

THE CHIP FLYER



From the President's Notebook

Ahhh, the longer days are beginning. You can now see without lights until just about 6pm. With those longer days comes the desire to get into the shop and get some chips flying. The longer days and not so chilly temperatures means that I can get the shop heated in only an hour or two now. I had a chance to get in to try out a few green hollow forms, with only 2 of the 6 that did not crack 8^ (. Bring on the continued warmer conditions...

Congratulations to the winners of the membership renewal prizes, Everett Vander Horst, John Stone and Harry Defelice. You each have won a \$50 gift certificates of your choice from one of the advertisers in the Chip Flyer. Let me know which advertiser you want the certificate from and I will see about getting them in for the next meeting.

Thanks to Don Svob and all those who helped out at the Niagara Woodworking Show. I seen a bunch of photo's of the day and there looked to be an attentive and it competition was stiff. They looked to have a lot of tool manufacturers onsite to answer questions to talk about the tooling options. Days like this really help the guild with the chance to educate the public about woodturning.

The Hamilton Woodshow (<http://woodshows.com/hamilton>) is at the end of February and they will have a number of woodturning categories available this year in their competition. We have sent out the entry form, listing the available categories: bowls, vessels/hollow forms, spindle and ornamental turnings. They have also asked us to provide a demo a day to the crowds in the demo area. If you are interested helping out with a 45 minute demo, please let me know so we can get their schedule updated. Tom Last has a sign up sheet for our normal booth staffing for Friday, Saturday and Sunday. We will need some assistance in the set-up and the taking down of everything before and after the show.

Glenn Lucas (<http://glennlucaswoodturning.com>) will be in town doing a demo on Saturday April 21st at the guild hall, the tickets are available now. He will be doing the demo at Humber College for TWG on the Sunday. He will be doing a hands-on class at Y-knot Woodturning Studio (class is full) on Friday April 20, with hands-on classes (waiting list) at the Burlington Lee Valley on Thursday April 19 (<http://www.leevalley.com/en/home/SeminarDetails.aspx?p=9566&rs=55>).

The woodturning 101 program is spinning down as we move towards the spring. I think we are down to the last few classes. I want to thanks Brian Ashton for organizing the classes each month and if you have any feed back or ideas, please let Brian know.



Lloyd Butler

Coming up

February 8th
Hands-On /Woodturning 101

February 15th
Kade Bolgar on
woodfinishing techniques

Kevin has continues to have the Hands-on nights rolling along with a great variety of turning topics shown and discussed each month. It is your interest and participation that make these evenings such a success, and for that I thank you.

If you have an interest in stepping up to assist the executive with running the guild and planning the next couple of years, please let us know as we will have a couple of key positions available in June that will need to be filled and I am sure we have enough talented people who could fill these roles with ease.

As mentioned last month, here is a list of the Spring demonstrators so far:

January: Peter Morrell with Christmas ornaments

February: Kade Bolger with wood finishing techniques - (see last month's ChipFlyer for a bio)
(<https://www.facebook.com/KadesCustomCanesAndCarvings/>)

March: Wyatt Walkem (<http://www.wyattwalkemdesign.com>) - (see last month's ChipFlyer for a bio)

April: T.B.D.

May: Spring Competition

June: Annual General Meeting and Elections, demo by Ruby Cler (<http://rubycler.com>)

There are a number of regional woodturning symposiums in the eastern half of the USA coming up over the next few months, and these are great places to learn a few new tricks and really get inspired to develop your woodturning skills. Most if not all also include instant gallery displays as well as tradeshows as well.

