

# Technical data sheet

## Wall and support bracket MWAG 12

Art.-Nr. 6424624



Light-duty wall and support bracket with edged design for screwless mesh cable tray fastening.



<b>St</b>	Steel
<b>FS</b>	Strip galvanised

Additional product text, instruction	Including truss-head bolt M10 x 25 for fastening to U supports.
Product text, scope of delivery	Including truss-head bolt M10 x 25 for fastening to U supports.

### Master data

Item no.	6424624
Type	MWAG 12 41 FS
Description 1	Wall and support bracket
Description 2	for mesh cable tray
Dimension	B410mm
Material	Steel
Material symbol	St
Surface	Strip galvanised
Surface to DIN	DIN EN 10346
Surface symbol	FS
Smallest sales unit	1,00 Piece
Weight	68,00 kg/100 pc.

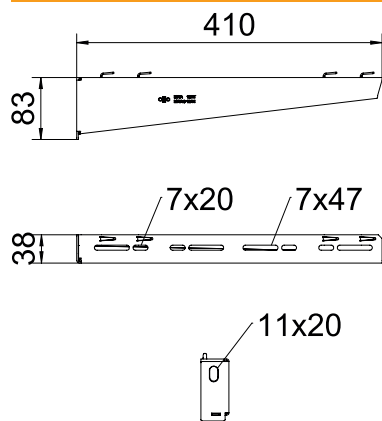
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### Technical data



Width	410,00 mm
Side height	83,00 mm
Dimension A	38,00 mm
Dimension B	410,00 mm
Dimension H	83,00 mm
Hole diameter	11,00 mm
Dimension value	410 x 83
Version	Wall and support brackets
Version	Wall and support bracket
F in kN	1,20 kN
for width	400,00 mm
Suitable for maintaining electrical function	<input type="checkbox"/>
Rustproof steel, pickled	<input type="checkbox"/>
Angle range	90,00 - 90,00 °

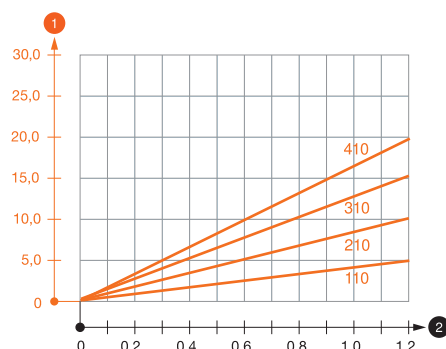
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### Load charts



Load values heading\_Characteristic anchor values  
Load values heading\_Bracket\_Support  
Heading, load table  
Footnote, load table

Characteristic anchor load values for wall and support bracket MWAG 12

Load values for MWAG 12 on suspended support

Wall bracket load

Max. total load  $F$  = cable weight + cable tray + bracket. The load capacity values increase considerably when used in uncracked concrete. The values given are based on concrete of strength class C20/25. Observe the installation conditions of the DIBt approval (anchors).

Load diagram, bracket type MWAG 12

1 Bending of the bracket tip at permitted bracket load

2 Permitted bracket load in kN without man load

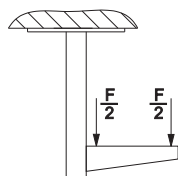
— Load curve with bracket lengths in mm

### Characteristic anchor load values for wall and support bracket MWAG 12

Wall fastening		Max. load $F$ [kN]			
		Bracket width [mm]			
Anchor type		110	210	310	410
BZ-U 8-10-21/75		1,20	0,95	0,70	0,65
BZ-U 10-10-30/90		1,20	1,20	1,20	1,20

Max. total load  $F$  = cable weight + cable tray + bracket. The load capacity values increase considerably when used in uncracked concrete. The values given are based on concrete of strength class C20/25. Observe the installation conditions of the DIBt approval (anchors).

### Load values for MWAG 12 on suspended support



### Load values for MWAG 12 on suspended support

### Characteristic anchor load values for wall and support bracket MWAG 12

T1	Wall fastening				
T2		Max. load $F$ [kN]			
T3		Bracket width [mm]			
T4	Anchor type	110	210	310	410
	BZ-U 8-10-21/75	1,2	0,95	0,7	0,65
	BZ-U 10-10-30/90	1,2	1,2	1,2	1,2