

### Contact Us

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## Meeting Announcements



Dennis Liggett signing the MAW Club lathe after his demonstration.

It turned out to be great weekend with Dennis Liggett and all the interesting things he shared with our club members that attended.

On Saturday Dennis opened with a little Biography of himself and then immediately got into the use of the skew chisel. Since most turners are somewhat intimidated by even the mention of the skew, Dennis shared many good pointers of its use and made it look a lot more friendlier.

Dennis talked about 5 things that make the skew either hard or easy to use.

- Width of skew
- Thickness
- Angle

- Angle of top
- How you grind it

Dennis spent the remainder of the first day showing the members all the different types of spindles with twists and how to set up the layout lines to do twist work.

Members got a first hand chance to see some really great twist work. Seems like Dennis has a twist for just about everything.

Probably the most interesting twist he demonstrated was the two-tone twist. This twist used a special drill bit that is used to hollow out rifle barrels. The drill is hollow and while one is drilling, compressed air is continually blowing out the chips and sawdust from within the hole. This leaves a very accurate and straight hole. I will be posting in the next newsletter the vendor list that Dennis uses to obtain some of these specialized tools.

Towards the end of this newsletter I will try to convey with pictures and words the process Dennis used to turn a very unique salt shaker. This is one clever salt shaker many members showed an interest in wanting to turn.

Enjoy the other pictures that will also be found throughout this newsletter.



Salt Shaker by Dennis Liggett

## Meeting Notes

### Dues:

\$95.00/year. This covers local and AAW dues..

Remit at the December meeting or by mail to:

Tim Morris, Treasurer  
1673 Woodlake Circle  
Brighton, MI 48116

### Meetings:

will now be held from 1 – 3 p.m. on the first Sunday of the month at the workshop of:

**Dave Gordon**  
10621 Milford Rd.  
Holly, Michigan 48442

## NEXT MEETING

**October 7, 2007**



Some samples of Dennis Liggett's twisted spindles.

The upcoming October meeting will have Mike Foydel the president of the Detroit Turners club demonstrate his powered thread cutting unit. Several other powered threading units will be on display along with samples of the work one can do with them. This will be a great opportunity for members to view, ask questions and obtain information about powered threading.

Bob Shepard will also be bringing in his Rose Engine ornamental turning lathe to give members a demonstration on this aspect of woodturning. This type of machine is becoming more and more popular with today's woodturners and should provide us with a most interesting demonstration.

## \*2008 Dues\*

Attention all members. That time of year is creeping up on us again. 2008 dues will be expected starting at the October meeting and must be paid by the first of the year. This years dues will also once again include the AAW dues along with the local chapter dues paid together. Please remember our chapter is a 100% AAW chapter.

**Total for 2008 dues is \$95.00.** \$45.00 for AAW dues and \$50.00 for your local chapter dues.

Please remember that the dues you pay let us bring in guest demonstrators, purchase club equipment, add materials to the club lending library, pay for meeting facilities and keep you informed through the web site and club newsletter. Thanks to everyone for keeping current.

## 2008 Nominations For Club Officers

Nominations for club officers will be held at the October meeting. Election of officers will take place at the November meeting. The club will be also be looking for someone to fill the position of "*Club Photographer*". If anyone is interested, please see one of the current officers.

## Email Updates

If you change your email address, please notify the club secretary so that the club roster and newsletter mailing will be current. [rroehrig@charter.net](mailto:rroehrig@charter.net)

## Calendar

The calendar listings are an attempt to keep you up to date on upcoming MAW events, as well as other events of particular interest to woodturners.

- **October 7, 2007 — MAW monthly meeting..**
- October 7, 2007— Mike Foydel demonstration on Power thread cutting.
- October 7, 2007— Bob Shepard demonstration of Ornamental Turning.
- October 11— 14, Turning 2007 Symposium in Ohio.
- October 20 & 21, Michael Hosaluk demonstration. Northwestern Michigan AAW chapter.

## 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 below. 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 (Pen Turning)734-981-6117

Herman Spaeth...248-486-4720

John Becker (mugs, goblets, pipes)...248-851-0437

Bob Shepard (ornamental turning, seg-



Dennis explaining his turquoise inlay procedure on hollow forms

## New Faces



Ray Frase has joined the club at our last meeting. Please introduce yourself and make him feel welcome.

## Photo's

Photographs for this months "Between-Turns" were provided by Bob Roehrig. 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:

[rroehrig@charter.net](mailto:rroehrig@charter.net)

## Trent Bosch Demo

The Michigan Association of Woodturners will be hosting Trent Bosch on January 19 & 20, 2008. Costs will be \$75 for the 2 day demonstration or \$40 for one day. Breakfast and lunch will be provided both days. There will possibly be a hands on if enough people are interested. Further details will be forthcoming.

## Turning 2007 Symposium

Hello to all

As you know we are having our 5th turning symposium in Cincinnati October 12, 13, and 14. Each time we do the symposium we have turners who are attending the symposium do a 75 minute "guest demonstration". This is a short demo by the attendees on some aspect of woodturning that they feel comfortable doing in front of an audience.

In return for the demo we give the guest demonstrators their food for the weekend, about an \$80 value. If they have already paid for the symposium we would issue a refund. I am writing to ask if you could announce to your members who are attending our symposium if any of them would be interested in being a "guest demonstrator". We have 4 openings as of September 12.

If they are interested please contact me 513-771-5205 or [dmorrical@aol.com](mailto:dmorrical@aol.com) with a title and a few words of describing what they will be doing.

David Morrival, Ohio Valley Woodturners Guild



Dennis explains the gluing up process of the turquoise inlay.

