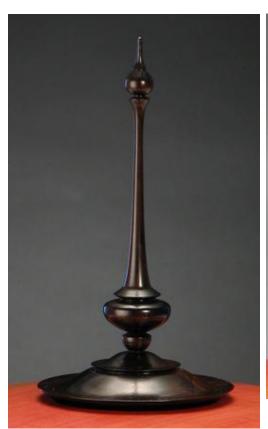
Finial Demonstration - Detroit Area Woodturners - Matt Harber - April 27, 2014

Finial Examples:



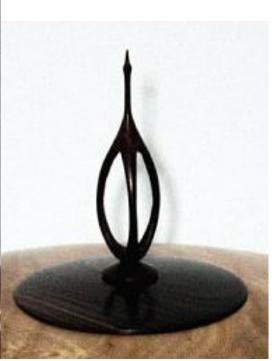














Steps:

- 1. Between centers, turn the tenon and base. This end will be gripped with the jawed chuck, so make sure the tenon and the underside of the base are square.
- 2. Put the tenon created in step 1. into the jawed chuck. Bring up the tailstock as well.
- 3. Begin turning the finial, from the tailstock and moving towards the headstock.
- 4. When chattering or bowing is detected, finish the tailstock end and remove the tailstock.
- 5. Any pressure applied by tools or sanding must be matched by equal pressure, to minimize bowing and/or chatter.
- 6. If necessary, bring in a steady rest (or similar device) to reduce vibration on the free end.
- 7. Take VERY thin cuts with SHARP tools. Especially if the stem is getting very thin.

Links and Resources:

- Cindy Drozda, "Making a Sputnik Sea Urchin Ornament with Turned Wood Finials Part 2" - YouTube.com. Link: https://www.youtube.com/watch?v=SnnYqDRGGb8
- In the DAW library: Cindy Drozda, "Turning A Fabulous Finial Box".
- String Steady Rest: http://www.hiltonhandcraft.com/Articles/String Steady.asp
 - o Plans: http://www.hiltonhandcraft.com/Articles/String%20Steady%20plans.pdf
 - Notes:
 - I made my own waxed string by melting some beeswax and dipping ordinary kite string into the liquid wax, until it was all covered. No other additives, just pure beeswax.
 - Draw all your lines and points and circles BEFORE cutting out the center, so that you have a central reference point.
 - I personally found the 3-point wrapping scheme to work better for me, it seemed to be self-centering, which I found very helpful, especially if I had popped the finial out of the chuck.
- String Steady Rest #2: http://www.scrollsaws.com/WoodLathe/woodlatheString.htm
 - There are PDF files at this link with jig designs.