



SAE and SAI ranges are heavy-duty hangers designed for applications requiring additional strength.



[UK-DoP-e06/0270](#)
[ETA-06/0270](#)

FEATURES

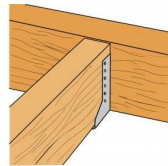
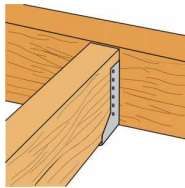


Material

Pre-galvanised mild steel.

Benefits

Quick and simple installation.



APPLICATIONS

Header member

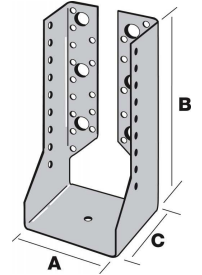
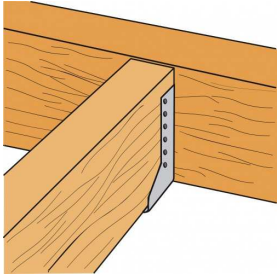
Solid Timber
I-Joists
Steel

For Use With

Solid sawn timber joists.
Purlins.

TECHNICAL DATA

All holes filled.



References	Joist	Dimensions			Fixing			Safe Working Loads [kN]			Characteristic Capacities [kN]		
	Width [mm]	A	B	C	Qty		Type	Short Term Uplift (C16 Joist)	Long Term Download		Uplift (C16 Joist)	Download	
					Header	Joist			C16 Header	C24 Header		C16 Header	C24 Header
SAI380/90	88 - 2 Ply 44	90	145	76	20	12	N3.75x30	5.1	7.9	10	10.2	19	20
SAI500/91	88 - 2 Ply 44	91	204.5	76	32	18	N3.75x30	7.6	11.4	14	15.2	27.4	28
SAI620/91	88 - 2 Ply 44	91	264.5	75	40	22	N3.75x30	9.3	14.6	17.5	18.6	34.9	35
SAI380/100	100	100	140	76	20	12	N3.75x30	5.1	7.9	10	10.2	19	20
SAI500/100	100	100	200	76	32	18	N3.75x30	7.6	11.4	14	15.2	27.4	28
SAI620/100	100	100	260	75	40	22	N3.75x30	9.3	14.6	17.5	18.6	34.9	35
SAI620/116	115	116	252	75	40	22	N3.75x30	9.3	14.6	17.5	18.6	34.9	35
SAI500/125	125	125	187.5	84	32	16	N3.75x30	6.8	11.4	14	13.6	27.4	28
SAI620/125	125	125	247.5	75	40	22	N3.75x30	9.3	14.6	17.5	18.6	34.9	35
SAI500/150	150	150	175	84	32	16	N3.75x30	6.8	11.4	14	13.6	27.4	28
SAI620/150	150	150	235	75	40	22	N3.75x30	9.3	14.6	17.5	18.6	34.9	35
SAI590/200	200	200	195	78	30	20	N3.75x30	8.5	10.7	13.2	16.9	25.8	26.5

The dimensions A, B and C are the inner dimensions of the hanger.

INSTALLATION

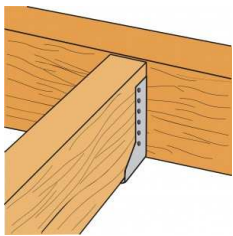
Fixing

Install using 3.75 x 30mm square twist nails.

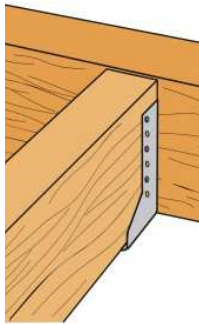
Installation

Sur Bois :

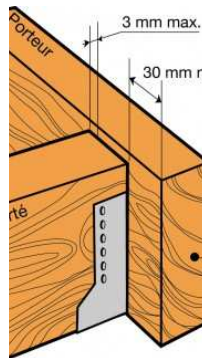
1. Tracer l'emplacement de la poutre portée sur le porteur,
1. Présenter le sabot et préfixer les ailes de chaque côté,
2. Ajuster le sabot par rapport aux tracés : le sabot doit être légèrement plus ouvert en haut que en bas pour faciliter l'installation de la poutre portée,
2. Finaliser la fixation sur chaque aile,
3. Présenter la poutre portée dans le sabot et la fixer en clouage partiel ou total.



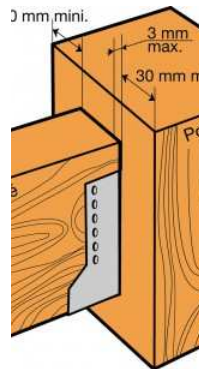
All holes filled.



Partial holes filled.



Beam assembly.



Post assembly.