# Upside Down Salt Shaker

Procedures by

**Bob Rochrig**

## Supplies

- 1/8" Parting tool
- Thin Parting tool
- Skew Chisel
- Detail gouge
- 1/8" Twist drill
- 4 Jaw chuck
- Jacobs chuck
- Sandpaper of various grades
- Finish of your choice
- CA Glue

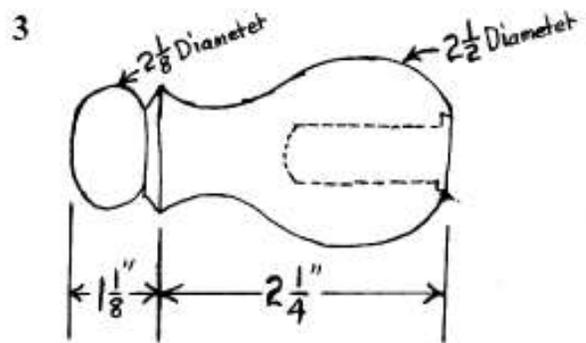
The "Upside Down" Salt shaker was demonstrated to the club by Dennis Liggett at the September 9th demonstration. I have described the procedure with added pictures to help you recollect how Dennis made this fun project.



1  
Begin with a 3" x 3" x 6 1/2" blank of your choice of wood. This should be Kiln dried wood. **DO NOT** use green wood.



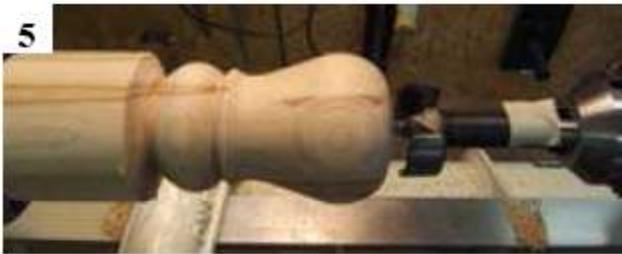
2  
Rough the blank to round between centers and cut a tenon on one end. Mount the piece in a four jaw chuck and bring up the tail stock for support.



3  
Layout dimensions for the body on the wood and begin to turn to dimensions. Any design will work. Make sure bottom of shaker is toward tail stock.



4  
Sand shaker to desired smoothness.



Using a 1 1/2" forester bit, bore a hole about 1 5/8" deep. This hole can also be cut using your gouge if you prefer.

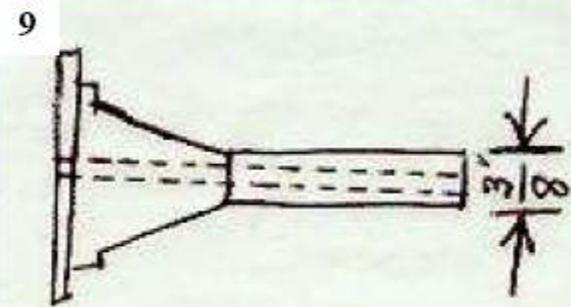


Refine top some more and part off. We will finish the top after the bottom plug is cut and fitted.



Using a round nose scraper or whatever is comfortable for you, cut a dome on the top of hole you just drilled.

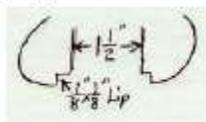
## Make Plug Insert



Face off the end of the blank you have left in your chuck. Cut a funnel about 7/8" diameter and 3/8" deep into the end (pic. 10). This will be for filling the shaker with the salt. I like to use a skew chisel to do this. Leave a small indentation for the 1/8" drill bit to center in at the bottom of this funnel.



Using a 1/8" parting tool, cut a small 1/8" wide by 1/8" deep lipped recess in the end.



Take a 1/8" twist drill and place it in a Jacobs chuck in your tailstock. Mark the drill depth with masking tape 2" down. Use a medium speed on your lathe and feed the drill bit into the wood by pushing the entire tailstock instead of using the hand wheel to feed. This will give you a more accurate and straight hole.

Install a larger cone on your tailstock live center (pic. 11) and bring it up into the funnel you previously cut. This will give added support as you finish turn the rest of the plug.

Measure the diameter of the lip off the main body of the shaker. Turn the outside diameter of the plug to this diameter. Check fit this using the main body of the shaker. This must be a fairly tight press fit.

Next turn the small inset step on the plug. This diameter must be the same as the 1 1/2" hole on the main body. Measurements that are listed on the drawing are only approximate. You must use your dial caliper to get exact diameters for a good snug fit. See photo 11 below for a detailed picture of the inset steps.



11

Taper down the inside of the plug as shown in picture 11 and blend it into a shaft that is about 3/8" in diameter. Again, this is only approximate. Slight larger will not hurt, but do not go any smaller.

This next step is a critical measurement and must be done accurately for the shaker to function as it was designed to. Using a depth gauge, measure the depth of the hole in the main body of the salt shaker to the center inside the top of the dome. Subtract 1/2" from this measurement. This will be the length of your insert plug. Transfer this measurement to the insert plug and part off at this line using your parting tool. This part off **MUST** be square. Remember to also pull your tailstock support back when parting this off so that the wood will not catch. Clean up any small burrs with fine sandpaper to make sure the 1/8" hole is cleaned out thoroughly.

12



Reverse chuck the main body of the shaker using long nose jaws on your chuck if you have them. If you don't, make yourself a jamb chuck from scrap wood to fit into the 1 1/2" hole so that you can finish turn the top of the body. Finish turn the top to shape and sand.

You may now apply a finish while your main body is still mounted on the lathe if you wish.

Check fit the plug insert into body. If all looks good, use a medium CA glue and glue insert into body.

Apply finish to bottom of insert. Fill with salt and give it an up and down shake to disperse the salt.