

ARIZONA WOODTURNERS ASSOCIATION

A Chapter of the
American Association of Woodturners

Next Meeting:

**Saturday,
June 15th, 2013
Tempe AZ 12-3:30pm**

**President's Challenge:
Desert Ironwood**

**Next Month Meeting
Kathy Marshal
Coring**

**Pyle Center
655 E. Southern Ave
Tempe, AZ**

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**June 2013
Ed Pabst
Threading
Pyle Center**



Ed Pabst will be showing us how he does hand chased threads on items such as boxes. He will also demonstrate the Baxter Thread Master Jig.

President's message

by Jason Clark

... making Good Shavings

Why woodturning?

A quick trip to any local woodworking supply store will show you the number of different specialties of woodworking. Furniture, carving, scroll sawing, intarsia, marquetry, luthiery, woodturning, and numerous others. While there are some people that can do all of these specific topics I think most people choose to focus on just a couple of their favorites. I've gone one step further and solely focus on woodturning.

My singular focus of woodturning is in part because I don't need a ton of specialty equipment. I really only need a lathe and some gouges. I have some additional equipment to make things easier and faster (band saw, chain saw, grinder, vacuum pump, etc) but

I don't really have a need for specialized equipment like hand planes, drum sander, planer, router, miter saw, mortiser, or even a table saw.

I also enjoy woodturning because for the most part I don't need to measure. If the bowl I'm working on is $\frac{1}{4}$ " shorter or $\frac{1}{2}$ " narrower than the maximum diameter of the blank I started with I'm the only person that will ever know. If a pair or a set of bowls are $\frac{1}{4}$ " different diameter the difference really isn't that noticeable, but I guarantee you that if I'm making a door for a cabinet and one of the rails or stiles is $\frac{1}{4}$ " shorter than the others it will stand out like a sore thumb. With woodturning I can also get instant gratification. If I want to go out to my shop tonight and turn a pen or

a lidded box or even a bowl I can do that. That's simply not possible for someone that makes custom furniture or a large intarsia or marquetry projects where days or weeks can go into a single piece.

Lastly for many of our projects we don't need dozens of board feet of expensive kiln dried lumber or expensive sheets of veneer. For the most part I'm perfectly happy turning firewood and in the rare event when I do purchase wood for a special project I can usually count the number of board feet in a blank on one hand. We're also able to make use of relatively small blocks of woods; including expensive exotics that would simply be scrap for most non-woodturners.

Now it's your turn. I want to hear why you chose to focus on woodturning or why I should consider expanding my focus beyond woodturning.

Jason Clark

President, Arizona Woodturners Association

Treasurer's Report:

Mar. 2013	Start	Debits	Credits	Transfers	Total
Checking	\$55,311.79	\$29,948.05	\$8,097.78	\$(28,000.00)	\$5,461.52
Savings	\$9,321.15	\$-	\$0.33	\$28,000.00	\$37,321.48
Total	\$64,632.94	\$29,948.05	\$8,098.11	\$-	\$42,783.00
Net	\$(21,849.94)				

Notes Debits are primarily DWR related expenses

Apr. 2013	Start	Debits	Credits	Transfers	Total
Checking	\$5,461.52	\$2,411.11	\$628.08	\$-	\$3,678.49
Savings	\$37,321.48	\$-	\$0.92	\$-	\$37,322.40
Total	\$42,783.00	\$2,411.11	\$629.00	\$-	\$41,000.89
Net	\$(1,782.11)				

Notes Debits are 2013 AWA symposium costs and equipment donation to Highland High

May 2013	Start	Debits	Credits	Transfers	Total
Checking	\$3,678.49	\$866.35	\$108.25	\$-	\$2,920.39
Savings	\$37,322.40	\$-	\$0.95	\$-	\$37,323.35
Total	\$41,000.89	\$866.35	\$109.20	\$-	\$40,243.74
Net	\$(757.15)				

Notes Debits are primarily 2013 AWA symposium costs

June 2013 MTD	Start	Debits	Credits	Transfers	Total
Checking	\$2,920.39	\$167.59	\$167.00	\$-	\$2,919.80
Savings	\$37,323.35	\$-	\$-	\$-	\$37,323.35
Total	\$40,243.74	\$167.59	\$167.00	\$-	\$40,243.15
Net	\$(0.59)				



Beginner's Corner:

When most people start woodturning they tend to make a lot of mistakes. I know I've made my fair share over the years. Here's some of the most common mistakes and how you can avoid them.

