

# Technical data sheet

## Wall and support bracket AWG 15

Item no. 6420614



Light-duty wall and support bracket with welded head plate for screwless mesh cable tray fastening.



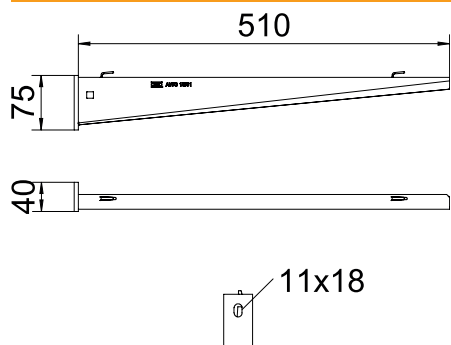
St	Steel
FT	Hot-dip galvanised

Additional product text, instruction: Fastening of the bracket to the U support of width 400 mm or greater using a hexagonal bolt through both sides of the support. Please insert suitable spacers.

### Master data

Item no.	6420614
Type	AW G 15 51 FT
Description 1	Wall and support bracket
Description 2	for mesh cable tray
Dimension	B510mm
Material	Steel
Material symbol	St
Surface	Hot-dip galvanised
Surface to DIN	DIN EN ISO 1461
Surface symbol	FT
Smallest sales unit (VG)	1,00 Piece
Weight	69,00 kg/100 pc.

### Technical data



Width	510,00 mm
Side height	75,00 mm
Dimension A	40,00 mm
Dimension B	510,00 mm
Dimension H	75,00 mm
Dimension L	510,00 mm
Hole diameter	11,00 mm
Dimension value	510 x 75
Version	Wall and support brackets
Version	Wall and support bracket
F in kN for width	1,50 kN
Suitable for maintaining electrical function	<input type="checkbox"/>
Rustproof steel, pickled	<input type="checkbox"/>
Angle range	90,00 - 90,00 °

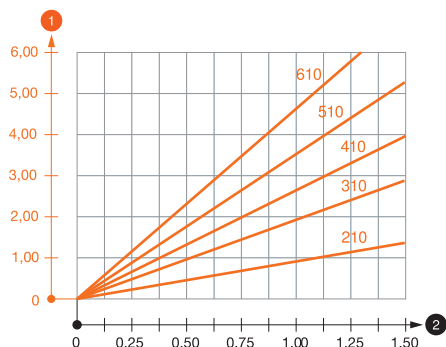
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### Load charts



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 AW G 15

Load values for AWG 15 on 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 AW G 15

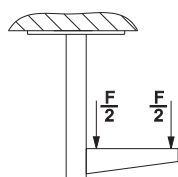
- 1 Bending of the bracket tip at permitted bracket load
- 2 Permitted bracket load in kN without man load
- Load curve with bracket lengths in mm

### Characteristic anchor load values for wall and support bracket AW G 15

Bracket load		Max. total load $F$ in kN							
	Anchor	Bracket length in mm							
	Permitted	100	150	200	300	400	500	600	
	F kN	2,4	0,73	0,65	0,61	0,49	0,44	0,41	0,38
	4,3	1,31	1,16	1,08	0,88	0,78	0,73	0,66	

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### Load values for AWG 15 on support



### Load values for AWG 15 on support

### Characteristic anchor load values for wall and support bracket AW G 15

T1	Bracket load								
T2	Anchor	Max. total load $F$ in kN							
T3	Permitted	Bracket length in mm							
T4	F kN	100	150	200	300	400	500	600	
	2,4	0,73	0,65	0,61	0,49	0,44	0,41	0,38	
	4,3	1,31	1,16	1,08	0,88	0,78	0,73	0,66	