



Contains September 2020 Minutes

October 2020

NO MEMBERS OR VISITORS SHALL ENTER OR EXIT THE CAMP VIA THE CHRISTMAN ROAD ENTRANCE. MEMBERS MUST ENTER AND EXIT FROM MT.PLEASANT ROAD.

**BUCKEYE WOODWORKERS
AND WOODTURNERS
September 12th, 2020**

Anyone wishing to submit pictures for the newsletter please send them to the editor within two days of the meeting

*******Note*******

**Buckeye Woodturners Meeting
ZOOM online meeting
September 12, 2020**

*Respectfully submitted,
Mark Stransky*

The September 12, 2020 meeting of the Buckeye Woodworkers and Woodturners was held via Zoom video conferencing. Dirk Falther hosted the meeting. There were more than 35 members signed in for the meeting. Today's demonstrator will be Dave Landers of Estes Park, Colorado. Dave will be demonstrating turning a three-piece goblet.

Brent Wells welcomed all to the meeting. Before Dave started his demonstration, Brent made the following announcements to the members.

One new member has joined BWWT – Carl Hosfeld has a shop with a small lathe that he has used for repairs. He would like to improve his woodturning skills.

Next month's demonstrator will be Mike Mahoney.

Any member who would like to volunteer to be an officer for the coming year should contact any mem-

ber on the Executive Board. Nominations will be made in October with elections in November. Positions are open for Vice-President, Treasurer and Secretary.

Hoby Horn has a number of cedar trees available. The plan is to have a "chainsaw party" with a cookout to cut up and sell the wood. All proceeds from the wood sale will go to the club. Stay tuned for further details on the date.

Since the meeting on September 12, the officers have made the difficult decision to cancel this year's fundraising auction due to the pandemic.

The officers have also decided to participate in the Pens For Troops program this year with Woodcraft sponsorship. If you would like to participate in this, email Mark Stransky (mastran@neo.rr.com) with how many kits you would like to make no later than September 27. Please note that each kit will make 10 pens. Kits include Simline pen kits and wood for all 10 pens. It is hoped that the kits will be available by October 17, with returned pens due back by November 24. These are tentative dates for kit availability and return, depending on how long it takes to get the kits from Woodcraft. Stay tuned for actual dates once we receive the kits. Any questions, email Mark Stransky.

There will be a club Show and Tell Zoom meeting on October 24 at 9:00. Dirk Falther will be sending out the invites ahead of time. Be sure to submit any .jpg images via email to Mark Stransky no later than October 17. Please don't wait until the last minute to send them in. I will take any images you have at any time.

Turning an End Grain Bowl

[Dave Landers](#)

September 12, 2020

*Respectfully submitted,
Mark Stransky*

Brent introduced today's demonstrator, Dave Landers of Estes Park, Colorado. Dave has a website that tells a little bit about him and shows some of his work. The website is www.dlwoodturning.com. Dave will demonstrate making a 3-piece goblet today.



Dave has more than 25 years of woodturning experience. His first lathe was one that he made from a plan in Wood Magazine. He used that lathe for over 20 years before he bought a new lathe. Dave is a self-taught woodturner whose work includes bowls, boxes, platters and of course goblets.



His demonstration today will be a three-piece goblet with a black ash burl bowl and base with a hard maple stem. The stem that he makes will be died with india ink so that it is similar in appearance to ebony. Dave makes his goblets with the same species of wood for the bowl and base with a contrasting wood for the stem. The base usually is around 2/3 of the diameter of the bowl with the overall height ranging from 5" to 10" or 12".

Dave started off by mounting the bowl blank in his lathe. He mounts the blank between a steb center and a very small live center made by Cindy Drozda. The steb center does a better job of holding the blank with the bark



than a four-prong center as it does not allow the blank to slip.

The first step is to round off the blank. He starts his cuts at the headstock end of the blank so the bark and natural edge is less likely to be peeled off. After that he adjusts the blank so that the top natural edge is visually balanced. When he has the blank balanced, he trues up the roundness to the new position of the blank. He then starts to shape the outside of the bowl with a 1/2" bowl gouge.



