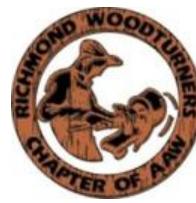


Richmond Woodturners

Newsletter April 2020



As a result of the cancellation of our March meeting, this edition of the newsletter is also brief. Two of the activities that were re-scheduled for that meeting are: the demonstration by Art Liestman and a fund-raiser wood sale. Recall that these were held over from the February meeting. Patience is the rule of the day now and eventually we will get back to normal meetings. Until then there are a couple of activities that may replace our monthly one.

Most of us have a computer with a camera, a microphone and a speaker. Late model smart phones has all of these features, as do tablets. With this equipment it is possible to have a meeting of some sort live and on-line.

New: President's Monthly Challenges: To augment regularly scheduled quarterly challenges.

May: . Dust off the skew that has been collecting sawdust on the rack. Use only the skew for spindle work once roughed out. It could range anywhere from a small finial to an upright stand to store bathroom tissue. Use your imagination. Kindly plan on sending photos to Bob Marchese in advance of our May meeting date Newsletter . . . Can include other show and tell items.

June: Experiment with a type of finish new to you - not your usual go-to finish. Experiment and learn something new on your own. Kindly plan on sending photos to Bob Marchese in advance of our June meeting date Newsletter.

Quarterly challenge for June meeting night will remain as scheduled: Natural Edge: Bowl, platter, goblet with natural bark or live edge. Photos to publish in our July newsletter.

If inclined, check out our Facebook page. Consider letting us know what you have been working on as Cody just did.

[Richmond Woodturners Facebook](#)

Also, do not forget that your regular **Show and Tell** turnings (photos) should be sent to Bob Marchese at the beginning of each month in order to be included in that month's newsletter. Take a photos with your smart phone and text it to me at 585-409-7087 . or e-mail at robtmarchese@gmail.com, See the photo tips on page 5.

Last but not least is a great source of bowl blanks, see the "Got Wood" letter to Bill on page 11.

In This Issue

Introduction	1	2020 Demonstrations	12
Mid Atlantic Woodturners	2	Quarterly Challenge List	13
Walt Whilden	2	Richmond Chapter Info	13
AAW Symposium Message	3-5	Tops for Kids	13
Photography Tips	5	Library List	14-15
President's Letter	6	Tools to Borrow	16
March Challenge Photos	7-9	Drill Bit Equivalents	17
AAW Shop Tip	10	Woodcraft Info	18
Got Wood - Bowl Blanks	11	Where We Meet	18
Board Officers	12		

Print page 17 for in-shop reference



The 2020 Mid Atlantic Woodturners Symposium will be held at the Lancaster PA Marriott from Friday, September 25, through Sunday, September 27. The current list of demonstrators includes:

David Ellsworth, Colwin Way, Kimberly Winkle, Nick Agar and Simon Begg

Please go to www.mawts.com to sign up, and pre-book your hotel room at the Marriott at the special rate. Keep posted for this one!

We closely evaluating our plans for the Fifth Annual Mid Atlantic Woodturners Association Symposium scheduled for September 25 - 27 of this year.

It is our hope and expectation that this will be no more than a bad memory long before then. To that end, we are continuing our planning and will be monitoring the situation closely in the weeks and months ahead. As we get closer to the Symposium dates, we will make a formal decision on it and how to proceed. If you have already signed up, or are considering signing up, please be assured that, in the event we need to cancel our event, 100% of your payment will be refunded.

Thank you for your continued interest in the Mid Atlantic Woodturners Symposium. We are looking forward to putting on another quality event in September and hope to see you there.

One of our new members does well

Walt Whilden is relatively new to turning and has enjoyed it enormously. He told me numerous times that the club constantly motivates him to push himself. Submitted by Chuck Bajnai.

)



Walt Whilden

The bowl is 9 1/2 X 3 1/2. made of
scraps mostly, depending on color

Made for the fun of it.



Hello Woodturners

Speaking on behalf of the Board and staff, we are humbled by the outpouring of support we have seen since announcing the cancellation of the AAW Symposium. I thank you for the patience and empathy you offered while the AAW went through the process of making this difficult decision.

While the financial outcome of the symposium cancellation remains uncertain, we are confident that any negative effects to the AAW organization will be manageable. The AAW Board provided strong leadership under difficult circumstances, working with experts who helped to guide us through the process. We are heartened by your offers of financial support. AAW is gracious for all charitable donations and please keep us in your plans during our fall 2020 fundraising campaign.

At present, there are many others who will be impacted more severely than AAW by the effects of the COVID-19 pandemic and the AAW Symposium cancellation. Now is a time for all of us to focus our emotional support where it will be needed most, on friends, neighbors, and families who may fall victim to the virus.

