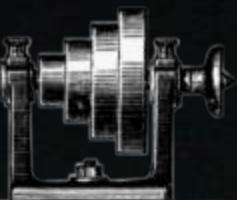


June 2017



TURNERS TALK

THE MID SOUTH WOODTURNERS GUILD



AAW OFFICIAL CHAPTER
AMERICAN ASSOCIATION
OF WOODTURNERS



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Four Sided Weed Pots

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Many thanks to our own Skip Wilbur for his excellent demonstration of the how's and why's of tool-to-wood presentation (basic cuts), culminating in the creation of a beautiful finial. Then he demonstrated the use of a "birds mouth" router bit for use in creating interesting Bangles. Skip created a how-to document for creation of the bangles which is appended to the end of this newsletter.

President's Corner

By:
Dennis Paullus



Good morning everyone, happy June to you. I have been extremely busy in May, and June looks to be that way too. I guess most of us are getting busy now with summer starting and vacations coming up. Our June meeting is coming up and it is going to be a week early because of a conflict with this years AAW symposium.

This June meeting is setting a precedent for us, as it is our first live online demo. This demonstration will be featuring Lyle Jamieson. Lyle is a very experienced demonstrator and teacher, bringing many years of turning expertise to his demonstrations. This is the first of this type of demo that could be a good forum for future out of town demonstrators. I hope to see you all Saturday the 17th.

Last month we had Skip Wilbur as our demonstrator. Skip filled in as a last minute demonstrator because of a cancellation in our schedule. Skip is always willing to help out. Skip showed us how to make the basic cuts in woodturning and he did a wonderful job. He also showed how to make a bird's mouth bangle that was very interesting. Really good job Skip, thanks.

I hope as you are getting ready to come to our June meeting you decide to bring something to our instant gallery. We enjoy seeing what you have been working on.

You could also bring something to share in our raffle. Last month our raffle was a little weak on quantity. If we all would bring a little something there could be many pieces to choose from.

Thanks in advance for your support.

See you all this coming Saturday, Dennis





Wood Spin

Seeing Clearly At The Lathe

By: Emmett Manley

My late friend Ed Moore, mathematics professor, U.S. Naval Academy

Many woodturners have learned that the easiest way to eliminate tool marks from their work is to remove their glasses. Everything appears to be smoothed out and if you can't see the grooves and scratches, they don't exist. However, there are always those perfectionists who demand an unblemished product, and they often seek visual enhancements in the form of "glasses." The topic of glasses for woodturners has appeared numerous times in various online forums in recent years.

Two recurring subtopics of interest to woodturners are the cost of prescription glasses and the possible value of "eye exercises." Both of these subjects will be addressed after a review of some basic vision system anatomy and physiology.

It is helpful to think of the eye as consisting of "back" and "front" components. The back of the eye, the retina, is made up of neuronal tissue that serves to receive images from the outside world and to convert those images to electrical signals that are carried to the visual cortex of the brain via the optic nerve. The most sensitive part of the retina is the macula. Skilled retinal surgeons can reduce swelling and treat/slow

degenerative changes, but there are no relatively simple replacements of retinal parts.

The front of the eye is much different. It is more mechanical in function and the components of this area serve to regulate the amount of light entering the eye (think pupil) and to focus images on the retina by adjusting the thickness of the lens, through which light and images pass. Numerous procedures, surgical or pharmacological, are available which can replace the lens, thin the cornea (front of orbit), improve intraocular fluid drainage, paralyze the autonomic nerves, and treat infection or inflammation.

The entire eye (orbit) is controlled by a set of "motor" muscles under our control — these muscles (the oculomotor muscles) allow us to move our eyes in whatever direction we choose. This differs from control of pupil size and lens thickness, as the "autonomic" nerves to those structures respond automatically when light changes or when we attempt to adjust focus for close or distant vision.

Back to the shop. Let me indicate, first and foremost, that many woodturners wear their glasses along with a face shield. Others, a bit more daring, wear only their glasses, especially

Wood Spin cont.

while working on small items or while sanding carefully. Some folks wear prescription safety glasses which may, or may not, provide significantly more protection than regular prescription glasses.

About 30% of Americans are nearsighted, which means that 70% need lens assistance to see well at close distances. A simple solution for many people is that of purchasing a pair or several pair of what were once called "dime store glasses." I notice that the old \$1 Woolworth glasses have been upgraded to fashionable \$10-20 glasses at Walgreens. Also, visors with simple magnifying lens are preferred by some woodturners.

