

# Technical data sheet

## IS 8 support

Item number: 6337198



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                        | 6337198                   |
| Type                               | IS 8 170 FT               |
| Description 1                      | I support                 |
| Manufacturer                       | OBO                       |
| Dimension                          | 80x42x1700                |
| Colour                             | zinc                      |
| Material                           | Steel                     |
| Surface                            | Hot-dip galvanised        |
| Surface standard                   | DIN EN ISO 1461           |
| Smallest sales unit                | 1                         |
| Unit of quantity                   | Piece                     |
| Weight                             | 979 kg                    |
| Weight unit                        | kg/100 pc.                |
| CO2 Footprint (GWP) Cradle-to-Gate | 23,9153 kg CO2e / 1 Piece |

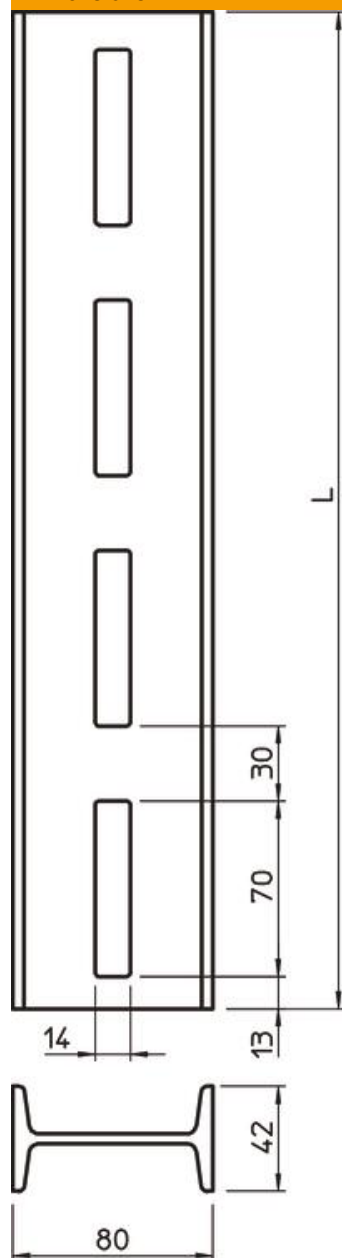
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### Dimensions



|           |          |
|-----------|----------|
| Dimension | 80 x 42  |
| Length    | 1,700 mm |
| Width     | 80 mm    |
| Height    | 42 mm    |

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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             |
| Slot width                    | 70 mm                 |
| Static value A                | 7.02 cm <sup>2</sup>  |
| Static value I <sub>y</sub>   | 6.26 cm <sup>4</sup>  |
| Static value I <sub>z</sub>   | 77.53 cm <sup>4</sup> |
| Static value W <sub>y</sub>   | 2.98 cm <sup>3</sup>  |
| Static value W <sub>z</sub>   | 19.38 cm <sup>3</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).