



Contains May 2010 Minutes

June 2010



### **Spindle Turning Demo By Ben Fix May 15, 2010**

Ben gave an outstanding demo on spindle turning. It was based on the basic fundamentals of turning an object where the grain is running parallel to the ways of the lathe bed. The following points were stressed:

1. Generally there are two tools that are used most often in spindle turning. One is the spindle gouge and the other is the parting tool. The spindle gouge most often used is the  $\frac{1}{2}$ " gouge and it is measured at the diameter of the tool steel or near the shank of the tool.

Various bevels can be ground on the cutting edge of the tool, but once a comfortable bevel has been found for the turner, it should be ground the same way each time. The parting tool is also used and there are several styles available. The most common is the  $\frac{3}{16}$ " side parting tool that comes with a diamond shape design. This shape has been created so that there will be minimum friction on the sides of the tool as one is making a parting cut deep into the spindle blank. Those parting tools with flat sides will have increased friction or pushback when they are trying to make a cut. Other tools that are used could be the skew, but there is a learning curve that must be achieved prior to making continuous cuts that have a satisfactory finish. Other tools of similar profile can be added to ones possession, and they are usually of different sizes.

2. There are three basic cuts that are used in spindle turning. One of the profiles is a bead, another is a cove, and the third is a straight cut. The bead cut is made with using the parting tool and making a small cut about  $\frac{3}{8}$ " deep into the wood blank on each side of the measured limits of the intended bead. Then take the spindle gouge and cut a profile that looks like a small ball on a spindle blank. This profile is started with a small curved cut from the right edge of the ball down into the groove made by the parting tool.

Successive light cuts are made until the ball

*(Continued on page 2)*

is formed. Take only small cuts until the right profile of the bead has taken shape. Then create the left side of the bead using the same manner. The tool direction that is used on the gouge is to set the tool in position so that the bevel is rubbing on the wood blank but it does not have a cutting action. Then raise the handle of the tool until the cutting of the wood takes place. Then move the handle up a little bit further and rotate the tool to the right as you proceed down into the right spindle cut. The opposite action is necessary when making the cut to the left of the bead. Rotate the tool to the left and raise the tool handle as the bead is formed.

3. Always cut the wood fibers in a down hill motion so that wood fibers are backed up by the following fibers. This gives a very clean cut and the bevel of the tool will rest on the previous cut areas. To cut up hill is essentially "cutting against the grain" and this will result in chip out or rough cut surfaces since there are no back up fibers to the ones being cut.

4. The cove cut is made by starting on the right side of the intended cove and make light cuts down hill into the cove bottom or valley of the cove. Stop at the bottom of the cove and level out the gouge. To complete the cove, begin on the left side and make a cut down into the cove bottom or valley of the segment. Again flatten out the cove at the bottom and join the two cuts for a smooth cove. Continue cutting until the desired dimensions of the intended cove are met.

5. The straight or level cut is made with either the gouge or the skew. The gouge can be held with the handle in a very low profile and then cutting with the side of the bevel or cutting edge and move along the spindle blank. A very smooth cut can be made. One should aim for a 45 degree angle between the cutting edge and the direction of the rotating blank. The skew can also be used but here care must be taken so that the

skew is held so that only the bottom 1/3 of the tool near the heel of the grind is doing the cutting. This is the supported edge or side of the tool on the tool rest. To cut higher near the toe of the skew will result in a serious catch of the cutting edge into the wood. This will result in a spiral cut around the wood blank and then creative design adjustments will have to be made. If mastered, the planing cut by the skew will leave a very fine smooth surface.



***Ben demonstrates a straight cut with a skew***

6. The types of spindle projects that can be made with these cuts are mushrooms, spinning tops, Christmas trees, whistles, garden dibles, bells, door stops and many more decorative pieces.



7. If one is using limb or branch material, a roughing gouge or a spindle gouge can be used to remove the bark and other rougher material. One should never use a roughing gouge on a bowl blank.

8. A skew can also be used to make beads but one must use the lower heel area of the tool to make the cuts. One sets the lower part of the tool on the tool rest and makes a cut into the wood where the heel makes a very thin cut on the side of the intended bead. Several light cuts will have to be made until the profile takes shape. Again, the tool is rolled into the side of the bead at the same time that the handle is raised to provide the wood cutting action.

9. In sharpening the skews, some people hone the edge of the tool with a very fine sharpening stone. Others take the tool from the grinder straight to the spindle blank and begin cutting. Those who hone their tools make the claim that they are removing all the fine little burrs of metal that occur after sharpening on the grinder. Those who do not hone indicate that the metal burrs are removed as soon as the tool touches the wood blank and therefore there is no need to waste time with the honing action.

10. One should practice on 2x2 pine that has been cut on the band saw. Soft woods will be easy to turn and indicated quickly where the rough surfaces of the cutting action have occurred. One should move to hardwoods after the basic skills of spindle turning have been learned.

We would like to thank Ben for an outstanding demonstration of spindle turning. There were many questions asked in the Q and A session that followed and Ben provided outstanding answers.  
Respectfully submitted,  
Jerry Schaible, Sec.



Above is a map to Keim Lumber at Charm Ohio. The interactive version is available at [www.keimlumber.com](http://www.keimlumber.com). If you go to the website and click on "Map to Keim" on the home page, it will bring up the above map. Clicking on their map will take you to Google Maps where you can get a larger map and driving directions. (Clicking on my map won't get you anything)

For most of us, the best option is to take Rt. 77 south to Dover, follow Rt.39 west to Rt. 62, south-west on 62 to 557 and then south on 557 to Charm.

