



The HJHM range of joist hangers can be used to connect solid sawn joists, trusses, and engineered joists to masonry walls or steel beams.

[UK-DoP-h07/0003](#)

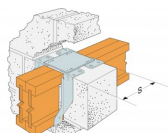
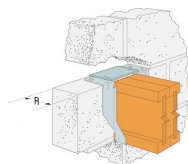
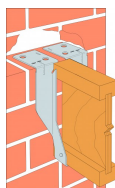
FEATURES

Material

- Pre-galvanised mild steel

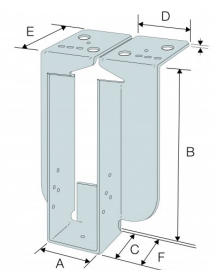
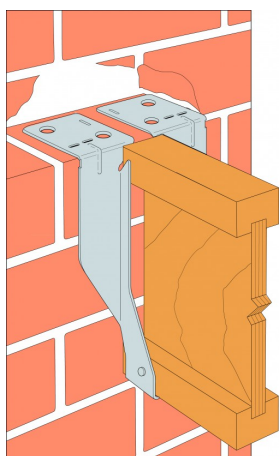
Benefits

- Built-in inspection slot at the base of the hanger to aid inspection from the ground.
- HJHM: Heavy duty masonry hanger for higher load carrying capacity.
- Top flange provides widest area in contact with masonry support allowing superior performance.
- Embossments on JHM stiffen top flange and holes allow improved mortar keying.
- Side flange is much higher than traditional style, providing greatly enhanced resistance to joist rotation.



TECHNICAL DATA

Product Dimensions



References	Joist Size [mm]		Product Dimensions [mm]							Joist holes	
	Height	Width	A	B	C	D	E	F	t	Triangular Hole	Ø6x4 Oblong
HJHM150/38	150	35	38	140	80	110	92.5	83	3	8	2

References	Joist Size [mm]		Product Dimensions [mm]							Joist holes	
	Height	Width	A	B	C	D	E	F	t	Triangular Hole	Ø6x4 Oblong
HJHM200/38	200	35	38	190	80	110	92.5	83	3	8	2
HJHM225/38	225	35	38	215	80	110	92.5	83	3	8	2
HJHM150/40	150	38	40	140	80	110	92.5	83	3	8	2
HJHM220/40	220	38	40	210	80	110	92.5	83	3	8	2
HJHM225/40	225	38	40	215	80	110	92.5	83	3	8	2
HJHM150/50	150	47-50	50	140	80	110	92.5	83	3	8	2
HJHM200/50	200	47-50	50	190	80	110	92.5	83	3	8	2
HJHM225/50	225	47-50	50	215	80	110	92.5	83	3	8	2
HJHM150/75	150	75	75	140	80	110	92.5	83	3	8	2
HJHM175/75	175	75	75	165	80	110	92.5	83	3	8	2
HJHM200/75	200	75	75	190	80	110	92.5	83	3	8	2
HJHM225/75	225	75	75	215	80	110	92.5	83	3	8	2
HJHM250/75	250	75	75	240	80	110	92.5	83	3	8	2
HJHM300/75	300	75	75	290	80	110	92.5	83	3	8	2
HJHM150/100	150	97-100	100	140	80	110	92.5	83	3	8	2
HJHM175/100	175	97-100	100	165	80	110	92.5	83	3	8	2
HJHM200/100	200	97-100	100	190	80	110	92.5	83	3	8	2
HJHM225/100	225	97-100	100	215	80	110	92.5	83	3	8	2
HJHM250/100	250	97-100	100	240	80	110	92.5	83	3	8	2
HJHM300/100	300	97-100	100	290	80	110	92.5	83	3	8	2
HJHM150/125	150	2x63 or 122	125	140	80	110	92.5	83	3	8	2
HJHM200/125	200	2x63 or 122	125	190	80	110	92.5	83	3	8	2
HJHM225/125	225	2x63 or 122	125	215	80	110	92.5	83	3	8	2
HJHM250/125	250	2x63 or 122	125	240	80	110	92.5	83	3	8	2
HJHM150/150	150	3x50 or 2x75	150	140	80	110	92.5	83	3	8	2
HJHM200/150	200	3x50 or 2x75	150	190	80	110	92.5	83	3	8	2
HJHM225/150	225	3x50 or 2x75	150	215	80	110	92.5	83	3	8	2
HJHM250/150	250	3x50 or 2x75	150	240	80	110	92.5	83	3	8	2
HJHM225/190	225	4x47	190	215	80	110	92.5	83	3	8	2
HJHM150/200	150	4x50 or 2x100	200	140	80	110	92.5	83	3	8	2
HJHM200/200	200	4x50 or 2x100	200	190	80	110	92.5	83	3	8	2
HJHM225/200	225	4x50 or 2x100	200	215	80	110	92.5	83	3	8	2
HJHM250/200	250	4x50 or 2x100	200	240	80	110	92.5	83	3	8	2
HJHM225/225	225	3x75	225	215	80	110	92.5	83	3	8	2
HJHM250/225	250	3x75	225	240	80	110	92.5	83	3	8	2
HJHM225/300	225	3x100	300	215	80	110	92.5	83	3	8	2