The AAW Symposium cancellation, together with proper social distancing, is impacting the livelihoods of our vendors, demonstrators, and artists, and has disrupted our local chapter functions. Think about spending part of your symposium fee, airfare, and hotel to support our vendors, demonstrators, and artists, or organizations working to help fight the COVID-19 pandemic. Your online purchases could tip the scales for small businesses, keeping them afloat in these very challenging times.

Here's how you can help:

- ◆ Make online purchases from businesses who would have been exhibitors in the 2020 AAW trade show
- ◆ **(see the next 2 Pages).**
- ◆ Make online purchases from woodturning artists.
- ◆ Gift an AAW membership to a friend or colleague to keep them connected as part of the woodturning community.
- ◆ Purchase gift certificates to support the businesses you care about.
- ◆ Encourage your chapters to look into scheduling demonstrators who are available to deliver interactive remote demonstrations.
- ◆ Donate any unused N95 masks and respirators, and eye protection to local hospitals, medical facilities, or organizations.
- ◆ Donate blood locally.
- ◆ Thank grocery store clerks, nurses and doctors, police officers and fire fighters, sanitation workers, delivery people, and the list goes on.
- ◆ Check in with elderly friends, neighbors, and chapter members by regularly calling, video chatting, or sending a text.
- ◆ Support your local food bank.

In the coming weeks, we will be staying in regular communication about alternative ways of offering woodturning content and engagement online to keep the AAW Symposium spirit going strong. Let us know your creative ideas by sending a note to memberservices@woodturner.org.

We're facing these uncertain times together and are rallying to help the woodturning community stay safe, informed, active, and connected. Please continue to make and create, which will help you keep active and strong.

Yours respectfully,

Phil McDonald, Executive Director on behalf of the AAW Board and staff
American Association of Woodturners
222 Landmark Center
75 5th St W, Saint Paul, MN 55102
651-484-9094 | memberservices@woodturner.org

2020 AAW Symposium Trade Show Exhibitors

Exhibitor Name	Website
2 Tree Boyz Wood	https://changedtoart.com/
Accu-Slice, LLC	http://www.accu-slice.com/
Advanced Lathe Tools, LLC	http://advancedlatethetools.com/
Airbrushing Wood	https://www.airbrushingwood.com/
Alumilite Corporation	https://www.alumilite.com/
Arrowmont School of Arts and Crafts	https://www.arrowmont.org/
Big Monk Lumber Co, LLC	http://www.bigmonklumber.com/
Carter and Son Toolworks	https://carterandsontoolworks.com/
Carter Products Company	https://www.carterproducts.com/
Chroma Craft	https://www.chroma-craft.com/
Cindy Drozda Woodturning Tools	http://www.cindydrozda.com/html/Tool_Info.html
Curt Theobald Studios	http://www.curtheobald.com/
Earth's Watch Wooden Watches	https://earthwoodgoods.com/
Easy Wood Tools	https://www.easywoodtools.com/
Green Grove Design dba Easy Inlay	https://www.easyinlay.com/about-imaginlay
Hannes Tool	https://hannestool.com/
Harvey Industries	https://www.harveywoodworking.com/
Hunter Tool Company	http://hunternotoolsystems.com/
John C. Campbell Folk School	https://www.folkschool.org/
John Jordan Woodturning	https://www.johnjordanwoodturning.com/
JPW Industries	http://www.jpwindustries.com/
Kallenshaan Woods	http://www.kallenshaanwoods.com/
Klingspor's Woodworking Shop	https://www.woodworkingshop.com/
Lyle Jamieson Woodturning, LLC	https://lylejamieson.com/
MDI Woodcarvers Supply	https://mdiwoodcarvers.com/
Oneway Manufacturing	https://oneway.ca/
Parson Adhesives, Inc.	http://www.parsonadhesives.com/
Real Milk Paint Co	https://www.realmilkpaint.com/
Record Power Ltd.	https://www.recordpower.co.uk/
Ring Master, Inc.	https://ringmasterlathe.com/
Robust Tools	http://www.turnrobust.com/
Rockler Woodworking & Hardware	https://www.rockler.com/
Rotary Chisel	https://rotarychisel.com/
Rubber Chucky Products, LLC	https://www.rubberchucky.com/
SS Niles Bottle Stoppers	https://nilesbottlestoppers.com/
Stainless Bottle Stoppers	https://www.stainlessbottlestoppers.com/
Starbond Adhesives	https://www.starbond.com/
Stockroom Supply	http://stockroomsupply.ca/shop/
Stone-Creek Woodworks	https://premiergauges.com/?olsPage=products

