

Drift-Clip Bypass Framing Connector



An Ideal Solution for Cold-Formed Steel Construction

The IDCB drift-clip connector is used to secure bypass stud framing to the edge of a slab. The connector will accommodate 1" of lateral drift in each direction and 1" of upward and downward vertical deflection. Tested load values are provided for anchorage to a steel edge angle using #12 x 1 1/4" Strong-Drive® XL Large-Head Metal screws.

Key Features

- Horizontal embossments and corner gussets optimize performance in the F_2 load direction
- Precision-manufactured shouldered screws provided with the IDCB connector are designed to prevent overdriving and to ensure that the clip functions properly
- Simpson Strong-Tie® No-Equal stamps mark the center of the slots to help ensure correct shouldered screw and anchor placement

Material: 97 mil (12 ga.)

Coating: Galvanized (G90)

Installation

- Use the specified type and number of fasteners and anchors.
- In the vertical slots, use the specified number of #14 shouldered screws (included) for attachment to the stud. Install screws to align with the No-Equal stamp.
- For attachment to a minimum 3/16"- and maximum 1/2"-thick steel edge angle, use Simpson Strong-Tie® Strong-Drive XL Large-Head Metal screws (XLQ114B1224). Use one screw centered in each horizontal slot. Install screws to align with the No-Equal stamp and back out 1/2 turn.
- For fastener installation into steel backed by concrete, predrilling of both the steel and the concrete may be required. For predrilling, use a maximum 3/16"-dia. drill bit.

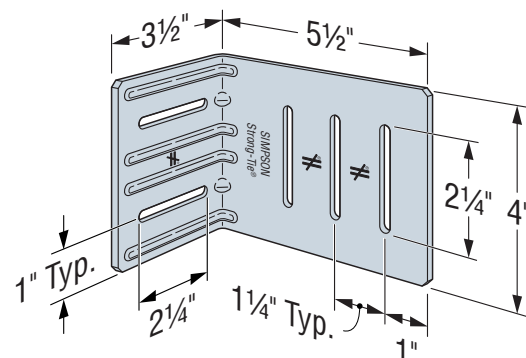
Codes: Testing performed in accordance with ICC-ES AC 261. Visit strongtie.com for the latest load values and testing information.

Ordering Information

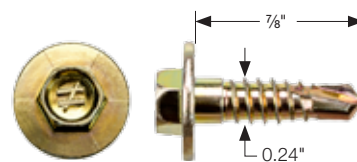
- IDCB45.5-KT25 contains (25) IDCB45.5 connectors and (83) XLSH78B1414 shouldered screws



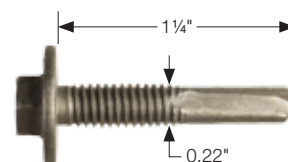
Typical IDCB Installation



IDCB45.5



#14 Shouldered Screw for Attachment to Stud Framing (Included)



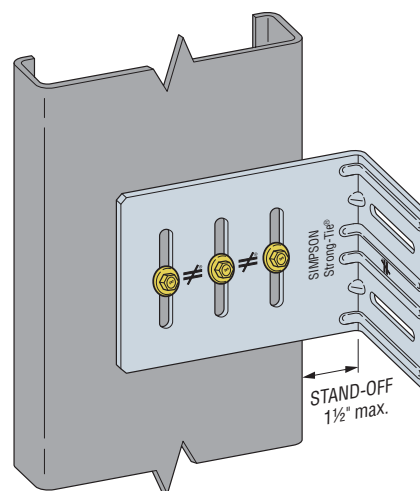
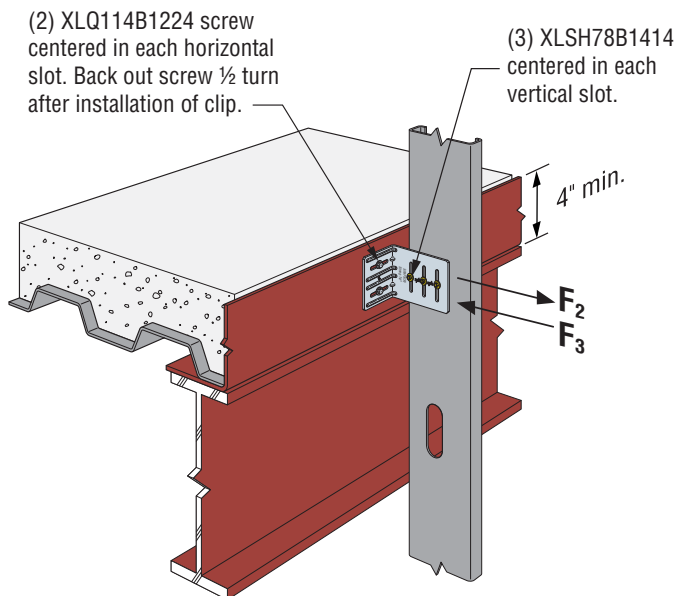
XLQ114B1224 Screw for Anchorage to Steel Edge Angle (Sold Separately)

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IDCB45.5 Allowable Connector Loads (lb.)

Model No.	No. of #14 Shouldered Screws ¹	No. of #12 XLQ Screw Anchors ²	Load Dir.	Stud Thickness mil (ga.)	Strength ³		Service Limit ³	
					ASD	LRFD	1/8" Deformation	3/16" Deformation
IDCB45.5	3	2	F ₂ and F ₃	33 mil (20 ga.)	600	900	410	650
				43 mil (18 ga.)	680	1,060	455	695
				54 mil (16 ga.)	760	1,220	500	745

- #14 x 7/8" shouldered screw (model no. "XLSH78B1414") provided with the clips are ASTM C1513 compliant.
- For additional information on the #12 XL screw (model no. "XLQ114B1224") refer to IAPMO UES ER-326.
- The capacity of the connection will be the minimum of Strength Load and applicable Service Limit Load as determined by the Designer.
- See additional important general information on pages 12-15 of the catalog C-CFS-15.



Stand-Off Distance