

Technical data sheet

IS 8 support

Item no. 6361188



I support with welded head plate. For fastening to horizontal concrete ceilings and steel girders.



St	Steel
FT	Hot-dip galvanised

Additional product text, instruction
Single and double-sided brackets of type AS 15, AS 30 and AS 55 can be fastened to the IS 8 K suspended support. The height of the brackets is infinitely adjustable.

Master data

Item no.	6361188
Type	IS 8 K 90 FT
Description 1	Support
Description 2	with welded head plate
Dimension	80x42x900
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	611,90 kg/100 pc.

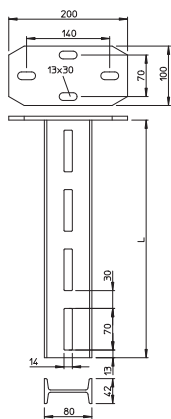
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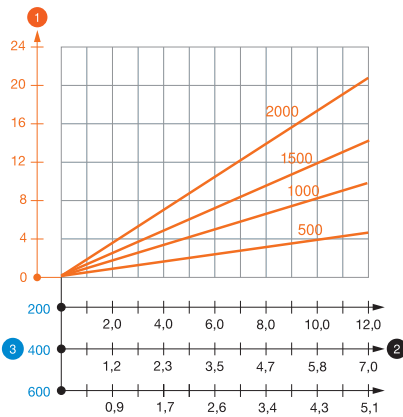


Technical data



Length	900,00 mm
Width	80,00 mm
Height	42,00 mm
Dimension	80 x 42 mm
Version	I profile
Bracket length 200	9,60 kN
Bracket length 400	7,00 kN
Bracket length 600	5,00 kN
EPD article	<input checked="" type="checkbox"/>
Suitable for maintaining electrical function	<input type="checkbox"/>
Hole width	14,00 mm
Rustproof steel, pickled	<input type="checkbox"/>
Slot width	70,00 mm
Strain relief (dependent on the thickness of the ceiling profile)	12,00 kN

Load charts



Load values heading_Characteristic anchor values
Footnote, load table

Characteristic anchor load values for IS 8 K suspended support

Max. total load $F = \text{cable weight} + \text{cable tray} + \text{bracket} + \text{suspended support}$. The tabular values for double-sided loads take the available axis spacing $a_i = 14 \text{ cm}$ into account. The load capacity values increase considerably when used in uncracked concrete. The specified values are based on concrete of resistance class C20/25. Comply with the installation conditions of the DIBt approval (anchors).

Heading, load table

Single-sided bracket load

Load diagram, I support, type IS 8 K

- 1 Bending of the end of the suspended support at permitted bracket load
- 2 Permitted bracket load in kN without man load
- 3 Bracket length in mm
- Load curves with support lengths in mm

Characteristic anchor load values for IS 8 K suspended support

Single-sided load

	Max. load F [kN]					
	Bracket width [mm]					
Anchor type	110	210	310	410	510	610
BZ-U 10-10-30/90	4,00	3,25	2,70	3,00	1,75	1,75
BZ 12-15-35/110	7,25	5,75	4,75	4,00	3,25	3,00

Double-sided load

	Max. load F [kN]					
	Bracket width [mm]					
Anchor type	110	210	310	410	510	610
BZ-U 10-10-30/90	7,00	6,25	5,70	5,25	4,75	4,50
BZ 12-15-35/110	12,00	11,30	9,75	9,00	8,50	8,00

Max. total load $F = \text{cable weight} + \text{cable tray} + \text{bracket} + \text{suspended support}$. The tabular values for double-sided loads take the available axis spacing $a_i = 14 \text{ cm}$ into account. The load capacity values increase considerably when used in uncracked concrete. The specified values are based on concrete of resistance class C20/25. Comply with the installation conditions of the DIBt approval (anchors).

Characteristic anchor load values for IS 8 K suspended support

T1	Single-sided load						
T2		Max. load F [kN]					
T3		Bracket width [mm]					
T4	Anchor type	110	210	310	410	510	610
	BZ-U 10-10-30/90	4	3,25	2,7	3	1,75	1,75
	BZ 12-15-35/110	7,25	5,75	4,75	4	3,25	3