



Chatter and Catches

The Newsletter of the Carson Valley Woodturners September 2008



President's Gouge

Our next meeting will be September 13th at 9:00 a.m. at Dave Rich's shop. Visitors are welcome. Our presenter will be our own Paul Cote. His program is described below.

This October we will have two meetings. The first meeting (October 11th) will feature Brad Stave, who will demonstrate burl turning. Pictured at the right is one I turned three years ago under Brad's tutelage. I do not have a firm date from Mike Mahoney, however he did say he hopefully would return in October.



I recently received my renewal membership package from the American Association of Woodturners (AAW). I think it is a great deal at an even better price. It gives us the insurance that we need to function, magazines, and many other perks. Without it we could not have any demonstrations. It allows members to practice their turning skills under the tutelage of the demonstrator or a fellow member. In December we will be electing new officers and collecting dues for the upcoming year. What job are you willing to take on? President?, Vice President?, Treasurer?, Programs?, Secretary?, cleanup crew?, volunteer your workshop for some meetings?

Thanks again to last month's presenter, Mr. Gene Choquette. He gave an excellent demonstration on off-center turning techniques, and also discussed a homebrew finish formula. The components of the finish are 1/3 Watco 'Natural,' 1/3 boiled linseed oil, and 1/3 mineral spirits. An interesting side-effect of the demonstration was an immediate increase in sales at Craft Supply of the chuck adapter ring Gene used in his demonstration. - Dave Rich



This Month's Program

Paul Cote will demonstrate the turning and construction of an 'olde tyme' top. It is described as a top with a yoke and string, and it really hums when spun. It is a great toy for the young and the young at heart! Plans will be handed out at the meeting.



Real Turners Love Dish Soap

During our July meeting, one of our members indicated that he had traveled in Oregon and that a number of turners he encountered were using soap to seal their wood. This got my attention and I turned to the internet. I was able to find a number of articles that discussed the technique of mixing liquid dish soap with water and applying it to the rough turned piece.

A number of the sites I found referenced the web site of Ron Kent and it appears he may have been one of the first to discover the use of dish soap solution for conditioning the wood. The following link takes

you directly to his article describing his findings: <http://www.ronkent.com/technques.php>. Ron's first attempts used Kirkland liquid dish soap with a 1:1 ratio with water. He would then slather a coating of the mixture on the inside and outside of the rough-turned shape, wait a few minutes for the foam to soak in and repeat the process. He would do this as many as a half-dozen times. Ron's article indicated that he had not yet attempted to totally soak the piece in the mixture.

Ron stated that he first used this technique on green wood with excellent results, however, he also used this technique on dry wood with even greater results. He indicated that sanding could be accomplished on the treated piece with good results, and it did not have an adverse effect on his finishing technique of multiple oil-soak, sand, and dry. Ron's article also contains the contents of another article, "The Soap Solution," by Leif O. Thorvaldson, Eatonville, WA. 360-832-4352. It appears Leif took it to the next step by soaking his pieces in the 1:1 solution.

Leif's technique takes green wood, rough turn it, soak overnight, and finish the next day. Sometimes he would leave it on the lathe for several days before finishing the piece. Leif has since taken green wood, rough turned it, soaked it for about four hours, finish-turned it, and finished it in one day. Leif indicated that he had spread the word to other turners, some of whom did not follow the simple recipe which resulted in cracking. Leif also points out that the only slight drawbacks to the soap solution is the wood should be drained for a minute or longer and wiped with a towel while mounting into the headstock, and a plastic sheet should be placed over the ways and eye protection should be worn.

A third article I found on the internet, "SOAP in Your Bowl" by Ernie Conover (http://bellwoodturners.com/Library_articles/SOAP%20in%20your%20bowl.pdf), recommends that you rough turn a bowl from green wood using a rule of thumb of leaving a wall of uniform thickness that is one-tenth the diameter of the bowl. He then recommends immersing the rough turned blank in a solution of 1:6 dish soap to water. Ernie indicated that leaving the blank in the solution for a minimum of three days gives the optimum results.

These are very interesting articles and you should check out these web sites for the complete details. I have not tried this process. However, I have purchased a gallon of liquid dish soap from Costco and plan to try soon. I am sure we would all be interested in the results if anyone else tries this interesting process. – John Compston

Don't Try This at Home

Several years ago as a beginning turner, I made a mistake which could have had tragic results. While turning a piece of Olive wood I noticed a small crack. No problem, I just grabbed some CA glue and started to fill the crack. However, I could not find the bottle of catalyst which would have accelerated the curing or hardening process. Being in somewhat of a rush to finish, I turned the lathe back on . . . and then it happened. I ended up with a stream of CA glue across my face shield. I could have been blinded! That was a close call! I now make sure I use the catalyst and make sure the glue is dry. Most importantly, I use a face shield at all times. – Dave Rich

[Has something happened to you while in the pursuit of woodturning / woodworking that you would like to share with the group?]

Skewed Points

OK, this may be a bit tedious, but it provides information useful to segmented project turners. It also provides formulas for doing some real math (vs. manipulation) in a spreadsheet. The calculations are provided for one-half of a circle or 180 degrees. Creating the spreadsheet is simple. Type the text information in column A into your spreadsheet. Type the formulas contained in the [B-formulas] cells 4-15 into cells B4-B15. Don't forget the '=' sign. Enter the blue numbers from the column B shaded cells.

