

400B-T-10

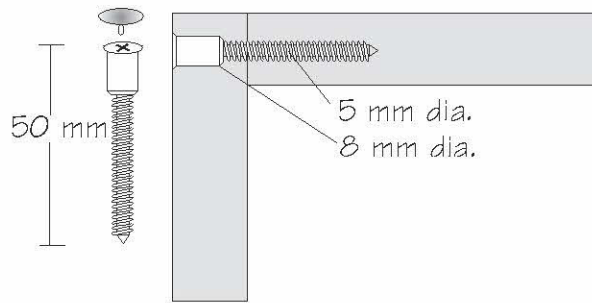
Joinery of Case Body Members

In the absence of specifications, the following standards will apply. Where more than one method or material is listed for a Grade, manufacturers will supply their choice from the alternatives. A check indicates permitted for the Grade specified.

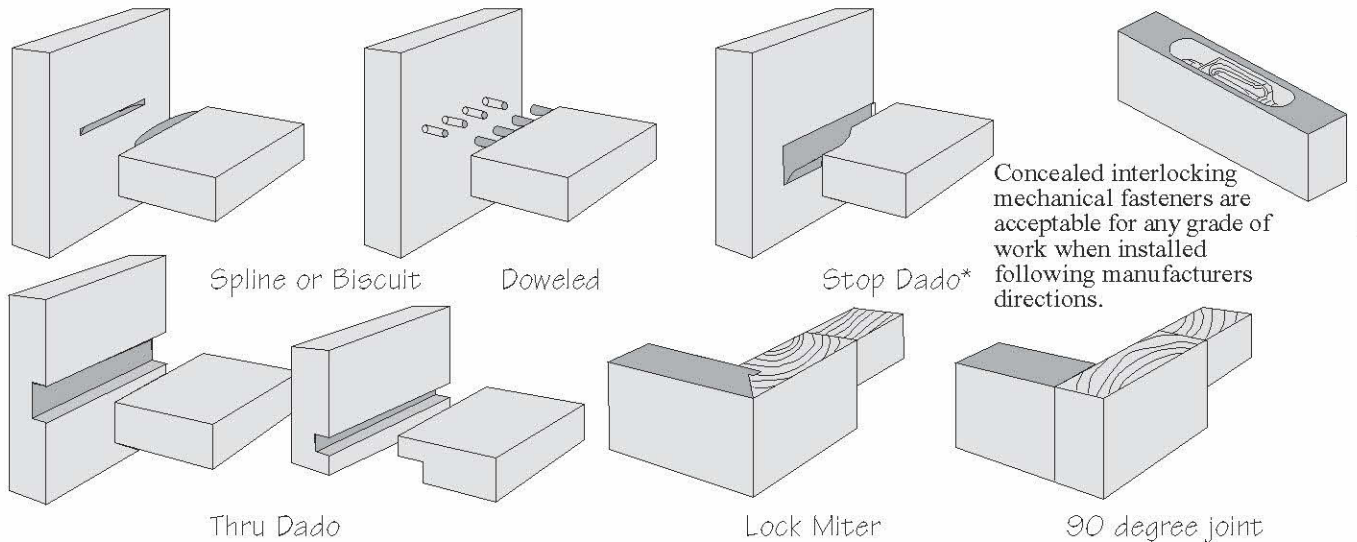
Joinery Table	Premium	Custom	Economy
<b>Tops, exposed ends and bottoms (finished ends on casework shall be integral, not applied secondarily)</b>			
Stop dado*, glued with pressure, and either nailed, stapled or screwed (fasteners will not be visible on exposed parts)	✓	✓	✓
Doweled, glued with pressure; approx. 1 per 75 mm of joint [4/foot]	✓	✓	✓
European assembly screws (37 mm from end, 128 mm on center, fasteners will not be visible on exposed parts)	✓	✓	✓
Fully concealed interlocking mechanical system	✓	✓	✓
Spline or biscuit, glued with pressure (approx. 1 per 100 mm of joint)		✓	✓
Through dado, glued with pressure; or exposed European assembly screws with trim caps			✓
<b>Exposed end corner details and face frame attachment</b>			
Mitered joint: lock miter or spline or biscuit, glued under pressure (no visible fasteners)	✓	✓	✓
Non-mitered joints, i.e. 90 degree applications: butt joint glued under pressure (no visible fasteners)	✓	✓	✓
Fully concealed interlocking mechanical system	✓	✓	✓
Butt joint, glued and finish nailed		✓	✓
Butt joint, finish nailed			✓
<b>Cabinet backs - Wall hung</b>			
In all Grades, wall hung cabinet backs must not be relied upon to support the full weight of the cabinet and its anticipated load for hanging/mounting purposes. Hanging/mounting mechanisms should transfer load to case body member(s).			
Captured in grooves on cabinet sides and bottom; securely fastened	✓	✓	✓
Side bound, captured in groove or rabbets; securely fastened		✓	✓
Full overlay, plant-on backs: min. 12.7 mm [1/2"] thick attached with min. #8 low root, high thread (not "drywall") screws spaced max. 200 mm [8"] on center. Anchor strips not required for backs 12.7 mm [1/2"] or thicker, so attached.	✓ Edge of back not exposed on finished ends	✓ Edge of back not exposed on finished ends	✓ Edge of back exposed on finished ends
Mill option, but backs are required when back is exposed to view after installation and for all wall cabinets in any Grade of Work.			✓
<b>Cabinet backs - Floor standing</b>			
Side bound, captured in grooves; securely fastened to top and bottom	✓	✓	✓
Side bound, placed in rabbets; securely fastened in rabbets		✓	✓
Full overlay, plant-on backs: min. 12.7 mm [1/2"] thick attached with min. #8 low root, high thread (not "drywall") screws spaced max. 200 mm [8"] on center. Anchor strips not required for backs 12.7 mm [1/2"] or thicker, so attached. (See illustrations following this table.)	✓ Edge of back not exposed on finished ends	✓ Edge of back not exposed on finished ends	✓ Edge of back exposed on finished ends
Mill option, back required when specified or when exposed to view			✓
<b>Anchor strips (for cabinet backs less than 12.7 mm [1/2"] thick)</b>			
Min. 12.7 mm [1/2"] thick lumber or panel product, min. 63.5 mm [2-1/2"] width; securely attached to cabinet body members on the wall side of the cabinet back - top and bottom for wall hung cabinets, top only for floor standing cabinets.	Required	Required	Not required

