

HJHM is a one-piece heavy duty joist hanger for supporting timber joists, beams and trussed rafters from masonry walls.

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

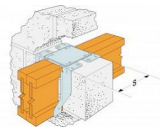
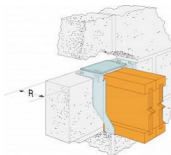
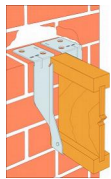
FEATURES

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

Safe Working Loads (Standard Nailing)

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Safe Working Loads [kN]			
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			Uplift
							2.8 - AAC	3.5 - AAC	7.0 - DAC	
HJHM150/38	38	140	35	150	2	3.75 x 30	8.01	8.01	15.00	1.00
HJHM200/38	38	190	35	200	2	3.75 x 30	8.01	8.01	15.00	1.00
HJHM225/38	38	215	35	225	2	3.75 x 30	8.01	8.01	15.00	1.00
HJHM150/40	40	140	38	150	2	3.75 x 30	8.01	8.01	15.00	1.00
HJHM220/40	40	210	38	220	2	3.75 x 30	8.01	8.01	15.00	1.00
HJHM225/40	40	215	38	225	2	3.75 x 30	8.01	8.01	15.00	1.00
HJHM150/50	50	140	50	150	2	3.75 x 30	8.01	8.01	15.00	1.00
HJHM200/50	50	190	50	200	2	3.75 x 30	8.01	8.01	15.00	1.00
HJHM225/50	50	215	50	225	2	3.75 x 30	8.01	8.01	15.00	1.00

Safe Working Loads (Standard Nailing)

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Characteristic Loads [kN]			
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			Uplift
							2.8 - ACC	3.5 - AAC	7.0 - DAC	
HJHM150/38	38	140	35	150	2	3.75 x 30	16.02	16.02	30.01	1.80
HJHM200/38	38	190	35	200	2	3.75 x 30	16.02	16.02	30.01	1.80

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Characteristic Loads [kN]			Uplift
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			
							2.8 - ACC	3.5 - AAC	7.0 - DAC	
HJHM225/38	38	215	35	225	2	3,75 x 30	16.02	16.02	30.01	1.80
HJHM150/40	40	140	38	150	2	3,75 x 30	16.02	16.02	30.01	1.80
HJHM220/40	40	210	38	220	2	3,75 x 30	16.02	16.02	30.01	1.80
HJHM225/40	40	215	38	225	2	3,75 x 30	16.02	16.02	30.01	1.80
HJHM150/50	50	140	50	150	2	3,75 x 30	16.02	16.02	30.01	1.80
HJHM200/50	50	190	50	200	2	3,75 x 30	16.02	16.02	30.01	1.80
HJHM225/50	50	215	50	225	2	3,75 x 30	16.02	16.02	30.01	1.80

Safe Working Loads (75-200mm)

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Safe Working Loads [kN]			Uplift
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			
							2.8 - AAC	3.5 - AAC	7.0 - DAC	
HJHM150/75	75	140	2 Ply 35 or 75	150	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM175/75	75	165	2 Ply 35 or 75	175	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM200/75	75	190	2 Ply 35 or 75	200	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM225/75	75	215	2 Ply 35 or 75	225	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM250/75	75	240	2 Ply 35 or 75	250	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM300/75	75	290	2 Ply 35 or 75	300	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM150/100	100	140	2 Ply 50 or 100	150	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM175/100	100	165	2 Ply 50 or 100	175	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM200/100	100	190	2 Ply 50 or 100	200	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM225/100	100	215	2 Ply 50 or 100	225	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM250/100	100	240	2 Ply 50 or 100	250	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM300/100	100	290	2 Ply 50 or 100	300	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM150/125	125	140	2 Ply 63	150	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM200/125	125	190	2 Ply 63	200	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM225/125	125	215	2 Ply 63	225	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM250/125	125	240	2 Ply 63	250	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM150/150	150	140	3 Ply 50 or 2 Ply 75	150	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM200/150	150	190	3 Ply 50 or 2 Ply 75	200	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM225/150	150	215	3 Ply 50 or 2 Ply 75	225	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM250/150	150	240	3 Ply 50 or 2 Ply 75	250	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM225/190	190	215	3 Ply 63	225	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM150/200	200	140	4 Ply 50 or 2 Ply 100	150	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM200/200	200	190	4 Ply 50 or 2 Ply 100	200	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM225/200	200	215	4 Ply 50 or 2 Ply 100	225	2	3,75 x 30	7.99	14.84	15.00	1.00
HJHM250/200	200	240	4 Ply 50 or 2 Ply 100	250	2	3,75 x 30	7.99	14.84	15.00	1.00

Characteristic Loads (75-200mm)

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Characteristic Loads [kN]			Uplift
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			
							2.8 - AAC	3.5 - AAC	7.0 - DAC	
HJHM150/75	75	140	2 Ply 35 or 75	150	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM175/75	75	165	2 Ply 35 or 75	175	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM200/75	75	190	2 Ply 35 or 75	200	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM225/75	75	215	2 Ply 35 or 75	225	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM250/75	75	240	2 Ply 35 or 75	250	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM300/75	75	290	2 Ply 35 or 75	300	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM150/100	100	140	2 Ply 50 or 100	150	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM175/100	100	165	2 Ply 50 or 100	175	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM200/100	100	190	2 Ply 50 or 100	200	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM225/100	100	215	2 Ply 50 or 100	225	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM250/100	100	240	2 Ply 50 or 100	250	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM300/100	100	290	2 Ply 50 or 100	300	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM150/125	125	140	2 Ply 63	150	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM200/125	125	190	2 Ply 63	200	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM225/125	125	215	2 Ply 63	225	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM250/125	125	240	2 Ply 63	250	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM150/150	150	140	3 Ply 50 or 2 Ply 75	150	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM200/150	150	190	3 Ply 50 or 2 Ply 75	200	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM225/150	150	215	3 Ply 50 or 2 Ply 75	225	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM250/150	150	240	3 Ply 50 or 2 Ply 75	250	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM225/190	190	215	3 Ply 63	225	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM150/200	200	140	4 Ply 50 or 2 Ply 100	150	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM200/200	200	190	4 Ply 50 or 2 Ply 100	200	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM225/200	200	215	4 Ply 50 or 2 Ply 100	225	2	3.75 x 30	15.98	29.67	30.01	1.8
HJHM250/200	200	240	4 Ply 50 or 2 Ply 100	250	2	3.75 x 30	15.98	29.67	30.01	1.8

