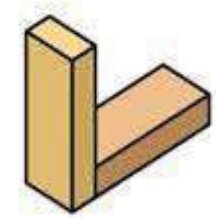
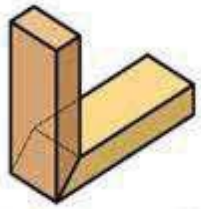
Drawer Lock Router Bits

A Brief Overview

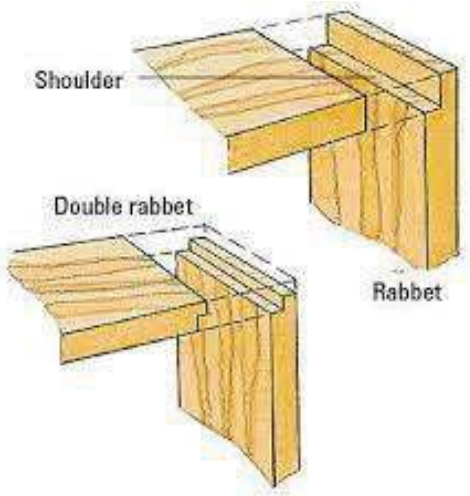
Joints for Drawers



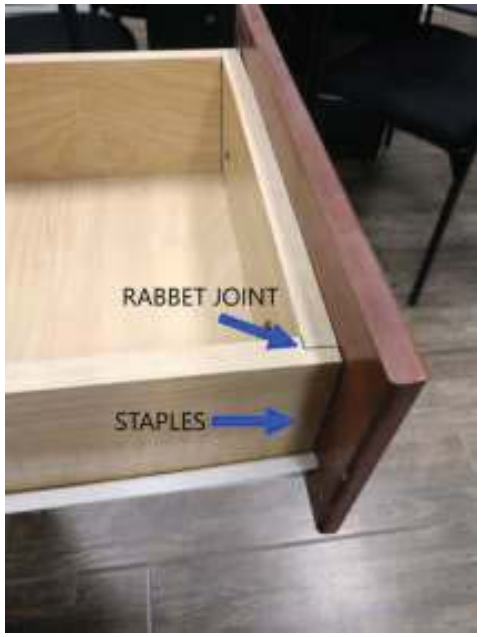
Wood Butt Joint

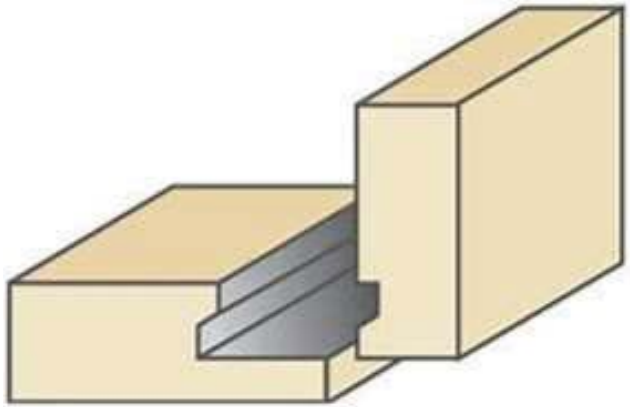


Miter Butt Joint



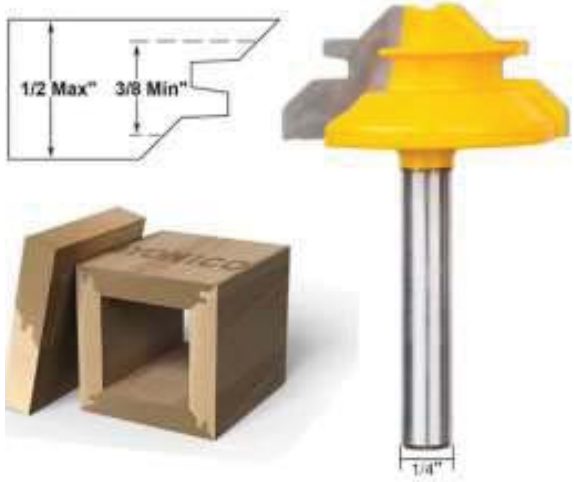
- **Butt joints or miter joints** - easy to make but rely on fasteners for structural integrity.
- **Rebates or rabbet joints** - easy to make with a table saw or straight router bit. Sturdier than butt joints but still rely on fasteners for integrity.
- **Finger joints** - large contact area for glue assists integrity without fasteners. Specialist router bits, router jigs (eg Triton's finger joiner) and table saw jigs can make construction easier.
- **Dovetail joints** – ideal drawer joint. They can be made by hand but a dovetail router jig is desirable if making many drawers – these jigs are expensive.
- **Drawer lock joints** – structural integrity is almost as good as dovetails but easier to make with a single inexpensive router bit. May require practice and trial cuts.



