



A Chapter of the American Association of Woodturners

January 2010

Donna Banfield

*January 17
Demo*

SPECIAL TIME

SUNDAY - NOON to 4 PM



Refinishing furniture that Donna inherited from her grandfather started her love affair with wood. Donna and her husband were yearly visitors to the Sunapee Craft Fair, that is a showcase of juried members of the League of New Hampshire Craftsman. She was hypnotized by the curls of wood flying in the air as the woodturners demonstrated their skills in making a bowl, vase or hollow form.

In 2001 Donna received a lathe for Christmas and "the rest is history". In 2003 she closed her law practice and started turning full time.

She demonstrates at various regional clubs including the Symposium at Pinkerton Academy last year.

Donna is an example of the outstanding professional talent that abounds in Northern New England.



Speaking Of...

BY ANDY HOYT

Happy New Year Mainers!



It seems like it was only just yesterday that Corbin Westcott stole my hat AND MY CHOCOLATE at the Christmas Party. You'd better watch out young man, I'm gonna come gunning for you. Of course, should I happen to spy a roll of Necco Wafers in your immediate vicinity, we might be able to negotiate a peace accord. And congratulations go out to Dale Woerter for masterfully walking away with the night's Grand Prize. Come on 2010, get yourself over with – I need another party!

Well Speaking of parties, it just so happens that our March meeting will be just that. No demos; but plenty of auctioneering, voting, eating, talking shop, and general nuisance making. It should be a fun change for us; but first we have the January and February demos to attend and learn from.

January's meeting (as I mentioned in the email the other day) is now scheduled for Sunday. Sunday? Yup. Sunday. That's noon on Sunday January 17th. Did I say Sunday? Yup. I said Sunday. There were many technical reasons why we had to move it to Sunday, but the one I like best is that it results in getting Donna Banfield up here from Derry, New Hampshire. She'll be demonstrating a form she's become quite noted for – it's kinda like an open vase that spreads its wings in all directions.

Speaking of demos – in February we have (Okay, I'll admit that that was a pretty lame segue) we have Ken Lindgren coming all the way up from Massachusetts to spend a Saturday – yup, I said Saturday this time – with us to demonstrate how he makes fabulous pieces from found wood. Think Peter Asselyn, and you'll be on the right track.

Speaking of lame segues, let's move southward from Massachusetts into Connecticut and start pondering what to do about the AAW symposium in June. Actually, we'd better start planning on June being a major woodturning month, because we're going to have two, yes two, demos. The Saturday prior to the Symposium, Dave Barriger from Florida will demo for us, and the Saturday after the Symposium we'll be treated to a demo by Denise DeRose who's coming in from California. More on all that later.

I hope you're all working hard on that piece we'll be sending to Great Britain in the spring. What I'm really hoping is that you're all working on it harder than I am. My persnickety twenty-year old cheapo Sears & Roebuck gas furnace in the shop gave up the ghost around Thanksgiving time and I thought I'd try to tough it out this winter. And extra pair of long johns; a nice wool sweater or two; some high tech gloves; a pair of Chester Greenwood's earmuffs; and I should be all set. Right? Nope. Cold wet shavings from a frozen lump of dunnowood seem to have an innate ability to get past all these protective layers and make the whole process most unpleasant. I trust you can imagine the surprise I suffered when my family thought that moving the lathe into the living room would be a bad idea. Anyone have a leftover Plan B they don't need?

See you on Sunday,

Andy

Chuck's Findings



I've been doing a little research on our upcoming demonstrators and I am mightily impressed. Have you seen any of Dave Barriger's work? I can find (google) many pdf files on his work over the years but I'm still searching for a video to help me see and hear him before we meet him. I can find no other woodturning chapter that has had the two past presidents of AAW demonstrate in the same year. Then next month is Ken Lindgren. From what I see our Saturday with Ken is going to jump start our creative juices for the spring turning season*. Then in just a few days we have Donna Banfield stepping up on short notice to demonstrate her skills and talents. There is no shortage of material about her on the internet and she must be the reigning queen of the instructional video on UTUBE.COM.

So, I'm anticipating a fantastic showcase of talents and ideas to just leap out at us at each meeting of the MWT.

