

# HU Heavy Duty Face Fix Joist Hangers

Designed for applications where extra load resistance is needed



Suitable for fixing to timber or masonry

The HU Face Fix Joist Hanger is a heavy-duty hanger designed for applications requiring additional strength and safety factors.

## Features and Benefits

- Quick and easy installation using either nails or screws.
- Triangular holes (on most models) are for increased load capacity.
- Manufactured in heavier gauge steel for a stronger load capacity.
- Large seat for joists provides greater strength and support.
- Can be installed on solid timber header, or concrete/masonry wall.
- Installation to the header material can be done with Strong-Drive® connector nails, Strong-Drive® SD connector screws (for timber attachment) or Titen Turbo™ Concrete and Masonry Screw Anchors (for concrete and masonry attachment).

(Please refer to technical sheet for installation and load requirements).

## Material

- Carbon Steel 2 mm thick.

## Finish

- Z275 Galvanised
- Please see Resources>Corrosion on our website for information if suitable for your application.



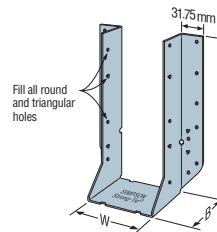
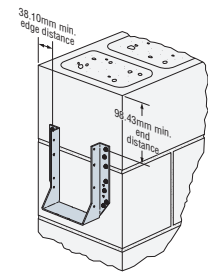
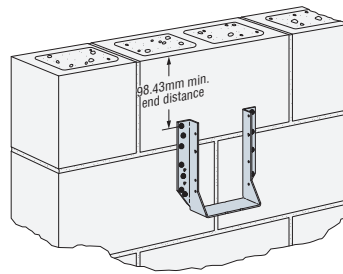
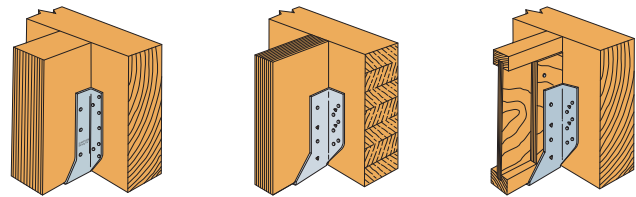
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## Typical Installation

- Use all specified fasteners (Refer to table below). Fasteners sold separately.
- Suitable for use with CCN64 connector nail gun (for timber attachment only).
- Verify that the header can take the fasteners specified in the table.
- HU hangers must be installed by filling all round and triangular holes, with the specified fasteners.
- Web stiffeners are required for all I-joists used with these hangers.
- The hanger depth is to be at least 60% of the carried member depth to prevent rotation, unless additional lateral restraint is added to the top of the carried member.
- When nailing into solid sawn carrying member's end grain, the allowable load should be adjusted by a factor of 0.67.
- Recommended screw anchors for concrete core filled block work and solid concrete are the Titen Turbo™ 6.5mm x 70mm Hex Head - Model TNT25234H. (Please refer to the technical data sheet for installation using TNT screw anchors to concrete and masonry walls).
- Drill and prep the holes according to the installation instructions provided with Titen Turbo screw anchors.



Typical HU



Carton

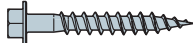
## Product Information

Model No.	Markings on Hanger	Joist Size (mm)		Joist Hanger Dims (mm)			Fasteners (HDG) (No. - Length x Dia., mm)		Ctn Qty	Carton Barcode	Carton Dims (W x L x H) and weight	
		W	H	W	H	B	Face	Joist			W	L x H
HU140/45	HU1.81/5	45	140-205	46	137	64	16 - 38 x 3.75	6 - 38 x 3.75	25	707392017431	203 x 352 x 191 mm	7.7 kg
HU170/45	HU7	45	170-255	46	170	64	16 - 38 x 3.75	8 - 38 x 3.75	25	707392017448	203 x 352 x 222 mm	9.5 kg
HU240/45	HU9	45	240-355	46	237	64	24 - 38 x 3.75	10 - 38 x 3.75	25	707392017455	203 x 524 x 165 mm	12.4 kg
HU285/45	HU11	45	285-420	46	281	64	30 - 38 x 3.75	10 - 38 x 3.75	25	707392017462	203 x 524 x 165 mm	14.5 kg
HU135/63	HU36	63	135-190	65	133	67	8 - 38 x 3.75	4 - 38 x 3.75	50	707392017479	203 x 352 x 292 mm	16.6 kg
HU170/63	HU38	63	170-250	65	167	67	10 - 38 x 3.75	4 - 38 x 3.75	25	707392017486	203 x 352 x 191 mm	10.5 kg
HU225/63	HU310	63	225-335	65	225	67	14 - 38 x 3.75	6 - 38 x 3.75	25	707392017837	203 x 524 x 165 mm	12.4 kg
HU275/63	HU312	63	275-410	65	275	67	16 - 38 x 3.75	6 - 38 x 3.75	25	707392017493	203 x 524 x 203 mm	14.5 kg
HU120/90	HU46	90	120-180	90	120	67	12 - 38 x 3.75	6 - 38 x 3.75	50	707392017509	203 x 524 x 267 mm	17.3 kg
HU155/90	HU48	90	160-235	90	155	67	14 - 38 x 3.75	6 - 38 x 3.75	25	707392017516	203 x 352 x 222 mm	10.7 kg
HU215/90	HU410	90	215-315	90	213	67	18 - 38 x 3.75	10 - 38 x 3.75	25	707392017523	203 x 524 x 165 mm	12.8 kg
HU265/90	HU412	90	265-390	90	263	67	22 - 38 x 3.75	10 - 38 x 3.75	25	707392017530	203 x 524 x 165 mm	14.7 kg
HU305/90	HU414	90	305-450	90	302	67	24 - 38 x 3.75	12 - 38 x 3.75	25	707392017844	203 x 524 x 229 mm	17.3 kg

## Fasteners for Timber



Collated and Loose Strong-Drive® SCN Smooth-Shank Connector Nail (N10HDG)



Strong-Drive® SD Connector Screw (SD10112 - #10 x 38 mm)

## Fasteners for Masonry



Titen Turbo™ - TNT25234H for concrete core filled block work and solid concrete.

\*Please refer to technical data sheet for installation and load requirements

Simpson Strong-Tie® Australia  
Call **1300 STRONGTIE (1300 787664)**  
[www.strongtie.com.au](http://www.strongtie.com.au)

Simpson Strong-Tie® New Zealand  
Call **09 477 4440**  
[www.strongtie.co.nz](http://www.strongtie.co.nz)

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