

FEBRUARY 2016



Joe Nycz demonstrates technique for turning a small bowl and chucking types

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February Demonstration: Small Bowl and Various Chuck Types

Joe Nycz demonstrated how to make a small bowl. He started with a piece of raw wood, a small section of log which he didn't use a bandsaw to preshape. Some of us have bandsaws, but many new wood turners don't. Joe mounted the wood between centers and adjusted the wood until it was fairly balanced (but obviously not round).



He then used a carbide scraper to rough the wood into a round shape. A bowl gouge could also be used for this, but a spindle roughing gouge (and all roughing gouges are spindle roughing gouges) can not. A spindle roughing gouge has a tang which represents a weak point. In the event of a catch it is likely that the tool will break at this point. Avoid injury, only use proper tools for work where the grain is perpendicular to the bed.

Joe used the carbide to put a tenon on the roughed out cylinder. He then went back to refining the shape with carbide scraper. He also demonstrated the use of a bowl gouge in the scraping mode. This gives a smoother cut with less tear out. It is quite hard to get a catch in this manner. Note that the tenon needs a flat surface to mate with the four jaw chuck. The grip strength is only secondary to good surface contact between the bowl blank and front surface of the jaws.



Once the tenon is formed he used a four jaw chuck to mount the piece. He used a bowl gouge for finishing the outside of the piece (fingernail grind, about 60 degree) Joe doesn't move the tool rest out of the way when he sands, but he does run with the lathe in reverse. This avoids the risk of pulling your fingers into the tool rest (I personally recommend taking the tool rest out of the way anyway, we all get forgetful sometimes, and it only takes one burst of forgetfulness and a mistake to cause serious injury)

After finishing and sanding the outside of the bowl Joe starts on the inside. Only thin at most an inch at a time, and move in sections. This minimizes vibrations and avoids chatter.

At the bottom of the bowl Joe leaves little nipple. The nipple is easy to sand off and doesn't leave a mark.

Joe demonstrated his very inexpensive sanding system. A rolex sand-disk with sponge rubber glued on, a sheet of leather and then a square piece of sand paper slightly larger than the disc. His investment in sanding material is then a few dimes per disc. Joe normally uses sanding sealer, he cuts it with 50% alcohol to thin it. When finishing the bottom there are many methods:

- * A donut chuck.
- * A longworth chuck.
- A vacuum chuck (Joe uses this most often)

Joe will use whatever is available as the vacuum source, even a shop vac. A good vacuum source will give a much stronger connection though. ⚡



One of Joe's homemade jigs to drill measured hole distances using the index function on the lathe.

Turning a Tulip

by John Wolf

I was visiting a woodworking store the other day and spotted a turned tulip sitting on a shelf. I don't recall seeing plans for turning one of these, so I hope you find this helpful.

I start with a piece of square straight-grained wood. In this case I'm using stock ripped from a piece of scrap 2 X 4 construction lumber. I have made these tulips in several sizes, but I like those from 1-inch square stock the best. I cut the piece about 6 inches long. The jaws on my chuck will securely hold this size of square stock directly without having to turn a spigot first. Your chuck may require a different approach to hold the stock securely.



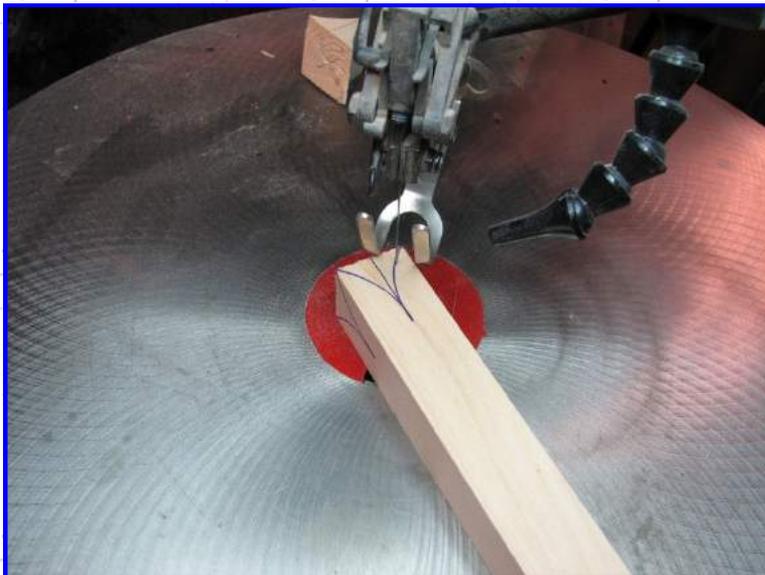
The end of the stock that will become the blossom end of the tulip must have a centerline marked down two adjacent sides for about 1 inch in length.



