

Mentorship Sessions

Hold What Ya Got!

Overview

This is one in a series of ***Mentorship Sessions*** dealing with essential knowledge and skills all woodturners need. These sessions are not project oriented but are less regimented with plenty of room to digress and go where participants would like. They are intended to be most valuable to those without many years of experience, but all turners may benefit. Experienced turners are encouraged to join and participate. We all learn from one another, and less experienced turners get more benefit from a diversity of viewpoints and experience.

- The Mentorship Sessions grew out of...
 - What I wish I had known when I began turning.
 - The advice I wish I had taken when I began turning.
 - The mistakes I made when I began turning.
 - The lessons I wish I had learned earlier.

Outline

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In this session we will deal with methods of holding wood safely on the lathe. We'll cover holding between centers, face plates, jamb chucks, collets, drive spurs, live centers, dead centers, step centers, and 4 jaw scroll chucks along with variations in jaws and wood worms.

- **Between Centers.**
 - Drive Spurs.
 - Dead center.
 - Locked live center.
 - Chuck
 - By itself.
 - Live Centers.
 - Point.
 - Cup.
 - Cup with point.
 - Cone.
 - Inverted cone.
- **Face Plates.**
 - Lots of holes.
 - Use the right screws.



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- Flat spot.
- Orientation.
- **Chucks.**
 - Inserts.
 - Types of jaws.
 - Cole jaws.
 - Jumbo.
 - Pin.
 - Spigot.
 - Tenons.
 - Cautions.
 - Recesses.
 - Cautions.
 - Forstner bit (2 1/8" for 50 mm / 2" jaws).
 - Wood Worm.
 - Depth.
 - Spacers.
 - Register on chuck jaw.
- **Collet.**
 - Draw bar.
- **Home Made.**
 - Often involve faceplate or chuck.
 - Morse Taper.
 - Jamb chucks & fixtures.
 - Live center fixtures.
 - Nut & epoxy.
 - Threaded.
- **References.**
 - David Springett Chucking with Adhesives WF1102p35-38
 - Dick Gerard and Stan Wellborn Mastering the Four-Jaw Scroll Chuck AW2501p47-51
 - Leon Olson 20_PVCColletChuck_LR0706
 - Mike Mahoney What I Know About Tenons

