

# Technical data sheet

## IS 8 support

Item number: 6337090



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         | 6337090            |
| Type                | IS 8 80 FT         |
| Description 1       | I support          |
| Manufacturer        | OBO                |
| Dimension           | 80x42x800          |
| Material            | Steel              |
| Surface             | Hot-dip galvanised |
| Surface standard    | DIN EN ISO 1461    |
| Smallest sales unit | 1                  |
| Unit of quantity    | Piece              |
| Weight              | 459 kg             |
| Weight unit         | kg/100 pc.         |

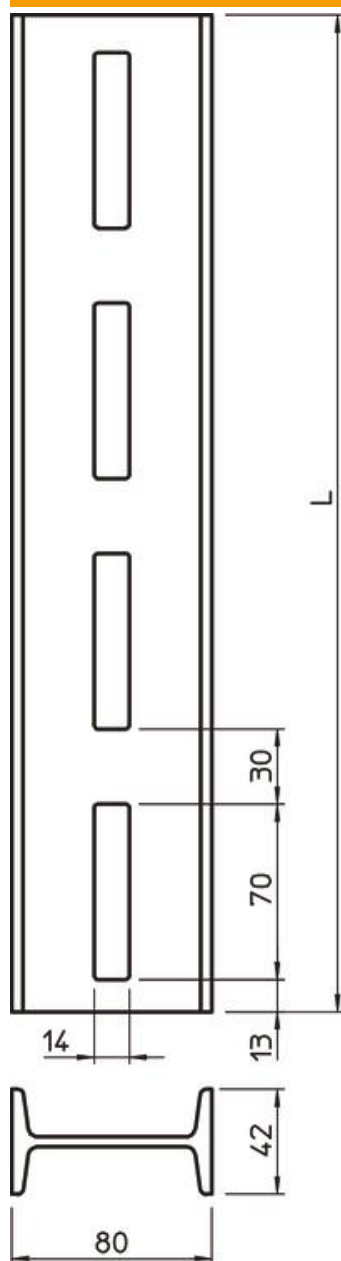
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### Dimensions



|           |         |
|-----------|---------|
| Dimension | 80 x 42 |
| Length    | 800 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).