



Contains April 2010 Minutes

May 2010



Tool Presentation
Hoby Horn
April 17, 2010

This demonstration by Hoby Horn was designed to show members how to present the tool to the wood blank and get the best cutting action. The first suggestion that Hoby gave was how to cut a bowl blank out of a half log. He showed where the blank was in relation to the log segment and then how it is cut out and used for the bowl. He then demonstrated how the blank was to be mounted in the screw chuck. He had a hole drilled into the center of what was going to be the top of the bowl. The hole was large enough to fit the solid shank of the screw chuck and thereby allowing the deep set threads on the

screw chuck to penetrate the wood for the optimum holding power. This location of the bowl blank will have the effect of having the grain run perpendicular to the direction of the lathe bed. This means that when taking cuts in the blank, there will be areas where you will be cutting with the grain and areas where you will be cutting against the grain direction. This will result in areas where the cut made by the tool will be smooth and other areas where the tool will leave a rough cut surface. This irregular cutting surface can be rectified by holding the bowl gouge in a different location, with the handle dropped much lower than normally held and with a side cutting surface of the tool doing most of the cutting.

Other tool presentations and cutting suggestions were given as follows:

1. One should use a pull cut to develop the exterior bottom and sides of a bowl when it is mounted in the screw chuck. This is where the tool is presented with the flute of the tool turned over to the left and the tool is pulled toward the individual. This procedure is done so that each grain fiber is backed up by the next grain fiber to provide a very clean cutting surface. Depending on the surface finish, one may begin the sanding procedure with finer grit paper.
2. The push cut is when the tool's leading edge is in the direction of the cut or away from the turner. This cut is generally used

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when you are attempting to hollow out the interior of the bowl blank. The cutting action begins near the outer rim of the bowl blank and then proceeds toward the center of the bowl.

3. The push / pull cut is a combination of the two procedures mentioned above. This would be used in a transitional zone across the bottom of the bowl blank from the foot to through to the outer exterior sides of the bowl. This is done to get a continuous cut from the bottom to the outer top rim. If one runs into some punky wood or soft material in the bowl, one should use a very low angle and the side cutting edge of the tool to cut thin shavings from the softer area. One can also use lacquer or CA glue to harden off the grain fibers to get a cleaner cut.

4. Hoby indicated that one must move their body around to get the best cutting position for the tools. If one does not move his feet as needed, his cut will go off the side of the bowl and he will lose the cutting edge. Do not plant your feet and never move them as the needs demand.

5. When cutting a green bowl blank, the exterior should be turned completely. The interior of the bowl could be turned in two ways. The first would be to turn away the material until the side walls are about 1" thick. Then it could be set aside for drying for about 6 months. Most woodturners use Anchor Seal, which is an emulsion based liquid that prevents moisture from escaping through the end grain. This will prevent splitting or checking of the end grain area of the bowl blank. After the allotted time, one can go back and recut the bowl to the wall thickness desired. Then all that is left would be to sand and apply the desired finish. The second method is to turn the interior of the bowl blank to a 1/4" wall thickness and then let drying occur naturally. There should be no splitting taking place if this method is used. However because of the natural drying technique, there will be some warping of the side

walls of the bowl. This is a natural occurring event. When this method is used, one should cut from the top rim of the interior to approximately 1/3 the depth of the wall area. This area should be finished completely before the next 1/3 area is cut. With stress relief in the wood blank after the cut is made and with the natural drying of the piece occurring, there will be a slight warping procedure taking place. To go back and attempt to recut this area will result in a very poor surface or possibly breaking out of a chunk of the side wall as the tool may hit or miss certain wall areas. It may result in a serious tool catch taking place which will ruin the bowl.



6.

One should shape the exterior of the bowl and watch so that you can eliminate cracks and imperfections. These design adjustments may very well reshape the bowl from the original design intent. The interior of the bowl should follow the same shape as the exterior.

7. If one uses drier wood blanks, it will give a smoother finish right off the tool edge. This will result in beginning sanding procedures where smaller grit sandpaper is used as a first attempt at surface preparation and refinement.

8. One should keep the tool rest smooth with no knicks or depressions. When turning on a bowl blank, as the tool shaft touches or slides over each knick, it will leave a tool mark on the bowl surface. This can be rectified by using a metal file and make several passes across the tool bar to remove the knicks.

9. One can find the sweet spot of the tool cutting edge by placing the tool on the tool rest and let the bevel rub against the wood without any cutting action. Slowly lift the handle and let the cutting edge come in contact with the wood until fine shavings come off the cutting surface.