Product capacities - Timber to masonry - Standard

References	Number of Fasteners		Characteristic Capacities [kN]				Safe working loads [kN]			
	Joist		R _{1,k}			R _{2,k}	R _{1,SWL,Long Term}			R _{2,SWL,Short Term}
	Qty	Type	2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC		2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC	
HJHM150/38	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1
HJHM200/38	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1
HJHM225/38	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1

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HJHM - Masonry Hangers

page
2/5

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References	Number of Fasteners		Characteristic Capacities [kN]				Safe working loads [kN]			
	Joist		R _{1,k}			R _{2,k}	R _{1,SWL,Long Term}			R _{2,SWL,Short Term}
	Qty	Type	2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC		2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC	
HJHM150/40	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1
HJHM220/40	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1
HJHM225/40	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1
HJHM150/50	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1
HJHM200/50	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1
HJHM225/50	2	N3.75x30	16.2	16.2	30	1.8	8	8	15	1
HJHM150/75	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM175/75	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM200/75	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM225/75	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM250/75	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM300/75	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM150/100	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM175/100	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM200/100	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM225/100	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM250/100	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM300/100	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM150/125	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM200/125	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM225/125	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM250/125	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM150/150	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM200/150	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM225/150	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM250/150	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM225/190	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM150/200	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM200/200	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM225/200	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM250/200	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM225/225	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM250/225	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1
HJHM225/300	2	N3.75x30	16	29.7	30	1.8	8	14.8	15	1

Product capacities - Timber to masonry - Enhanced

References	Number of Fasteners		Characteristic Capacities [kN]				Safe working loads [kN]			
	Joist		R _{1,k}			R _{2,k}	R _{1,SWL,Long Term}			R _{2,SWL,Short Term}
	Qty	Type	2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC		2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC	
HJHM150/38	-	-	-	-	-	-	-	-	-	-
HJHM200/38	-	-	-	-	-	-	-	-	-	-
HJHM225/38	-	-	-	-	-	-	-	-	-	-
HJHM150/40	-	-	-	-	-	-	-	-	-	-
HJHM220/40	-	-	-	-	-	-	-	-	-	-
HJHM225/40	-	-	-	-	-	-	-	-	-	-
HJHM150/50	-	-	-	-	-	-	-	-	-	-
HJHM200/50	-	-	-	-	-	-	-	-	-	-
HJHM225/50	-	-	-	-	-	-	-	-	-	-
HJHM150/75	-	-	-	-	-	-	-	-	-	-
HJHM175/75	-	-	-	-	-	-	-	-	-	-
HJHM200/75	-	-	-	-	-	-	-	-	-	-
HJHM225/75	-	-	-	-	-	-	-	-	-	-
HJHM250/75	-	-	-	-	-	-	-	-	-	-

References	Number of Fasteners		Characteristic Capacities [kN]				Safe working loads [kN]			
	Joist		R _{1,k}			R _{2,k}	R _{1,SWL,Long Term}			R _{2,SWL,Short Term}
	Qty	Type	2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC		2.8N/mm ² Solid AAC	3.5N/mm ² Solid LAC	7N/mm ² Solid DAC	
HJHM300/75	-	-	-	-	-	-	-	-	-	-
HJHM150/100	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM175/100	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM200/100	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM225/100	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM250/100	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM300/100	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM150/125	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM200/125	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM225/125	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM250/125	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM150/150	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM200/150	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM225/150	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM250/150	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM225/190	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM150/200	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM200/200	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM225/200	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM250/200	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM225/225	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM250/225	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1
HJHM225/300	8	4.0x90	15.98	29.67	41.76	1.8	7.99	14.84	20.88	1

INSTALLATION

Installation

- Set the hanger back flange tight against the block wall when built to desired level, then continue with additional courses to complete wall height. Joist should be tight into the back of the hanger. Maximum gap permitted is 6mm.
- Use all specified fasteners.
- A minimum 3 courses of solid block work (675mm masonry) is required above the hanger top flange, with mortar fully cured before applying load.
- Do not stack blocks or heavy loads on the joists during construction unless the joists have additional support to take the full load of the blocks vertically and horizontally.
- The shot-fired pins must be installed by a qualified person in accordance with the manufacturer's installation requirements.