If all you need is magnification and both of your eyes are similar in terms of optics, you need read no further. However, quality prescription glasses are now available via the internet for very reasonable prices and woodturners with special optical needs don't have to settle for generic glasses.

Also, many people need corrective lens for both near and far vision and this need led to the introduction of bifocal lens many years ago. You can purchase a pair of glasses with an upper lens prescription different from a lower lens. But, there have been problems. First, bifocals (and even trifocals) take some user adjustments, as it seems you are always looking through the wrong lens or not sure where your feet are located. Second, and this is a biggie, the cost is much more than a single prescription lens — in fact, the cost is usually more than the total cost of two pair of glasses. So, you may pay more and get less satisfaction.

Years ago, I kept reading positive reviews on woodturning forums concerning a California company named Zenni Optical. I learned that their prices for prescription glasses were extremely low — too low, I thought, to provide a

quality product, but I decided to give them a try. I purchased one of the least expensive pair of prescription glasses possible, for a total of \$12.95, shipping included. The glasses arrived and functioned perfectly. Since then, I have ordered ten or twelve pairs for family, friends, and me. I have a complex prescription as does my wife (both have astigmatisms) and Zenni got them perfect — my optometrist checked the glasses on his machine and he was impressed. Now, I usually order two pair of glasses at a time, one bifocal, one plain, with coated lens, etc. The bifocal pair is about \$75 and the plain pair about \$35. You can afford to take your glasses to the shop and you can gain points with your spouse by purchasing a pair of colorful fashion glasses for her.



This column is not an infomercial for Zenni, nor am I a shill for that specific company, as there are several reputable online optical companies. However, all of my experience has been with Zenni and I have been pleased with their products and service. With these online companies you just type in the information from your optical prescription (which your eye doctor is required to provide you), select your frames, any extras as special coatings or tinting, provide your PD (distance between the center of your pupils), and submit your order. Ask your eye professional to measure your PD, but if he/she

balks or wants an extra fee, get your metric ruler out and do it yourself as the measurement is quick and simple, and not critical to the exact millimeter as you are just indicating how far apart the center of your lens should be in your frames. Here is the method recommended by one online provider of prescription glasses.

What is Pupillary Distance?

Pupillary distance (PD) measures the space between the pupils of your eyes. Knowing this measurement is important to make sure your eyes match up with the optical center of your lenses. The average adult's PD is between 54-74; kids' are between 43-54.

How to Measure Your PD?

1. Stand 8 inches away from a mirror.
2. Hold a ruler against your brow.
3. Close your right eye then align the ruler's 0 mm with the center of your left pupil.
4. Look straight then close your left eye and open your right eye.
5. The mm line that lines up to the center of your right pupil is your PD.



My wife demonstrating pupil distance measurement

For an interesting discussion among prominent woodturners about glasses, go to the Wood

Central woodturning forum, between May 19-25, 2017.

Now, just a few lines about eye exercises. Except in rare developmental disorders, eye exercises are of limited or no value. Changes in eye (orbit) shape and lens elasticity are responsible for most front of eye age-related vision problems that can be corrected. These anatomical features cannot be changed by "eye exercises," and you will not be able to "throw away your glasses," as advertised, by following various eye exercise regimens. Here are some questions to consider.

If you are considering an eye exercise program to improve your vision, ask yourself:

Will exercising your eyes change the basic shape of your eyeball, by making it longer or shorter?

Will eye exercises alter the basic shape of your cornea, and change the angle of how light rays enter your eye to achieve focus? (For example, this is how LASIK works to correct common vision errors.)

If you have astigmatism, will exercising your eyes somehow reshape your eye's irregular surface?

If you have presbyopia, will eye exercises restore your eye's lens to its once youthful elasticity that has declined due to aging processes?

The answer to each query is obviously NO. One company was charging \$350 for their eye exercise program and they have been shut down by a court in Iowa and required to return \$200,000 to their complaining customers.

Try a pair or two of "online" prescription glasses and once you get over the shock of paying \$30 to \$75 per pair rather than \$150-400, you will order more glasses so you can leave a pair in your

shop, one pair in front of your computer, and perhaps prescription sunglasses in your car.



Don't be tempted by offers of expensive "eye exercise kits" that will allow you to throw your glasses in the trash. Use the money saved to purchase a new face shield to wear over your inexpensive glasses.

