



CAPITAL AREA WOODWORKERS

WOODSHOP ADVISOR



Volume 23 Issue 11

November, 2010



Upcoming Meetings

November 2, 2010 Meeting

(Social Time and dinner 5:15 to 6:30)

Meeting starts promptly at 6:30

MCL Cafeteria

2151 Wabash Ave, Springfield

Program

**Wood Bending and Veneering for
Bow Front Furniture Presented by
Roland Folse and Mike Cortelyou**

**Nov. Open Shop: Woodbending &
veneering demo, Date to be announced**

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October Meeting Notes

By Dick Metcalf

Roland called the meeting to order at 6:30.

Announcements:

- He and Mike Cortelyou were preparing a presentation on wood bending and veneering that he thought we would enjoy.
- John Sheedy has donated a fine set of woodworking manuals to be auctioned off later in the meeting with the proceeds going to the club,
- Todd Scanlon has invited us to visit his workshop located on Woodhaven Road in Rochester. Tom has a different machine for doing each step in the making of cabinets as well as software to develop special designs for his customers. (This was our open shop on Oct. 21, 2010.)
- We have confirmed that Marc Adams will visit us on Jan 8, 2011, for a special event to make presentations on two subjects. The event will be held in someone's shop (to be determined).
- Norm Koerner brought two guests with him tonight: John Furneres and Ricardo Thompson.
- The annual Christmas party will be held on December 1 and it's time for everyone to start thinking about a gift to be made for our spouses who will also attend.

The scheduled presentation, Lathe Turning and Safety. was given by Phil Brooks.



Phil is president of the Chicago Wood Turners and has just put on a wood turners symposium in the

Phil provided a handout and decided to talk first on safety. The following is a summary of Phil's presentation. Lathe turning is the safest tool in the shop because your not pushing your hand into a blade. It can be, also, the most fun tool. Phil asked us to be sure to use the appropriate mask to protect our lungs when turning. His favorite mask is the "Dust be gone" mask because it is so easy to put on or take off. He asked us to also use the appropriate ear protection. Before starting your lathe turning go through a check list to make sure your safety considerations will be used. Phil went on to talk about turning. The first thing we usually think about regarding turning is simply placing wood between centers on the lathe. But there are other ways to turn such as using a chuck.

Wine stoppers are fun things to turn. If you turn 200 wine stoppers, you'll be a good spindle turner. Phil showed us a fixture he designed to prevent breaking the wooded dowel part of the wine stopper.

Phil went on to a more detailed discussion of gauges and scrapers which can only be understood by viewing the slides.

Phil showed us 1.) a roughing gauge which is, more properly called a spindle roughing gauge; 2.) a parting tool.

He also showed us and discussed the turnings shown



Show and Tell

Jim Schriber showed us boxes he made from plans found in Woodsmith Magazine. He had the audacity to tell Woodsmith they made mistakes in the dimensions given in their published plans.



Mike McGrath showed a storage box for sanding disks. Sorry, no picture.

Mike also showed us a blanket chest with hand cut dovetails he made at a class in Berea, Kentucky taught by Kelly Mahler.



Roland Folsie brought in a Shaker rocking chair his son made at a Marc Adams School in Indiana.



Wayne Lovern showed an end table having interesting joinery and design:



The following letter is a follow up message from Phil Brooks to answer questions regarding his talk on October 4, 2010.

Curls from the President's Platter

November 2010

Those of you that have turned wine stoppers using a dowel and cork have probably broken off a few dowels while turning them. They can usually be recovered by orienting the broken dowel vertically on the drill press and drilling out and replacing the broken dowel. However if you would like to avoid the irritation of that ever happening again, consider making the compression chuck shown below. It is used in conjunction with a scroll chuck and provides considerably more support to the dowel than a Jacob chuck, pin jaws or even a collet chuck. The reason it works so well is twofold. First, the dowel is held by virtually the entire diameter over a length of one inch. Second, there is a square shoulder on the compression chuck that fits squarely against the bottom of the stopper blank and the jaws on the scroll chuck fits squarely against the square shoulder on the back of the compression chuck.

