be drilled before or after threading.

Drill a 7/16” hole in the lid section that is about 1/2” deep. Then round over the front edge of the hole and cut a recess in the bottom of the hole to allow the chaser to cut a clean thread before it would hit the bottom of the hole. When the threads are satisfactory, you are ready to mount the base section for drilling and threading of the tenon that will be threaded.

Threading the tenon on the top of the base section.

The sizing of this tenon can be calculated from the information supplied on the illustration on page 6 of this issue. For this case (with a 7/16” recess in the lid section) the tenon should be slightly over 1/2”.

I found that a 1/2” tenon cutter would cut a tenon just slightly over 1/2” and would work well for sizing the tenon on this project. I cut a tenon about 3/8” long with the tenon cutter and then cut away the excess down to the tenon. I then used a thin parting tool to make a recess at the rear of the tenon and rounded over the front edge, before hand chasing the threads. Incidentally, the threaded section is 16 tpi.

On this project, I drilled the 5/16” hole for the needles after I had chased the threads, but it can be drilled just as well before cutting the threads.

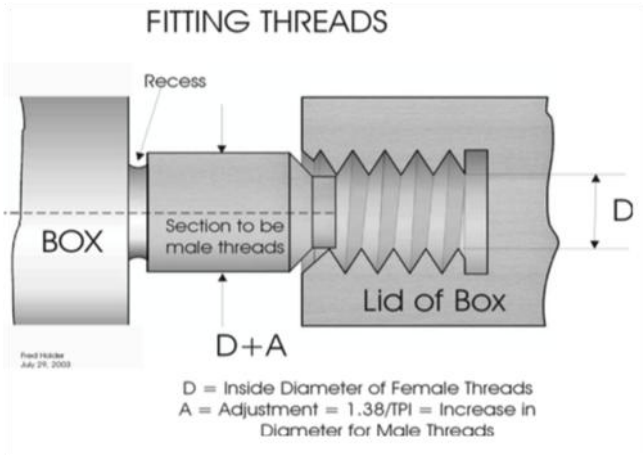
With the threads cut and the lid fitted to the base section, it is time to final turn the outside of the needle case and put in a few decorations with a point tool or a skew.

In this photo, the outside of the needle case has been turned and it is ready to part off just in front of the disk holding it in the chuck.

This is the completed needle case. I simply sanded the base smooth after parting off.

I like to put a bit of a shallow curve to the outside of the needle case. It seems to me to give it more elegant look than if it is just straight sided. You can also put some sort of decoration on top of the lid, which I do sometimes. However, Mildred likes the smoother top and since she is the one who will be using these things, that is good enough reason to make them smooth.

This drawing illustrates how to calculate the size of the tenon for the male threads when the diameter "D" of the inside threads are known.



If you don't have any boxwood or other hard, dense woods, you have two other options. You can use material such as Corian, which threads very well. Or you can cut recesses in both the top and base sections and pour it full of epoxy.

The finished needle case with the lid removed.

A needle case made from Corian. Corian threads very well. This one was not held with the disks, but only in the 25mm jaws of the chuck. I broke off the threaded tenon once and had to shorten the case.

Epoxy also threads very well. I first learned of this technique from Petter Herod of Norway. I've found that a 3/8" tenon cutter that I have works well to cut the recesses for the epoxy, but make sure your epoxy is mixed thoroughly. It must set up properly to work well.