*a genuine answer from a 16 year old, not very bright, but entertaining:

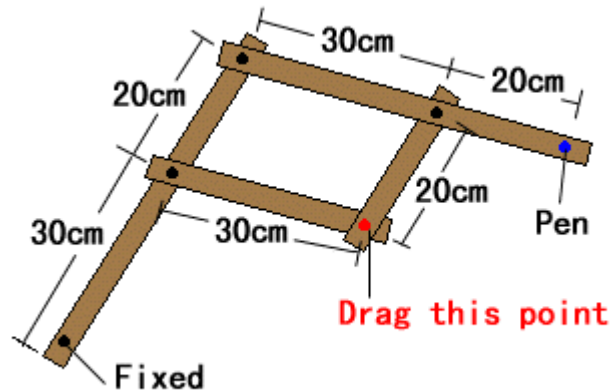
Question: Name the four seasons. Answer: The four seasons are salt, pepper, mustard and vinegar.

A little "TOOL De Jure":

"Pantograph" is a drawing instrument to magnify figures. Tracing the original figure by moving the red point, we can automatically obtain the magnified figure with the pen at the blue point.

The ratio of magnification changes when the lengths of the arms are made to a different length.

Make using scrape thin strips of wood and paper fasteners.



In a brief email with Peter McCrea about the use of a spindle gouge as a drill for the depth of a bowl or box his tip about a grabby bit made a lot of sense.

"A 3/8" drill with a piece of masking tape as a depth stop mounted in a shop-turned handle is tough to beat and safer, IMHO, than a spindle gouge used as a drill. **If the drill is a bit too grabby", i.e. aggressive, slipstone or hone can be used to flatten the leading edge of the flutes a tad."**

More on page 4

Support Erskine Academy's Senior Class

Bring in a turned item on or before the March meeting
and donate to their auction.

Chuck's Findings continued

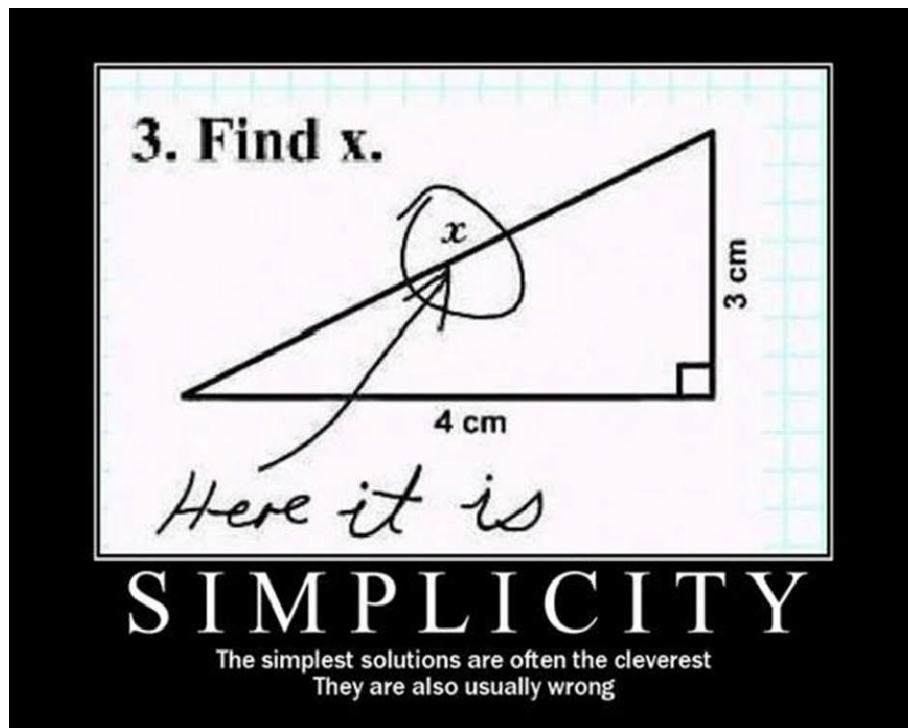
A project to consider: This is presentation wine boxes. This was a glue up of cherry and maple, and then turned on my lathe. The cap acts as a lock to keep the box closed. The inside was hollowed out by hand because I don't have any hollowing tools for the lathe at this time. There is ample room inside to wrap a wine bottle with bubble wrap for shipping purposes. I really enjoy trying to come up with different ideas for these wine boxes. They are my favorite to build.-- Dave, Southern IL.,

www.winebox.biz



Finally, Today's mighty oak is just yesterday's nut that held its ground.
The lathe is spinning but I may have slipped a gear.

