



President's Corner

I hope you are all getting ready for the Mark St Ledger Demo on April 25th; we are looking forward to our first guest demo session at the Nature Center. We have purchased and received our new club lathe; there is a picture of it on the web site. It is a good configuration for our club to use and easily transport to different events. We will be using it for our regular meeting demo on April 18th when Ruby will be showing us how she makes those great goblets.

Our bowl project is generating a lot of interest in green wood bowl turning and all the mentors have been showing their learners how to turn bowls and save them after rough turning them. Some of the methods for letting the roughed bowls dry out include Sealtite coating, Pentacryl, storing in a paper bag, soap solution, microwave and boiling.

For those with Internet connections there is sure a wealth of info available. For example Oneway has several videos to download showing how to use their Wolverine sharpening jigs check it out at www.oneway.on.ca

Woodturning on line (www.woodturningonline.com) has great articles for all levels of turners including a whole series on green wood turning like we are doing for the bowls.
Greg

DAW Annual Picnic/ Potluck -May 16, 2004

This year's potluck is scheduled for May 16th 12 Noon at Shadbush Nature Center in the covered picnic area next to the log building. We will have a sign up sheet to pass around at this month's meeting. Last years was a success and we all enjoyed the food and company. Guests are welcome. The regular meeting will start at 2:00 PM.

Designing a Basic Segmented Bowl Using a No-Math Method



The complete article is at [at:http://www.woodturns.com/articles/design/kevin_neelley/no_math_segment.htm](http://www.woodturns.com/articles/design/kevin_neelley/no_math_segment.htm)

The article is intended for the beginning segmented bowl maker. This is basically a "no math" or "graphical" maybe a "very little math" approach to segmented bowl design. The article includes three design sheets that will help the beginner through the design phase. Using these three design sheets, The author designed a 9-layered bowl using 12-sided frame-mitered rings. The webpage will walk you through the design steps.

The picture above is the bowl that is designed in the article. After you've read this, you can read more about how to make this bowl. You can also see the plans for a frame-miter table saw sled that makes perfect ring segments at the web site.

If you make a similar bowl and follow the steps, your bowl should turn out fine. Don't worry about the details of segmented bowl construction. Instead, spend your time thinking of an original design that you like.

The author expresses his confidence that experienced segmented bowl makers don't make bowls using all the steps in this article - but he believes it's a good learning approach. Experience will tell you how to modify the steps. Until you are experienced, you shouldn't modify the steps until you understand how the changes will affect the segmented bowl construction. Down loads available at the site include

Segmented Bowl Design Sheet & Instructions

Bowl Design Sheet (Figure 1 Sheet)

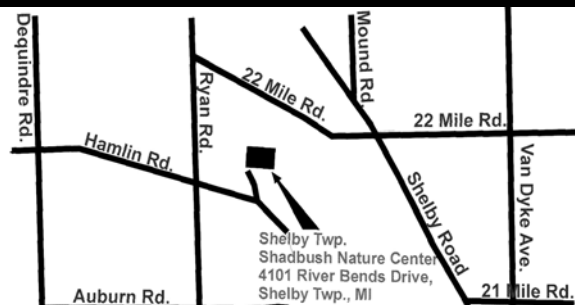
Segment Design Sheet (Figure 2 Sheet)

Note: This is a good way to get your feet wet in segmented bowl turning and determine if you desire to invest in the training or software to perfect this creative form of woodturning. If you want to advance to Gallery level quality and productivity, Bill Youngblood offers detailed software instruction with a class scheduled to begin on May 1. Details at www.boxesandbeyond.com)

Next Meeting on April 18, 2004

at the Shelby Shadbush Nature Center, Shelby Township, MI, from 2:00 to 4:00 PM. The nature center is located on Ryan Road between 21 and 22 Mile Roads.

Meeting highlight will be a demo on turning a thin stem goblet by Ruby Cler.



A Few Spaces Still available for the Mark St Leger Demo

If you've been considering attending the April 25 Mark St Leger demonstration, now's the time to make your commitment. You can still reserve a spot by calling Ray Frase (248 673-1022). This is a unique opportunity to see the next level of turning and pick up both basic and advanced techniques.

Mark will turn a series of small projects to insure they can all be completed on site. Primary emphasis will be on tool techniques. Projects will include:

- Executive Spin Top - spins at least 3 minutes
- Rocker Bowl - Turned on a bias
- Off-Center pod box - with standard chuck
- Lidded vessel - with hand chased threads

If these are completed within the allotted time, he's prepared with additional projects to insure a full day of learning.

The day includes refreshments at breakfast and lunch. DAW will make a video tape of the proceedings to add to our video library.

