Technical data sheet

TP wall and ceiling bracket FS

Item number: 6363829



TP wall and ceiling bracket for universal use.
Important! If the wall and ceiling bracket is fastened directly to the wall or ceiling, then, for reasons of stability, always use the spacer, type DS 4.

Max. side height of the cable support system 60 mm.

St	Steel
FS	Strip galvanised

Master data

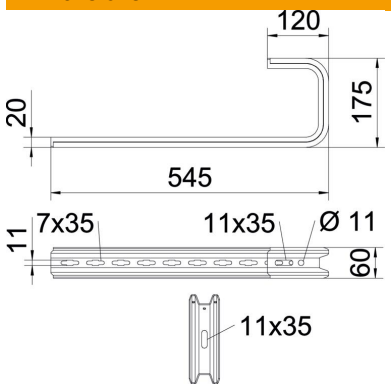
Item number	6363829
Type	TPD 545 FS
Description 1	Wall and ceiling bracket
Description 2	TP profile
Manufacturer	OBO
Dimension	B545mm
Colour	zinc
Material	Steel
Surface	Strip galvanised
Surface standard	DIN EN 10346
Smallest sales unit	1
Unit of quantity	Piece
Weight	107 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	2,5097 kg CO2e / 1 Piece

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Dimensions

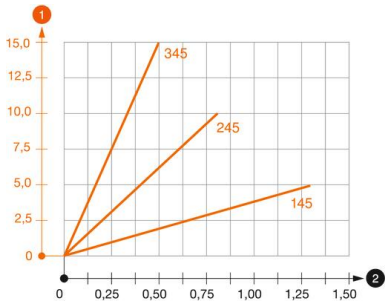


Length	545 mm
Width	545 mm
Height	60 mm
Dimension B	545 mm
Dimension H	175 mm

Technical data

Version for	Suspension bracket (C clamp)
F in kN ceiling	0.25 kN
F in kN wall	0.35 kN
Maintain electrical functions	no
for width max.	500 mm
for width min.	500
Suitable for mesh cable tray	yes
Suitable for cable ladder	yes
Suitable for cable tray	yes
Suitable for tray/ladder width	500 mm
ROHS-conformant	yes
Adjustable	no

Loads



Load diagram, ceiling bracket TPD

1. Bending of the bracket tip at permitted bracket load
2. Permitted bracket load in kN without man load

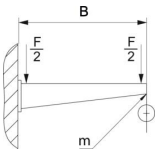
—— Load curve with bracket lengths in mm

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Characteristic anchor load values for TPD wall and ceiling bracket



Wall fastening					
	Max. load [kN]				
	Bracket length [mm]				
Anchor type	145	245	345	445	545
BZ3 8x95/0-40	0.56	0.53	0.50	0.47	0.44
BZ3 10x90/0-30	1.03	0.96	0.68	0.54	

Max. total load F = cable weight + cable tray + ceiling bracket. The load capacity values increase considerably when used in uncracked concrete. The values given are based on concrete of strength class C20/25.