

# Technical data sheet

## IS 8 support

Item number: 6361331



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



**St** Steel

**FT** Hot-dip galvanised

### Master data

Item number	6361331
Type	IS 8 K 160 FT
Description 1	Support
Description 2	with welded head plate
Manufacturer	OBO
Dimension	80x42x1600
Material	Steel
Surface	Hot-dip galvanised
Surface standard	DIN EN ISO 1461
Smallest sales unit	1
Unit of quantity	Piece
Weight	1017.8 kg
Weight unit	kg/100 pc.

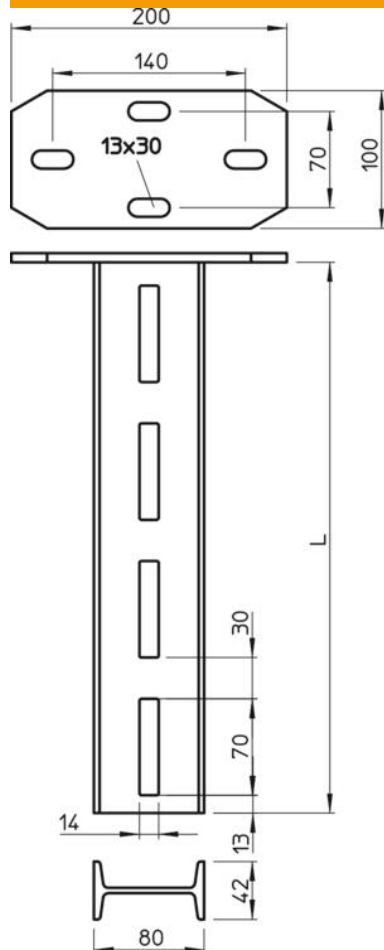
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### Dimensions



Length	1,600 mm
Width	80 mm
Height	42 mm

### Technical data

Version for	I profile
Bracket length 200	9.6 kN
Bracket length 400	7 kN
Bracket length 600	5 kN
Maintain electrical functions	no
Hole width	14 mm
Material thickness	4 mm
Maximum tensile load	12 kN
With tothing	no
Slot width	70 mm

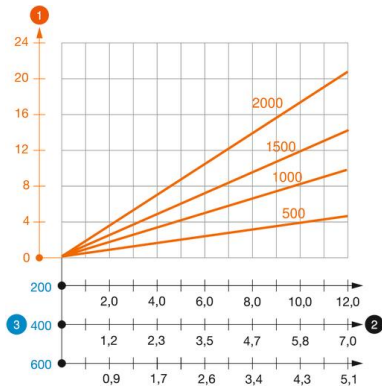
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### Loads



#### 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 [kN]					
	Bracket width [mm]					
Anchor type	110	210	310	410	510	610
BZ3 10x90/0-30	4.84	3.64	2.92	2.44	2.10	1.83
BZ3 12x110/0-35	6.60	5.02	4.04	3.37	2.89	2.53

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  $a_i = 10 \text{ cm}$  into account. The stated values are based on uncracked concrete of compressive strength C20/25. Please comply with the installation conditions of ETA(anchors).