Dave was then ready to cut the tenon on the bottom of the bowl. He has made up various chuck gages that tell him what size to make tenons and recesses for each of his chuck jaws. The point of the gage is set for one side of the tenon and the opposite

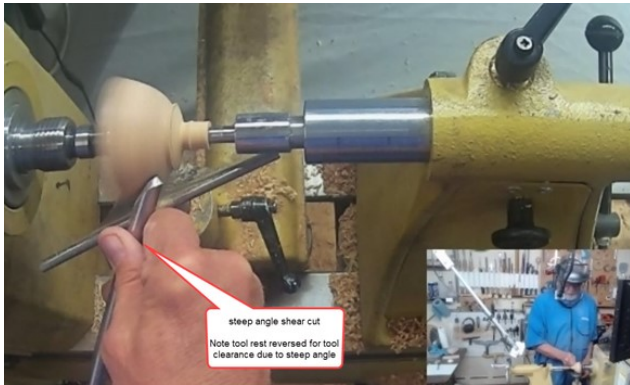


inside corner is used to gage the correct size for a tenon. The opposite outside corner is used to set the correct size for a recess. There is a small notch on the square end of the gage that indicates the depth of the chuck jaws. The gage dimensions are set so that the chuck jaws are at the most round position when gripping the piece.

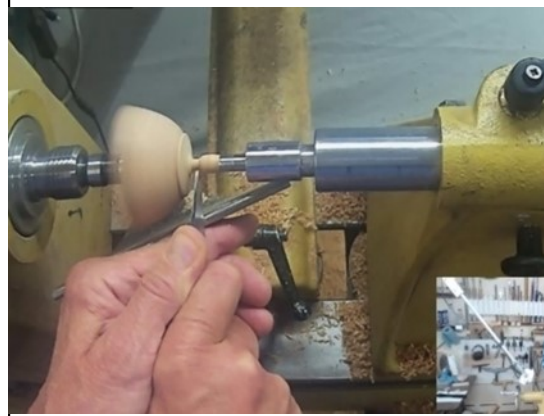
After the tenon is cut on the bottom of the bowl, he uses a high angle shear cut with the bowl gouge to clean the outside surface of the bowl. When that is complete, he sometimes put a



slight radius or chamfer on the edge of the tenon.



It is now time to put a smaller tenon on the bottom of the bowl to attach the bowl to the stem. Dave uses a 15/64" wrench sharpened on the top side to cut this small tenon. He sizes the tenon in an area away from the bowl bottom with the wrench and then uses a parting tool to cut the right size tenon up to the bottom surface of the bowl. After the smaller tenon is cut, he removes the bowl from the lathe and inspects the grain and surface of the bowl to determine if it would be better to leave the natural edge on the bowl or remove it. At this point, the outside surface of the bowl is done.



With the bowl reverse mounted into his chuck, he brings up the tailstock for extra support. The next step is to begin hollowing out the bowl. He uses the bowl gouge to start the cuts from the center towards the rim, making sure to not get too close to the edge of the rim at this point so that he doesn't risk getting a catch on the uneven natural edge. After he makes several hollowing cuts he backs off the tailstock so that he can continue hollowing the middle of the bowl. It is important to keep the wall as uniform as possible so that when looking down at the finish bowl the wall is consistent all around the natural edge. If the wall varies in thickness, it will be very apparent in the finished piece.





When Dave is cutting close to the edge of the rim, he closes up the flute on his gouge so that it is almost vertical and after the cut is started, he rolls the gouge open rubs the bevel as he cuts down the side of the bowl. It is important to make very light cuts at this point. After the bowl is cut to depth, he sometimes uses a negative rake scraper to clean up the surface on the inside of the bowl. A bottom bowl gouge can also be used for this if the gouge is not too large. It is now time to make the base. The blank Dave used is about 2" diameter and 3/4" thick. He mounted it in a chuck and cut a simple curve across the top. He then cut the diameter to about 2/3 of the diameter of the bowl. After he cut the diameter, he put a slight undercut on the edge so the completed goblet has a little bit of "float" from the surface it sets on. The next step is to cut a hole for the tenon on the stem to fit into. This hole needs to be flat bottomed because it is only about 1/16" deep. The best way he had found to do this is with a 1/4" straight cutting router bit. If he was to use a wood cutting bit or a brad point bit there is a risk of going through the bottom of the base with the hole.



After cutting the hole, it is time to reverse the base to finish the bottom. Dave didn't use a chuck to mount this; he has made up a contoured jig that fits in his chuck jaws where the contour is close to matching the curve of his base. There is also a small pin cut in the jig that centers the base in the jig. He uses the tailstock to provide support during the initial cuts to finish the base.

