

- 31815 Cap Nut
- 31823 Cross Dowel
- 31831 1-1/8" Joint Connector Bolt
- 31849 2" Joint Connector Bolt
- 31856 2-3/4" Joint Connector Bolt
- 31864 3-1/2" Joint Connector Bolt
- 64170 4-3/4" Joint Connector Bolt

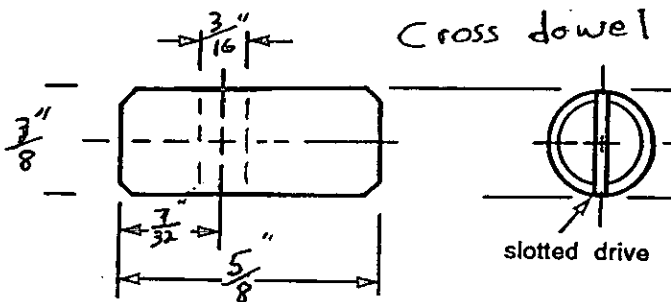
FEATURES:

- bolts and cap nuts made of steel with statuary bronze finish
- bolt and cap nut have same head dimensions (17 mm dia.) machine chamfered and hex drive socket
- cross dowel made of steel with threaded hole for bolt

APPLICATION:

These bolts are strong and practical accessories for joining wood together. Ideal knock-down fitting for rapid assembly and disassembly of case furniture.

SPECIFICATIONS:



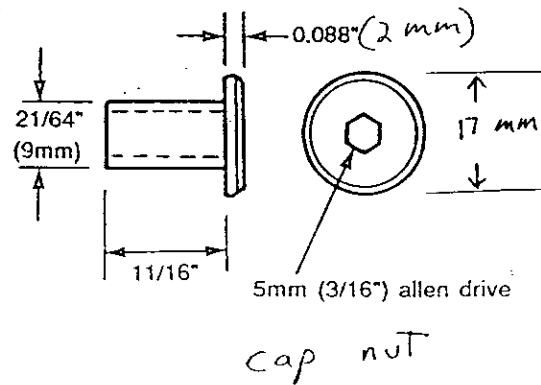
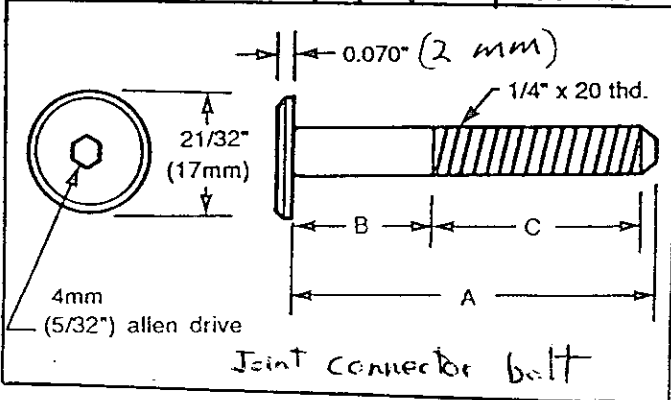
INSTALLATION:

1. Layout for connector bolt holes in butting case members. Bolt holes in vertical and horizontal case members must line up.
2. Drill 1/4" diameter bolt clearance hole. Drill cross dowel holes from underside of horizontal case members. See drawings for specifications.
3. Butt case members together. place cross dowel into hole (slot to outside).
4. Align bolt holes of butting case members and insert connector bolt.
5. Align cross dowel threaded hole to bolt and rotate connector bolt (clockwise) with 5/32" allen wrench until joint pulls together.
6. After all case joints are assembled with bolts and cross dowels, tighten up all joints.

Using connector bolt / cap nut joining cases end to end.

1. Place 2 assembled cabinets sidewall to sidewall and align front edges. Clamp sidewalls together to prevent movements.
2. Drill 1/4" diameter holes through both cabinet sidewalls in at least 4 corner locations.
3. Remove clamps and enlarge holes in one (1) cabinet with a 21/64" (9 mm) drill bit. This clearance hole is for flush placement of cap nuts.
4. Push sidewalls of joining cabinets together and align.
5. Place bolts and cap nuts into respective clearance holes and tighten with allen wrenches until both sidewalls are drawn together.

	A	B	C
31831	1-1/8" 30mm	3/8" 10mm	3/4" 20mm
31849	2" 50mm	3/4" 20mm	1-1/8" 30mm
31856	2-3/4" 70mm	1-1/2" 40mm	1-1/4" 30mm
31864	3-1/2" 90mm	2" 50mm	1-1/2" 40mm
64170	4-3/4" 120mm	2 1/2" 80mm	1-1/2" 40mm



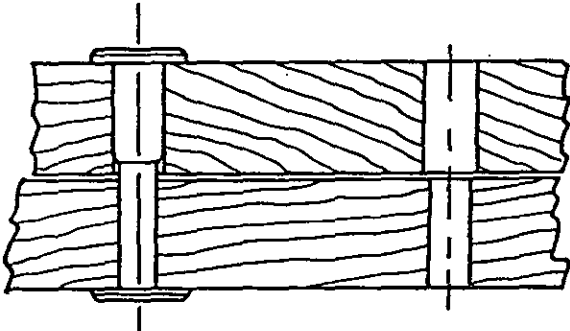


Figure 2

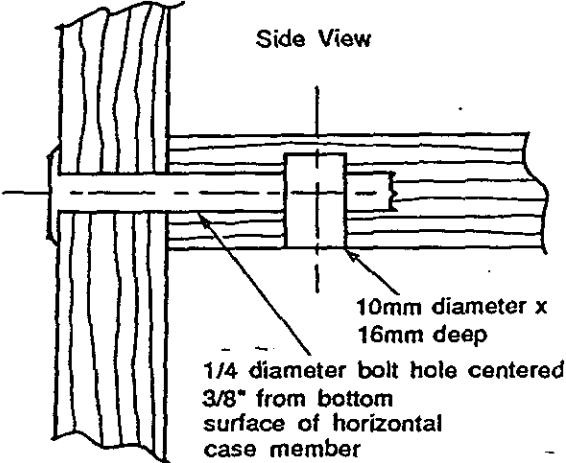


Figure 1