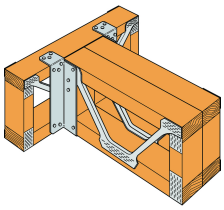
Technical Sheet

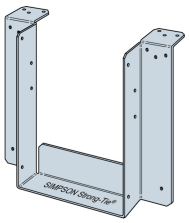
HIUB
Metal Web Joist Hangers

The HIUB hangers support metal web joists and solid timber joists without the need for plywood gussets.

- *Can be used on metal web joists or solid joist headers.*
- *Eliminates the need for plywood gussets when supported from a metal web joist.*







Features

Material

- Pre-galvanised mild steel

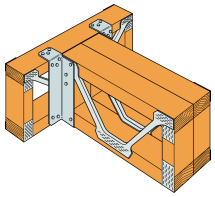
Installation

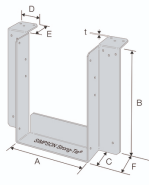
- Position the hanger onto the face of supporting floor joist, ensuring the bottom flanges are tight up against
  the underside of the bottom chord.
- Install 3.75 x 30mm nails into the holes within the hanger bottom
  flanges. Fill all face round and obround holes with 3.75 x 30mm square twist nails.
- Sit the carried joist into the hanger and install 3.75 x 30mm nails through the angled pan nail holes into the joist.
- For enhanced uplift, fill all joist triangular nail holes with 3.75 x 30mm nails.

Technical Sheet

HIUB
Metal Web Joist Hangers

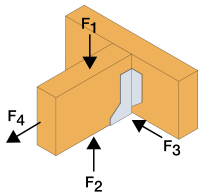
Technical Data





Product Dimensions

Reference	Connector Dimensions												
	Timber size[mm]		Product Dimensions[mm]							Header holes	Joist holes		Other
	Width[mm]	Height	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	F[mm]	t[mm]	Round Ø4[mm]	Round Ø4[mm]	Obround Ø4[mm]	Weight[kg]
HIUB195/75	72	195	75	195	63	64	64	66	2	16	6	2	1.053
HIUB304/75	72	304	75	304	63	64	64	66	2	16	6	2	1.49
HIUB225/125	122	225	125	225	63	64	64	66	2	16	6	2	-
HIUB304/125	122	304	125	304	63	64	64	66	2	16	6	2	1.59
HIUB373/125	122	373	125	373	63	64	64	66	2	16	6	2	1.866
HIUB195/146	2x72	195	146	195	63	64	64	66	2	16	6	2	-
HIUB195/150	147	195	150	195	63	64	64	66	2	16	6	2	1.504
HIUB225/150	147	225	150	225	63	64	64	66	2	16	6	2	-
HIUB304/150	147	304	150	304	63	64	64	66	2	16	6	2	1.94
HIUB200/246	2x122	200	246	200	63	64	64	66	2	16	6	2	-



Product characteristic capacities

Reference	Hanger capacity					
	Product Capacities					Safe Working Loads[kN]
	Number of Fasteners			Product characteristic capacities - Timber C24[kN]		$R_{1,s}W_{I,long\ term}$
	Header		Joist	$R_{2,k}$	$R_{1,k}$	
	Top Qty	Face Qty	Qty	N3.75x30	N3.75x30	N3.75x30
					Standard Installation / Enhanced Installation	

- 3.75 x 30 mm Square Twist Nails - CE marked in accordance with EN14592
- Safe Working Loads have been determned in accordance with BS5268 and are based on C27 / TR26 timbers
- Charactersitc Capacities have been determined in accordnace with EN14358 and are based on C27 / TR26 timbers
- Standard Installation: HIUB installed on a Metal Web Joist without Timber Blocking piece between top and bottom Flanges of Metal Web Joist
- Enhanced Installation: HIUB installed on a Metal Web Joist with Timber Blocking piece between top and bottom Flanges of Metal Web Joist

Technical Sheet

HIUB
Metal Web Joist Hangers

Winchester Road Cardinal Point Tamworth Staffordshire
B78 3HG
tel: +44 1827 255600
fax: +44 1827 255616
Copyright by Simpson Strong-Tie®
Information presented on this document is the exclusive property of Simpson Strong-Tie®