



The MH is a one piece galvanised hanger available in a range of widths for light duty applications such as trimmers and ceiling joists of rectangular section. THE MH can also be used to build decking platforms.



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

FEATURES

Material

- Pre-galvanised mild steel

Installation

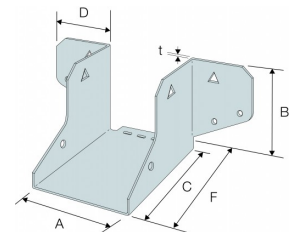
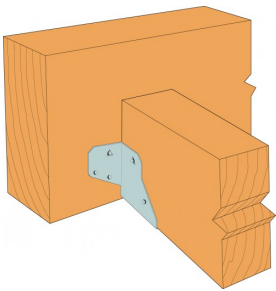
For solid headers fill all round and triangular holes with nails.

For I-joist headers, fill all round holes with nails.

The hanger depth should be at least 60% of the carried member depth to prevent rotation, if less than 60% additional lateral restraint is required to the top of the carried member.

TECHNICAL DATA

Product Dimensions



References	Product Dimensions [mm]						Header holes		Joist holes	
	A	B	C	D	F	t	Ø4 [mm]	Triangular Hole	Ø4 [mm]	Triangular Hole
MH40	40	55	56	32	63	1	4	2	2	2
MH46	46	52	56	32	63	1	4	2	2	2
MH50	50	50	56	32	63	1	4	2	2	2

Product capacities - Solid Joists - Full nailing

References	Number of Fasteners		Characteristic Capacities [kN]			Safe Working Loads [kN]		
	Header	Joist	R _{1,k}		R _{2,k}	R _{1,SWL,Long term}		Short Term Uplift
	Qty	Qty	C16 N3.75x30	Timber TR26 N3.75x30	C16 N3.75x30	C16 N3.75x30	Timber TR26 N3.75x30	C16 Joist N3.75x30
MH40	6	4	3.9	5	3.6	2.5	2.8	1.8
MH46	6	4	3.9	5	3.6	2.5	2.8	1.8
MH50	6	4	3.9	5	3.6	2.5	2.8	1.8

Product capacities - I-Joists - Full nailing

References	Number of Fasteners		Characteristic Capacities [kN]			Safe Working Loads [kN]		
	Header	Joist	R _{1,k}		R _{2,k}	R _{1,SWL,Long Term}		Short Term Uplift
	Qty	Qty	C24 Flanges N3.75x30	LVL (38 mm) N3.75x30	All Flange Types N3.75x30	C24 Flanges N3.75x30	LVL (38 mm) N3.75x30	All Flange Types N3.75x30
MH40	4	2	3.9	3.6	1.8	2	1.5	0.9
MH46	4	2	3.9	3.6	1.8	2	1.5	0.9
MH50	4	2	3.9	3.6	1.8	2	1.5	0.9

For 28 mm LVL Flanges use only 2 no. nails into the I-Joist Support

Product capacities - Sacrificial Floor detail - Full nailing

References	Number of Fasteners		Characteristic Capacities [kN]	Safe Working Loads [kN]
	Header	Joist	R _{1,k}	R _{1,SWL,Long term}
	Qty (min.)	Qty (min.)	All Joist Types N3.75x30	All Joist Types N3.75x30
MH40	4	2	4.6	2.5
MH46	4	2	4.6	2.5
MH50	4	2	4.6	2.5

Based upon 2 No. MH hangers installed - one to top and one to bottom flange