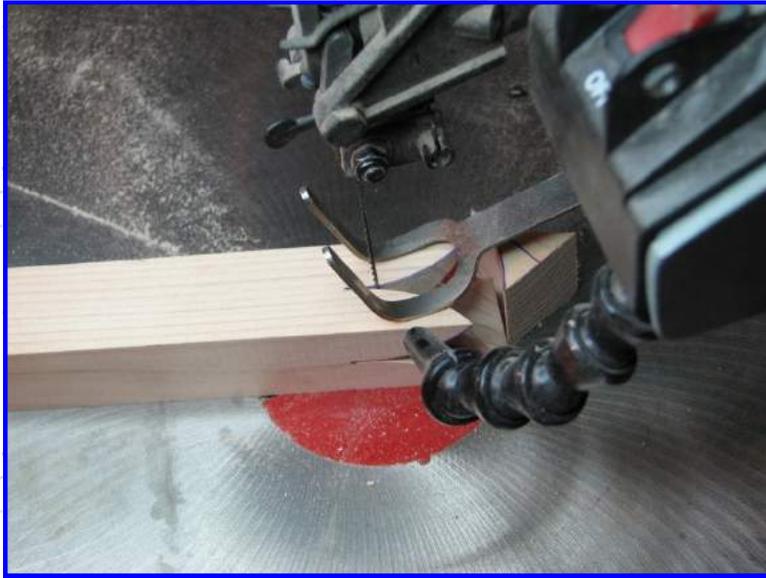
Use a French curve to draw a visually pleasing curve from one end of the centerline to the corner. Flip the French curve over to the other side of that same face of the blank and repeat the process. This forms a curved “V” shape centered on the side with the mouth of the “V” at the end of the blank. Repeat this layout process on the adjacent side.



Use a scroll saw, coping saw or similar tool to cut along the “V” shaped curves you have just drawn.



Flip the block and cut out the other “V.” This creates the mouth of the tulip flower.



Mount the blank in your chuck with the recently cut end on the tailstock side.



Using a sharp spindle gouge delicately turn the flower shape starting at the very tip of the flower. The tip has only a small amount of wood that needs to be removed. Proceed with care! Further down the flower there is more wood to be removed. With the wood spinning it is easy to see the cut out shape of the “V” that will help you gauge when the profile is “OK”.

From the Library

New additions to the CVWG Library from Librarian Dennis Ciesielski

GETTING STARTED IN WOODTURNING

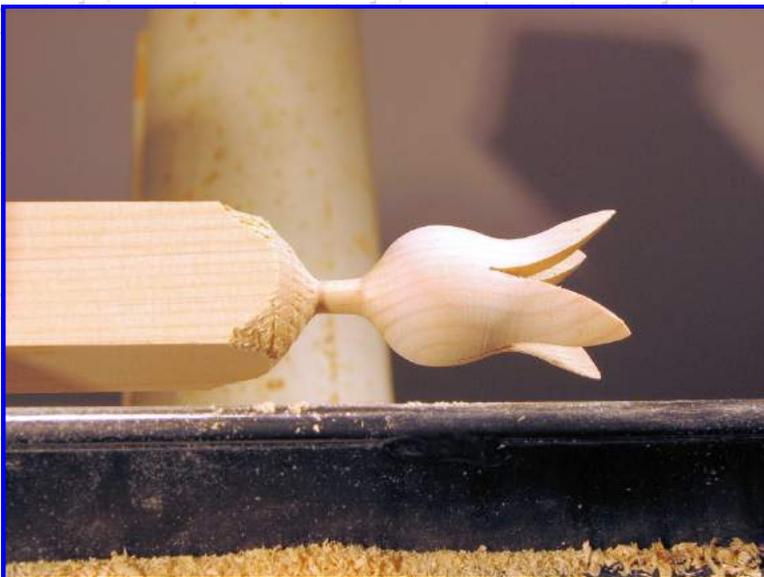
WOODWORKER'S JOURNAL

CAST IRON COOKIN by Dan & Guy Fitzgerald



Stop the lathe periodically to determine whether you have made the flower round without remaining flat spots.

Continue turning the flower until you have a shape that is approximately like a tulip. Gently sand the turned contour, and then stop the lathe to sand the saw-cut surfaces as well.



Turn the first 1/2 inch of the flower's stem just below the bowl. I reduce it to a diameter that looks appropriate rather than measuring it. That said, mine are generally between 1/8 and 3/16 diameter. Once you have done this first section of stem, proceed to turn the next 1/2 inch down to its finished diameter. Repeat this process un-

til you have made all the stem you can without running into your chuck. Turning the stem in this step-wise fashion greatly reduces the risk of breaking it.



Remove your tulip from the chuck. You may find your tulip quite satisfactory and without need of further embellishment. I often color mine, however, typically with

water based transparent stains. Some times I glue the bases of several together for a grouping. On other occasions I have cut the stems free from the turning base and placed them in a turned weed pot.