Tekna tool USA (NOVA)	https://www.teknatool.com/
The Walnut Log LLC	https://www.thewalnutlog.com/
Thompson Lathe Tools	http://thompsonlatethetools.com/
Tom's Tools	http://www.redoakhollow.com
Tradesman Grinder	https://tradesmangrinder.com/
Trend	http://www.trend-uk.com/en/US/
Trent Bosch Studios Inc.	https://trentbosch.com/
Turningwood.com	https://www.turningwood.com/
VincesWoodNWonders.com	http://vinceswoodnwonders.com/
Woodpeckers LLC	https://www.woodpeck.com/
Woodturner PRO	https://woodturnerpro.com/
Woodturners Wonders	https://woodturnerswonders.com/
Woodturning Magazine (GMC Publications)	https://www.gmcsubscriptions.com/product/woodturning/
Woodturning with Tim Yoder	http://wtwtim.com/
Woodworker's Emporium	https://www.woodworkersemporium.com/

Simple Photo Techniques

Whether you are a beginner or more experienced with photography, here are some of our favorite tips that will help you improve your photography!

1. Use the Rule of Thirds.
2. Avoid Camera Shake.
3. Learn to use the Exposure Triangle.
4. Use a Polarizing Filter.
5. Create a Sense of Depth.
6. Use Simple Backgrounds.
7. Don't Use Flash Indoors.



Much more information on simple techniques can be retrieved from the internet with a couple of simple searches. Search for ...:photography techniques for beginners”

Photography Tips For Beginners

1. Get in close. Zoom decreases your photo quality, but your feet don't
2. Practice every day
3. Check for even lighting
4. Keep an eye out for composition
5. Keep your batteries charged
6. Plan out your depth of field
7. Watch for the golden hour
8. Use tripod or hold camera on/next to stable object

President's Message

Keeping in Touch

Welcome back Richmond Woodturners once again. I hope all are doing well and accommodating to the recent guidelines necessary for dealing with current events and restrictions. Since we will not be meeting on site as a group this month, it appears that an alternative approach is in order if we are to meet at all. No doubt we are all trying to stay in touch with family, friends and neighbors as best we can by whatever means possible. That may include a wave over the fence, or communicating by way of email, Skype, Facetime, teleconferencing, etc. Some of these things were not in my consciousness six weeks ago – time for me to come into the 21st century.

Unless you've been hiding under a waist deep pile of shavings, or elected to not watch the news, teleconferencing is huge these days, and that is the direction we will go for our April meeting with a live remote demo by Art Liestman. While the "Zoom" platform may not be perfect in every way, it seems to be the application of popular and affordable choice, and also one that at least some of us are already familiar with, with a lean learning curve and minimal techno equipment needs.

Jared Parker has scheduled two, and already hosted one Zoom test/learning session in advance of our regular meeting schedule. Huge thanks goes to Jared for his diligence and expertise in helping us out in our time of need. Jared has gone far above the call of duty on this one while also otherwise extremely busy with his day job. Thank you Jared !

As of this writing a few days in advance, the intent is to hold our April 16th meeting via Zoom app at regular meeting time of 6:30, to include Art's demo at 7:00. While the meeting content and time may be limited, kindly be prepared to show any turned pieces you'd like to share, or send photos to me so we can try a slide show. Last but not least, kindly bear with us as this will be uncharted territory for most of us.

Stay tuned to your e-mail for further details to include a "Zoom" invitation with log in credentials

If anyone has not received an email from me regarding these test sessions, please make sure that I/we have your current e-mail address.

While we are zooming along and perhaps have more shop time than expected, let's think about how we might be able to use technology and our vast array of mentoring knowledge. If you have the means and knowledge to mentor by remote, let me know. Likewise, if you have any how-to requests and the remote means, let me know and I'll try to do a little matchmaking. Bear in mind, Facebook is another available platform for similar content.

Meanwhile consider the many YouTube videos and articles out there containing Woodturning content. This is the perfect time to pour over back issues of AAW magazines and Woodturning Fundamentals in PDF format on their newly designed website.

Keep well, protect yourselves and stay in touch.

Bill Buchanan

.