Chuck

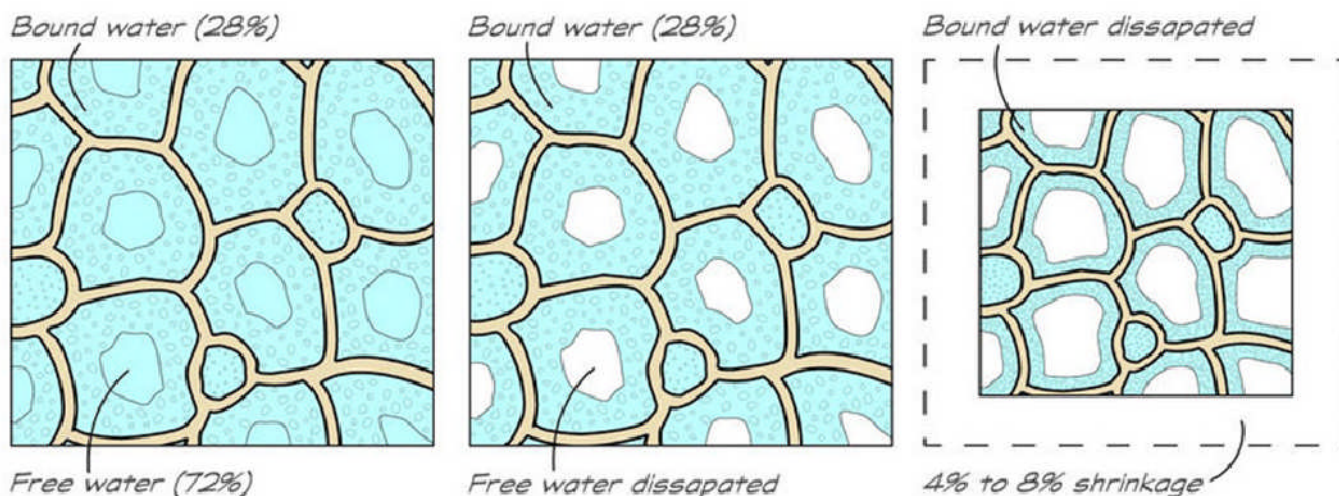


MOISTURE CONTENT AND MOVEMENT

Wood moves as its moisture content changes. In a tree that's just been felled, the wood is "**green**" — sap fills the cell cavities. This **free water** (as the sap is sometimes called) accounts for 72 percent of the total moisture content, although this percentage may vary from species to species. The remaining 28 percent saturates the wood **fibers** in the cell walls. This **bound water** in the fibers causes them to swell, just as a sponge swells when you wet it.

As the green wood dries, the free water evaporates first, then the bound water. The wood is dimensionally stable (it doesn't shrink or swell noticeably) as it loses free water, but once it begins to lose bound water, it contracts.

Wood dries to an average moisture content of between 4 and 11 percent, depending on the area of the country, but it never really comes to rest! The amount of bound water in the wood continually changes with the amount of moisture in the surrounding atmosphere. On the average, wood gains or loses about 1 percent moisture content for every 5 percent change in the **relative humidity**.



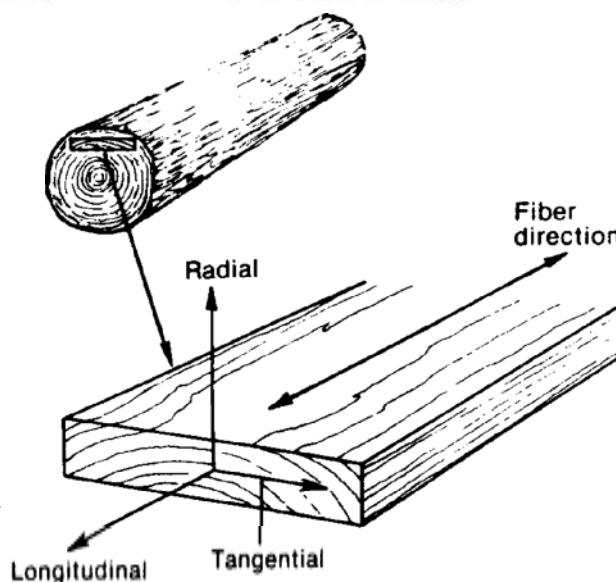
Wood shrinkage

Wood shrinks in three directions in relation to its grain

RADIAL shrinkage is moderate – 4 to 6 % and occurs perpendicular to the grain.

TANGENTIAL shrinkage is substantial - 8 to 12 % and occurs perpendicular to the radial.

