

## 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

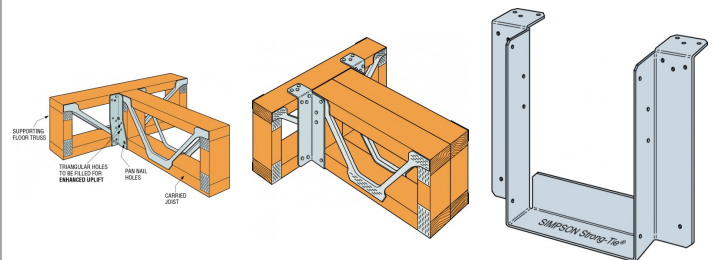
### Material

- 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.

CE



HIUB  
**Metal Web Joist Hangers**

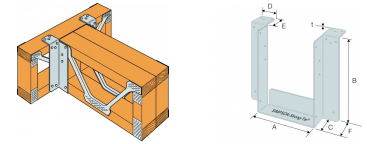
## Technical Data

# Technical data sheet



## HIUB Metal Web Joist Hangers

### Product Dimensions



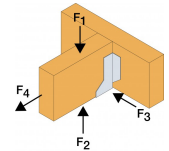
References	Joist Size [mm]		Product Dimensions [mm]							Header holes	Joist holes	
	Width	Height	A	B	C	D	E	F	t	Ø4 [mm]	Ø4 [mm]	Ø6x4
HIUB195/75	72	195	75	195	63	64	64	66	2	16	6	2
HIUB200/75	72	200	75	200	63	64	64	66	2	16	6	2
HIUB220/75	72	220	75	220	63	64	64	66	2	16	6	2
HIUB225/75	72	225	75	225	63	64	64	66	2	16	6	2
HIUB304/75	72	304	75	304	63	64	64	66	2	16	6	2
HIUB373/75	72	373	75	373	63	64	64	66	2	16	6	2
HIUB417/75	72	417-418	75	418	63	64	64	66	2	16	6	2
HIUB421/75	72	421	75	421	63	64	64	66	2	16	6	2
HIUB195/99	97	195	99	195	63	64	64	66	2	16	6	2
HIUB200/99	97	200	99	200	63	64	64	66	2	16	6	2
HIUB220/99	97	220	99	220	63	64	64	66	2	16	6	2
HIUB225/99	97	225	99	225	63	64	64	66	2	16	6	2
HIUB253/99	97	253-254	99	253	63	64	64	66	2	16	6	2
HIUB304/99	97	304	99	304	63	64	64	66	2	16	6	2
HIUB373/99	97	373	99	373	63	64	64	66	2	16	6	2
HIUB417/99	97	417-418	99	418	63	64	64	66	2	16	6	2
HIUB421/99	97	421	99	421	63	64	64	66	2	16	6	2
HIUB195/125	122	195	125	195	63	64	64	66	2	16	6	2
HIUB200/125	122	200	125	200	63	64	64	66	2	16	6	2
HIUB220/125	122	220	125	220	63	64	64	66	2	16	6	2
HIUB304/125	122	304	125	304	63	64	64	66	2	16	6	2
HIUB373/125	122	373	125	373	63	64	64	66	2	16	6	2
HIUB417/125	122	417-418	125	418	63	64	64	66	2	16	6	2
HIUB421/125	122	421	125	421	63	64	64	66	2	16	6	2
HIUB200/146	2x72	200	146	200	63	64	64	66	2	16	6	2
HIUB220/146	2x72	220	146	220	63	64	64	66	2	16	6	2
HIUB225/146	2x72	225	146	225	63	64	64	66	2	16	6	2
HIUB253/146	2x72	253-254	146	253	63	64	64	66	2	16	6	2
HIUB304/146	2x72	304	146	304	63	64	64	66	2	16	6	2
HIUB373/146	2x72	373	146	373	63	64	64	66	2	16	6	2
HIUB417/146	2x72	417-418	146	418	63	64	64	66	2	16	6	2
HIUB421/146	2x72	421	146	421	63	64	64	66	2	16	6	2
HIUB195/150	147	195	150	195	63	64	64	66	2	16	6	2
HIUB200/150	147	200	150	200	63	64	64	66	2	16	6	2
HIUB220/150	147	220	150	220	63	64	64	66	2	16	6	2
HIUB304/150	147	304	150	304	63	64	64	66	2	16	6	2
HIUB417/150	147	417-418	150	418	63	64	64	66	2	16	6	2
HIUB421/150	147	421	150	421	63	64	64	66	2	16	6	2
HIUB195/196	2x97	195	196	195	63	64	64	66	2	16	6	2
HIUB200/196	2x97	200	196	200	63	64	64	66	2	16	6	2
HIUB220/196	2x97	220	196	220	63	64	64	66	2	16	6	2
HIUB225/196	2x97	225	196	225	63	64	64	66	2	16	6	2
HIUB253/196	2x97	253-254	196	253	63	64	64	66	2	16	6	2
HIUB304/196	2x97	304	196	304	63	64	64	66	2	16	6	2
HIUB373/196	2x97	373	196	373	63	64	64	66	2	16	6	2

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References	Joist Size [mm]		Product Dimensions [mm]							Header holes	Joist holes	
	Width	Height	A	B	C	D	E	F	t	Ø4 [mm]	Ø4 [mm]	Ø6x4
HIUB417/196	2x97	417-418	196	418	63	64	64	66	2	16	6	2
HIUB421/196	2x97	421	196	421	63	64	64	66	2	16	6	2
HIUB195/246	2x122	195	246	195	63	64	64	66	2	16	6	2
HIUB220/246	2x122	220	246	220	63	64	64	66	2	16	6	2
HIUB225/246	2x122	225	246	225	63	64	64	66	2	16	6	2
HIUB253/246	2x122	253	246	253	63	64	64	66	2	16	6	2
HIUB304/246	2x122	304	246	304	63	64	64	66	2	16	6	2
HIUB373/246	2x122	373	246	373	63	64	64	66	2	16	6	2
HIUB417/246	2x122	417-418	246	417	63	64	64	66	2	16	6	2
HIUB421/246	2x122	421	246	421	63	64	64	66	2	16	6	2
HIUB195/296	2x147	195	296	195	63	64	64	66	2	16	6	2
HIUB200/296	2x147	200	296	200	63	64	64	66	2	16	6	2
HIUB220/296	2x149	220	296	220	63	64	64	66	2	16	6	2
HIUB225/296	2x150	225	296	225	63	64	64	66	2	16	6	2
HIUB253/296	2x151	253-254	296	-	63	64	64	66	2	16	6	2
HIUB304/296	2x153	304	296	304	63	64	64	66	2	16	6	2
HIUB373/296	2x154	373	296	373	63	64	64	66	2	16	6	2



### Product characteristic capacities

References	Product Capacities								
	Number of Fasteners			Product characteristic capacities - Timber C24 [kN]			Safe working loads [kN]		
	Header		Joist	R <sub>1,k</sub>		R <sub>2,k</sub>	R <sub>1,SWL,LongTerm</sub>		R <sub>2,SWL,Short Term</sub>
	Top Qty	Face Qty	Qty	N3.75x30		N3.75x30	N3.75x30		N3.75x30
			Standard Installation	Enhanced Installation		Standard Installation	Enhanced Installation		
HIUB	6	10	8	19.2	23.4	7	8.1	10.8	3.5

- 3.75 x 30 mm Square Twist Nails - CE marked in accordance with EN14592
- Safe Working Loads have been determined in accordance with BS5268 and are based on C27 / TR26 timbers
- Characteristic Capacities have been determined in accordance 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

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