

# Technical data sheet

## BZ3 bolt tie

Item number: 3498691



Bolt tie BZ3 for the anchoring of medium-duty to heavy-duty loads, both in cracked and non-cracked concrete. Suitable for heavy loads with small edge and axial distances. For knocking in.

European Technical Approval ETA-19/0619, including characteristic values under fire ex-

posure to fire resistance R 120.

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

Shock approval by the Federal Office for Civil Protection in Bern, Switzerland.  
\* With large washer to DIN EN ISO 7093-1 (DIN 9021)



**St** Steel

**G** Electrogalvanized

### Master data

|                     |                            |
|---------------------|----------------------------|
| Item number         | 3498691                    |
| Type                | BZ3 10x90/0-30             |
| Description 1       | Wedge anchor BZ3           |
| Description 2       | with large washer          |
| Available from      | 01.04.2023                 |
| Manufacturer        | OBO                        |
| Dimension           | M10x90                     |
| Colour              | zinc                       |
| Material            | Steel                      |
| Surface             | Electrogalvanized          |
| Surface standard    | EN ISO 19598 / EN ISO 4042 |
| Smallest sales unit | 50                         |
| Unit of quantity    | Piece                      |
| Weight              | 6.1 kg                     |
| Weight unit         | kg/100 pc.                 |

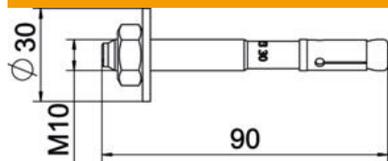
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### Dimensions



|             |       |
|-------------|-------|
| Length      | 90 mm |
| Dimension L | 90 mm |

### Technical data

|                                     |                  |
|-------------------------------------|------------------|
| Version for                         | For knocking in  |
| Anchor/nail/bolt version            | Spreading anchor |
| Drill hole diameter, min.           | 10 mm            |
| Thread                              | M10              |
| Thread metric                       | 10               |
| Thread type                         | Metric           |
| Thread length                       | 45 mm            |
| WAF                                 | 17               |
| Approvals available                 | yes              |
| Mounting type, anchor, tie          | Pre-mounting     |
| Tie screw system                    | Hexagon head     |
| Clamping range, max.                | 30 mm            |
| Clamping range, min.                | 0 mm             |
| Thread, imperial                    | 3/8"             |
| Fire protection class to EN 13501-2 | Other            |
| ETA earthquake rating               | C1 and C2        |