

McShavings

March 2010



DETROIT AREA

A monthly publication of:



Special points of interest:

New DVD's and books in the library

Advantages of DAW membership.

10% off

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A message from the President

We had our first “Embellishing your Work” presentation from Greg Smith and Ron Sztumerski on adding color to your turnings. As always , an outstanding job.

In following the theme for the Spring Demos, We are arranging for an All day Demo by Jennifer Shirley. She has demonstrated at all the big Woodturning shows as well as being an Instructor at Marc Adams School of Woodworking. Her demonstration to DAW will be on Wednesday, May 12,2010 at the Shadbush Nature Center from 10:00 till 4:00. Cost is \$20 and includes Lunch.

Jennifer’s specialty is decorating bowls. Her partner, Clay Foster who has different techniques for embellishing turnings, will accompany her. They get high praise from those who have seen them demonstrate.

March meeting demo will be on using inlays and Inlace to add color and Designs to your turnings.

May’s meeting will discuss Carving tools and techniques to embellish your turnings. A group of demonstrators will be on hand to show you a broad range of decorations.

We want to wish our departing 1st Vice President, Dennis Montville our best wishes as he moves to Indiana. He has been at the leading edge of developing new tools, techniques and decoration to woodturning and has shared his works with the DAW members.
Good Luck Dennis.

Russ



Detroit Area
Woodturners
is a member of
The American
Association of
Woodturners
(AAW)

Testing and Cer-
tification of
Lead
Content in Chil-
dren's Products.
See the State-
ment of Policy
here:

[http://
www.cpsc.gov/
about/cpsia/
leadpolicy.pdf](http://www.cpsc.gov/about/cpsia/leadpolicy.pdf)

Woodturners walking around!

Don't get enough turning talk at the once a month meetings? Several of our members meet on Tuesday mornings at 8am at the Avenue Restaurant at 13 and Woodward. Join the group for breakfast as they talk about turning, they have been doing so for some time. Chime in with the likes of Harry Velik, Harold Green, Greg Smith, Bob Daly, Russ Holmes, to name a few and fill the void between turning meetings.

By the way, word has it you can get a breakfast special (with tip) for under \$7.00.

Penturning corner

As mentioned in last months newsletter, on Feb, 28, 2010, we had a meeting at my home, of the Michigan chapter of the IAP (international association of pen-turners). For those who are not aware, there is a website called IAP or penturners.org. It is an international, interactive site where people who turn pens gather to trade information and dialog on the topic of pen turning. Personally, I am addicted to this site and visit at least daily. The people are some of the best human beings I've met, eagerly willing to share, downright, good honest people. I have been a member for about 6 years now and consider many like my family, One interesting thing is more than half that attended belong to the DAW. Below is how Jim Fischer (IAP Michigan Chapter team leader) described the meeting:

It started about 1pm, though some arrived early traveling from as far as two hours away.

The CA finish demo was very good. Glenn had turned a blank before hand, but left it un-sanded. The demo started with sanding, then CA-thin, sanding, CA-thin, sanding, CA-medium (3 times), then a jump to the buffing wheel. What a fantastic finish - much better then anything I've been producing ... I think the buffing wheel makes a big difference.

The sharpening demo got several of us some nicely sharpened tools. We had a good discussion regarding honing stones and grinders.

We are tentatively scheduling the next meeting for the 4th Sunday in May (5/23) at Victor's place. Check out the 'Next Meeting' note for the details.

Thanks to everyone who attended ... we missed all of you who couldn't be there.

...Jim Fischer

Pen by Mark Maddock



New members and visitors



Welcome!!!!

These are your officers and department coordinators, don't hesitate to contact them, they're here to help!!