If you typed in the formulas without error (and if I didn't make any errors pulling this out of a larger spreadsheet), you should get the calculated sample results below. The segment's width, length, and miter angle are shown in red. It may be necessary to use the 'fraction category' to format cells B13 and B15 to display properly. If you have problems or questions, send me a message or give me a call. – Bill Draper

	A	B	[B Formulas]
1	Outer Radius:	8	N/A
2	Inner Radius:	7	N/A
3	Segments:	4	N/A
4	Outer Diameter:	16	=2*B1
5	Inner Diameter:	14	=2*B2
6	Outer Arch Perimeter:	25.13	=PI()*B4/2
7	Inner Arch Perimeter:	21.99	=PI()*B5/2
8	Degrees per Segment:	45.0	=180/B3
9	Outer Segment Perimeter:	6.28	=B6/B3
10	Inner Segment Perimeter:	5.50	=B7/B3
11	Miter Angle at Each End of Segment	22.5°	=B8/2&"°"
12	Decimal Width of Segment:	1.53	=B1-(SIN(RADIANS(180-90-B8/2))*B2)
13	Fractional Width of Segment:	1 17/32	=TRUNC(B12)+MOD(ROUND(B12*64,0),64)/64
14	Decimal Length of Segment:	6.12	=2*(COS(RADIANS(180-90-B8/2))*(B1-B2))+2*(COS(RADIANS(180-90-B8/2))*(B2))
15	Fractional Length of Segment:	6 1/8	=TRUNC(B14)+MOD(ROUND(B14*64,0),64)/64

Woodturner's Web Sites

[Around The Woods](#) – This site contains a large amount of woodturning information. There are numerous woodturning projects in three skill levels. All of them have step-by-step procedures with many photos. There are also lots of tips, techniques, and other items of interest to woodturners.

[Woodturns](#) – These pages contain book reviews, design techniques, finishing techniques, jigs, tool information, and woodturning projects. There are two articles discussing design of segmented bowls using both a computer method and a no math method.

[Do you have a favorite site to share with the members? Send it to the Newsletter Editor.]

Product Safety Note

Robert Bosch Tool Corp. Recalls Hammer Drills Due to Risk of Injury (6/12/2008)

WASHINGTON, D.C. - The U.S. Consumer Product Safety Commission, in cooperation with the firm named below, announced a voluntary recall of the following consumer product. Consumers should stop using recalled products immediately unless otherwise instructed.

Name of Product: Bosch Hammer Drills

Units: About 9,700

Manufacturer: Robert Bosch Tool Corp., of Mount Prospect, Ill.

Hazard: The drill can continue to operate after the trigger has been released, posing a risk of injury to consumers.

Incidents/Injuries: None reported.

Description: The recalled hammer drill is blue with "BOSCH" printed on the side. The model number 1191VSR can be located on the product nameplate mounted on the side of the motor. The product's



packaging will be marked as 1191VSRK (the “K” indicates the hammer drill was packaged with a case in a kit). Only drills with a serial number that begins with “7” are included in the recall.

Sold at: Hardware retailers and industrial distributors nationwide from July 2007 through April 2008 for about \$100.

Manufactured in: Malaysia

Remedy: Consumers should stop using the recalled hammer drill immediately and contact the firm for a free repair.

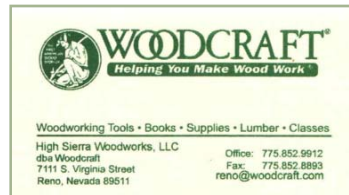
Consumer Contact: For additional information, contact the Robert Bosch Tool Corp. toll-free at (877) 472-0007 between 7 a.m. and 7 p.m. CT Monday through Friday, or visit the firm’s Web site at www.boschtools.com

Wants and Disposals

FOR SALE: Wayne Porter and Dave Rich have large and small walnut blanks for sale. Contact them at the next meeting or call Dave at 775-265-3099.

Resources

The Carson Valley Woodturners wish to express our appreciation for the support provided by generous vendors. Please visit their stores and web sites for your woodturning and woodworking needs.



Craft Supplies USA

Showroom/Store:
1287 E. 1120 S.
Provo, UT 84606

Phone Orders:
1-800-551-8876

www.woodturnerscatalog.com

Dates to Remember

The 10th Annual Rocky Mountain Woodturning Symposium will be held September 13th and 14th at the Larimer County Events Center in Loveland, CO. Thirty-five demonstrations are planned, including ones by Mike Mahoney, Stuart Batty, and Keith Gotschall. For information, call 970-663-1868, or visit www.rmwoodturningsymposium.com.

The Arizona Woodturner's Association will hold its third Desert Woodturning Roundup on February 6, 7, & 8, 2009 at the Mesa Convention Center, Mesa, AZ. Visit www.desertwoodturningroundup.com.

The Nevada Woodchuck’s Lathe Special Interest Group meets monthly on the 3rd Tuesday at 6:30 pm. Their Beginner’s Lathe Group meets monthly on the 4th Tuesday at the same time. Visit <http://www.nevadawoodchucks.org/> for more information.

Newsletter Editor’s Request

Please send your newsletter contributions and suggestions for improvement to Bill Draper via cvwnews@charter.net no later than Monday of the week before the next meeting. The submission deadline for the October newsletter is September 29th.

CVW Meeting Location and Directions

This month’s CVW general meeting will be held in Dave Rich’s shop on September 13th at 9:00 a.m. The address is 665 Rocking Horse Road in the Ruhenstroth area of Carson Valley. We all appreciate Dave’s willingness to hold CVW meetings in his shop.

Carson Valley Woodturners’ Officers

President: Dave Rich – 775-265-3099

Treasurer: Dave Colon – 775 783-8600

Vice President: Wayne Allen – 775-841-5561

Secretary: Al Mason – 775-266-4071