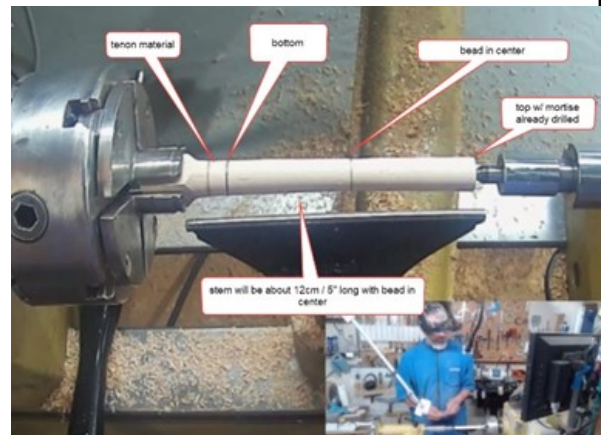
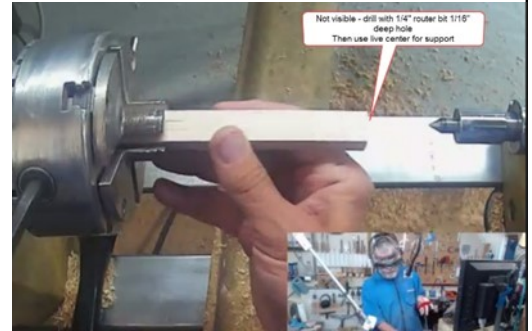


The next step is to trim the base so it is the correct diameter and thickness. After this is done, he cuts a small rim on the edge of the base that the goblet will sit on. In order to finish off the bottom, he uses tape to hold the base in the jig. The tape that he uses is a high tack tape used for concrete, brick and grout. Before backing off the tailstock, he removes most of the small nub on the bottom of the base. To finish off the bottom, he

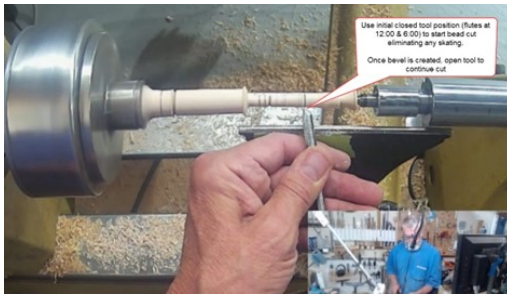


backs off the tailstock carefully removes the remaining nub from the bottom. The base is now done and can be removed from the fixture.

The final piece to be made is the stem. Dave chose a piece of straight grain maple that he mounted in chuck with pin jaws. The first thing he did was clean up the end and then cut the end slightly concave so that it would cleanly meet up with the bottom of the bowl. He then cut a 1/4" flat bottom hole 1/16" deep in the end using the router bit as he did previously.



Dave then brought up the tail-stock, using a cone center to support the piece. After making it round, he

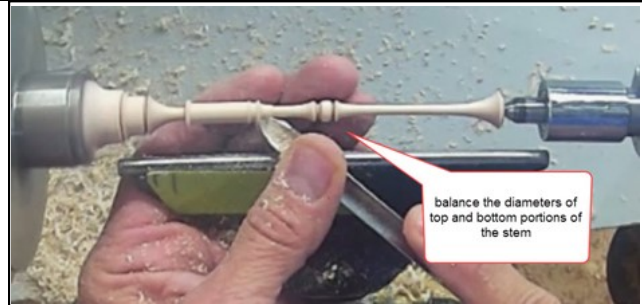
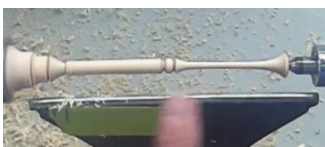
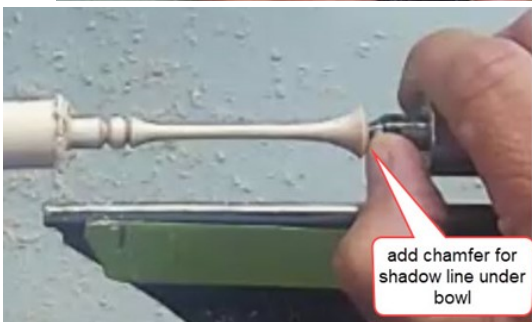


determined where the center of the stem was and the overall length. There will be a bead detail in the center of the stem. He started out with cutting a cove in the end and then turning a thin section down to the



center. He then cut the bead in the center of the stem. After that he put a slight