Officers:

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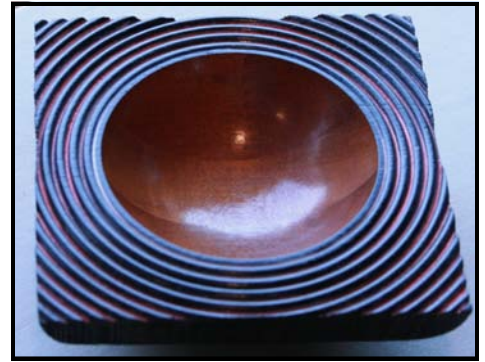
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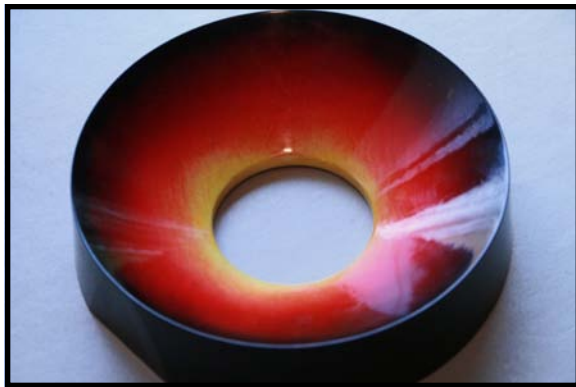
Demo Recap..."Color Presentation" by Greg Smith and Ron

- In the first of a four part series on enhancing your turnings, Greg shares his airbrushing basics and techniques while Ron gives us hints on a variety of dies and stains and their capabilities.
- You can see the full demo outline on the DAW website by visiting this link: <http://www.detroitareawoodturners.org/resources.asp>
- See more photos of their demo on the next page.



Color an Element of Design

- Start with the Form then add
 - Your Signature
 - Look Past the **Function** to Express
 - Your style
 - Your voice
 - Story to tell



Twice Turned Vase (objects)by: Loel Gnadt



The first step is a board that is flat and equal thickness throughout. How big? See "About the Math" later in article. Mount it on a large faceplate or onto another trued and flat board (mdf), that is mounted on a faceplate. You may wish to place additional (sacrificial) wood surrounding your work piece, so as to not be cutting air between corners or for counter weight, if you decided to turn your work piece off center. Sacrificial wood, if tight to your work piece, may also help with the edge not chipping. A sharp tool goes a long way here, as well.

Next design. If you want color contrast, you may wish to first color the top surface before turning. Now have fun and turn in your design. If you leave some of top surface throughout your design this may aid in making accurate cuts when you get to the saw. I put on some finish at this point as it eased the removing glue squeeze-out later. At this point it should look like Figure A. "Turned Once"

Remove from mounting and it's over to the saw. Set band or table saw table/blade to cut at 30 degrees for all the following steps. I did three saw set-ups to cut the 6 equal width pieces. First cut is to set up a trimmed edge at the original 30 degrees. See figure B1. Second set-up was to cut the 6 equal width pieces. How wide? See "About the Math" later in article.

Due to the design of my saw fence, I had to turn the turned side down one of the last two set-ups, which is why I stressed leaving high spots throughout. I set my fence to cut top surface to my desired width dimension and cut all 6 pieces. At this point the end of (5 of 6) each piece should look like a parallelogram. See figure B1. The third set-up is to cut and leave 60 degrees to the top surface being careful to not cut away any of your top surface design. See figure B2. At this point you may wish to trial fit the pieces together into hex shape, like in figure C and fix any problem joints. To assemble and glue I started by laying down several strips of masking tape. Then, I carefully aligned each piece one at a time, turned top surface side down, on the tape strips.

Again, I did a trial roll up the taped assembly, to see if the joints are aligned properly into the hex shape. If everything's OK, then spread Tightbond of your choice on all joints, roll up and clamp. I clamped by using a number of rubber bands around the hexagon.

After glue is dry remove rubber bands and tape. At this point, you may want to remove any glue squeeze-out on the outside. At this point true up each end of the hexagon cylinder. For your project you may drill out or add top and/or bottom. For the vases I showed at the January meeting I added a flat piece (less than 3/4") on the bottom for a base, and a larger piece (2"+) on top for the neck of the vase. Then, turn to a final designed piece. "Turned Twice"

Apply color and finish of your choice. Sign and date your work and bring to club 'show and tell'.