BUCKEYE WOODWORKERS  
AND WOODTURNERS  
May 15, 2010

The regular meeting of BWWT was opened by Bill Stone, welcoming all members to the meeting. As the first order of business, he indicated that the next meeting of BWWT will be at the Kiem Lumber Company in Charm Ohio. The meeting will begin at 9 AM on June 19, for a business meeting. The president intends to have a short business meeting in the conference room, so that a tour of the molding shop for company can be viewed later.. When the tour ends, all members are encouraged to browse through the store and exotic woods section at their leisure. There will be a 10% discount available to all members of the BWWT. There will be a fine buffet served in the Carpenters Restaurant at 7AM prior to our meeting. Members were encouraged to participate in this fine food offering.

In July, there will be the annual club auction, located at the pavilion across the lake from our current meeting location in Kastner Hall. The entrance will be off of Cristman Road, which is west of Camp YNoah. Members were encouraged to bring any unused items in their shops or possibly in their inventory of wood supplies and donate them to the auction. All proceeds from this auction will be donated to our club treasury to help pay for the costs of running the club. This auction will be on July 17 and all members were encouraged to attend.

In August we will have a heavy compliment of about 400 campers attending Y Noah festivities. It was recommended that we park in the pasture on the north side of Camp YNoah with entrance off of Cristman road toward the horse barns. There will be a shuttle available to take members to Kastner Hall for our regular meeting. We do not want to impact the campers with our additional traffic.

The Christmas Dinner for BWWT will be held on Sat. Dec.11, 2010. Please include that on your calendar so that you can attend.

Pres. Stone mentioned that the video and audio equipment that we purchased with AAW funds will be used today in the demonstration. Please note the improved quality of our equipment and the ease of listening to the speakers in their demonstrations.

Bruce Lance is currently scheduled to give the demo today on offset spindle turnings.

All members were encouraged to wear their name tags for identification purposes. One member will be recognized for his wearing of the name tag and be given a prize from Hartville Hardware. This month the prize was "Drill Bits in a Box". This is a handy device that holds drill bits in an organized manner for use around the house or on the job.

Bill presented an email from Cindy Drozda where she had taken a small piece of wood that was donated by Bill and turned it into a very delicate box with a very fine finial. He also had a picture of the piece to pass around to the members for them to admire.

There will be a project for BWWT to do at Camp Y Noah on Tues and Wed of next week, May 18, and May 19. Work will begin around 9 AM at the large bathing house for the young campers. Hoby Horn will be developing work crews to dismantle the counter tops that are currently on site and then building the new ones. This will include remounting all sinks and plumbing fixtures. Counter tops have been purchased and are ready for this installation. Hoby indicated that members attending this work project should bring putty knives and drill drivers as well as other tools that might be needed during the day.

The Camp Y Noah staff will be inviting members to the "Thanks for Giving" dinner that is

scheduled for Nov. 19. This will be for those members who have helped out around the camp by completing projects that will make camping more of a pleasure for the young participants.

Treasurer Bill Seabolt indicated our working balances and stated that he was in the process of selling the shirts that were ordered by the members. He indicated that we were a non profit organization and therefore would offer the shirts at cost to all the members. Bill also made a motion that our club pay for the tuition of one needy student to attend Camp Y Noah during the summer. He moved that we donate \$500 to the camp for the summer activities. Bob Taylor seconded the motion and it was brought up for a vote. The vote passed by voice approval. It was noted that it costs \$415 to attend the camp for one week. It was also observed that the camp administration was very wise in how they handed out their scholarships to the young campers. It was noted that the camper who receives the award, should have the knowledge that his way was paid by BWWT.

George Raeder gave a description of the upcoming art show in Wooster Ohio for the Wayne County Arts Festival. He said that the show will run from July 15, through August 28. There will be an open house on July 15, from 6 to 8 pm. Members are encouraged to attend this opening gala event. George indicated that in order to enter a piece you have to have a number and that number must appear on your turned piece as well as the packaging material that it was sent in. George will be handing out the numbers if you want one. One must submit the pieces by the next meeting which is June 19 or take them to Larry McCardel's house by that date. There will be 8 categories and all items must be placed in cardboard or plastic boxes for shipping. All the proper labels must be attached to the turned piece as well as the packaging materials.

North Coast Woodturners will be the other club that will be submitting members turned items for viewing. Money is being donated by both clubs for the prizes that will go to each selected place in the categories. BWWT had donated \$300 for this event. Ben Fix made the motion for the donation of \$300 and it was seconded by Bob Taylor. This motion passed by a showing of raised hands.

We are again sponsoring a Turn and Learn session for the young campers of Camp Y Noah. This program will begin on June 9 and 10 with instruction for the camp counselors. Each successive Wed. we will teach 10 young campers to turn flower pots and make pens for their personal use. There will be a sign up sheet for the instructors to sign up for the mentoring program. One can also email Ben to have his name placed on the list. We do need about 20 to 22 people to sign up for this mentoring experience. This is done so that there will be extra people to help out when other mentors go on vacation. You need to be a member of AAW to participate in the instruction process.

A raffle was held for the items donated by Hartville Hardware and other wood supplies on the table.

Ben Fix was enlisted as the demo speaker for this meeting due to the absence of the scheduled demonstrator at the last minute. Ben did an outstanding job in his presentation of turning beads and coves for all the new turners. A question and answer session was held later on any topic connected with woodturning. Numerous questions were asked and Ben did an excellent job of supplying answers to the queries. Thanks Ben for an outstanding demonstration on such short notice.

Respectfully submitted  
Jerry Schaible, Sec.

## Calendar of Events

**The June meeting will be at Keim Lumber Co. on Saturday the 19th. A map and directions on page 3.**

Please Note; The June meeting will begin 30 minutes early at 9AM to allow more time for the tour and shopping. There is a restaurant on site that opens at 7:30 AM for those who would enjoy breakfast.

**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.

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.

**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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