

# 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.



APPROVED

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 | #BSS628

Product Code	W x H x B (mm)	Joist W x H (mm)	MOQ Qty (pcs)	Qty Break (pcs)
<b>BOX</b>				
<b>Galvanised Steel - 2.4mm</b>				
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.



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 | #BSS628

Product Code	W x H x B (mm)	Joist W x H (mm)	MOQ Qty (pcs)	Qty Break (pcs)
<b>BOX</b>				
<b>Galvanised Steel - 2.4mm</b>				
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 | #BSS628 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)
<b>BOX</b>					
<b>Galvanised Steel - 2.0mm</b>					
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.