10. One can use calipers to mark the dovetail recess location on the foot of bowl. These need to be straight calipers or dividers and set the near edge or point into the wood and let it scratch a circular mark for the dovetail location. This must be done very carefully or a serious catch will result. Another method would be to use a pencil to mark the location of the dovetail area.

11. All woodturners should sign their work after it is completed. Most woodturners will sign their name, date when the piece was turned, and type or species of wood that was used. Some turners will cut two light lines into the bottom of the foot and write this information between the two lines. These lines can be set into position by the use of the corner of a parting tool or a bedan. The long point of a skew can also be used.

12. In the hollowing of the interior of a bowl, some turners use a bedan straight scraper. This removes the bulk of the wood and then come back with a bowl gouge to clean up the sides. Some may also use a pull cut for hollowing from the center to the outer rim. Hoby warned that one should stay short of the outer rim so as not to get a tool catch and blow out the side.

13. Hoby warned that one should not take a lot of stock out of the middle of the bowl blank and then try to go back and cut toward the outer rim. It will be out of round at this points due to the fact that a lot of stresses have been released from the wood blank and the rim area will not be misshaped or warped. One should finish the upper rim location first.

14. There will be flat grain in the bottom of the bowl interior and you can move the tool in or out and still get a smooth cut in the bottom.

15. A roughing gouge is a very aggressive tool that is used only to remove bark and uneven areas on a spindle turning with the grain running from the headstock to the tailstock. This tool should not be used on a bowl blank. The shank on these tools are to thin and may bend, but more importantly, you will get a serious catch with the corners of this tool on a bowl blank.

16. With the use of a skew, one should always use the skew with the handle off to the side of the cut at a skewed angle. You should use this tool only on a spindle blank with the grain running from the headstock to the tailstock. To turn beads, one should use the lower 1/3 of the cutting edge. When trying to make a smooth planing cut, one should also use the lower 1/3 of the cutting edge toward the heel of the tool edge. This is the only part of the cutting edge that is supported on the tool rest. To use the upper part of the toe of the skew will result in a serious catch and spiral cuts will be made around the edge of the spindle turning.

Respectfully submitted
Jerry Schaible, sec.

BUCKEYE WOODWORKERS AND
WOODTURNERS
April 17, 2010

The regular meeting of BWWT was called to order by Pres. Bill Stone at 9:30 AM on April 17, 2010. He welcomed all members to the meeting, including three visitors from the Canton area. He indicated that all members should be wearing their name tags so that others could identify who they were. In rewarding the wearing of nametags, he stated that there will be a name drawn later in the meeting of those wearing their name tags and the winning name will be awarded a very nice tool, donated by Hartville Hardware.

The Pres. indicated that the members of BWWT had approved the purchase of AV equipment by the Audio Visual committee, headed up by Ben Fix. The money for these purchases came from an AAW grant, requested by BWWT in January, and by monies approved by the BWWT membership in late 2009. The purchases consisted of a sound system, video equipment, 3 cameras, and a projection screen. All items were ordered after the regular executive meeting and were on site for today's meeting, except the microphone headsets. Those items should be delivered at a later date. Bill mentioned that the projection equipment was already set up for use at today's meeting. Mark Rinehart is responsible for setting up and running the equipment at each meeting. It was under his direction that the specific equipment was ordered, since he is an AV director at the company where he works. After the introduction and explanation of equipment, the membership gave a serious round of applause, showing their appreciation.

Pres. Stone mentioned that the June meeting of BWWT will be held at Keim Lumber Company in Charm Ohio on June 19, 2010. The meeting will begin at 9 AM in the morning in

their conference room. Please note that this is ½ hour ahead of our normal schedule. This is so that there will be more time available for a tour of the Keim facilities and moulding shop as well as their exotic woods room. Members are encouraged to go early so that they can participate in the breakfast buffet offered by the Keim management. It was mentioned that a 10% discount will be offered on all tools and exotic woods purchased by the members. A map and a set of directions will be issued and placed on our website before the next meeting.

The July meeting of BWWT on July 17, will be held at Camp Y Noah pavilion, across the lake from our regular meeting hall. Please enter from the Christman Road entrance near the spillway and dam area of the lake. Parking is available in front of the pavilion. All members are encouraged to peruse their shops for wood and equipment that are no longer needed and donate them to this club auction. This is the biggest money maker for the club. Members are encouraged to bring their equipment and begin the bidding process.