Continued on page 7...

The source of the Color-wood is Rutland Plywood Corporation
<http://www.rutply.com/>

Twice Turned Vase (objects) by Loel Gnadt...continued

About the Math:

The board thickness can vary... I used 1" on the vases. The length of your project will determine the height dimension. Now, to calculate the width of the sides. Does the word trigonometry scare you? OK, for this hexagon project I'll make it simple. The first restriction in sizing a piece on a faceplate is the size of your lathe. Take the distance between the bed and center of spindle and multiply by 1.41. This is the largest square piece centered on your lathe you can turn. Example; most mini-lathes are 6" between spindle and bed $6" \times 1.41 = 8.46"$

To get your total board width you begin with, you may consider the 'effective' saw kerf. What do I mean by 'effective'. At a 90 degree cut the 'effective' kerf will be equal to actual kerf, but at an angle cut at the top surface it will be wider. See figure K. If a work piece dimension needs to be very accurate, this is important. For instance my band saw kerf is 0.6" but at 30 degrees the 'effective' cut is 1.155 times that, or 0.693". So the 5 kerf cuts between the 6 pieces will be $5 \times .693" = 3.465"$. Results are almost 1/2" larger than if the actual kerf was used (3.0"). The wider the blade kerf the wider your possible error, if you miss this factor. So don't cut your-

self short (pun intended). Different saw cut angles would use different multipliers.

If you want to make a project a certain hex size based on point-to-point dimension, divide by 2.0 to get the width dimension of each side.

If you want to make a project a certain hex size based on flat side to flat side dimension, divide by 1.732 to get the width dimension of each side.

Example; Say you want to make a peppermill with the clearance needed for the insert of $1 \frac{3}{4}"$ and a wall thickness of $\frac{5}{16}"$. $1.75" + .625 (.3125 \times 2 \text{ sides}) = 2.375"$ peppermill width. Each hexagon side width would be

$2.375"/1.732=1.37"$ according to my slide rule.

