

# 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
Colour	zinc
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.
CO2 Footprint (GWP) Cradle-to-Gate	25,8925 kg CO2e / 1 Piece

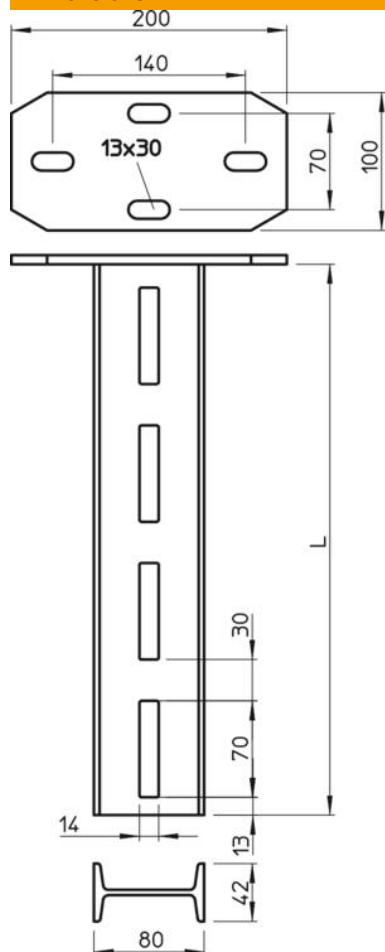
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### Dimensions

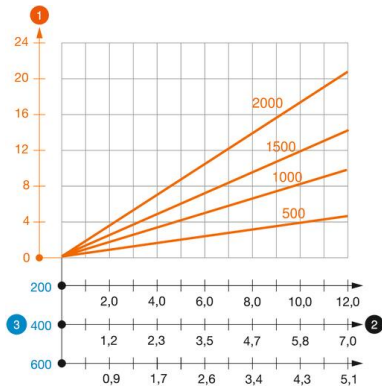


Length	1,600 mm
Width	80 mm
Height	42 mm

### 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	50 kN
With tothing	no
Slot width	70 mm

### 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	<P>110</P>, <P>210</P>, <P>310</P>, <P>410</P>, <P>510</P>, <P>610</P>
BZ3 10x90/0-30	<P>4.84</P>, <P>3.64</P>, <P>2.92</P>, <P>2.44</P>, <P>2.10</P>, <P>1.83</P>
BZ3 12x110/0-35	<P>6.60</P>, <P>5.02</P>, <P>4.04</P>, <P>3.37</P>, <P>2.89</P>, <P>2.53</P>

Max. total load  $F$  = cable weight + cable tray + bracket + suspended support. The tabular values for double-sided loads take the available axis spacing  $a_i = 10$  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).