



## INLAND NORTHWEST WOODTURNERS NEWSLETTER

Next Meeting is Thursday  
September 2, 2010, 7 PM at the  
WoodCraft Store classroom,  
N.E. corner of Sprague and  
Sullivan (north side of the Fred  
Meyer parking lot.

### July Meeting 2010



Thanks to Dan Chadwick for fine instruction on turning and assembling a  
three legged stool.



## Dan's Tips Turning the Three Legged Stool

### Short Stool

### Tall Stool

15 –17 inch height

18" legs

10-12" rungs (design & location dependent)

10-14" diameter seat

75 degree leg angle (approx)

Use a forstner bit for clean hole or a sharp spade bit to make 1.25" leg/seat sockets, or 1" thru tenons.

25 – 30 inch height

25 – 31" legs

12-15" rungs (design dependent)

10-14" diameter seat

78 degree leg angle (approx)

Rungs can be located as desired, with options of:

- 1 3 hi-low rungs at 15 degree angles (eyeball the drilling with a long bit)
- 2 3 rungs at different heights to accommodate differing leg lengths
- 3 A combination of the above

**FINISHES:** As a utilitarian object subject to dings and scratches, an oil/wax finish is most practical. Typically, I use a sealer with Russ' T.T.V as a top coat.

**GLUE:** Polyurethane (Gorilla) glue is OK, but epoxy is better for flex and gap filling. Five-minute type is easy. Wedging joints improves strength: wedge perpendicular to leg grain and not too tightly to allow epoxy to fill gaps.

### TIPS:

- Line of sight boring is really more forgiving than it appears. There's a bit of wiggle room in the holes, and a bit of rung racking provides rigidity.
- Use straight grain wood for the rungs to prevent splitting – oak, ash, hickory, etc.
- Remember the wonder of the "80 grit gouge"
- No one will ever see the flat spots on legs and stretchers
- Use "story sticks" for measuring internal length on rungs
- Art gum erasers take pencil lines off wood
- No need for centering jigs when your fingers will give you spindle center for mounting
- Steb centers are handy for spindle turning and can/should be resharpened if teeth are dulled by gouges
- Use those yummy cutoffs for finial stock

**REFERENCES:** AlanLeland.com  
Scottwoodworking.com  
Whartonsherickmuseum.org

## Meeting Schedules for 2010

**Saturday, July 31** – Annual club picnic at Ron & Carolyn Gooley’s home in Cheney.

**Thursday, August 5** – No regular meeting.

**Thursday, September 2** – Regular meeting, Jim Christiansen and Ed Krumpe will discuss form, shape and design.

**Thursday, October 7** – Roy Behm and Ron Gooley: Segmented Turning II

**Thursday, November 11** – Jimmy Clewes, if you didn’t see him in Utah or at his home shop in Las Vegas, don’t miss this guy. He is a talented teacher and very entertaining. Please note this is *one week later* than our regular schedule to accommodate our demonstrator. See [www.jimmyclewes.com](http://www.jimmyclewes.com)

**Thursday, December 2** – Holiday party.

**Show and tell Gallery:**



Charles Schwartz shows a ball on a finial with a finial, Joe Mach’s pepper grinder of old-growth Corian



Bob Gay's jumbo segmented egg, Ron Gooley used mostly Zebra wood and walnut (be there for more segmented turning tips at the October meeting) Joe Mach has a superb finish on these Corian shakers.

### Website/Members Gallery:

Frank Hutchison has volunteered to handle our club website duties, his reminder:



See you in Sepember.

Keep Turning!

Chad Gladhart, Club Secretary



(ps: if you're not having fun, you're not doing it right)