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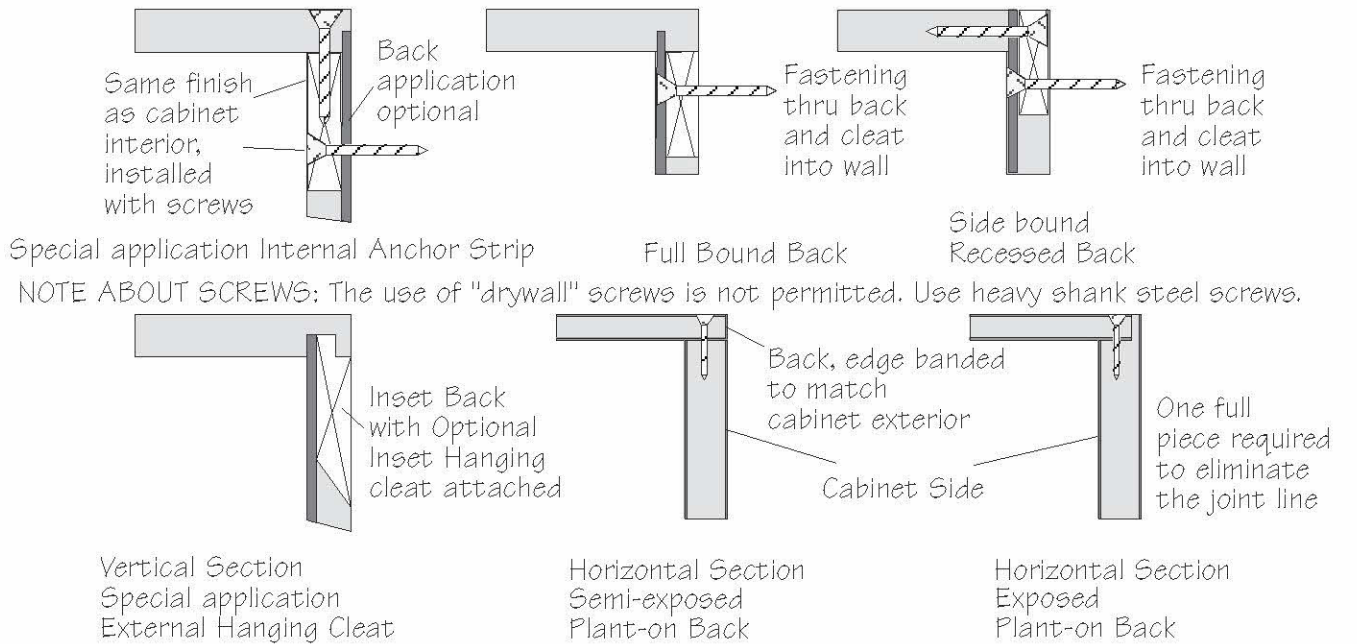
Laminate Cabinets



The use of steel "European" assembly screws is acceptable for all grades of work. The illustrated screw is to be used no more than 37 mm from each end, with subsequent screws spaced no more than 128 mm on center. Glue is not required with this system. Screw heads and/or plastic trim caps may not be visible on exposed surfaces in Premium & Custom Grade. Trim caps may be visible on exposed surfaces in Economy Grade, and on semi-exposed surfaces in any Grade.



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Vertical Section  
Special application  
External Hanging Cleat

Horizontal Section  
Semi-exposed  
Plant-on Back

Horizontal Section  
Exposed  
Plant-on Back

\* Stop dado not required when concealed behind face frames or similar covers at point of connection.  
NOTE: When not in violation of design, leading edges of intersecting members may be set back not to exceed 3.2mm [1/8"] provided setback is consistent. Joints in backs must occur at divisions or fixed shelves for fastening; or be splined or otherwise reinforced or supported. See Section 1700 for mounting and hanging suggestions.