

# Technical data sheet

## IS 8 support

Item number: 6337171



I support in fixed lengths. Dimensions 80 x 42 mm.  
Single and double-sided brackets of type AS 15, AS 30 and AS 55 can be fastened to the IS 8 I support. The height of the brackets is infinitely adjustable.



**St** Steel

**FT** Hot-dip galvanised

### Master data

Item number	6337171
Type	IS 8 160 FT
Description 1	I support
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	921 kg
Weight unit	kg/100 pc.

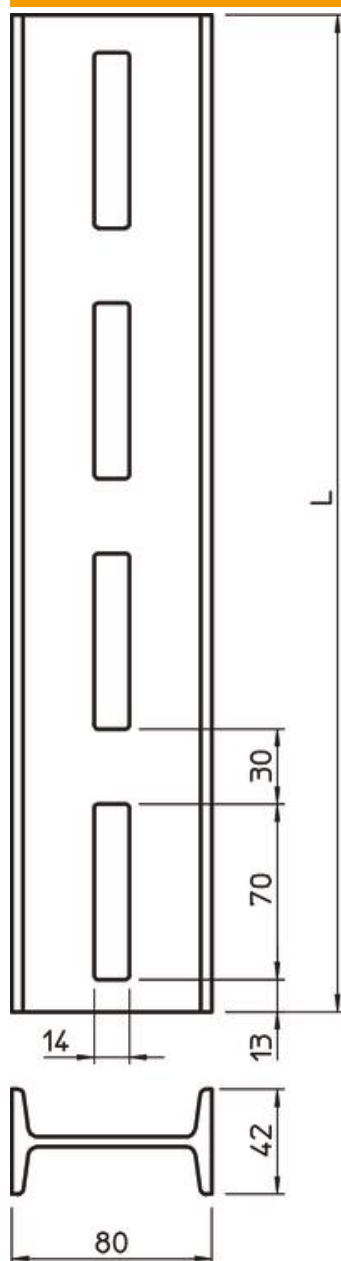
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### Dimensions



Dimension	80 x 42
Length	1,600 mm
Width	80 mm
Height	42 mm

### Technical data

Breakable	no
Type of perforation	Perforated bar

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### Technical data

Version for	Single profile
EPD article	yes
Maintain electrical functions	no
Hole width	14 mm
Material thickness	4 mm
With tothing	no
Profile shape	I profile
Slot width	70 mm
Static value A	7.02 cm <sup>2</sup>
Static value Iy	6.26 cm
Static value Iz	77.53 cm
Static value Wy	2.98 cm <sup>2</sup>
Static value Wz	19.38 cm <sup>2</sup>

### Characteristic anchor load values for IS 8 support

Fastening on the wall / entire length	Max. total load F in kN					
	Bracket length in mm					
Anchor type	100	200	300	400	500	600
BZ-U 10-10/90	7.80	6.78	5.95	5.17	4.64	4.14
BZ 70 M12-15/110	11.35	8.25	7.63	7.11	6.47	5.38

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).