**The March Challenge:
Purely Sculptural - A piece with no real or perceived practical function
These pieces were to be displayed during the March meeting**



Bruce Robbins - Maple with white acrylic paint, Title: The invisible violin (in the negative space)



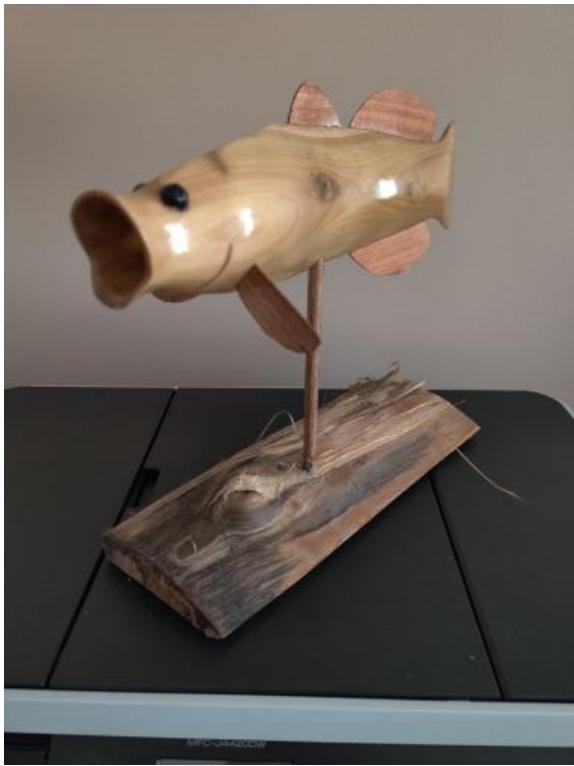
Greg Glennon - Sculpture piece titled "Reflections of the Soul"



Bill Buchanan - Title: "Duet" , Species : Walnut - Finish : Danish Oil, Size: 11 x 9"



Ron Bishop - Spiral is 7" tall by 5" diameter of Cuban Mahogany from Avelino Samuel workshop, The finial and top are ebony, finished with Liberon Oil



Steve Kellner - A fish out of water. Poplar turned on 3 parallel axis, cherry fins, rock hard varnish finish. multi axis allows fish to be swimming. Fun to turn!



Jerry Fisher - Mahogany with a ebony finial and the top and bottom are Cherry. The finish is Poly. The mahogany was from Avlinos' class but I blew through the bottom and couldn't do the carving on it. Thus the cherry top and bottom.



Chuck Mosser - Title is "Blue Fantasy", Wood Is spalted maple, boxwood and walnut , Other materials are textured paint and gilders paste, Finish is gilders paste, textured paint, oil



Cody Walker - Magnolia and walnut, Satin WOP, Turned on six axis and off center, Roughly 7" tall to top of the hat



Gordon Kendrick, Cedar and paint 15" high
about 4-1/2 at widest



Dan Luttrell , "Not Quite Chinese Balls", 9 layers,
various woods, 3-1/4" dia



Ron Bishop , One more, a functional
lidded vessel, Cherry and Mexican
Brown Wood, 4" tall X 3", Liberon
wiping oil.



Ron Bishop - Spiral is 7" tall by 5"
diameter of Cuban Mahogany from
Avelino Samuel workshop, The finial
and top are ebony, finished with
Liberon Oil

SHOP TIP

“Re-Shaping a Parting Tool”

Many of you have dove-tail jaws for your lathe chuck and an easy way to turn a tenon that will fit those jaws is by re-shaping one of your parting tools. I chose an old tool with a turning surface of about 1/8". I'll admit that I only "eye-balled" the angle, but it can certainly be calculated to exactly match the angle of the dove-tail jaws on your chuck.

In addition to using this tool to turn tenons on blanks, I use it to undercut finial tenons, to create shoulders on box lids, to scrape tight curved surfaces. I'm sure you'll think of many more uses for this tool.

To sharpen the parting tool, I slightly twist the handle which presents an angled surface to the grinding wheel.



~Janice Levi
Groesbeck, Texas
Brazos Valley Woodturners, Waco
Gulf Coast Woodturners, Houston



www.turningblanks.net

got wood? LLC

Bill,

My name is Mike Leigher, and I am the owner of Got Wood? LLC located in Donalds, SC. You may be familiar with us, as we have been selling wood turning blanks online at <https://www.turningblanks.net> for the last 15 years.

I'm reaching out today because you were listed as the primary contact for the Richmond Woodturners, and I wanted to offer our assistance to the club and its members during this time of imposed quarantine. Being a small family-owned business, there are many things we may not be able to accomplish with you and the rest of the group, but we do want to help in any way that we can.

If you or any other club members have any other thoughts or suggestions, Bill, I am open to hearing any of your ideas. In the meantime, here are some of the ideas that I have for how we could help.