The demo will be at our regular Shelby Township Shadbrush Nature Center meeting site. Member cost is \$40 for the day, beginning at 8:30 AM for coffee and the demo beginning at 9:00 AM.



Off-Center pod box that Mark will demonstrate on April 25.

Our New Club Lathe has Arrived

Our new club lathe is a Delta 46-514, 14 inch swing lathe. It was selected for its modest price and ease of transport with its one-piece headstock-motor combination. It's easy to disassemble and move for use at special events like the Woodworking Show and Shadbrush Heritage Day.

One objective for the lathe is availability to some new club turners. They will be able to use it while they are deciding their level of turning interest and to aid their decision process on future equipment. This also gives the club a home for the lathe between uses. We will also equip the lathe with a selection of accessories.

DAW is looking for a member to act as "asset manager" i.e. be the "goto" person to manage where club assets (i.e. lathe or grinder etc.) are stored, and be the contact person when the assets are needed for club functions.



DAW Officers - Here to Help!! Don't Hesitate to Call

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DAW Mentoring

The mentoring program is off to a good start. At the February meeting, eight learners signed up for support from seven mentors. We picked up two more learners last meeting.

If you haven't been able to attend meetings but would like some help, send an email to Chet Bisno to be connected with a mentor.

As stated at the February meeting, the program recommendation is for a period of 45 days with three or more meetings...or whatever the two members feel is right.

This is a club courtesy, there are no fees. If there is a personality mismatch, let me know and we'll find a new alignment.

For experienced members considering sharing their expertise - I recommend that you do so. I've worked with two members over the last couple of months and I've learned as much as they have. Standing by the lathe offering suggestions has forced me to consider each bit of guidance, and even go back and check an occasional reference. It's also fun to get to know the new members.

CB

The Flexible Woodlathe

The other day I purchased a power miter box that included a dust collection bag. Since I have a fixed vacuum system I chose to connect the tool to the existing system. However, the 1 1/4" sawdust outlet diameter on the tool did not match the 2 1/8" hose to my dust collection. It only took an hour or so to turn the adapter.

DAW Logo Apparel

Reminder, DAW Logo apparel will be available at the April Meeting.

Item	Prices
Hats & T-Shirts*	\$13.00
Sweat Shirts*	\$19.00
Golf Shirts*	\$26.00
Jackets	\$53.00
*Add \$2.00 for 2XL and \$3.00 for 3XL	

The DAW Meeting Raffle

A regular feature of DAW Meetings is the raffle. Members contribute items of minimal value (to themselves anyway) for a general raffle. Tickets are sold at the beginning of the meeting at \$1 each, or two tickets for a \$1 to members wearing name tags. A drawing is held at the end of the meeting and each lucky ticket holder makes a selection from the contributed items. I know I've picked up some nice green wood and other miscellaneous items this way.

Lately, particularly the last meeting, contributions for the raffle have dropped off. This article seeks to highlight the benefits of supporting the raffle and encourage members to support the activity.

The obvious benefit is small gratification of getting something unique or unexpected for a minor outlay. But an additional benefit is a significant contributor to DAW treasury and the resulting low club dues. As I cruise the net visiting other turning clubs it's apparent we're about the least costly. The raffle is a key reason. It's not uncommon to see club's charge in excess of \$50 a year - and there's none of the unexpected gratification for those additional dollars.

Please keep the raffle in mind when heading out for DAW meetings.

The Many Ways of Measuring Wall Thickness

There are many reasons for measuring the wall thickness of your turned objects. Probably the most important is to achieve a uniform wall thickness in the entire object. This internet item at http://www.woodturners.org/tech_tips/frame_1.htm covers this in detail. Methods include: Your fingers, defects in the wood, sound from tapping on outside, sound from tool, bent wire (Ellsworth), calipers (regular), calipers (dial), light, and laser beams.

Retail Store Visit

Abrasive Brokers & Tool Supply

If you need abrasives of any kind, Abrasive Brokers is the place to go!! At a previous visit to Len Kraska's shop he demonstrated some small (~1/8") rotary grinding bits suitable for sharpening bandsaw blades - the grinding bits were purchased at Abrasive Brokers. That prompted a visit to this unique business

I visited the store at 1695 Rochester Road in Troy (just N of 15 Mile Rd.) last Saturday and it's a good thing I had plenty of time. The assortment of abrasives is mind boggling. The building may be a half acre of floor space. But the stock is so abundant that some of the aisles are as little as 15" wide with goods stacked 5 to 8 feet high. Grinding wheels (up to about 24" in dia.) dominate, but the stock is much broader.