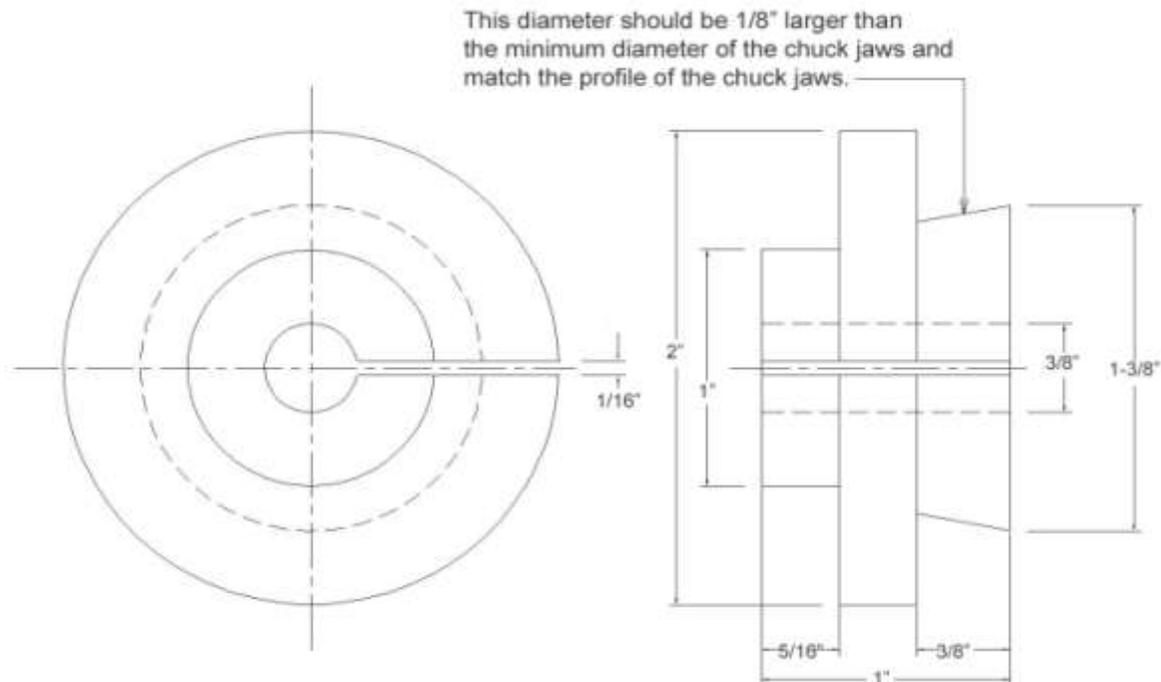


Now, here's how I suggest you make it. Start with a blank roughly 2" x 2" x 1" between centers and turn the tenon for the scroll chuck, as shown on the right side of the profile drawing. The diameter should be approximately 1/8" larger than the minimum diameter of the scroll chuck jaws (to get the maximum surface area touching the tenon) and the profile should match the profile of your chuck. The dimensions and dovetail profile shown are for my Vicmarc 100 with the standard 2" jaws.

After cutting this tenon, remount the piece in the scroll chuck and turn the other two diameters to size. The 1" diameter on the front of the compression chuck is a reference for the finished diameter of the bottom of the stopper. Then using a Jacobs chuck drill a 3/8" diameter hole in the center, completely through the piece. The piece can now be removed from the lathe, laid flat on a bandsaw and held with a clamp to cut the slot on the side. Make sure the cut goes towards the center of the piece. And it's ready to use.

Now get busy, make this chuck so you can confidently make some of those great wine stoppers to bring to the next gallery review. See you then.

Phil



INTERNET NOTES

Advisor by E-Mail

If you are not now receiving the Advisor by email and would like to, please send me your email address at: caw.woodworker@sbcglobal.net. If you change ISPs, please email me your new email address.

Club Web Site

The address is: <http://www.cawspi.org/>. You will find meeting notes, the monthly portrait, and pictures of show-and-tell items, as well as meeting and open shop schedules.

The **WOODSHOP ADVISOR** is a monthly publication of the Capital Area Woodworkers Club. Its sole purpose is to keep members of the club aware of the club activities, special events and new developments in the field. The Advisor is the right of paid membership. Dues of the club are \$20/year if you receive the Advisor via e-mail and \$25/year for the Advisor sent by mail to your address.

Vacuum Pumps For Sale

As the caw meeting closed, Jerry Szachnitowski tried to catch everyone's attention as he had a number of used vacuum pumps for sale. Not everyone heard him. After the meeting, Jerry was challenged to show how to modify the wiring on his old pumps to connect to a 110 volt line and switch, to see if the pump would work. He did in a matter of minutes and the pump does work. He is asking \$12 a piece for the pumps and has a few left. The pumps seem to be adaptable for hooking up with a vacuum bag. Might be a really good deal!