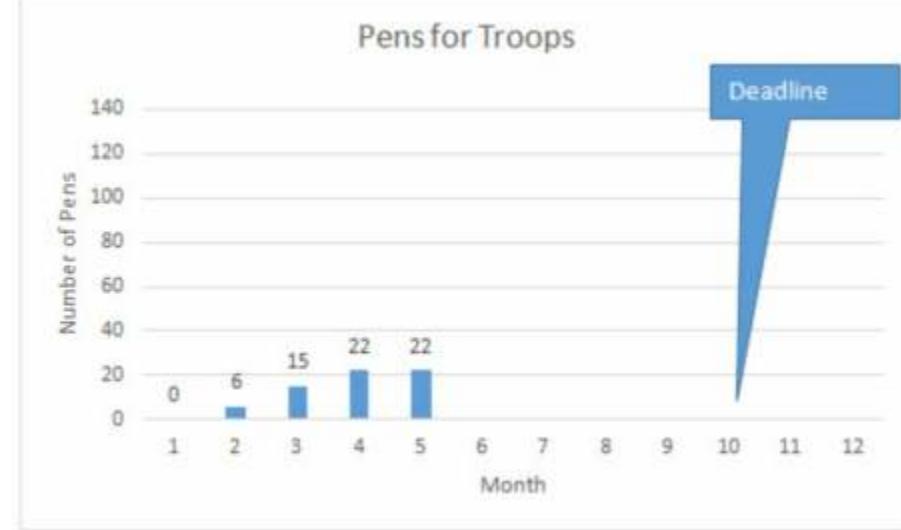
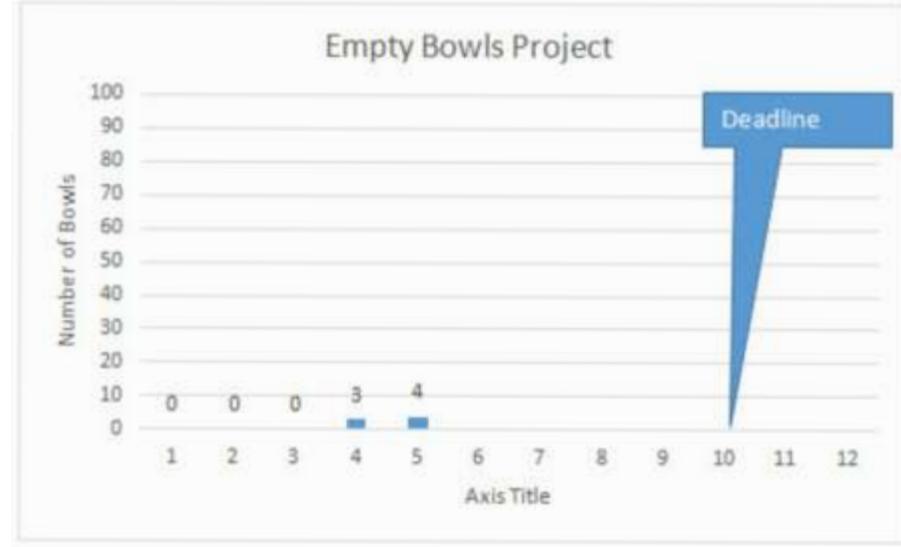
May you see clearly and all your tool marks vanish.