- **Free educational materials** We have loads of written tutorials on our web site. Any information we've published there can be reused and distributed within the club if you'd like. A lot of the information is geared towards beginning and intermediate turners, but there are also other topics for more advanced individuals. If you need any documents to be made into PDF files, I'll see about converting them to make them easier to distribute.
- **Assistance with technology-related issues** A lot of clubs have been shifting towards online meetings and classrooms. I have a background in computers, web sites, some programming and other technologies. If there's anything I can do to assist you with questions you might have, don't hesitate to ask. No charge...just wanting to help if I can.
- **Charitable donations** If you all are in need of any wood that we might be able to donate for fund raising programs that you are planning, we will help where we can. Just let us know what your needs are.
- **Turning classroom wood supplies** If you are doing online classrooms, and need to get a lot of a particular type/size of wood to all other participants, we can help. We can ship to all individuals on an address list, or ship all items to the club for distribution. Shipping costs to the club would be significantly less.

Saving on shipping costs for club members We've been sending out a ton of material recently, as so many have been stuck at home and are looking to their hobbies to keep themselves busy. If club members place multiple orders together (to also be shipped together) we can offer discounts on the wood, and shipping costs per piece become more affordable versus placing smaller individual orders. Let me know if this is of interest, and I can give you more information.

I encourage you or any other club members to get back in touch with me if there's anything that I can help with. My cell phone number is (864) 378-5200. If for any reason I miss you (which is likely because I'm working around equipment during the day), please leave me a message and I will call you back. I look forward to working together with you!

Sincerely,

Mike Leigher
Got Wood? LLC - Online at <https://www.turningblanks.net>
Phone: (864) 378-5200
Email: service@turningblanks.net or mike@turningblanks.net

Board Officers

Bill Buchanan - President
Dave Bushman - Vice President
Vacant - Secretary
Cody Walker - Treasurer

Directors

Chuck Bajnai - Membership Director
Georgia Wood - Activities Director
Stan VanDruff - Resource Director
Ray Deyo - Past President
Lee Scarbrough - Past President

Committee Chairpersons

Jim O'Hanlon - Turning Competition
Jared Parker - Audio/Video
Vacant - Social Media
Meg Turner - AAW Women in Turning Liaison

Newsletter Staff

Bob Marchese - Editor
Izumi Miller - Contributing Writer
Tim Warren - Photographer

Interim Club Secretary needed immediately for 8 month period. Position renews January 2021. Please see any board member with questions or if interested in helping out the club.

Snacks & Drinks Providers

This month it is a
TBD

Finances

Previous Balance	5,808.59
Income	25.00
Expenditures	350.00
New Balance	5,483.59

2020 Demonstrations

April 16: Art Liestman : Lost wood and other creative turning techniques. Live remote via Zoom teleconference
May 21: Beads of Courage: Program highlights from Cody Walker with Ray Melton
June 18: Rudy Lopez live demonstration: more info to come
July 16: Bob Silkensen, Rude Olsolnik Candle Stick Turning
August 20: Photography discussion panel

Quarterly Challenges

The Challenges are regularly scheduled for the third month of each quarter (March, June, September, and December). Entries will be E-mailed/Text to Bob Marchese at: robtmarchese@gmail.com, 585-409-7087. Note that more than one photo (views) are allowed, they will be edited as needed.

* May: Dust off the skew . Use only the skew for spindle . It could range anywhere from a small finial to an upright stand to store bathroom tissue. Plan on sending photos to Newsletter Editor Bob Marchese in advance of our May meeting date Newsletter . . . Can include other show and tell items.

* June: Experiment with a type of finish new to you - not your usual go-to finish. Experiment and learn something new on your own. Plan on sending photos to Newsletter Editor Bob Marchese in advance of our June meeting date Newsletter.

2nd: Natural Edge: Bowl, platter, goblet or other with natural bark or "live edge".

3rd: Rude Osolnik: Make a pair of candlestick holders in style of Rude Osolnik. Simple lines, yet elegant and subtle.

4th: Musical Instruments - Or item to create tones... not necessarily correct crisp tones, (CB recommended)

Richmond Woodturners Info

Our club meets on the third Thursday of each month at the Richmond Woodcraft Store (see last page for directions). Our current page can be accessed at the following link:

http://calendar.richmondcultureworks.org/event/richmond_woodturners_monthly_meeting

or at: <https://www.richmondwoodturners.org>

Dues are \$25. per year and due each January. Guests are welcome. Special rates for those who join late in the year. See Chuck Bajnai the Membership Director. Contact him at csbjnai@gmail.com or at the meeting for more information.

Tops - Operation Christmas Child

Ray Melton continues to sponsor a version of the tops for kids programs. For complete information contact him at 804-814-5712. Or at: RayMelton@hometownrealtyservices.com and at raym@htrs.com . Here is a link to a video to show just how easy they are to make:

<https://www.youtube.com/watch?v=UWpV9dBpbME&feature=youtu.be>

Ray stated: Yes he will be collecting tops again this year. This is reminder to everyone that it's a good way to spend your isolation time and to use up all that scrap wood.