Safe Working Loads (201-300mm)

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Safe Working Loads [kN]			Uplift
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			
							2.8 - AAC	3.5 - AAC	7.0 - DAC	
HJHM225/225	225	215	3 Ply 75	225	2	3.75 x 30	8.15	8.15	21.49	1.00
HJHM250/225	225	240	3 Ply 75	250	2	3.75 x 30	8.15	8.15	21.49	1.00
HJHM225/300	300	215	3 Ply 100	225	2	3.75 x 30	8.15	8.15	21.49	1.00

Characteristic Loads (201-300mm)

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Characteristic Loads [kN]			
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			Uplift
							2.8 - AAC	3.5 - AAC	7.0 - DAC	
HJHM225/225	225	215	3 Ply 75	225	2	3,75 x 30	15,11	15,11	37,61	1,8
HJHM250/225	225	240	3 Ply 75	250	2	3,75 x 30	15,11	15,11	37,61	1,8
HJHM225/300	300	215	3 Ply 100	225	2	3,75 x 30	15,11	15,11	37,61	1,8

Safe Working Loads (91-200mm)

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Safe Working Loads [kN]			
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			Uplift
							2.8 - AAC	3.5 - AAC	7.0 - DAC	
HJHM150/100	100	140	2 Ply 50 or 100	150	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM175/100	100	165	2 Ply 50 or 100	175	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM200/100	100	190	2 Ply 50 or 100	200	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM225/100	100	215	2 Ply 50 or 100	225	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM250/100	100	240	2 Ply 50 or 100	250	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM300/100	100	290	2 Ply 50 or 100	300	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM150/125	125	140	2 Ply 63	150	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM200/125	125	190	2 Ply 63	200	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM225/125	125	215	2 Ply 63	225	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM250/125	125	240	2 Ply 63	250	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM150/150	150	140	3 Ply 50 or 2 Ply 75	150	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM200/150	150	190	3 Ply 50 or 2 Ply 75	200	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM225/150	150	215	3 Ply 50 or 2 Ply 75	225	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM250/150	150	240	3 Ply 50 or 2 Ply 75	250	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM225/190	190	215	3 Ply 63	225	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM150/200	200	140	4 Ply 50 or 2 Ply 100	150	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM200/200	200	190	4 Ply 50 or 2 Ply 100	200	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM225/200	200	215	4 Ply 50 or 2 Ply 100	225	8	4.0 x 90	7.99	14.84	20.88	1.00
HJHM250/200	200	240	4 Ply 50 or 2 Ply 100	250	8	4.0 x 90	7.99	14.84	20.88	1.00

Characteristic Loads (91-200mm)

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Characteristic Loads [kN]			
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			Uplift
							2.8 - AAC	3.5 - AAC	7.0 - DAC	
HJHM150/100	100	140	2 Ply 50 or 100	150	8	4.0 x 90	15,98	29,67	41,76	1,8
HJHM175/100	100	165	2 Ply 50 or 100	175	8	4.0 x 90	15,98	29,67	41,76	1,8
HJHM200/100	100	190	2 Ply 50 or 100	200	8	4.0 x 90	15,98	29,67	41,76	1,8

References	Hanger Dimensions [mm]		Joist Dimensions [mm]		Joist Fasteners		Characteristic Loads [kN]			Uplift
	Width	Height	Width	Height	Qty	Specification	Block Strength [N/mm ²]			
							2.8 - AAC	3.5 - AAC	7.0 - DAC	
HJHM225/100	100	215	2 Ply 50 or 100	225	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM250/100	100	240	2 Ply 50 or 100	250	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM300/100	100	290	2 Ply 50 or 100	300	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM150/125	125	140	2 Ply 63	150	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM200/125	125	190	2 Ply 63	200	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM225/125	125	215	2 Ply 63	225	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM250/125	125	240	2 Ply 63	250	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM150/150	150	140	3 Ply 50 or 2 Ply 75	150	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM200/150	150	190	3 Ply 50 or 2 Ply 75	200	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM225/150	150	215	3 Ply 50 or 2 Ply 75	225	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM250/150	150	240	3 Ply 50 or 2 Ply 75	250	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM225/190	190	215	3 Ply 63	225	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM150/200	200	140	4 Ply 50 or 2 Ply 100	150	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM200/200	200	190	4 Ply 50 or 2 Ply 100	200	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM225/200	200	215	4 Ply 50 or 2 Ply 100	225	8	4.0 x 90	15.98	29.67	41.76	1.8
HJHM250/200	200	240	4 Ply 50 or 2 Ply 100	250	8	4.0 x 90	15.98	29.67	41.76	1.8

INSTALLATION

Installation

- Use all specified fasteners.
- Set hanger back flange tight against block wall when built to desired level, then continue with additional courses to complete wall height. Joist should be tight into back of hanger when possible. Maximum gap permitted is 6mm.
- **MINIMUM 3 COURSES OF SOLID BLOCK (675MM MASONRY) REQUIRED ABOVE HANGER 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.