Technical data sheet US 5 support A2

Item number: 6341390





Suspended support (U profile) with welded head plate. For fastening to horizontal concrete ceilings and steel girders. For bracket widths of 400 mm or more, or if the bracket is mounted at the end of a suspended support, we recommend the use of the spacer, type DSK 45.

CEUSS

A2

Stainless steel

2B

Bright, treated

Master data

Item number 6341390 Type US 5 K 100 A2 Description 1 Support Description 2 with welded head plate Manufacturer OBO Dimension 50x50x1000 Material Stainless steel Surface Bright, treated Surface standard Smallest sales unit 1		
Description 1 Support Description 2 with welded head plate Manufacturer OBO Dimension 50x50x1000 Material Stainless steel Surface Bright, treated Surface standard	Item number	6341390
Description 2 with welded head plate Manufacturer OBO Dimension 50x50x1000 Material Stainless steel Surface Bright, treated Surface standard	Туре	US 5 K 100 A2
Manufacturer OBO Dimension 50x50x1000 Material Stainless steel Surface Bright, treated Surface standard	Description 1	Support
Dimension 50x50x1000 Material Stainless steel Surface Bright, treated Surface standard	Description 2	with welded head plate
Material Stainless steel Surface Bright, treated Surface standard	Manufacturer	OBO
Surface Bright, treated Surface standard	Dimension	50x50x1000
Surface standard	Material	Stainless steel
	Surface	Bright, treated
Smallest sales unit 1	Surface standard	
	Smallest sales unit	1
Unit of quantity Piece	Unit of quantity	Piece
Weight 300 kg	Weight	300 kg
Weight unit kg/100 pc.	Weight unit	kg/100 pc.

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Dimensions 100 50 11 0 0 0 11 0 0 0 150 150

Length	1,000 mm
Width	50 mm
Height	50 mm

Technical data

25

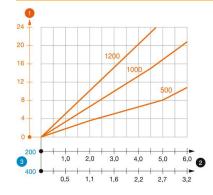
Version for	U profile
Bracket length 200	5.75 kN
Bracket length 400	3.1 kN
Bracket length 600	2.2 kN
Maintain electrical functions	no
Material thickness	2.5 mm
Maximum tensile load	10 kN

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Load diagram, U support, type US 5 K VA

Bending of the end of the suspended support at permitted bracket load

Permitted bracket load in kN without man load

Bracket length in mm

Load curves with support lengths in mm

Characteristic anchor load values for US 5 K support

anchor load values for 05 5 K support						
Single-sided load						
	Max. load [kN]					
	Bracket width [mm]					
Anchor type	110%	210	310	410		
BZ3 10x90/0-30	4.31	3.18	2.51	2.06		
BZ3 12x110/0-35	5.82	4.29	3.39	2.77		
	Single-sided load Anchor type BZ3 10x90/0-30 BZ3 12x110/0-35	Max. load [kN] Bracket width [mm] Anchor type 110% BZ3 10x90/0-30 4.31	Max. load [kN] Bracket width [mm] Anchor type 110% 210 BZ3 10x90/0-30 4.31 3.18	Single-sided load Max. load [kN] Bracket width [mm] Anchor type		

Max. total load F = cable weight + cable tray + bracket + suspended support. The tabular values for double-sided loads take the available axis spacing ai = 10 cm into account. The stated values are based on uncracked concrete of compressive strength C20/25. Please comply with the installation conditions of ETA(anchors).