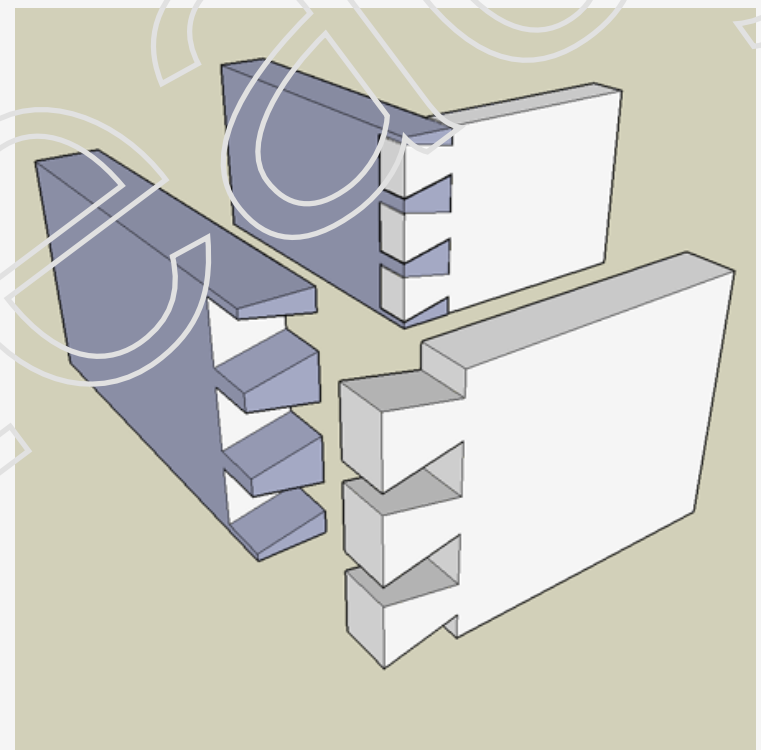


Through or Box Dovetail Joint



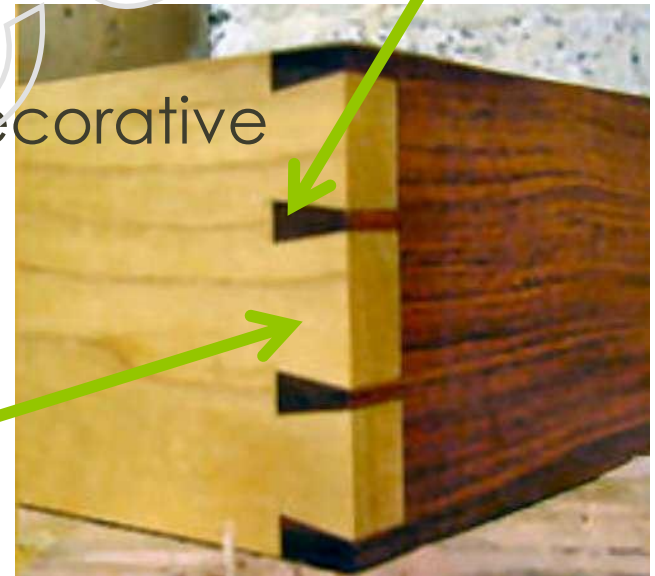
MANUAL

What is a Box Dovetail Joint

- The dovetail joint is the strongest joint in tension
- Made up of interlocking wedge-shaped elements called pins and tails that resist the forces on the joint
- The joint can be used as a decorative feature or can be hidden



Tails



Pins

Where is it used?



Drawers

Boxes



Frames



Cabinets



Advantages

- ☑ Strongest Joint in Tension
- ☑ Large Gluing Area
- ☑ Resists Being Pulled Apart
- ☑ Looks Attractive
- ☑ Would hold together if it were not glued



Disadvantages

- Difficult to Mark Out and Process
- If badly made this joint loses the advantages listed in previous slide



The Joint we will Make



MARKLEEAC



How will we mark
out our Joint?



Marking Out Procedure

1. Face Side and Face Edge
2. Mark overall Lengths
3. Joint Position
 - Tri-Square
4. Joint Detail
 - Marking Gauge
 - Sliding Bevel