Inventory of Published Materials - Closed for the time being

Title	Author	Subject Matter	Format	# of copies
2012 Virginia Woodturners Symposium, Inc	Program Booklet	Multiple projects for turning	Book	2
2014 Virginia Woodturners Symposium, Inc	Program Booklet		Book	
2016 Virginia Woodturning Symposium, Inc	Program Booklet	Multiple projects for turning Collection of images of 500 different bowls	Book	2
500 Wood Bowls	Numerous artists		Book	
7 Great Projects for the Smaller Lathe	Bill Bowers		Book	
Beyond the Basic Bowl	Bill Grumbine	Advanced Bowl Techniques	Book	
Beyond Turning Basics	Jack Cox	Off-Center, Coopered ad Laminated Work	Book	
Collectors of Wood Art	SOFA Chicago 2002		Book	
Common Native Trees of Virginia	VA Department of Forestry	You guessed it....trees	Book	2
Dick Sing Turns Miniature Birdhouses	Dick Sing	Miniature Birdhouses	Book	
Encyclopedia of Wood	Time/Life Books		Book	
Lathes and Turning Techniques	Best of Fine Woodworking		Book	
Multi-Center Woodturning	Ray Hopper	Step by step instructions for the woodturner	Book	
Pens From the Wood Lathe	Dick Sing		Book	
Tops Making the Universal Toy	Michael Cullen	Tops	Book	
Turn A Bowl	Ernie Conover	Instructions on turning multiple bowls Getting great results, the first time around	Book	
Turn A Bowl	Ernie Conover		Book	
Turning Bowls	Richard Raffan Ed Glenn and Greg Keats	Instruction on turning multiple bowls The Complete Guide for Craftsmen, Collectors and Outdoorsmen	Book	
Turning Custom Duck and Game Calls			Book	
Turning for Furniture	Ernie Conover	Creating Furniture Parts on Your Lathe	Book	
Turning Ornaments and Eggs	Dick Sing	Ornaments and eggs	Book	
Turning Pen and Desk Accessories	Mike Cripps		Book	
Turning Projects	Richard Raffan	Multiple projects for turning Comprehensive instruction in turning wood projects	Book	
Turning Wood	Richard Raffan		Book	
Unique and Unusual Pens for the Wood Lathe	Dick Sing		Book	
Woodturning Christmas Ornaments	Dale L. Nish	Making different Christmas ornaments All you need to know to keep your tools sharp	Book	2
Woodworkers Guide to Sharpening	John English		Book	
AAW Turning Projects from Scrap	Robert Rosand Alex and Howard Snodgrass	Using scraps to create turnings	DVD	
Bandsaw Tuning			DVD	
Basic Pen Turning	Bill Baumbeck		DVD	
Bending to Turn	Tom Crabb	CVWT Demo	DVD	
Bowl Basics: A Workshop with Mike Mahoney	Mike Mahoney	Turning Bowls	DVD	
Closed-End Pens	Ed Davidson		DVD	
Decorative Utility Bowls	Trent Bosch		DVD	
Hollow Forms and Urns	Mike Mahoney	A Workshop	DVD	
Hollow Forms the Easy Way	Lyle Jamieson	Hollow forms	DVD	3
McNaughton Center Saver	Mike Mahoney	Center saver	DVD	2
Pyrography	Molly Winton	Wood burning	DVD	
Relief Carved Embellishments for Woodcarvers and Woodturners	Tony Cortese	Embellishments	DVD	

