

## 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

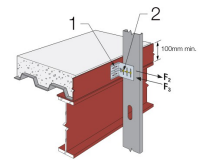
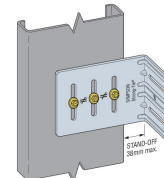
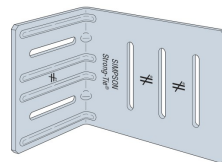
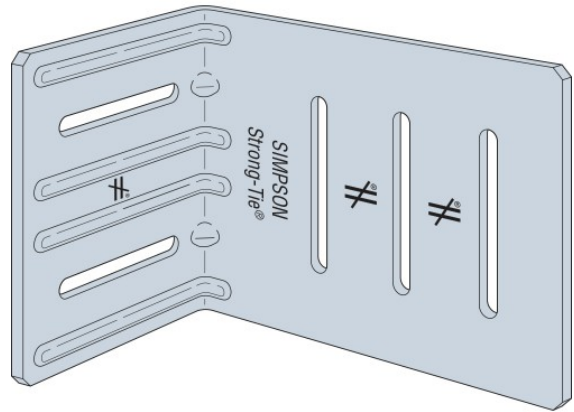
#### Benefits

- 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.

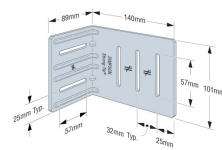
### Applications

#### 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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## Technical Data

### Characteristic Loads

References	Number of Fasteners		Characteristic Loads $F_2$ & $F_3$ [kN]		
	Support <sup>(1)</sup>	Support <sup>(2)</sup>	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

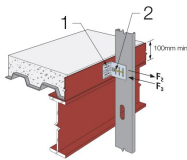
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### Installation

#### 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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