

Technical data sheet



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 25mm of lateral drift in each direction and 25mm of upward and downward vertical deflection.

Tested load values are provided for anchorage to a steel edge angle using Ø5.5 x 32 Strong-Drive® XL large-head metal screws.

Features

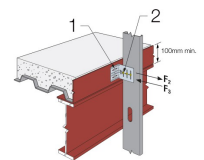
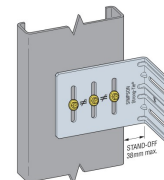
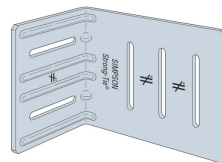
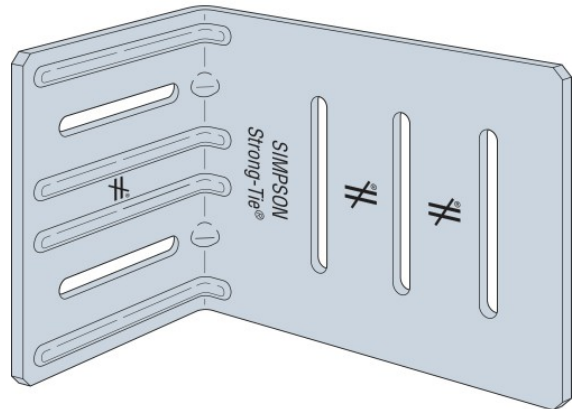
Benefits

- Horizontal embossments and corner gussets optimise 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.

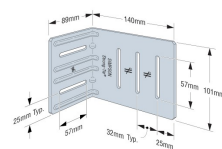
Applications

Suitable For

Light Gauge Steel Construction



1. XLQ114B1224 screw centred in each horizontal slot. Back out screw 1/2 turn after installation of clip.
2. XLSH78B1414 centred in each vertical slot.



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Characteristic Loads

References	Number of Fasteners		Characteristic Loads F_2 & F_3 [kN]		
	Support ⁽¹⁾	Support ⁽²⁾	0.9 mm Stud	1.2 mm Stud	1.4 mm Stud
IDCB45.5-KT25	2 - XLQ114B1124	3 - XLSH78B1414	4.00	4.72	5.43

Deflection Limits (mm)	Serviceability Loads F_2 & F_3 (kN)		
	0.9mm Stud	1.2mm Stud	1.4mm Stud
3.00	1.82	2.02	2.22
4.75	2.89	2.89	3.31

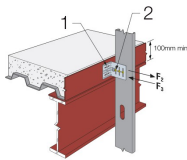
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Installation

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 4.75mm and maximum of 12.5mm 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 4.75mm dia. drill bit.



1. XLQ114B1224 screw centred in each horizontal slot. Back out screw 1/2 turn after installation of clip.
2. XLSH78B1414 centred in each vertical slot.

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