

Valley Woodwork

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CONQUERING THOSE ODDBALL JOINTS WITH STEVE LATTA JULY 20-21, 2019

There are certain projects that bring with them some oddball joints that make us take a second look and think “what a pain.” Well most of those head scratchers aren’t really that bad and we’ll explore several of them during our weekend together. Some you’ll make, some will just be demonstrated but my goal is to demystify the complexity of rule joints to knuckle joints. You will leave this class with an understanding of how to fabricate these joints factoring in strength, movement and aesthetics. I am looking forward to working with you and helping you broaden your technical base. So far, these are on my idea list and I think it provides a pretty good representation.

- Rule joint – getting the drop on drop-leaf tables
- Knuckle joint – supporting that table leave for card tables and Pembrokes.
- Breadboard end – Keeping the slab flat while allowing it to move.
- Compound dovetails – What happens when the sides aren’t square?
- Drop-front Desks
 - Fall boards and their hardware
 - Drawer dividers and dust panels



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Tool List: Oddball Joints with Steve Latta

Basic Tooling:

- Combination square:
- Small double square (only if you have one): Starrett or Pinnacle (Woodcraft 04P56)
- Chisels – a basic set
- Low-angle, Block Plane – Veritas, Lie-Nielsen, older Stanley
- Small, adjustable bevel
- Small dead-blow hammer
- 6" Dividers
- Card scraper and file: Baccho or Lee Valley
- 6" or 12" rule with 4R graduations (1/8s, 1/16s, 1/32s, 1/64s) Lee Valley 60N47.01
- X-acto Knife with extra #11 blades
- Tape Measurer:
- Small laminate router only if you happen to have one. I'd suggest 1/4" straight bit.
- Hammer
- Whatever you need to enhance your ability to see. I have old eyes and find it my greatest obstacle.
- Multi-purpose screwdriver.
- Some sort of rabbet/shoulder plane. These can be pricey but I really do think they are essential for fitting joinery. I would look at a Stanley 92 or 93, the smaller Lie-Nielsen or Veritas, or the Lie-Nielsen Rabbet Block Plane. As I said, these can be costly so we can share if need be.