

# Technical data sheet

## Bolt tie BZ

Item number: 3498358



Bolt tie BZ for the anchoring of medium-duty to heavy-duty loads, both in cracked and non-cracked concrete. It combines high approved loads with small edge distances and axial spacings.

European Technical Approval ETA-99/0010, including characteristic values under fire exposure to fire resistance R 120.

Proof of suitability in the case of seismic impacts, categories C1 and C2.

Shock approval by the Federal Office for Civil Protection in Bern, Switzerland.



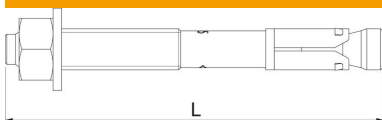
**St** Steel

**G** Electrogalvanized

### Master data

|                     |                            |
|---------------------|----------------------------|
| Item number         | 3498358                    |
| Type                | BZ 12-160/255              |
| Description 1       | Wedge anchor BZ            |
| Manufacturer        | OBO                        |
| Dimension           | M12x255mm                  |
| Material            | Steel                      |
| Surface             | Electrogalvanized          |
| Surface standard    | EN ISO 19598 / EN ISO 4042 |
| Smallest sales unit | 20                         |
| Unit of quantity    | Piece                      |
| Weight              | 22.4 kg                    |
| Weight unit         | kg/100 pc.                 |

### Dimensions



|             |        |
|-------------|--------|
| Length      | 255 mm |
| Dimension L | 255 mm |

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|                                    |                  |
|------------------------------------|------------------|
| Version for                        | For knocking in  |
| Anchor/nail/bolt version           | Spreading anchor |
| Drill hole depth                   | 90 mm            |
| Drill hole diameter, min.          | 12 mm            |
| Thread                             | M12              |
| Thread metric                      | 12               |
| Thread type                        | Metric           |
| Clamping strength                  | 160 mm           |
| Approvals available                | yes              |
| Permitted load range, tension zone | 7.6              |
| Clamping range, min.               | 160 mm           |

## Standard anchoring depth

|    | Bore hole Ø |     |     |      |
|----|-------------|-----|-----|------|
|    | mm          |     |     |      |
| 46 | 8           | 60  | 100 | 2,4  |
| 60 | 10          | 75  | 75  | 4,3  |
| 60 | 10          | 75  | 100 | 4,3  |
| 70 | 12          | 90  | 15  | 7,6  |
| 70 | 12          | 90  | 85  | 7,6  |
| 70 | 12          | 90  | 105 | 7,6  |
| 70 | 12          | 90  | 160 | 7,6  |
| 85 | 16          | 110 | 15  | 11,9 |