Inventory of Literature - Continued

Title	Author	Subject Matter	Format	# of copies
Relief Carved Embellishments for Woodcarvers and Woodturners	Tony Cortese	Embellishments	DVD	
Segmented Turning :A Learning Experience	Bill Kandler	Segmented turning	DVD	
Square Oriental Box	Jimmy Clewes	Turning a square box	DVD	
Starting Out Woodturning	Robert Sorby	Introduction to woodturning A guide to getting the maximum from your wood with a minimum of problems,	DVD	
The Aesthetics and Properties of Wood	John Jordon	2 Volume Set	DVD	
The Ellsworth Signature Gouge	David Ellsworth	Using Signature Gouge	DVD	
The Skew Chisel	Alan Lacer	The dark side the sweet side	DVD	
The Son of Skew	Alan Lacer	Challenge Projects for a Skew Duet	DVD	
Turn it On	Jimmy Clewes	3 Volume Set	DVD	
Turn it Up	Jimmy Clewes	3 Volume Set	DVD	
Turned Bowls Made Easy	Bill Grumbine	From a log in the forest to a bowl you will be proud to give or sell to anyone	DVD	
Turning for Food	Nic Cook	Kitchen Related Projects	DVD	
Turning Pens Video II	Kip & Rex	Pen Making	DVD	
Turning Pens Video II	Kip & Rex	Pens plus tips and tricks	DVD	
Turning Projects	Richard Raffan		DVD	
Turning the World with Jimmy Clewes	Jimmy Clewes	3 Volume Set	DVD	
Vessels of Illusion	Trent Bosch		DVD	
Whale Bone	Max Prosi	Richmond Woodturners 7/18/19	DVD	2
Woodturning Tools	Robert Sorby	Using tools	DVD	
Woodturning: Shopmade Tools and Jigs	Alan Lacer	Making woodturning tools	DVD	
American Woodturner		Summer 2005, Vol 20, No 2	Periodical	
Segmented Turning: A Complete Guide	Ron Hampton		Periodical	
Woodworking Projects	Sunset Magazine		Periodical	
American Woodturner Fall 2004		Holiday projects, funeral urns, turner's bandsaw	Periodical	
American Woodturner Spring 2004		5 Giants in turning: Prestini, Stocksdale, Moulthrop, Lindquist. Osolnik	Periodical	
American Woodturner Winter 2005		Layered bowls, lidded ball, segmented school	Periodical	

Directions to borrow any items See (is being developed by Meg Turner)