LONGITUDINAL shrinkage is almost negligible – 0.1 % and occurs parallel to the grain



January 17

DONNA BANFIELD

Derry, New Hampshire

Face grained hollow form

SUNDAY MEETING

Noon to 4PM

February 13

KEN LINDGREN

Uses only wood harvested
by mother nature

SATURDAY MEETING

9 AM

March 17

Mixed bag - chicken soup - a little of this & that



Auction—Great Britain turning selection—Erskine donations
other good happenings—coffee—good eats—good time

April 21

**McCrea / Hoyt
Duo**

May

STILL A MYSTERY



June 26

DENISE DeROSE

Oakland, California

“Thinking outside the box”

Meetings are held at the Industrial Arts shop

Erskine Academy

309 Windsor Road (route 32), South China, Maine

Our regular meetings are the third Wednesday of each month
(except July and August there are no meetings)

Show and Tell Photos @ 6:30

Demo @ 7 PM

JOIN

If woodturning is your hobby, your passion, your art,
the American Association of Woodturners is for you.



Membership Benefits

In addition to the benefit of joining one of the largest craft associations in the country, currently greater than 13,500 members strong with more than 325 local chapters in the United States and internationally, each one-year membership includes:

American Woodturner

- Six issues of *American Woodturner*, official journal of the AAW, each jam-packed with
 - New one-of-a-kind projects
 - Inspiration and insider secrets
 - Time- and money-saving shop tips and techniques
 - Step-by-step instructions with helpful how-to images and diagrams
 - Beautiful color photos throughout
 - Calendar of events, seminars, and exhibitions

Education and Advice

- Annual AAW Symposium
- Expert woodturning advice at woodturner.org
- AAW Forum and members-only access on woodturner.org
- Local AAW chapters with local demonstrations, show-and-tell, mentors, and tool and wood swaps
- Access to Educational Opportunity Grants for members and AAW chapters
- Biennial Resource and Membership Directory

Opportunities

- Marketing opportunities on the AAW website for artists, collectors, galleries, and museums
- Juried exhibit opportunities

Insurance and Savings

- Bodily injury liability insurance furnished for members involved in AAW activities
- Commercial property and liability insurance available for members to purchase
- Group rates for health, life, and commercial business insurance
- Discounts on AAW books, DVDs, and logo merchandise with savings up to 50%
- Access to merchandise discounts from multiple suppliers

Click on the link below to check out our official website!

woodturner.org

Click on the "Join AAW" link for membership information.

Or call:

651-484-9094



Darl Marsh



Rolly Munro



Curt Theobald



John Farrell



Lou Metcalf



John Jordan

Hedra Winter





HAVE YOU PAID YOUR DUES ?