Wood Central forum discussion

[learning to use Trifocals](#) (views: 381) -- john lucas -- 5/19/2017, 9:40 am
[Re: learning to use Trifocals](#) (views: 286) -- mikeeee12345 -- 5/19/2017, 12:04 pm
[Re: learning to use Trifocals](#) (views: 275) -- rch -- 5/19/2017, 12:09 pm
[You'll gradually adjust to the lines.....](#) (views: 261) -- JamieDonaldson -- 5/19/2017, 4:38 pm
[Re: You'll gradually adjust to the lines.....](#) (views: 242) -- Barry Irby -- 5/19/2017, 5:37 pm
[Re: You'll gradually adjust to the lines.....](#) (views: 231) -- Steve Kniffen -- 5/19/2017, 7:03 pm
[As cheap as glasses are these days](#) (views: 273) -- Dick Coers -- 5/19/2017, 10:32 pm
[Re: As cheap as glasses are these days](#) (views: 218) -- Barry Irby -- 5/20/2017, 6:54 am
[No problems switching, just remembering to switch](#) (views: 184) -- Dick Coers -- 5/20/2017, 12:55 pm
[Re: As cheap as glasses are these days](#) (views: 223) -- john lucas -- 5/20/2017, 8:11 am
[Re: As cheap as glasses are these days](#) (views: 199) -- Stuart Johnson -- 5/20/2017, 1:50 pm
[Re: As cheap as glasses are these days](#) (views: 166) -- Barry Irby -- 5/21/2017, 7:50 am
[Re: As cheap as glasses are these days](#) (views: 140) -- Rum -- 5/23/2017, 5:40 pm
Re: As cheap as glasses are these days (views: 216) -- John Jordan -- 5/25/2017, 10:00 pm
[Zenni has a 20% off sale right now](#) (views: 88) -- Stuart Johnson -- 5/26/2017, 2:11 pm
[Re: learning to use Trifocals](#) (views: 207) -- Roger -- 5/20/2017, 7:21 am
[Vision at the lathe and eye exercises](#) (views: 262) -- John K Jordan -- 5/20/2017, 7:24 am
[Re: Vision at the lathe and eye exercises](#) (views: 204) -- Mike Stafford -- 5/20/2017, 12:20 pm
[Re: Vision at the lathe and eye exercises](#) (views: 189) -- Joe Bradshaw -- 5/20/2017, 3:26 pm
[Re: Vision at the lathe and eye exercises](#) (views: 176) -- Mike Stafford -- 5/20/2017, 5:12 pm
[Re: Vision at the lathe and eye exercises](#) (views: 176) -- John K Jordan -- 5/20/2017, 4:53 pm
[Re: Vision at the lathe and eye exercises](#) (views: 182) -- John C Lucas -- 5/20/2017, 4:59 pm
[Re: Vision at the lathe and eye exercises](#) (views: 202) -- Dick Coers -- 5/20/2017, 12:59 pm
[Eye exercises and close vision](#) (views: 193) -- John K Jordan -- 5/20/2017, 6:02 pm
[Re: Eye exercises and close vision](#) (views: 146) -- mikeeee12345 -- 5/23/2017, 8:35 pm
[Re: learning to use Trifocals](#) (views: 211) -- robo hippy -- 5/20/2017, 12:55 pm
[Re: learning to use Trifocals](#) (views: 197) -- Barry Irby -- 5/20/2017, 1:20 pm

Club Supported Charities for 2016

Running Total of Turned Items



Free pen kits are available from the treasurer. Plenty of kits are available. We just got in 150 more kits.

Instant Gallery

Mike Maffitt

Turning of the Week



**Weed Pots: Four Sides Turned,
Sides A and B**

Mike Maffitt



Four-Sided Turned Weed Pots

**We want to see your work
featured as a *Turning of the
Week!***

Register for the member-
moderated AAW Forum and
submit your photos with the
details!

**Click here to visit the AAW Forum
Gallery.**

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Congratulations to Mike for getting the AAW Turning of the Week award

Instant Gallery cont.

Alexandra Wolfe

First turned Pens



Craig Wolfe

Mortars and Pestles



Instant Gallery cont.

Bill Bleau

Box Elder Empty Bowl



Box Elder Beads of Courage Boxes



Ash Vase

Instant Gallery cont.

Billy McCann

Manzanita Bowl



Karl Loeblein

Oak Bowl



Instant Gallery cont.

