Masonry & Multi-Functional Hangers



Single Piece Masonry Hanger



Straight top flange. No welds. Hangers above 150mm are manufactured 10mm less to allow for notching and regularised timber.

CE UKCA

EN 845-1

Technical Data

Width (mm)	47					
Height (mm)	100	125	140	165	190	215
Bearing (mm)	80				75	
No. of Nail Holes	6					
Characteristic value (kN)*	9.7					
Safe working load (kN)#	5.4					

*Eurocode 6 | #BS5628

Product Code	W x H x B (mm)	Joist W x H (mm)	MOQ Qty (pcs)	Qty Break (pcs)
BOX				
Galvanised Steel - 2.4mm				
47100MH	47 x 100 x 80	47 x 100	10	50
47125MH	47 x 125 x 80	47 x 125	10	50
47147MH	47 x 140 x 80	47 x 150	10	50
47175MH	47 x 165 x 75	47 x 175	10	5
47200MH	47 x 190 x 75	47 x 200	10	50
47225MH	47 x 215 x 75	47 x 225	10	50

BMW01

Welded Masonry Hanger



Hangers above 150mm are manufactured 10mm less to allow for notching and regularised timber.

CE UKCA

EN 845-1

Technical Data

Width (mm)	47	75	90	100	150
Height (mm)	All				
Bearing (mm)	80			75	90
No. of Nail Holes	6				
Characteristic value (kN)*	6.7				
Safe working load (kN)#	3.5				

*Eurocode 6 | #BS5628

Product Code	W x H x B (mm)	Joist W x H (mm)	MOQ Qty (pcs)	Qty Break (pcs)
BOX				
Galvanised Steel - 2.4mm				
75150WMH	75 x 140 x 80	75 x 150	10	50
75175WMH	75 x 165 x 80	75 x 175	10	50
75200WMH	75 x 190 x 80	75 x 200	10	50
75225WMH	75 x 215 x 80	75 x 225	10	50
90150WMH	90 x 140 x 80	90 x 150	6	30
90175WMH	90 x 165 x 80	90 x 175	6	30
90200WMH	90 x 190 x 80	90 x 200	6	30
90225WMH	90 x 215 x 80	90 x 225	6	30
100150WMH	100 x 140 x 75	100 x 150	6	30
100175WMH	100 x 165 x 75	100 x 175	6	30
100200WMH	100 x 190 x 75	100 x 200	6	30
100225WMH	100 x 215 x 75	100 x 225	6	30
150200WMH	150 x 190 x 90	150 x 200	6	30
150225WMH	150 x 215 x 90	150 x 225	6	30
A2 - 304 Stainless Steel - 2.4mm				
47100WMHS	47 x 100 x 80	47 x 100	6	30
47150WMHS	47 x 140 x 80	47 x 150	6	30
47175WMHS	47 x 165 x 80	47 x 175	6	30
47200WMHS	47 x 190 x 80	47 x 200	6	30
47225WMHS	47 x 215 x 80	47 x 225	6	30
100150WMHS	100 x 140 x 80	100 x 150	6	30
100175WMHS	100 x 165 x 80	100 x 175	6	30
100200WMHS	100 x 190 x 80	100 x 200	6	30
100225WMHS	100 x 215 x 80	100 x 225	6	30

BMW01

Multi-Functional Hanger



Designed for use with different fixings to give greater flexibility and improved performance.

NOTE: Total length refers to the length of the hanger when flat.

Technical Data

Total Length (mm)	240	346	404	504
Width (mm)	47	All		
Bearing (mm)	85			
Characteristic value (kN)*	N/A	12.8	19.8	25.1
SWL (kN)# - Short term	N/A	6.4	9.9	12.55
SWL (kN)# - Medium term	N/A	6.1	9.4	11.95
SWL(kN)# - Long term	N/A	5.3	8.25	10.45

*Eurocode 6 | #BS5628 SWL-Safe Working Load

Product Code	W x H x B (mm)	Total Length (mm)	No. of Nail Holes	MOQ Qty (pcs)	Qty Break (pcs)
BOX					
Galvanised Steel - 2.0mm					
47346MFH	47 x 150 x 85	346	25	10	50
47404MFH	47 x 179 x 85	404	33	10	50
47504MFH	47 x 229 x 85	504	49	10	50
76346MFH	76 x 135 x 85	346	49	10	50
76404MFH	76 x 164 x 85	404	25	10	50
76504MFH	76 x 214 x 85	504	33	10	50
90504MFH	90 x 207 x 85	504	49	10	50
100346MFH	100 x 123 x 85	346	25	10	50
100404MFH	100 x 152 x 85	404	33	10	50
100504MFH	100 x 202 x 85	504	49	10	50
150404MFH	150 x 127 x 85	404	33	10	50
150504MFH	150 x 177 x 85	504	49	10	50
Mini Multi-Functional Hanger					
Galvanised Steel - 1.6mm					
47240MMFH	47 x 97 x 85	240	18	10	5

BMW02

Installation Guidelines

- Ensure the back plate of the hanger sits flat against the wall and is securely fixed.
- A minimum of three block courses (675mm) must be constructed above the hanger before the joist is loaded.
- Nail the side flanges with 3.75 x 30 galvanised square twist nails.
- Allow enough time for the mortar to cure before any load is applied.
- Maximum gap between the wall and joist is 6mm.
- Joist should be square cut and sit tight to the back of the hanger.
- Hangers 150mm and above are manufactured 10mm less to allow for notching and regularised timber.

Installation Guidelines

- All holes should be nailed using 3.75 x 30 square twist nails or equivalent.