SEE BURT TRUMAN

\$ 30.00 per year

*Be sure you have the
thinking done before you
start the job.*



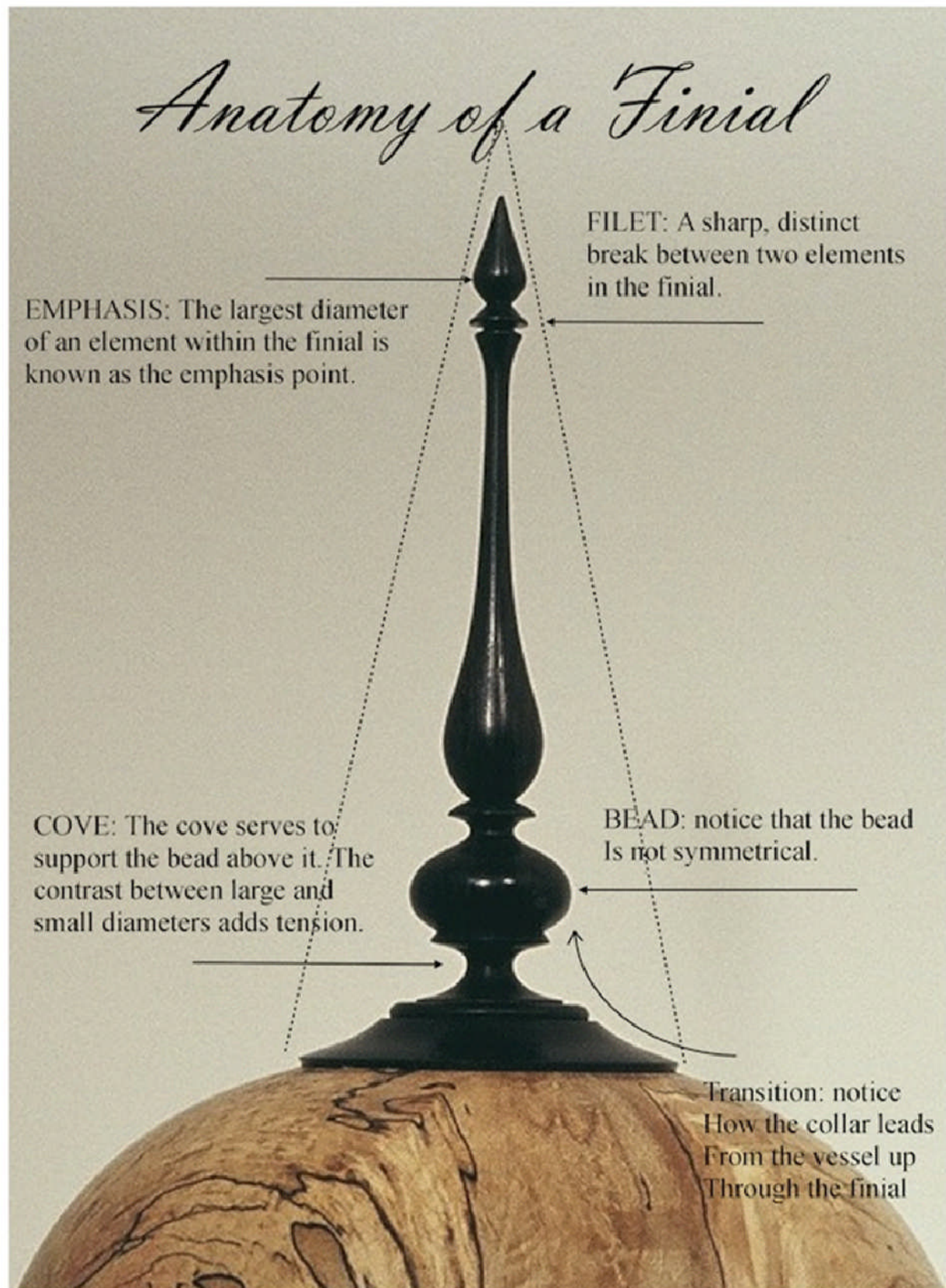
TOTALLY TURNING 2010

March 27 & 28, 2010

Saratoga Springs, New York

For more info go to:

WWW.TOTALLYTURNING.COM



State Quarter Releases and State Trees

The following is a list of states, years each state quarter is put into circulation (based on order entering statehood), and state trees.

Alabama (2003).....	longleaf pine, <i>Pinus palustris</i>
Alaska (2008).....	Sitka spruce, <i>Picea sitchensis</i>
Arizona (2008).....	blue palo verde, <i>Cercidium floridum</i>
Arkansas (2003).....	loblolly pine, <i>Pinus taeda</i>
California (2005).....	redwood*, <i>Sequoia sempervirens</i>
Colorado (2006).....	blue spruce, <i>Picea pungens</i>
Connecticut (1999).....	white oak, <i>Quercus alba</i>
Delaware (1999).....	American holly, <i>Ilex opaca</i>
Florida (2000).....	sabal palm, <i>Sabal palmetto</i>
Georgia (1999).....	live oak, <i>Quercus virginiana</i>
Hawaii (2008).....	kakui, <i>Aleurites moluccana</i>
Idaho (2007).....	western white pine, <i>Pinus monticola</i>
Illinois (2003).....	white oak, <i>Quercus alba</i>
Indiana (2002).....	tulip poplar, <i>Liriodendron tulipifera</i>
Iowa (2004).....	oak (no specific species)
Kansas (2005).....	eastern cottonwood, <i>Populus deltoides</i>
Kentucky (2001).....	tulip poplar, <i>Liriodendron tulipifera</i>
Louisiana (2002).....	bald cypress, <i>Taxodium distichum</i>
Maine (2003).....	eastern white pine, <i>Pinus strobus</i>
Maryland (2000).....	white oak, <i>Quercus alba</i>
Massachusetts (2000).....	American elm, <i>Ulmus americana</i>
Michigan (2004).....	eastern white pine, <i>Pinus strobus</i>
Minnesota (2005).....	red pine, <i>Pinus resinosa</i>
Mississippi (2002).....	southern magnolia, <i>Magnolia grandiflora</i>
Missouri (2003).....	flowering dogwood, <i>Cornus florida</i>
Montana (2007).....	ponderosa pine, <i>Pinus ponderosa</i>
Nebraska (2006).....	eastern cottonwood, <i>Populus deltoides</i>
Nevada (2006).....	singleleaf pinyon, <i>Pinus monophylla</i>
New Hampshire (2000).....	paper birch, <i>Betula papyrifera</i>
New Jersey (1999).....	northern red oak, <i>Quercus rubra</i>
New Mexico (2008).....	pinyon, <i>Pinus edulis</i>
New York (2001).....	sugar maple, <i>Acer saccharum</i>
North Carolina (2001).....	longleaf pine, <i>Pinus palustris</i>
North Dakota (2006).....	American elm, <i>Ulmus americana</i>
Ohio (2002).....	Ohio buckeye, <i>Aesulus glabra</i>
Oklahoma (2008).....	eastern redbud, <i>Cercis canadensis</i>
Oregon (2005).....	Douglas fir, <i>Pseudotsuga menziesii</i>
Pennsylvania (1999).....	eastern hemlock, <i>Tsuga canadensis</i>
Rhode Island (2001).....	red maple, <i>Acer rubrum</i>
South Carolina (2000).....	sabal palm, <i>Sabal palmetto</i>
South Dakota (2006).....	white spruce, <i>Picea glauca</i>
Tennessee (2002).....	tulip poplar, <i>Liriodendron tulipifera</i>
Texas (2004).....	sweet pecan, <i>Carya illinoensis</i>
Utah (2007).....	blue spruce, <i>Picea pungens</i>
Vermont (2001).....	sugar maple, <i>Acer saccharum</i>
Virginia (2000).....	flowering dogwood, <i>Cornus florida</i>
Washington (2007).....	western hemlock, <i>Tsuga heterophylla</i>
West Virginia (2005).....	sugar maple, <i>Acer saccharum</i>
Wisconsin (2004).....	sugar maple, <i>Acer saccharum</i>
Wyoming (2007).....	plains cottonwood, <i>Populus sargentii</i>

