Technical data sheet

IS 8 support

Item number: 6337201

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	6337201
Type	IS 8 180 FT
Description 1	I support
Manufacturer	OBO
Dimension	80x42x1800
Colour	zinc
Material	Steel
Surface	Hot-dip galvanised
Surface standard	DIN EN ISO 1461
Smallest sales unit	1
Unit of quantity	Piece
Weight	1036 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	23,985 kg CO2e / 1 Piece

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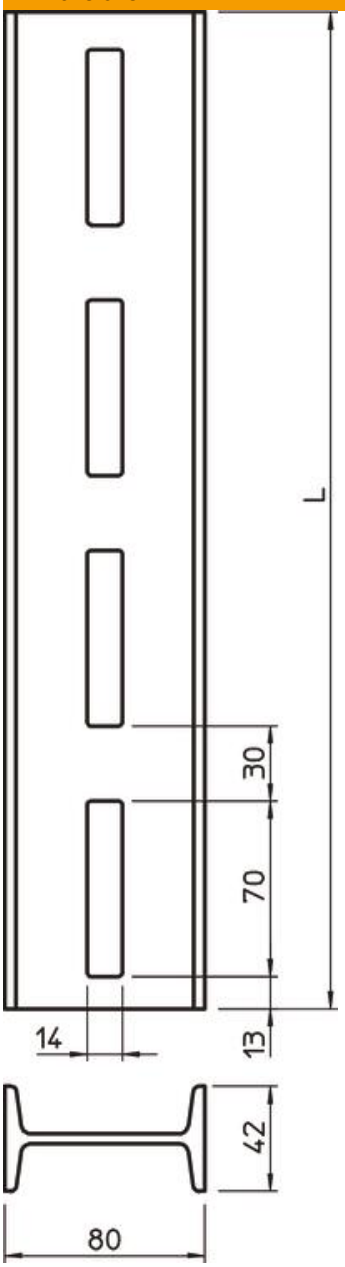
Dimensions



Dimension	80 x 42
Length	1,800 mm
Width	80 mm
Height	42 mm

Technical data sheet

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Technical data

Breakable	no
Type of perforation	Perforated bar
Version for	Single profile
EPD article	yes
Maintain electrical functions	no
Hole width	14 mm
Material thickness	4 mm
With toothing	no
Profile shape	I profile
ROHS-conformant	yes
Slot width	70 mm
Static value A	7.02 cm²
Static value Iy	6.26 cm⁴
Static value Iz	77.53 cm⁴
Static value Wy	2.98 cm³
Static value Wz	19.38 cm³

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 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).