January 26-27, Tennessee Association of Woodturners 30th Symposium

February 9-11, Florida Woodturning Symposium

March 24-25, 15th Totally Turning in Saratoga Springs NY

August 3-5, Turn-on! Chicago

Monthly Tip

This Month's tip comes from: <http://aroundthewoods.com/tips.shtml>

A bowl gauge is used to identify how far you have gone in a bowl or vase. Cut a piece of wood as long as you plan on turning a bowl diameter plus a couple of inches. I.e. a guage for ten inch maximum bowls will use a twelve inch long piece of wood. Drill a 7/32" hole at center, rotate the wood 90 degrees and drill a 1/4" hole. Use a 1/4" x 20 tap to thread the 7/32" hole. Insert a piece of 1/4" dowel through the unthreaded hole and a 1/4" bolt or thumbscrew through the threaded hole. The dowel is set to desired depth and the wood piece serves as a stop at the bowl's edges. A hint I learned from Jacques Vessery is to replace the dowel with an antenna from a portable radio when doing long vases. It is light and easily retractable for storage. If you can not find an antenna, I find a magnetic pickup from the dollar store to work well.





Demonstrator Report Peter Merrill Turning spherical Christmas ornaments

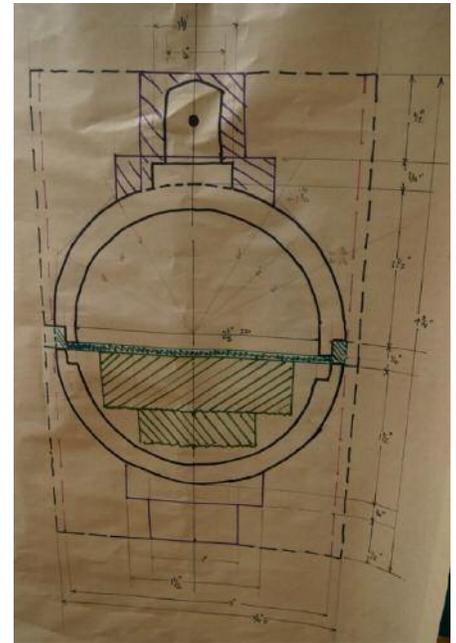
By Maurice Solar



We all know that Peter likes to joke... a lot. In keeping with this spirit, here he is getting ready for the presentation.

Peter started by stating that his technique was an adaptation of the one Ruby Cler uses to produce hollow forms.

The principle is illustrated on the following drawing. The dark lines are the finished outline; the purple and green lines are for stuff to be removed at some point in the process (from both halves).



The first three steps are as follows:

1. To end up with a 3" diameter spherical ornament, start with a block of wood about 4 3/4" long by 3 1/4" square. Mount between centres and round that down to just over 3" in diameter. Mark off sections of 3/4", 1 1/2", 1/4", 1 1/2" and 3/4"
2. Turn tenons at each end about 1" in diameter by 1/2" long with a 1/8" shoulder about 1/4" high. Round off the corners of the 3 1/4" centre section.
3. Turn a 1/4" wide, 1/4" deep groove in the middle of the block. At this stage, the piece would look like shown in Figure 1 below:



1



2



3



4

Peter noted that the original piece of wood typically weighs around 500 g but that the finished ornament is only around 60g. So some 90% of the stock is turned away.

Proceed as follows:

4. Part the piece with a thin parting tool, just to one side of the middle $\frac{1}{4}$ " groove. Oh! Don't forget to put reference marks on the two halves to help you align the wood pattern later on.
5. Select which is the top and bottom depending on the wood pattern. This may not matter all that much if the ornament is going to be decorated, pierced or painted.
6. Start to hollow each half as shown in Figure 2. Peter first uses a 2" forstner bit, going in about $\frac{1}{2}$ " and follows with a 1 $\frac{1}{4}$ " bit for a further $\frac{1}{2}$ " or thereabouts.
7. The ornament is basically a box with hemispherical top and bottom. So Peter takes his time turning the mortise side of the joint, slowly creeping up on a tight fit with the $\frac{1}{4}$ " tenon machined in Step 3 above. See Figure 3.
8. The next step is to finish hollowing the two halves. Peter has made two templates to facilitate this work. He drilled a 3" hole in a piece of $\frac{1}{8}$ " plexiglass and cut it along a diameter. He also trimmed the centre disc to 2 $\frac{1}{2}$ " in diameter. A piece of tape is then stuck along one diameter of this disc. (Peter insists on blue!) This disc template allows him to perfect the cavities to the right depth and curvature.
9. Once that's done, the two halves can be glued using thick CA or carpenter's glue (if you have the time), making sure the reference marks are aligned and using the tail stock to align and press the two pieces together nice and square.
10. The glued piece is then remounted between centres and the top end turned down to its final diameter of about $\frac{1}{2}$ " with $\frac{1}{8}$ " shoulders. This is also the time to drill a small hole in the tenon to allow suspending the ornament from the tree as shown in Figure 4.
11. The next steps involve finessing the outside shape to as close a perfect sphere as possible using the half circle template mentioned in Step 8. Peter uses a spindle gouge for this step. Again, slowly does it. You can also hide the joint between the two halves by burning it with piano wire (adding a few more lines to have people think only of it as decoration), or texture it. Once that is done, the piece can be flipped around using a plastic sleeve to protect the finished tenon and the bottom rounded off, being careful not to put too much force on the top tenon in order not to break in. You can use your imagination to add a pointy end, or plan on finials, etc.



That's it except for the finishing. Peter emphasized that if the wood has an interesting figure, wax, shellac or lacquer would be the preferred finish. If the wood is bland, it can be dyed or painted, covered with metallic foil, etc. The ornament can also be pierced, but if that's the plan, the interior should be sanded and finished before the two halves are glued together. And here are samples of the finished product.

Thanks Peter for your skills and your good humour.

**Featured Demonstrator - Glen Lucas from Ireland. April 21st.**

Glenn Lucas has an international reputation for his proficiency at the lathe and his ability to pass on to students, the skills and knowledge he has gained. He balances his production of classic bowls turned from native Irish wood (set up in 1995), with an extensive teaching programme run from his Co Carlow 'Woodturning Study Centre' (since 2005). A frequent guest Demonstrator at overseas conferences, he also gives Turning Masterclasses at international arts and crafts schools. In October 2010 he produced the first Irish woodturning DVD 'Mastering Woodturning – Tools and Techniques' and in June 2011 launched 'Mastering Woodturning – Bowl Turning Techniques'. In November 2014 'Mastering Woodturning – Sharpening Techniques' was added to the series. The fourth DVD 'Mastering Woodturning - Traditional Irish Platter' came out in December 2015 and the fifth in Jan 2016 is 'Mastering Woodturning - Dublin Viking Bowl'. All the DVDs have been favourably reviewed and are stocked by outlets worldwide. All are also available to download so that Glenn's tuition can be brought into the workshop on your device. In May 2013 a range of Glenn Lucas Signature Woodturning Tools was launched by Craft Supplies USA. Glenn's love of video-making and photography can be seen in the short video clips he makes showing how things are made. In recent years he has been asked by RTE to show his work to young audiences in the series 'Makers' broadcast in Oct 2015 and still on RTE player, and in 2011 in the series CraftMaster (often re run). Watch some of Glenn's short woodturning movies here.

Glen Lucas Movie Clips



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Woodturning 101 - February 8th

Name	Membership No.	Activity	Instructor
<u>September start</u>		Lidded Box	Mike Brazeau
Rod Lippold	758		
John Stone	749		
Paul White	739		
<u>October start</u>		Bowl or Platter	Tom Last
Thom Gallagher			
Jason Felker	726		
Marvin McKeekin	495		
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<u>November start</u>		Sphere	Scott Millard
Roger Tulk	751		
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If you think you have a way with words, we could use your skills and talents. You may have a number of interesting techniques and tips you could turn into an article for the Chip Flyer. If you are interested, contact Tony at communications@ghwg.ca