*California also recognizes *Sequoia giganteum* as a second state tree.

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2009—2010

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ANNUAL SYMPOSIUM 2010



Hartford, CT - June 18 - 20

Connecticut Convention Center

Do not miss this event !

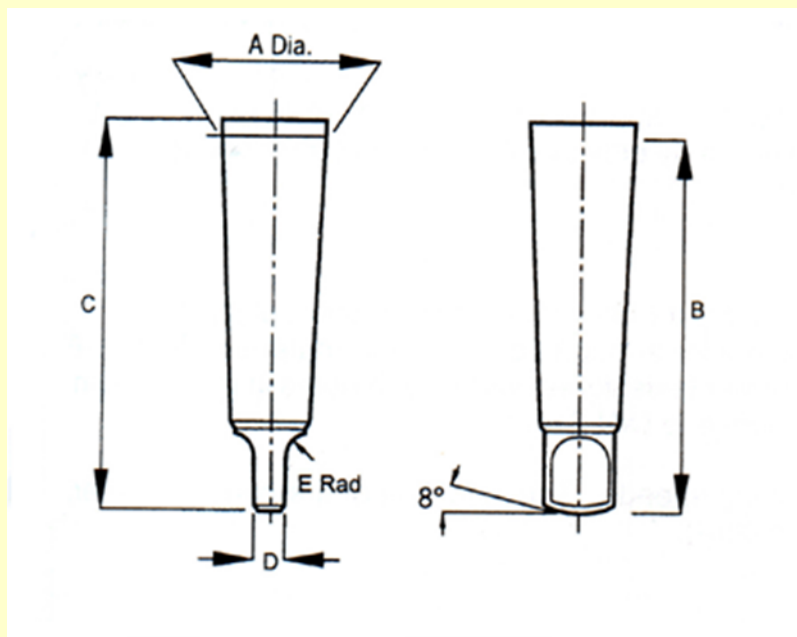
I've heard it said that one definition of a craftsman, regardless of field is:
"10 years, 10 fingers"...

Morse Taper sizes

Different Morse tapers have easily distinguished sizes.

Measure at the big end (ie, the open hole), in inches:

- #0 is 0.356
- #1 is 0.475
- #2 is 0.700
- #3 is 0.938
- #4 is 1.231,
- #5 is 1.748
- #6 is 2.494
- #7 is 3.270



MORSE TAPER No.	A mm	B mm	C mm	D mm	E mm	TAPER per mm on dia.
1	12.065	62.0	65.5	5.2	5	0.04988
2	17.780	75.0	80.0	6.3	6	0.04995
3	23.825	94.0	99.0	7.9	7	0.05020
4	31.267	117.5	124.0	11.9	8	0.05194
5	44.399	149.5	156.0	15.9	10	0.05263