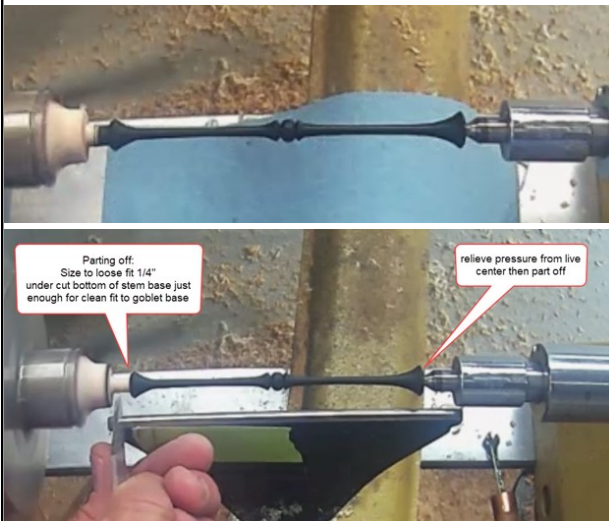
chamfer on the very top next to the cove to create a shadow line where the stem meets the bowl. He finally turned the section between the cove and the bead to a very thin section.



After the top half of the stem was complete, he repeated the process on the bottom half, starting at the bottom and working his way up to the bead. After he was satisfied with the stem, it was time to apply the india



ink. Dave put on one coat that dried quickly. He said that he sometimes needs to sand the first coat as the ink might raise the grain. After sanding he then puts on a second coat of ink.



After he has the ink applied, it is time to put a small tenon on the bottom where the stem is assembled to the base. He uses the same 15/64" wrench to make this bottom tenon. After the tenon is done, he puts a slight concave undercut on the bottom of the stem to meet the base. The last step is to part off the stem from the blank. Dave advised that it is a good idea to slightly back off the tailstock only until the live center stops turning to relieve pressure on the tenon so that it doesn't break off.

With the stem complete, it was time to decide if the chucking tenon on the bottom of the bowl should be kept or removed. Dave showed a small chuck that he made that would loosely fit the



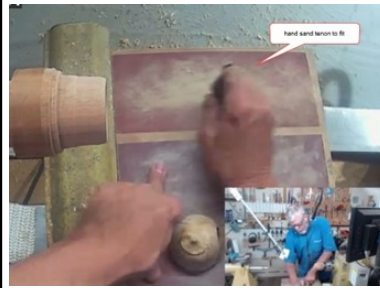
small bowl. In order to use it, a small piece of padding was placed between the bowl and the chuck. The tail stock was then brought up and a cone center was used to support the end of the chuck. At this point the chucking tenon could then be carefully removed using very light cuts. The small tenon on the bottom of the bowl could also be cut down to make it easier to remove. While this is the method that Dave

uses to clean this up, he did not do this on the demonstration piece.

It is now time to assemble the goblet and apply the finish. The first thing to do is dry fit the small tenons on the bowl and stem into the holes in the stem and base respectively.

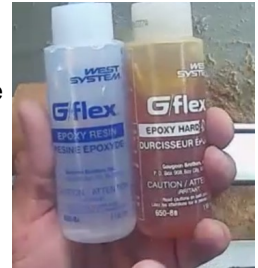


Dave uses a small wooden panel with various grits of sandpaper attached to sand down the tenons to fit the holes.



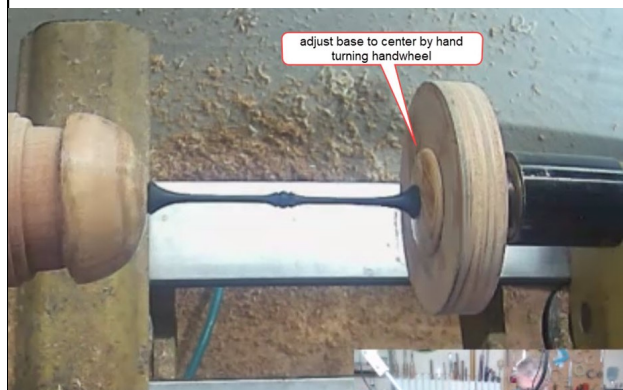
After the dry fit is satisfactory Dave mounts a small wooden circular plate to the threads on his live center. He made this by cutting out a piece of plywood and then using epoxy to attach a 3/4-10 hex nut to the back of the plate. This provided a flat surface to help with assembly.

