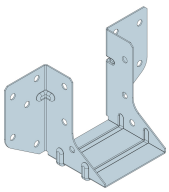
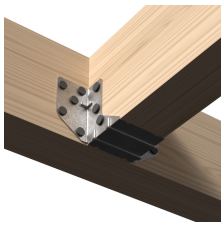
Technical Sheet

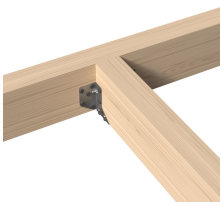
MHA
Mini Hanger

The MHA is a galvanised mini joist hanger suitable for use with regularised timber, rough sawn timber, I-Joists and LVL.
Ideally suited for small timber sections and timber members; such as trimmers and ceiling joists











Features

Material

Pre-galvanised mild steel

Technical Sheet

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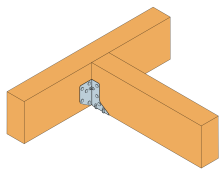
Mini Hanger

Technical Data

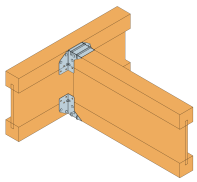
Product Dimensions

Reference	Connector Dimensions						
	Product Dimensions[mm]				Header holes	Joist holes	Other
	A[mm]	B[mm]	C[mm]	t[mm]	Round Ø4.1	Round Ø4.1[mm]	Weight[kg]
MHA38	38	66	45	0.8	10	6	0.5
MHA47	47	62	45	0.8	10	6	0.5
MHA50	50	60	45	0.8	10	6	0.5



Performance Values - Solid Joists

Reference	Hanger capacity					
	Performance Values - Solid Joists					
	Number of Fasteners		Characteristic Capacities[kN]			
	Joist	Header	$R_{1,k}$ C16 Header	R1,k TR26 Header	$R_{2,k}$	R1,k C24 Header
	Qty	Qty	N3.75x30 CSA4.0x30	N3.75x30 CSA4.0x30	N3.75x30 CSA4.0x30	N3.75x30 CSA4.0x30
MHA38	6.0	10.0	8.1	9.2	2.5	8.8
MHA47	6.0	10.0	8.1	9.2	2.5	8.8
MHA50	6.0	10.0	8.1	9.2	2.5	8.8



Performance Values - I-Joists

Reference	Hanger capacity					
	Performance Values - I-Joists					
	Characteristic Capacities[kN]				Number of Fasteners	
	R1,k C24 Flanges	R2,k C24 Flanges	R1,k LVL Flanges	R2,k LVL Flanges	Joist	Header
	N3.75x30 CSA4.0x30	N3.75x30 CSA4.0x30	N3.75x30 CSA4.0x30	N3.75x30 CSA4.0x30	Qty	Qty
MHA38	3.9	3.9	3.5	3.5	8.0	8.0
MHA47	3.9	3.9	3.5	3.5	8.0	8.0
MHA50	3.9	3.9	3.5	3.5	8.0	8.0

Note: Fasteners quantity and performance values are for 2 No MHA hangers

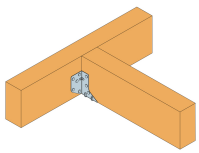
Installation

INSTALLATION NOTES

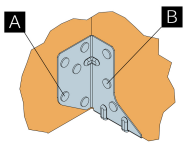
For solid header fill all nail holes. For I-Joist headers fill the bottom two nail holes on each side.

• Hanger depth should be at least 60% of carried member depth to prevent rotation. If less than 60%, then additional lateral restraint to the top of the carried member is required.

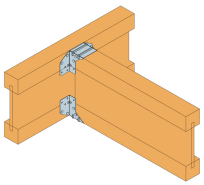
Solid Headers
Install 5 header nails per side [A] and install 3 joist nails per side [B]. Fasteners as stated in the relevant performance tables.
I-Joist Headers
For I-joist headers, 2 hangers are required; one top and one bottom
Fill the bottom 2 nail holes on each side; 2 header nails per side [C] and 2 joist nails per side [D]



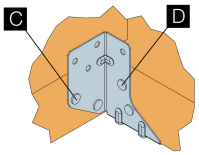
MHA Solid Joist Installation



MHA Solid Joist Nailing



MHA I-Joist Installation



MHA I-Joist Nailing

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