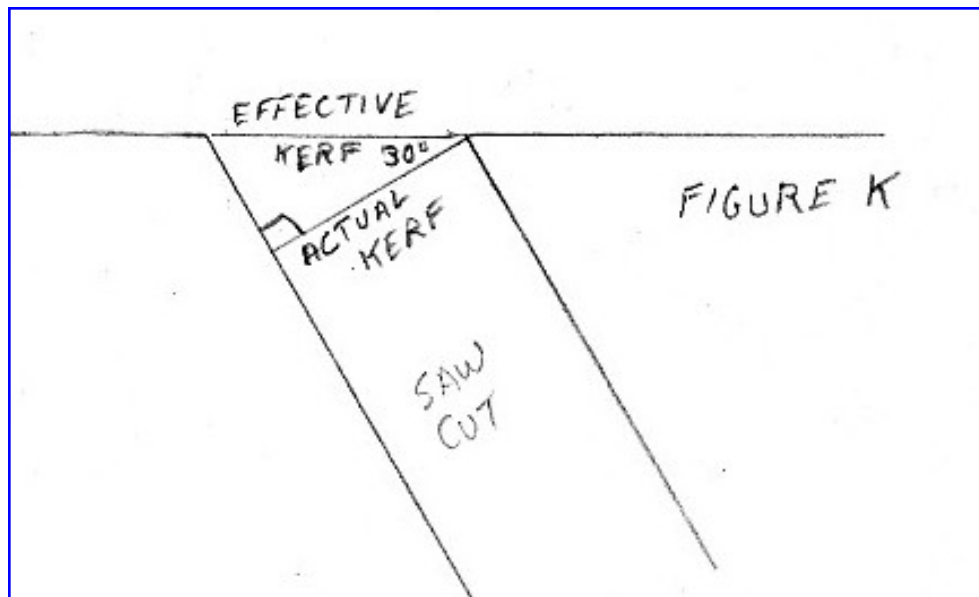
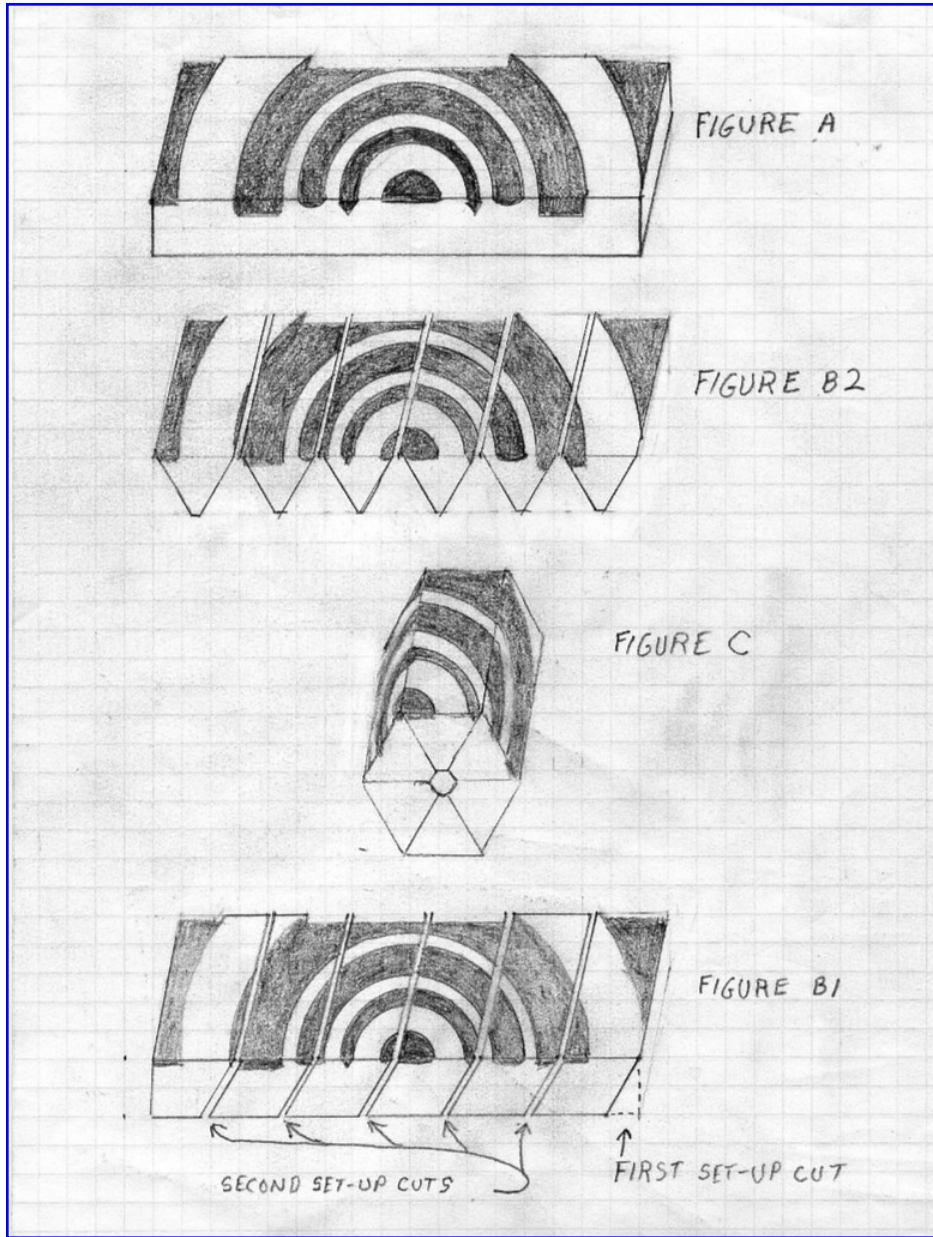
Now, if your project board calculation exceeds your lathe size, you've got to find a wood turning buddy with a bigger lathe!