- 1) Using dull tools. Most tools need to be sharpened on a regular basis. This is particularly true when cutting harder wood, wood with bark, and wood with high mineral content. If you think your tool is getting dull you're wrong – it was dull 5 minutes ago. If you have 2 bowl gouges try this experiment. Sharpen both of them, then use the first one until you think it's dull. At that point immediately switch to the freshly sharpened gouge. The difference in the ease of the cut and the quality of the cut surface is remarkable. Stepping away to the grinder, even for a minute allows us to forget just how much extra effort and force we were using when trying to make the dull tool cut.
- 2) Turning at too slow speed. In my opinion faster (but not unsafe) turning speeds result in better, smoother cuts with less tear out. My belief is that the tool has less time to react to differences in grain direction and density. This is particularly true of off center or multi axis cuts where your tool is not in contact with the wood surface all of the time.
- 3) Approaching the wood in the wrong direction (part 1). Wood has grain and that grain dictates the direction that we should cut. On the outside of a typical side grain bowl this is from the foot up to the rim. On the inside of a bowl it's from the rim towards the center. Cutting the opposite direction on either of these cuts tends to lift and tear the fibers instead of shearing them cleanly.
- 4) Approaching the wood in the wrong direction (part 2). The majority of beginning turners (and plenty of experienced ones) mount a side grain square bowl blank on the lathe and then turn it into a cylinder before shaping the outside of a bowl. See figure 1. This requires cutting directly into the end grain twice per revolution and also puts the turner directly in the line of fire. Instead approach the bowl from the bottom and cut up to the rim at about a 45 degree angle. See figure 2. This bottom corner is where the majority of the wood needs to be removed and it gets you to the

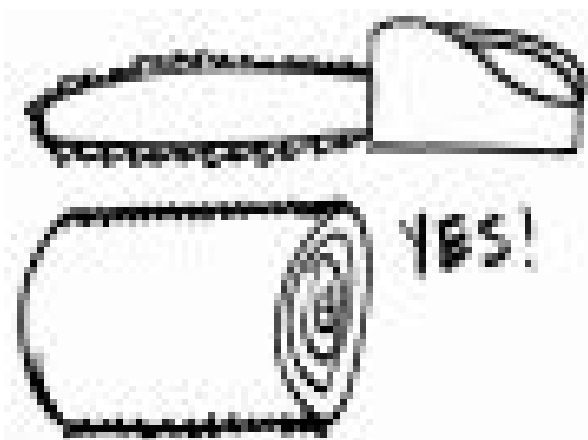
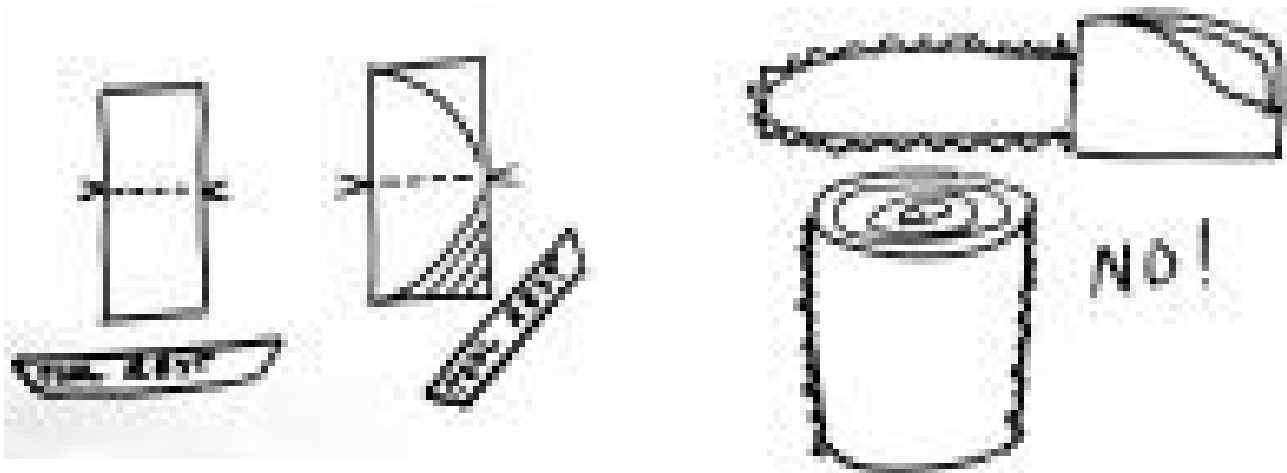
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bowl shape faster and easier because you're not cutting directly into the end grain and it also helps keep you out of the line of fire. By the time the outside of the bowl is shaped the entire piece is round anyway so there's no need to first turn it into a cylinder.

5) Approaching the wood in the wrong direction (part 3). Most of the bowls that we turn are turned in a side grain orientation. A log is ripped in half to give us 2 half logs, each of which can be turned into a bowl. When ripping a log in half with a chain saw don't stand it on end and cut directly into the end grain, instead lay the log on its side and cut through the side of the log. The opposite is true with a band saw, stand the log on end and cut through the side of the log. Either way be very careful and keep hands and feet clear at all times.

Welcome to the wonderful world of Woodturning!

Jason Clark



... from the Editor



As the summer heat has set in and the garage is too hot to work in I have been thinking of the past year the club has had. The Desert Woodturning Roundup was a great success. This was my second DWR and I always come away with way more ideas than I have time. The club had great one day demo's from Bonnie Klein and David Ellsworth. I was lucky to be one of the people who also took a one day class with David. Then there was the Richard Raffan class after the DWR. I was doubly lucky to be able to spend a day with Richard and five other students. Richard has a special knack for teaching. We also as a group said our goodbye's to Dale Nish who will be missed in the woodturning community.

