

# BSZ-M Concrete Screw



## CERTIFICATIONS



## FEATURES

Fire resistance class R30-R120 for design of anchorages under exposure to fire

ETA assessed for anchoring in cracked and non-cracked concrete

Use in concrete with threaded rod

Removable anchor is ideal for temporary fixings

Approved for use in seismic design category C1

## SPECIFICATIONS

**Finish:** Electrogalvanized

**Material:** Steel

Table 1/2

| Catalog Number | Article Number | Screw Length (L) | Rod Size (RS) | Hex Dimension | Drill Bit Diameter |
|----------------|----------------|------------------|---------------|---------------|--------------------|
| BSZM6X55EG     | 402695         | 55mm             | 8, 10         | 13mm          | 6mm                |
| BSZM6X35EG     | 402690         | 35mm             | 8, 10         | 13mm          | 6mm                |

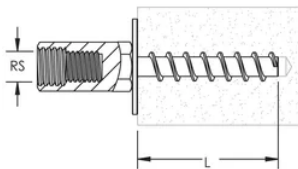
Table 2/2

| Catalog Number | Article Number | Embedment Depth | Torque (TQ) |
|----------------|----------------|-----------------|-------------|
| BSZM6X55EG     | 402695         | 55 mm           | 10 N·m      |
| BSZM6X35EG     | 402690         | 35 mm           | 10 N·m      |

Characteristic Axial Loads from ETA-20/0046

| Part Number | Cracked Concrete C20/25 | Non-Cracked Concrete C20/25 | Standard Embedment Depth |
|-------------|-------------------------|-----------------------------|--------------------------|
| BSZM6X35EG  | 1.81 kN                 | 1.98 kN                     | 35 mm                    |
| BSZM6X55EG  | 4.62 kN                 | 6.61 kN                     | 55 mm                    |

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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