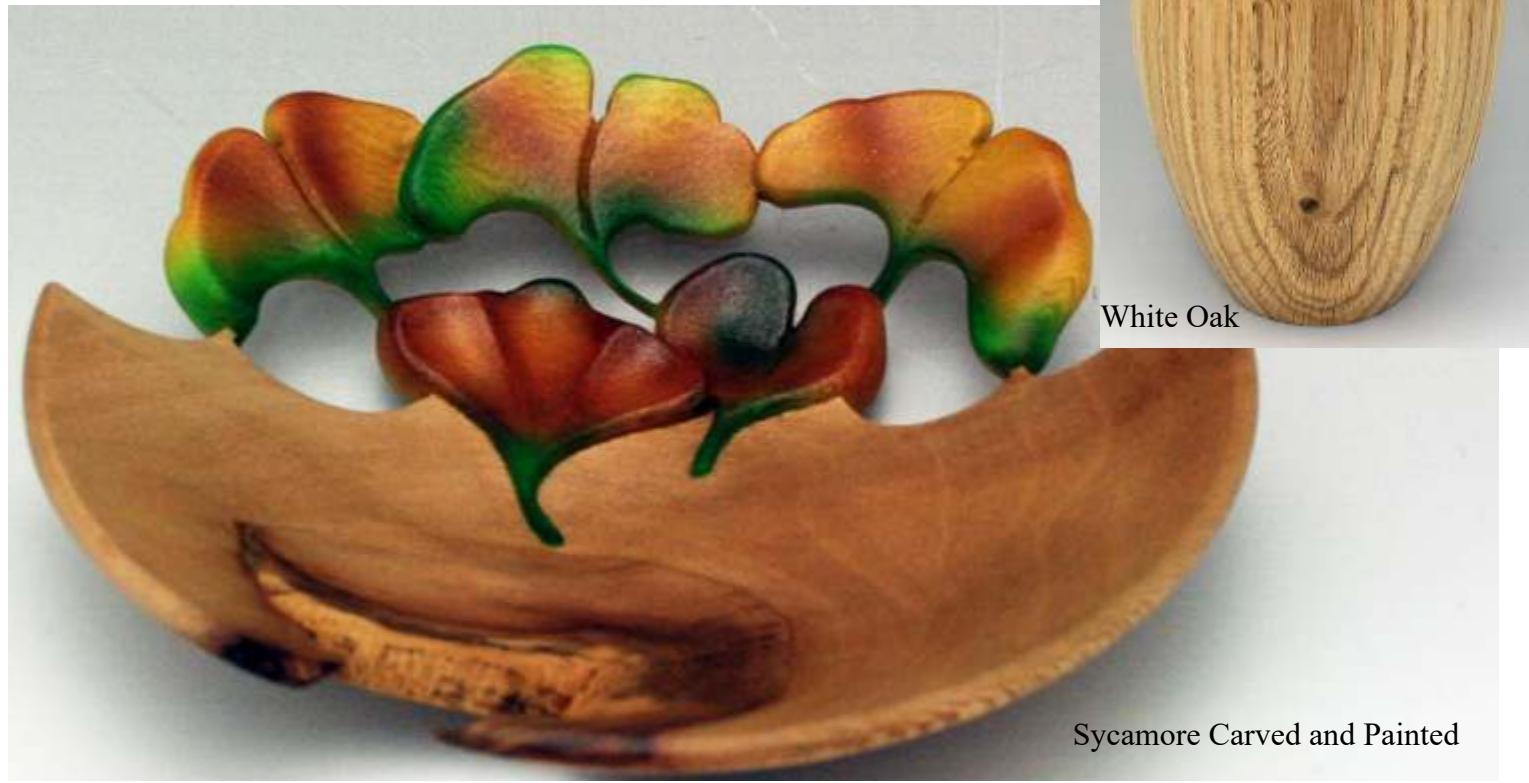
Dennis Paullus

Class Turnings



Instant Gallery cont.

Jonas Nemanis



Instant Gallery cont.

Mark Maxwell



Scrap Segmented Vases



Walnut and Maple Vase



Beads of Courage Boxes

Instant Gallery cont.

Paul Sherman



Steady-Rest



Magnolia Vase

Instant Gallery cont.

Thomas Dorrough



Spalted Pin Oak

Upcoming Events 2017

Please look at the dates carefully. The Board of Directors voted to move several meeting dates this year away from the normal 4th Saturday in order to avoid conflicts with other meetings, craft fairs, holidays, etc.

June 17 Lyle Jamieson - Live Remote Demonstration

July 22 Larry Sefton - Carving and Embellishment

August 26 Various club members - Finishing and Finishing the Finish

- John Jordan Finish - Dennis Paullus
- Make your own "Triple E" Polish - Bob Wolfe
- Finish the Finish - Dennis Paullus

September 23 Graeme Priddle and Melissa Engler - Multi-center turning?????

September 24 Graeme Priddle and Melissa Engler hands-on embellishment workshop #1

September 25 Graeme Priddle and Melissa Engler hands-on embellishment workshop #2

October 21 Annual Oktoberfest (Skip Wilbur, Joseph Voda demos)

November 25 Sam Dawson - Stabilizing Wood for Turning

December 16 Annual Christmas Party and Auction **Note:** We will be moving the start time back by one hour this year. Setup at 09:00, meeting start 10:00

Note: Schedules may change throughout the year, so keep a close watch on this page for changes. This year's demonstrator schedule will focus on the skills of our club mentors.

Mentor Program

All members of MSWG are invited to contact the following mentors to learn a new technique, improve their turning skills or turn something different. Mentors are volunteers and do not charge.

Contact information is on our website under Members Only and the Roster. Sessions should last no longer than 3 hours and be scheduled at the convenience of the mentor.

