

# Technical data sheet

## BZ3 bolt tie

Item number: 3498703



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)



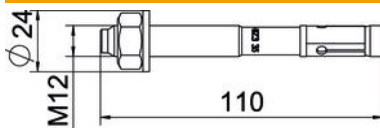
**St** Steel

**G** Electrogalvanized

### Master data

Item number	3498703
Type	BZ3 12x110/0-35
Description 1	Wedge anchor BZ3
Available from	01.04.2023
Manufacturer	OBO
Dimension	M12x110
Material	Steel
Surface	Electrogalvanized
Surface standard	EN ISO 19598 / EN ISO 4042
Smallest sales unit	25
Unit of quantity	Piece
Weight	5.22 kg
Weight unit	kg/100 pc.

### Dimensions



Length	110 mm
Dimension L	110 mm

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Version for	For knocking in
Anchor/nail/bolt version	Spreading anchor
Drill hole depth	83 mm
Drill hole diameter, min.	12 mm
Thread	M12
Thread metric	12
Thread type	Metric
Thread length	54 mm
WAF	19
Approvals available	yes
Mounting type, anchor, tie	Pre-mounting
Tie screw system	Hexagon head
Clamping range, max.	35 mm
Clamping range, min.	0 mm
Thread, imperial	7/16"
Fire protection class to EN 13501-2	Other
ETA earthquake rating	C1 and C2