Tools to Borrow - Closed for the time being



Threading Set



Set of Hollowing Tools



Spiral Texturing Tool



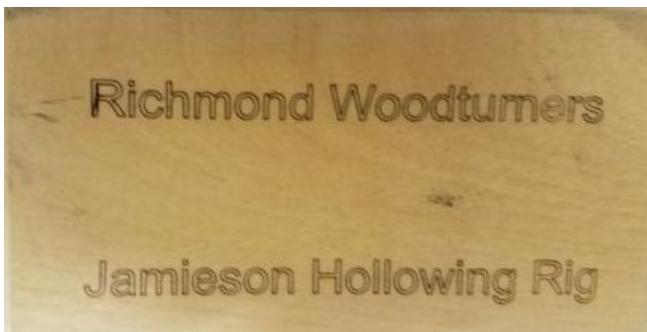
Chatter Texturing Tool



Spiral Texturing Tool



Spindle Gouge



Jamieson Hollowing Rig large 3 X 12 X 24
Wooden Box



Two sets of tools

Drill Bit Size Decimal Equivalents

Dec. Equiv.	Drill Bit Size									
0.0135"	80	0.0781"	5/64"	0.1660"	.19	0.3020"	N	0.6094"	39/64"	
0.0145"	79	0.0785"	.47	0.1695"	.18	0.3125"	5/16"	0.6102"	15.5 mm	
0.0156	1 1/64"	0.0787"	2.0 mm	0.1719"	1 1/64"	0.3150"	8.0 mm	0.6250"	5/8"	
0.0160"	78	0.0810"	.46	0.1730"	.17	0.3160"	O	0.6299"	16.0 mm	
0.0180"	77	0.0820"	.45	0.1770"	.16	0.3230"	P	0.6406"	41/64"	
0.0200"	76	0.0827"	2.1 mm	0.1772"	4.5 mm	0.3281"	.21 5/64"	0.6496"	16.5 mm	
0.0210"	75	0.0860"	.44	0.1800"	.15	0.3320"	Q	0.6563"	21/32"	
0.0225"	74	0.0886"	2.2 mm	0.1820"	.14	0.3346"	8.5 mm	0.6693"	17.0 mm	
0.0240"	73	0.0890"	.43	0.1850"	.13	0.3390"	R	0.6719"	43/64"	
0.0250"	72	0.0906"	2.3 mm	0.1875"	3/16"	0.3438"	11/32"	0.6875"	11/16"	
0.0260"	71	0.0935"	.42	0.1890"	.12	0.3480"	S	0.6890"	17.5 mm	
0.0280"	70	0.0938"	3/32"	0.1910"	.11	0.3543"	9.0 mm	0.7031"	45/64"	
0.0292"	69	0.0945"	2.4 mm	0.1935"	.10	0.3580"	T	0.7087"	18.0 mm	
0.0310"	68	0.0960"	.41	0.1960"	.09	0.3594"	23/64"	0.7188"	23/32"	
0.0313"	1 1/2"	0.0980"	.40	0.1968"	5.0 mm	0.3680"	U	0.7283"	18.5 mm	
0.0320"	67	0.0984"	2.5 mm	0.1990"	.08	0.3740"	9.5 mm	0.7344"	47/64"	
0.0330"	66	0.0995"	.39	0.2010"	.07	0.3750"	3/8"	0.7480"	19.0 mm	
0.0350"	65	0.1015"	.38	0.2031"	13/64"	0.3770"	V	0.7500"	3/4"	
0.0360"	64	0.1024"	2.6 mm	0.2040"	.06	0.3860"	W	0.7656"	49/64"	
0.0370"	63	0.1040"	.37	0.2055"	.05	0.3906"	25/64"	0.7677"	19.5 mm	
0.0380"	62	0.1063"	2.7 mm	0.2090"	.04	0.3937"	10.0 mm	0.7813"	25/32"	
0.0390"	61	0.1085"	.36	0.2130"	.03	0.3970"	X	0.7874"	20.0 mm	
0.0394"	1.0 mm	0.1094"	7/64"	0.2165"	5.5 mm	0.4040"	Y	0.7969"	51/64"	
0.0400"	60	0.1100"	.35	0.2188"	7/32"	0.4063"	13/32"	0.8071"	20.5 mm	
0.0410"	59	0.1102"	2.8 mm	0.2210"	.02	0.4130"	Z	0.8125"	13/16"	
0.0420"	58	0.1110"	.34	0.2280"	.01	0.4134"	10.5 mm	0.8268"	21.0 mm	
0.0430"	57	0.1130"	.33	0.2340"	A	0.4219"	27/64"	0.8281"	53/64"	
0.0433"	1.1 mm	0.1142"	2.9 mm	0.2344"	15/64"	0.4331"	11.0 mm	0.8438"	27/32"	
0.0465"	56	0.1160"	.32	0.2362"	6.0 mm	0.4375"	7/16"	0.8465"	21.5 mm	
0.0469"	3/64"	0.1181"	3.0 mm	0.2380"	B	0.4528"	11.5 mm	0.8594"	55/64"	
0.0472"	1.2 mm	0.1200"	.31	0.2420"	C	0.4531"	29/64"	0.8661"	22.0 mm	
0.0512"	1.3 mm	0.1250"	1/8"	0.2460"	D	0.4688"	15/32"	0.8750"	7/8"	
0.0520"	55	0.1285"	.30	0.2500"	1/4	E	0.4724"	12.0 mm	0.8858"	22.5 mm
0.0550"	54	0.1360"	.29	0.2559"	6.5 mm	0.4844"	31/64"	0.8906"	57/64"	
0.0551"	1.4 mm	0.1378"	3.5 mm	0.2570"	F	0.4921"	12.5 mm	0.9055"	23.0 mm	
0.0591"	1.5 mm	0.1405"	.28	0.2610"	G	0.5000"	1/2"	0.9063"	29/32"	
0.0595"	53	0.1406"	9/64"	0.2656"	17/64"	0.5118"	13.0 mm	0.9219"	59/64"	
0.0625"	1/16"	0.1440"	.27	0.2660"	H	0.5156"	33/64"	0.9252"	23.5 mm	
0.0630"	1.6 mm	0.1470"	.26	0.2720"	I	0.5313"	17/32"	0.9375"	15/16"	
0.0635"	52	0.1495"	.25	0.2756"	7.0 mm	0.5315"	13.5 mm	0.9449"	24.0 mm	
0.0669"	1.7 mm	0.1520"	.24	0.2770"	J	0.5469"	35/64"	0.9531"	61/64"	
0.0670"	51	0.1540"	.23	0.2810"	K	0.5512"	14.0 mm	0.9646"	24.5 mm	
0.0700"	50	0.1563"	5/32"	0.2813"	9/62"	0.5625"	9/16"	0.9688"	31/32"	
0.0709"	1.8 mm	0.1570"	.22	0.2900"	L	0.5709"	14.5 mm	0.9842"	25.0 mm	
0.0730"	49	0.1575"	4.0 mm	0.2950"	M	0.5781"	37/64"	0.9844"	63/64"	
0.0748"	1.9 mm	0.1590"	.21	0.2953"	7.5 mm	0.5905"	15.0 mm	1.0000"	1"	
0.0760"	48	0.1610"	.20	0.2969"	19/64"	0.5938"	19/32"			



Contact the store at:

Phone: 804-355-3945

Fax: 804-355-2532

Email: richmond-retail@woodcraft.com

9862 West Broad Street

Glen Allen, VA 23060

Organizations such as the Richmond Woodturners, Richmond Penturners and James River Woodcarvers would not exist if it weren't for the kindness of their sponsors. We are blessed and grateful to have the Richmond Virginia Woodcraft store supporting us and our activities. Members get a 10% discount on meeting nights for most turning related items.

Please remember this and support them at every opportunity!

For the classes provided at this location see:

<https://www.woodcraft.com/stores/richmond/classes>. Look for classes taught by Ray Deyo, Clark Brummett, David Sterling, Brian Noble-Marx and others.