Benson, Joel	Wood Selection, Turning Green Wood, McNaughton Coring, Chain Saw Sharpening/Maintenance, Chain Saw Use/Safety
Cannon, Rick	Segmented Bowls
Hosier, Jerry	Basic Stone and Wire Inlay, Woodturning Basics (Beads & Coves), Use of Spindle & Bowl Gouges
Maffitt, Mike	Bowls, Platters and Native American Flutes
Manley, Emmett	Basic Woodturning, Small Bowls, Tool Handles, Hand Mirrors, Stick Pens, Eggs, Wine Bottles, Miniature Birdhouses, many other small items
Pillow, Wright	Inlaying: Marquetry, Inlace, Epoxy
Sefton, Larry	Milk Paint, Make Your Own Pyrography Unit, Hollow Forms
Stone, Rick	Finials, Bowls (incl. Natural Rim), Boxes, Spindles, Carving, Finishes, Pyrography, Making Tools, Turning Tool Basics (incl. Sharpening)
Tusant, Jim	Bowls, Hollow Forms, Pyrography, Carving, Dyeing, Tool Use
Voda, Joseph	Spindle Turning (e.g. Ornaments)
Wilbur, Skip	Bowls, Hollow Forms, Goblets, Finials

Sponsors and Suppliers

The Woodwork Shop, Inc
8500 Wolf Lake Drive
Suite 101
Bartlett, TN 38133

Phone: (901) 755-7355

Fax: (901) 755-2907

Email: thewoodworkshop@bellsouth.net



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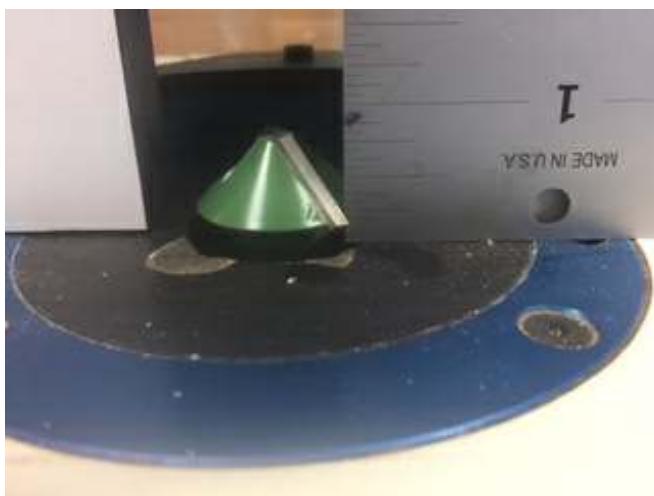
Birds Mouth Bangles

By Skip Wilbur

For basic knowledge on the birds mouth router bit and it's usages I recommend going to YouTube and search for Birds Mouth Router Bits by David Henry. He has a number of excellent videos on its usage (mostly flat work) and his introduction Video will get you comfortable with using it.

The two bits you probably will use will be the 8 sided and the 6/12 sided (makes both 6 and 12 sided items). I purchased both from Lee Valley, however you may find a better deal on Amazon or EBay. No matter where you get your bits I recommend going to the Lee Valley web site and downloading their PDF file "Birds-Mouth Joinery Bits" (lots of good info).

David Henry explains in one of his videos that the "perfect height" for the 6/12 sided is 11/32" (9mm), that is the height from the router table to the point on the bit and the "perfect height for the 8 sided is 3/16" (5mm).



Yes you must use a router table, do not attempt to do this free hand.

I will cut the staves on the router table in about 3-4 passes taking small bites until there is about a 1/16" ledge on the outfeed side of the table. This is important – make sure there is an edge on the outfeed side router bit, this gives support to the stave as it passes the bit. Remember this will be turned off later.



The average size woman fits with a 7 1/2 bracelet and slightly larger woman with a size 8. To make a 7 1/2 size bangle the inside diameter is 2 1/2" and for a size 8 it is 2 5/8". The wood for the bangles are all 3/4" thick and for the 8 sided bangle size 7 1/2 I cut the staves to a width of 1 3/8" and for the 8 side size 8 cut the width to 1 1/2".

On the 6 sided bangle I will cut the width to 2" for a size 7 1/2 and 2 1/16" for a size 8.

I use Titebond for the glue up and hold with either an elastic band or hose clamp.



Once dry I cut the cylinder in about 1" thickness in preparation for turning.



I use the step jaws on a Talon chuck, plunging to the inside to get the correct diameter with either a bedan or Easy Wood tool. Be very careful as you are turning very close to the jaws.



Once the inside is the same diameter I put the blank on a different step and simply turn it to final shape (just a bead). Sand and finish of your choice.