

Technical data sheet

Wall and support bracket AW 15

Item no. 6421288



Light-duty wall and support bracket with welded head plate.



St	Steel
G	Electrogalvanised

Additional product text, instruction	When mounting the bracket on U supports up to a width of 400 mm, a truss-head bolt or a hexagonal bolt is used, depending on the profile, to fasten the support bracket. For bracket widths of 500 mm or more, the bracket is fastened through both struts of the U support using hexagonal bolts. Appropriate spacers are to be used, depending on the profile.
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Master data

Item no.	6421288
Type	AW 15 41 G
Description 1	Wall and support bracket
Description 2	with welded head plate
Dimension	B410mm
Material	Steel
Material symbol	St
Surface	Electrogalvanised
Surface to DIN	DIN EN 12329
Surface symbol	G
Smallest sales unit (VG)	1,00 Piece
Weight	51,00 kg/100 pc.

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	Width	410,00 mm
	Side height	70,00 mm
	Dimension A	40,00 mm
	Dimension B	410,00 mm
	Dimension H	70,00 mm
	Dimension L	410,00 mm
	Hole diameter	11,00 mm
	Dimension value	410 x 70
	Version	Wall and support brackets
	Version	Wall and support bracket
	F in kN	1,50 kN
	Suitable for maintaining electrical function	☐
	Rustproof steel, pickled	☐
	Angle range	90,00 - 90,00 °

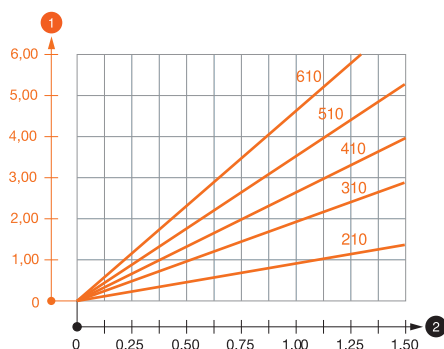
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Load charts



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 AW 15

Load values for AW 15 on suspended support

Single-sided bracket load

Max. total load F = cable weight + cable tray + bracket. The load capacity values increase considerably when used in uncracked concrete. Observe the load capacity of the brackets (diagram) and the installation conditions of the DIBt approval (anchors).

Load diagram, bracket, type AW 15

1 Bending of the bracket tip at permitted bracket load

2 Permitted bracket load in kN without man load

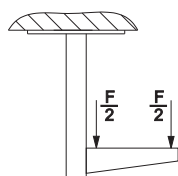
— Load curve with bracket lengths in mm

Characteristic anchor load values for wall and support bracket AW 15

Wall fastening									
		Max. load F [kN]							
		Bracket width [mm]							
	Anchor type	110	160	210	310	410	510	560	610
	BZ-U 8-10-21/75	1,50	0,90	1,30	0,65	0,55	2,40	0,45	0,45
	BZ-U 10-10-30/90	1,50	1,50	1,40	1,50	0,95	0,85	1,30	1,30

Max. total load F = cable weight + cable tray + bracket. The load capacity values increase considerably when used in uncracked concrete. Observe the load capacity of the brackets (diagram) and the installation conditions of the DIBt approval (anchors).

Load values for AW 15 on suspended support



Load values for AW 15 on suspended support

Characteristic anchor load values for wall and support bracket AW 15

T1	Wall fastening								
T2		Max. load F [kN]							
T3		Bracket width [mm]							
T4	Anchor type	110	160	210	310	410	510	560	610
	BZ-U 8-10-21/75	1,5	0,9	1,3	0,65	0,55	2,4	0,45	0,45
	BZ-U 10-10-30/90	1,5	1,5	1,4	1,5	0,95	0,85	1,3	1,3