Looking ahead the club has an exciting next twelve months for its members. We have an all-day demo in November with Mark St. Leger. Then next year we will need every club members help when we are the host club for the 2014 annual AWA Symposium in June. It will take help from each and every one of you to be a success. I encourage you to consider volunteering.

Please e-mail me or call me with ideas or articles.

Chip



AWA Hands-on Demonstrators Mark St. Leger Nov. 2013



Woodturning is an art that should be explored and felt with each piece of wood we have the good fortune to work with. Artistic inspiration for me presents itself in many ways. When I allow myself to slow down, I become more aware of the natural beauty that surrounds us. I am amazed by the movement of water as it slowly carves and gently sculpts the ever changing shorelines. I continue to be humbled and in awe over the wonders I encounter while paddling in my kayak. Keeping an open mind while developing a new piece begins a journey worth traveling.

AWA Membership Benefits-
Discounts: Woodworkers
Source, Woodcraft, Rockler,
Timber Woodworking

American Woodturners Association

Phoenix June 2014

The annual AAW symposium is the highlight of the woodturning year, meeting in different locations throughout the United States. It has become the most attended woodturning event worldwide. Each symposium features three days of woodturning demonstrations and meetings, led by several talented experts:

- Internationally known woodturners
- The highest quality woodturning instructors
- Knowledgeable local talent

Multiple rotations are held simultaneously so attendees have many different types and styles of woodturning demonstrations available. Many of the demonstrations are held multiple times so the attendee has the opportunity to attend sessions they may have missed.

Each symposium has had a unique flavor, but most of them have the following features: A rotation schedule of more than 100 classroom-type demonstrations and panel discussions, hosted by the world's best woodturning professionals. An instant gallery like no other on earth, with up to three pieces submitted by each attendee. A Saturday night banquet. The Friday Special Interest Night, where like-minded turners get together for some fun. An auction of tools, wood, and fine woodturnings. Funds from the auction fund scholarships for woodturning education. The largest woodturning tradeshow anywhere, including tool and lathe manufacturers, vendors of wood and other materials, and suppliers related to woodturning.



Club Demo's



Woodturning

Top left and right side photo Michael Hosaluk.
Center photo Richard Raffan. Bottom left photo
David Ellsworth.

Advertisements

We have received a couple of requests for some custom parts to be turned, one person is requesting a couple of long thin spindles for the back of the chair and another is requesting 50 table legs approx 9.25" diameter and 19.5" long. If you are interested in either of these commissions please let Jason know and he'll pass the information along.

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E-mail Chip Hiding at chiphiding@netzero.net to place an advertisement in the newsletter. Advertisements are free for club members.

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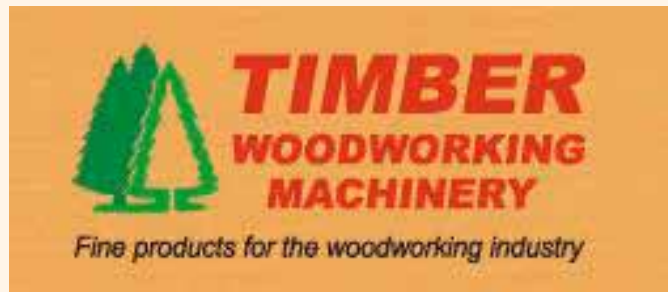
Rules for advertisements: Free ads are available only to AWA members. The deadline for submission or cancellation of an ad is the 10th of the month to be placed in that month's newsletter. Ads will only run for one issue unless notified otherwise. If you wish to continue running an ad for more than one month, please advise the editor, Chip Hiding, by the 10th of the month. Also, if you decide to cancel an ad, please notify the editor by the 10th of the month.

Calendar

NOTE: The Regular Monthly Meetings are held on the third Saturday of each month at the Pyle Center, 655 E. Southern Ave., Tempe, Arizona. All meetings start at 12:00 pm and end at 4:00 pm unless otherwise posted.

Meetings typically start out with club business, followed by the featured demonstration, and then the raffle and prize drawings. Board meetings are open to all club members and are held every other month one hour prior to the regular meeting.

<u>Date</u>	<u>Demonstrator</u>	<u>Topic</u>	<u>President's Challenge Due</u>
July 20th, 2013	Kathy Marshall-	Coring	Green to Finish
August 17th, 2013	Hands On		NA
November 16th, 2013	Mark St. Leger -	All Day Demo	N/A
December 14th, 2013	Holiday Party		NA



935 E. Southern Ave, Mesa AZ 85204
 (480)926-2131
<http://www.timberww.com>

Board of Directors

President – Jason Clark
 Home phone 480-688-9291
jclark58@gmail.com
Vice President – Dale Gillaspay
turnandtwists@gmail.com
Treasurer - Ana Lappegard
ken.ana@netzero.net
Librarian – Pete Beschenbossel
pbschen@aol.com
Secretary & Newsletter – Chip Hiding
chiphiding@netzero.net, Cell
 602-677-3529

AWA WEB SITE:
<http://www.azwoodturners.org>

The Arizona Woodturners Association newsletter is published quarterly. Inputs are due to the editor by the tenth of each month for inclusion in that month's newsletter.

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