

# Technical data sheet

## TPSAG TP support/wall and support bracket

Item no. 6366015



TP bracket with clamping lugs for screwless mesh cable tray fastening.

If the bracket is fastened directly to the wall or the profiles are screwed together, then, for reasons of stability, always use the spacer, type DS 4.



**St** Steel

**FS** Strip galvanised

Product text, scope of delivery | Mesh cable trays with a 50 x 100 mm grid width, e.g. type GRL, GR and GRM, can be fastened to the TP bracket without screws.

### Master data

Item no.	6366015
Type	TPSAG 145 FS
Description 1	TP wall and support bracket
Description 2	for mesh cable tray
Dimension	B145mm
Material	Steel
Material symbol	St
Surface	Strip galvanised
Surface to DIN	DIN EN 10346
Surface symbol	FS
Smallest sales unit (VG)	1 Piece
Weight	33,00 kg/100 pc.

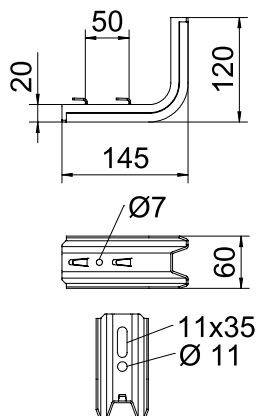
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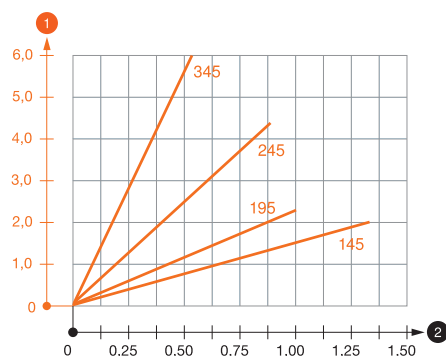


### Technical data



Length	145,00 mm
Width	145,00 mm
Side height	55,00 mm
Dimension B	145,00 mm
Dimension L	50,00 mm
Dimension value	20 x 60 x 2
Version	S profile
F in kN	1,50 kN
for width	100,00 - 100,00 mm
Suitable for maintaining electrical function	<input type="checkbox"/>
Rustproof steel, pickled	<input type="checkbox"/>

### Load charts



### Load diagram, bracket TPSAG

- 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 TP bracket

Wall fastening				
	Max. load [kN]			
	Bracket width [mm]			
	Anchor type	145	195	245
BZ-U 8-30-41/95	1,00	1,30	0,70	2,40
BZ-U 10-30-50/110	1,50	1,00	0,90	0,55

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).

### Characteristic anchor load values for TP bracket

T1	Wall fastening				
T2		Max. load [kN]			
T3		Bracket width [mm]			
T4	Anchor type	145	195	245	345
	BZ-U 8-30-41/95	1	1,3	0,7	2,4
	BZ-U 10-30-50/110	1,5	1	0,9	0,55