

IDCB Drift-Clip Bypass Framing Connector

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.

Features:

- Horizontal embossments and corner gussets optimize performance in the F₂ 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.), 50 ksi

Coating: Galvanized (G90)

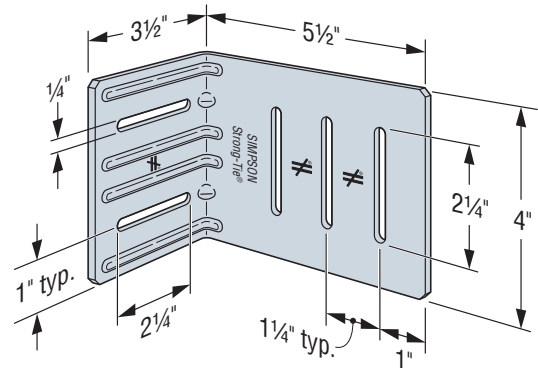
Installation:

- 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"-diameter drill bit.

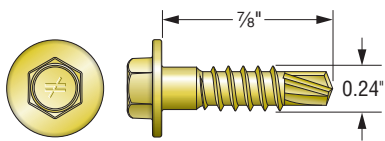
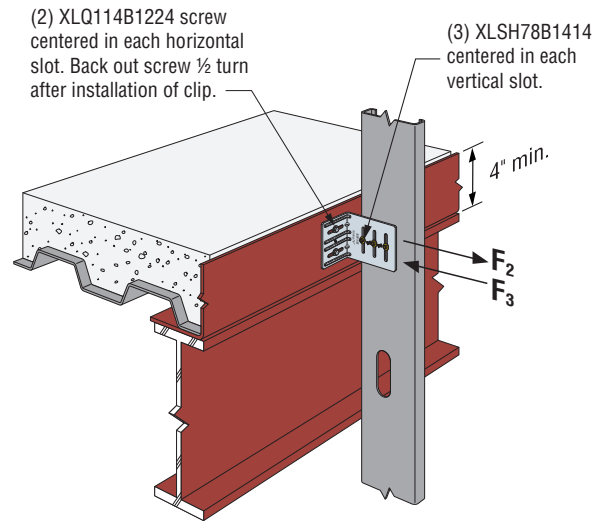
Codes: See p. 13 for Code Reference Key Chart

Ordering Information:

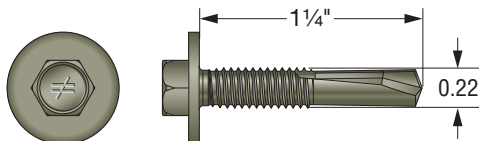
IDCB45.5-KT25 contains (25) IDCB45.5 connectors and (83) XLSH78B1414 #14 shouldered screws



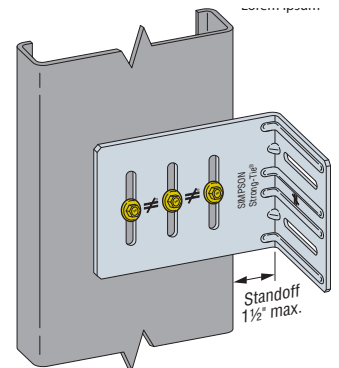
IDCB45.5



XLSH78B1414
#14 Shouldered Screw for Attachment to Stud Framing
(included)



XLQ114B1224 Screw for Anchorage to Steel Edge Angle
(sold separately)



Standoff Distance

IDCB45.5 Connector Loads (lb.)

Model No.	No. of #14 Shouldered Screws ¹	No. of #12 XLQ Screw Anchors ²	Load Direction	Stud Thickness mil (ga.)	Strength ³ (lb.)		Service Limit ³ (lb.)		Code Ref.
					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	

1. #14 x 7/8" shouldered screw (model no. "XLSH78B1414") provided with the clips are ASTM C1513 compliant.
 2. For additional information on the #12 XL screw (model no. "XLQ114B1224") refer to strongtie.com.
 3. The capacity of the connection will be the minimum of Strength Load and applicable Service Limit Load as determined by the designer.
 4. For additional important information, see General Information and Notes on p. 26.