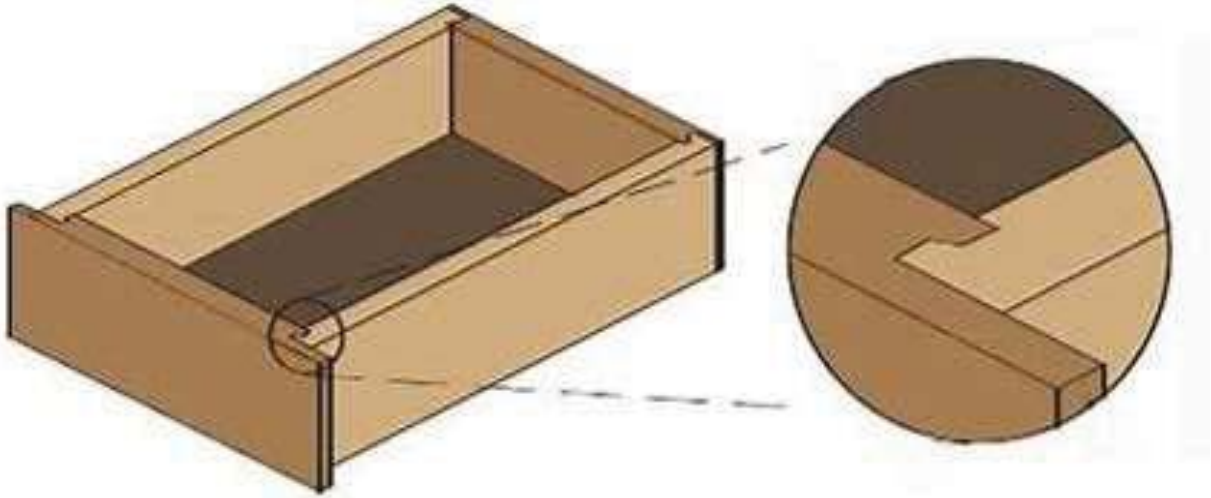


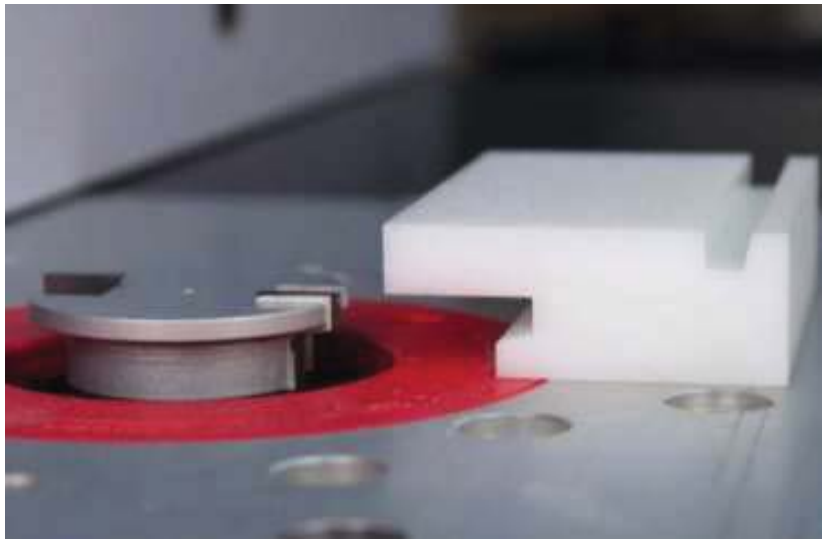
Drawer Lock Router Bits

- There appear to be three types as illustrated by these blue (2 versions), red and yellow bits.
- The red and blue are standard drawer lock bits with similar cut out profiles. Additional profiles with multiple flutes are possible with the blue type.
- An integrated fascia board can be made with the red bit.
- The yellow bit does a miter joint. The miter hides end grain but sharp timber ends are prone to damage in a drawer. It also cuts an extra flutes making a stronger joint. No scope for integrated fascia boards.



Integrated Fascia Board





Set-up Blocks – some router bit manufactures make set-up blocks to make setting up easier, eg Infinity Cutting Tools (above) has one for its standard lock bit and Rockler (left) has one for its multi-flute bit.