See diagrams on next page...

Any Questions?
Contact Loel @
cynical-
bob@wowway.com



...Continued
from Page 7



Save the Date**March 14th**

BAW meeting

March 21st

DAW meeting

Library News!!**DVD additions to the library:**Hollow Turning by :
David EllsworthThin Wall Turning by:
Binh PhoSurface Design on Thin
Wall Turning by :
Binh PhoWoodturning Work-
shop 1.1 with Tim
YoderWoodturning Work-
shop 2.1 with Tim
YoderIntroduction To Air-
brush by:
Debbie Eastlack**Book :**Just how much
Scrap Lumber does a
man need to save?
by Janet Martin
& Suzann Nelson

Detroit Area Woodturners meet at the Shadbrush Nature Center, located in the Shelby River Bends Park in Shelby Township, Mi. from 2 p.m. until 4:30p.m. The park is located on Ryan Rd. between 21 and 22 mile roads, across from the Hamlin Road junction.

**HELP WANTED:**

One newsletter staff member to assist with acquiring interesting woodturning material from available sources such as the internet, the AAW website, local or national turning exhibits and shows, etc.

Resource material should be current and interesting to the general DAW membership. Writing and/ or research experience helpful but not required, editing of submissions will be available.

Contact the DAW newsletter editor @ gmccullough79@ Comcast.net

Advantages of AAW membership...Current AAW Discount Code: **AAW0001**

Merchant - website	Phone	Discount Information
Woodchucker's Supplies	800-551-0192	Use AAW discount code - free shipping up to 10% of purchase value.
Marc Adams School of Woodworking	317-535-4013	Use AAW discount code - 10% discount on any workshop(s) tuition, exclusively for AAW members only. This offer is good for sign-ups between January 5 to October 1, 2010. Please call (317) 535-4013 to ask for discount.
Bow River Specialty Woods	866-795-3462	Use AAW discount code - Bow River Specialty Woods is proud to sponsor the AAW members with a 10% discount on orders that will encourage the growth and success of woodturning Community.
Exotic Woods USA	631-651-8651	Use AAW discount code - 15% Discount on all items. Your online source for 'Fine Woods of the World'. Over 100 Species. BLANKS: Pen, Knife, Bowl, Spindle, Cue & Peppermills. Plus Burls, Burl Caps & Boards.
Rockler Co.	800-279-4441	Use Merchant discount code: "V0401" - 10% off discount to members with coupon code. Offer expires 2/1/2011.
Anderson Ranch Arts Center	970-923-3181 x 215	Use Merchant discount code: "AAW" - 25% discount on any one or two week 2010 summer workshops (June 7 through September 24, 2010).
Grainger Industrial Supply	800-237-3174 x 384	Use Merchant discount code: "865730188" - Registration (link to the left) is required - "My company (AAW) already has an account...". Or, call number to the left and speak to John Cosenza to set up account and place order. Free shipping and other discounts available to AAW members.

- In support of our 2010 membership drive, Betty Scarpino has created a new one-page brochure that describes the main benefits of membership. Print a copy and give it to a friend - http://www.woodturner.org/AAW_join.pdf

Show and tell



Ray Frase (above) explains how this actual size civil war canon replica (below) was made.

Mike Foydel (below) shows some platters and a carved lidded box. We saw a preview of it in last months Shavings.



Show and tell



Show and tell

Jerry Bufalini



John Vekovius



Glenn McCullough



Jim Scarsella



Mark Maddock



Show and tell

John Sabina



Mike Foydel



Mike Foydel



Faces In The Crowd



Faces in the Crowd



Visitor TOM!



Good luck, Dennis!!