There are drills in numerous configurations (including #2 Morse tapers), High Speed Steel cutoffs (\$2) suitable for cutting and regrinding into scrapers, files, assorted fixtures, sanding belts (also papers and discs), Diamond files, buffing wheels and compounds, cutting oil, bolts, taps, etc., etc.,

My prize find was a 1 inch by 8 TPI tap (\$23 - a good price) that will enable drilling and taping wood blanks to thread directly onto my spindle shaft - great for jam chucks and other light duty turning and finishing needs....without using a faceplate. Another find was 6" x 9" Scotch 3M burnishing pads at 85 cents each.

When you visit, I recommend you take a list of your needs, a measuring tape, a small scale, vernier calipers and even a measurement conversion chart to convert decimals to fractions. You might also review prices in advance for possible purchases so you have an idea of savings.

Note: This is the first of a series of visits to the lesser known retailers that may be of interest to DAW members.

CB

Join the American Association of Woodturners.

AAW is the glue that binds woodturners throughout the United States.

Membership includes a great quarterly magazine, a great reference website and your own annual resource guide with nationwide individual and business points of contact. We in DAW have already seen a major benefit through the AAW educational grant that funded the new club lathe.

Bill Youngblood in the Big Time

Bill Youngblood has a bowl featured on the AAW web site - click on 'gallery' then '2003 instant gallery'. Bill joins Kenn Osborne as DAW members earning significant AAW recognition. You can go direct to the '03 Gallery at <http://www.woodturner.org/sym/sym2003/photos/PhotoDisplay.cfm?record=70>



Bill's segmented bowl of cherry, padauk, and bloodwood featured in the AAW 2003 Gallery

Digital to Slides

For those who need slides made from digital images Ken Riedel has found one place that can do it, go to <http://www.slides.com/>

Kenneth Riedel

Bulk Buy at April 18 DAW Meeting

Len Kraska will be collecting Woodturner's Catalog orders for a bulk order at the April meeting. So make your selections from the catalogue - available at 1-800-551-8876 or www.woodturnerscatalog.com. If you don't have a catalog, call any club officer and we'll loan you one. There will also be a catalog available at the meeting. Bring your list and a check made out to the Detroit Area Woodturners, for the total amount of purchase. Don't include shipping..that's your first savings. If the order totals more than \$1000 the club receives a 10% to 20% discount; larger orders can bring larger discounts. You will be refunded your share of the discount when you receive your complete order. Len will submit the order when we meet the \$1000 minimum.

Orders will be shipped to Len's residence. Len will notify members by phone/e-mail when orders or backorders arrive.

Members must pick up their order at a DAW meeting as designated by Len (depending on receipt of the order) or Len's residence. Since Len doesn't have a warehouse, he will be forced to ship orders to your home if you fail to collect your order within a reasonable time.

Safety Sam Sez:

Lathe Safety is Critical!!

Over the last year, this column has covered several safety items, but not the lathe itself. Ten safety guidelines are listed on page three of the AAW resource directory. For those of you who do not belong to AAW, (you really should join) here they are.

Safe, effective use of a wood lathe requires study and knowledge of procedures for using this tool. Read and thoroughly understand the label warnings on the lathe and in the owner/operator's manual.

Always wear safety goggles or safety glasses that include side protectors and a full face shield when needed. Wood dust can be harmful to your respiratory system. Use a dust mask or helmet and proper ventilation (dust collection system) in dusty work conditions. Wear hearing protection during extended periods of operation.

Tie back long hair, do not wear gloves, loose clothing, jewelry or dangling objects that may catch in rotating parts or accessories.

Check the owner/operator's manual for proper speed recommendations. Use slower speeds for larger diameter or rough pieces, and increased speed for smaller diameters and pieces that are balanced. If the lathe is shaking or vibrating, lower the speed. If the workpiece vibrates, always stop the machine to check the reason.

Make certain that the belt guard or cover is in place. Check that all clamping devices (locks), such as on the tailstock and tool rest are tight.

Rotate your workpiece by hand to make sure it clears the toolrest and bed before turning the lathe "on". Be sure that the workpiece turns freely and is firmly mounted. It is always safest to turn the lathe "off" before adjusting the tool rest.

Exercise caution when using stock with cracks, splits, checks, bark, knots, irregular shapes, or protuberances.

Hold turning tools securely on the toolrest, and hold the tool in a controlled but comfortable manner. Always use a slower speed when starting until the workpiece is balanced. This helps avoid the possibility of an unbalanced piece jumping off the lathe and striking the operator.

When running a lathe in reverse, it is possible for a chuck or faceplate to unscrew unless it is securely tightened on the lathe spindle.

Know your capabilities and limits. An experienced woodturner may be capable of techniques and procedures not recommended for beginning turners.

Remember these few simple rules and you will be a safer turner. Happy turning.

Bill Youngblood



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Stamp

Join the AAW!!