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SHOW AND TELL



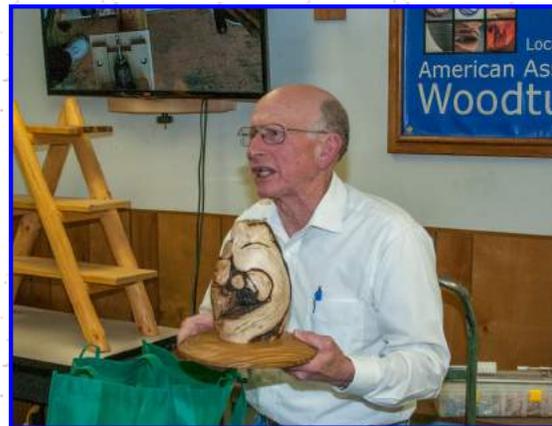
Joe Nycz with a Box Elder bowl



Jeff Fagan with a Cherry bowl hollow form



Dennis Ciesielski with a Tamarisk stump bud vase





Mark Palma with a natural edged spalted Birch bowl, the Mace pen sets from Council oak tree and a Black Ash pen



Missing are items from Bruce Lindholm of a cheese platter with marble bottom, a cork trivet and ring holder. Bruce is our photographer and his items are the first three items on page one in the Gallery section.

GALLERY





Board of Directors Meeting

February 3, 2016

Present were:

President Rich Thelen

Vice President Barry Grill

Treasurer / Membership Keith Jones

Secretary John DeRykere

Program Director Mark Palma

Tool Director Tom Schye

Newsletter Editor Tom Leonard

Treasurer's Report

January and February financials (See website for reports)

Bill for membership in the Community Television was discussed. Unanimous vote to not renew membership this year.

Motion to move \$3000.00 into savings (Barry/Mark). Vote was unanimous.

Membership

95 Total, 68 paid, 27 unpaid

Rich Thelen

The University Mace Project

The UWEC Mace is being finished out for one month and it will be presented in May. The mace stand has been signed off on.

Scraps from the tree have been made into pens using Vertex Magnetic pen kits (see first pen on page 2 of the gallery). Mark Palma donated materials and labor and will be given to University people involved with awarding the project to CVWG

Feed My People

Bowl collection tonight and at Coffee and Chips (February 13th)

We need a photograph of the bowls on the table

Setup morning of March 3rd

Cards and brochures for display with bowls

March meeting

Rich will be in Florida, Barry Grill will be the MC for the meeting.

Wendell Ziegler will do a professional demonstration

Challenge: A decorated Easter egg

Mark Palma

Industrial Art Show

We have one table, loading will be on February 11th

Chippewa Valley Town Walk

We've been asked to demonstrate

Need to gauge size of space, attendance

June 13th load in/July 14th load out

Merchandising the club

How do we attract new, possibly younger members?

Try a new marketing strategy "Free Mini-Lathe Lessons"

Red, Green, and Blue pen kits donated by Mark Palma and John De Ryckere. Colored kits will give Learn to Turn demonstrations more variety. Spent \$311 on these pen kits

Barry Grill asked

Do we do another expo?

Mark Palma commented

Concerns about return on investment: How many thousands of man hours and initial cash outlay for how much financial return? Expo attendance is down in general except for at a few large metro areas. &

Open Letter to Membership from Marvin Helfman

I had intended to come this both the monthly meeting and the Saturday morning Chips N' Coffee meetings this month. As I think you know, I have been aggressively applying for government accounting jobs all over the country. Much to my surprise, and pleasure, I have been receiving a very good response. I just came back from Washington DC where I had three interviews for five positions. I have another interview this coming Thursday for a position in Ohio. I know I'm in the top running for one of the positions and probably for three others. I anticipate that I will be moving to DC part of the country within two to three months.

My wife and I have already put the house up for sale and will be able to find some temporary housing accommodations pending a determination of, as my wife puts it, our forever home. We are unloading a lot of stuff we do not want to keep and we've made the decision to sell off the machines in my shop. I'm going to keep any hand and hand-power tools, but my portable machines (tablesaw, bench drill press, bench planner, 6" grinder) and my lathe, less after-market accessories and tools are all going to be sold. Isn't there a newsletter that is put out monthly where I can buy some ad space?

One of the reasons I have been trying to make it to the Chips N' Coffee is to get on the big Powermatic lathe because I have this large and out of balance block of glued up mahogany that I promised I would turn for one of my wife's cousins. I finally figured out a way to do what I needed to get it round and mounted on my lathe at home and it is turning out to be quite a nice piece. My cousin-in-law (a former member of CVWG) said I can share it before I turn it over to her. Barring any major distractions, I hope to share it at the March meeting. I'll need to hold on to my lathe until I finish the bowl.

I just wanted to bring everyone up to date on my improving situation and if you can let me know about the newsletter advertising, I would be most grateful.

COMING EVENTS

Meetings are first Wednesday of the month. Open house—Coffee and Chips - is the second Saturday of the month.

Meeting Dates and Demos

March 2—Wendell Ziegler—Tops and Misc items
April 6—Mark Palma—Plywood bowl
May 4—John Layde—Bowl from a board
June 1—Rick Bauer—To Be Announced
July 6—Bob Eberhardt—To Be Announced
August 3—Jeff Fegan—Something musical and something on the lathe
September 7—To Be Announced
October 5—To Be Announced
November 2—To Be Announced
December 7—To Be Announced

Open House-Coffee and Chips Dates

March 12
April 9
May 14
June 11
July 9
August 13
September 10
October 8
November 12
December 10

Board of Directors for 2015

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