At the October 2010 meeting, we will have Mike Keyes as a demonstrator. He will also make a presentation to the national AAW symposium in Hartford Conn. in June. He will be demonstrating the use of carving to enhance the turned bowl designs. There will be an all day Sat. demonstration. This will be followed up on Sunday and Monday with hands on instruction for eight people each day. The Sat. session is free to all members and there will be a \$50 fee for each day on Sunday and Monday. He will show the use of power carvers for making leaves and animal surface embellishments. Members could turn their bowls on site in the mornings and then carve their bowls during the afternoon sessions. However, it would be best to have your bowls turned previously to coming to the hands on sessions and then spend the entire time with carving instruction

by Mr. Keyes. The format for these sessions would be to have platters, shallow bowls or even some semi enclosed vessels available for the carving techniques. Members are to see Bill Seabolt, Treasurer, for securing a spot for the hands on sessions.

It was mentioned by Pres. Bill Stone that we should watch the area where our members park their cars in the campgrounds. He said that we are entering the summer sessions of the camp and that there will be many children running around the camp. We need to be aware of presence and drive in a very slow manner and restrict our parking to the parking lots that are available for our use. We need to assume that we are driving through a "playground lot" full of children. Parking is restricted to the main parking lot for all members. Those who have medical reasons and/ or equipment to unload may park their cars in the area of Kastner Hall. Those individuals that need to come early, at around 7:30 AM, to set up equipment such as lathes, chairs, tables, and AV equipment may park off the lower road near the water pump house on the graveled area only. This is to be done in order to keep on good terms with the new camp management team.

It was mentioned that the display case in the dining hall needs to have the club projects changed. Ben Fix is requesting that we make some smaller projects to insertion to the display to show off our skills to the summer camp participants.

Bill Stone indicated that there was a complete Shopsmith system available for sale. It has a complete set of accessories available. Contact Bill for the price and phone number of the owner.

Bill Seabolt, treasurer mentioned that he has order blanks for shirts and also name tags available. Shirts come in all sizes, with long and short sleeves. There is some HSS tool steel available at \$5 per piece. All sales

must be paid for first and then the order will be placed for the shirts and nametags.

Ben Fix gave a description of our mentoring program where we have about 10 mentors from Alliance, Ohio to Akron, and on toward Rootstown. Ben will be posting a display board with pictures of the mentors so that they can be identified at the meetings. Members wanting woodturning instructions should ask the mentor about availability of time. It was also noted that this instruction is free to all members. There will be some paperwork that the student will sign to establish the fact that the student is attending the BWWT sponsored program. There will be a release form that will be signed by the student also.

The executive committee recommended that we refrain from requiring all new members to also become members of AAW when they sign up for their first year. The committee felt that the total cost of a BWWT and AAW membership was rather costly for beginning members, particularly during these poor economic times. So as of July 1, 2010, new members will be required to pay annual dues of only \$20. A suggestion will be made for them to join AAW if they have an interest. As their skill or interest in the art of woodturning increases, they may wish to join AAW to further their skills and concern for the art. This opinion was accepted by the membership. It was further noted that all officers of BWWT must be a member of AAW. It was also mentioned that anyone giving a demo or participating in BWWT instructional activities must also be a member of AAW in order to have their insurance program in effect.

George Raeder gave a description for the Wayne Center for the Arts 3rd Annual Woodturning Show to be held in Wooster. The first year there were about 170 pieces submitted with 80 being shown. The second year, there were approximately 70 pieces shown in the festival. George encouraged

others to participate this year to widen the shows experience. The show will be held on July 8 to August 19th of 2010. There will be three judges selected to view the presentations and determine the winners in each category. In May, there will be entry forms available to all members. There will be no charge to visit the Wayne Gallery. The gallery will be open 6 days a week during the showing. This has always been an extremely popular show. There will be a feature artist this year as was the case in past years. These feature artists will have about 40 to 50 pieces of their work on display. After the presentation, a photographic slide show was made to the membership of the past woodturned items that were submitted to the Wayne Center for the Arts.

Respectfully submitted,
Jerry Schaible, Sec.

Calendar of Events

The May meeting will be at Camp Y-Noah on Saturday the 15th

For the May meeting, **Bruce Lance will demonstrate off center turning.** There will be a hands on turning session following the regular meeting.

Up-coming Demonstrations

In June we will go to Keim Lumber in Charm, Ohio for our regular meeting and a tour of their mill. This will be a real treat as their shop is not generally open to the public. A special discount of 10% has been arranged on all tools and exotic woods on that day only. Be sure to read the meeting minutes in this newsletter for more details on this event.

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The October demo will highlight Mike Kehs from Pennsylvania. He is a woodturner / carver and his topic will be to show carved enhancements to our woodturned bowls and vases. He will have an all day discussion on Oct. 16, 2010 and then a hands on session on Oct. 17, with 8 participants in the class. If there is a further interest, he might be able to hold a second hands on session on Monday. The Sat. session will be free but there will be a \$50 fee for each hands on session.

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