The glue that Dave uses to assemble the goblet is an epoxy with a very long cure time. This allows him to make any necessary adjustments during the glue up process. He carefully applies epoxy to the tenon to be glued and then inspects the fit to make sure there is adequate



glue coverage. After he has applied the glue to assemble the goblet, he clamps it up on the lathe using the circular plate and the small chuck that he uses to fine tune the bottom of the bowl. When he initially clamps the goblet together, he rotates the live center to make sure that everything is centered up so the goblet is straight after the glue dries. When he is satisfied with the assembly, he leaves it clamped into the lathe overnight.

After the glue has dried, Dave applies six to eight coats of spray lacquer. When the final coat is dry he lightly sands the goblet with 4-0 steel wool and then



applies two or three more coats of lacquer.

To see the complete demonstration of Dave making this goblet, see the Resource section of the club website for the video.

TIPS AND TRICKS AND QUESTIONS – OH MY!!!

Last month I inaugurated the Tips and Tricks and Questions section of the newsletter. Unfortunately, the response was less than I had hoped. So this month I am re-running this marvelous piece of journalistic prose. In addition, while thinking about why the response being what it was, I thought “maybe someone just missed it in the newsletter” or “I wonder if anyone is actually reading the newsletter?” So this month I am putting in a little test to see how many people are actually reading the newsletter. Here is how it will work: the first dues paying member to see the word “WINNER” buried somewhere in the newsletter and emails back to me that they have found it and where in the newsletter it was, will win a wonderful PRIZE of their choosing. The prize will be either a Hartville Hardware gift card or a woodturning blank out of my personal stash of blanks (don’t worry – I promise to make it worthwhile). Since the officers, advisors and newsletter editor will know about this ahead of time, they will not be eligible to win (no Brent -you ain’t gonna get this one). For extra points (that will mean absolutely nothing) if the winner includes a tip, trick or question I might consider something extra special for the winner (like maybe a free donut when we start having meetings again). I subscribe to several woodworking and woodturning magazines. One of the first things I look for in each issue is the “Tips and Tricks” that appear. How about if we start a column in the club newsletter for some of the good ideas that all of us use (I know that I can use a little help in this department). If anyone has any tips and tricks they want to share, send them to me (include any relevant pictures or drawings that can be emailed) within 3 days of each meeting and I will include them in the monthly newsletter. It could be on any woodworking or woodturning topic. It also could be a short explanation of something that was seen in a demo. This would *WINNER* be a good way to keep everyone involved in what the club is doing since we have not been able to get together during the pandemic. Who knows – you might have the answer to one of the great mysteries of woodturning and you don’t even know it yet! If this works out to be a good idea, I would even continue it after the pandemic when we can get together and exchange tips face to face.

In addition, if anyone is stumped on something, send me your questions and I will survey some of the more experienced members and hopefully get an answer to whatever is holding up your success. If you have any kind of question on something you have seen in a demo or have thought about while enjoying a cool beverage on the front porch, this is your chance to maybe get an answer. This can take the place of some of the conversations that always happened before and after our meetings every month. All I ask is that you keep your questions about relevant things that we do. I am not really qualified to find the answer to the meaning of life or any-

thing political.

I hope to get some tips, tricks and questions in time for the next newsletter.

SAFETY NOTE

Be sure to use proper safety equipment including eye, hearing and breathing protection whenever you are working on projects in your workshop. Make sure that you fully understand and follow the safe operating procedures for every piece of equipment that you use.

Calendar of Events

PLEASE NOTE

BWWT MEETINGS ARE HELD ON THE SECOND SATURDAY OF EACH MONTH BEGINNING AT 9:00AM

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BWWT Library Online Guide brought to you by the BWWT Club Librarians, Dirk Falther and Bob Hasenyager.

The online guide lists the books and videos that are available in our club library along with descriptions on the subject matter and other useful information. Follow the link below to check it out.

<http://uh.cx/uVS1S>

BWWT OFFICERS FOR 2020

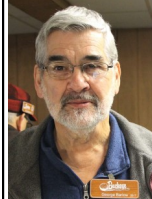


President

Brent Wells

330-606-6724

thegrumpywoodchuck@gmail.com

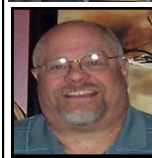


Vice President

George Barlow

330-277-6055

renebarlow22@gmail.com



Secretary

Mark Stransky

330-688-1690

mastran@neo.rr.com



Treasurer /Member Admin.

Dirk Falther

330-310-4570

dfalther3@att.net



Librarian

Bob Hasenyager

330-334-8314

bobhasenyager@gmail.com



Newsletter Editor

Keith Bellamy

330-221-2845

akbellamy@gmail.com