EVXMSZ17M

# PRODUCT DATA

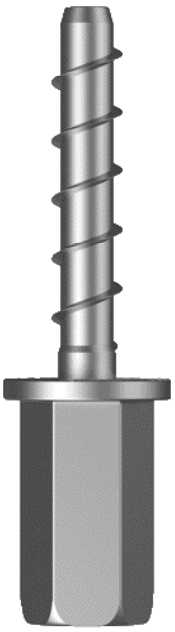
## XBolt® PRO Vertical Hanger

The **XBolt® PRO** is a single unit screw type anchor that is used in solid concrete applications. Fixing is achieved by screwing the anchor into the hole. As it is screwed in, it creates its own undercut by tapping the concrete hole. XBolt® PRO Vertical Hanger includes ETA approvals for cracked and non-cracked concrete, fire resistance and seismic applications C1.

XBolt® PRO

### Vertical Hanger

| Applications | Trades |
|---|---|
| • Mechanical, electrical and pipe hanger applications<br>• Ceiling hanger applications<br>• HVAC<br>• Fire sprinklers<br>• Cable tray<br>• Suspension of mechanical services | • Building<br>• Plumbing<br>• Electrical<br>• Air conditioning trades<br>• HVAC Installers |

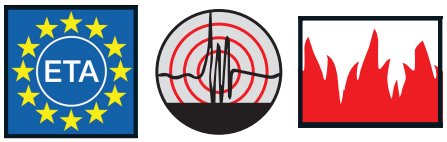


### Features

- Suitable for light to medium duty loads
- Suitable for small anchor spacing and edge distance applications
- Quick and easy to install
- Fully removable
- Dual thread nut M8 & M10

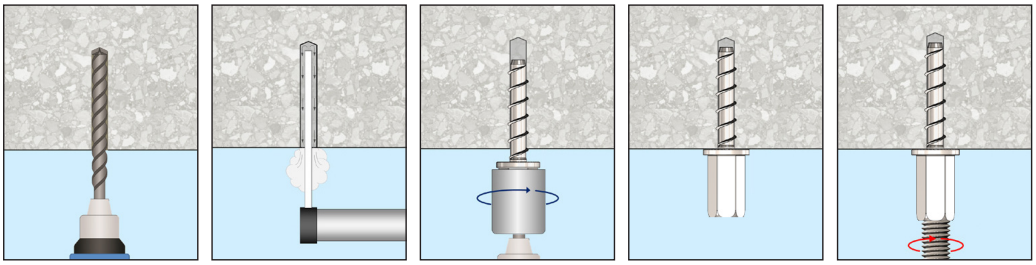
| | |
|---|---|
| **Material** | CS — Carbon Steel |
| **Finish** | Z/P — Zinc Plate (RoHS Compliant) |

| Part | QFind | Thread Size | Embedment Length |
|---|---|---|---|
| | | D (mm) | L (mm) |
| EVXMSZ17M100040 | **EVX103** | M08/M10 | 40 |
| EVXMSZ17M100055 | **EVX100** | M08/M10 | 55 |




Opt 1 | C1 | Fire-rated

### Installation



Cracked Concrete

Non-Cracked Concrete

**Recommended**

**Pre-drilling Diameter - 6mm ø**

Best installed with cordless Impact drivers

**Socket to suit: MXSVSM10**

AF= 13mm, 1/4" drive.

CONXTRUCT PRO

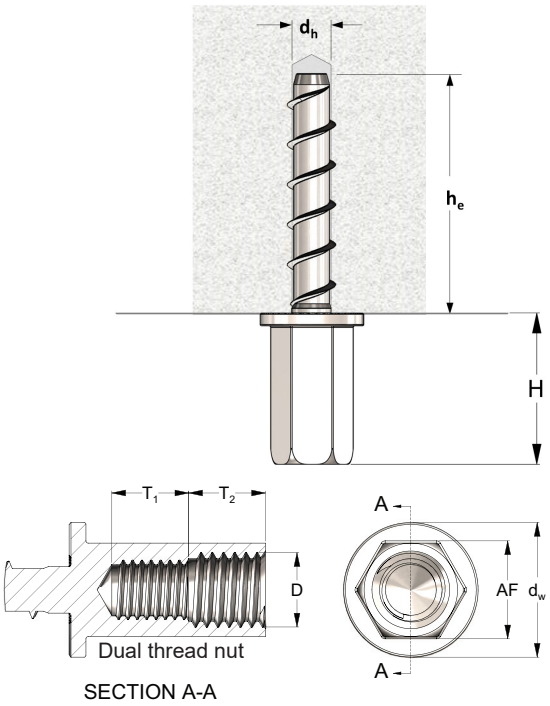
EVXMSZ17M

# PRODUCT DATA

## XBolt® PRO Vertical Hanger

### Installation Parameters

| Installation Parameters | | M08 & M10 | |
|---|---|---|---|
| | | 7.5 | |
| Drill Hole Ø | $d_h$(mm) | 6 | 6 |
| Overall Anchor Embedment | $h_{nom}$(mm) | 40 | 55 |
| Fixture Hole Ø | $d_f$(mm) | 9 | 9 |
| Min Concrete Thickness | $h_{min}$(mm) | 100 | 100 |
| Min Edge Distance | $c_{min}$(mm) | 35 | 45 |
| Min Spacing | $S_{min}$(mm) | 35 | 45 |
| Max Install Torque | $T_{ins}$(Nm) | 15 | 15 |
| Hex Head Height | H(mm) | 26 | 26 |
| Wrench Size | AF(mm) | 13 | 13 |
| Flange Head Diameter | $d_w$(mm) | 18 | 18 |
| Thread Length | $T_1/T_2$(mm) | 10 | 10 |
| Thread Size & Pitch | D | M8 x 1.25 & M10 x 1.5 | |



SECTION A-A

### Basic Load Performance in 32MPa non-cracked concrete

| Tensile Loads (kN) | | | |
|---|---|---|---|
| Size | | M08/M10 | |
| Embedment (mm) | | 40 | 55 |
| Edge Distance (mm) | 35 | 3.8 | - |
| | 50 | 3.8 | 5.8 |
| | 75 | 3.8 | 5.8 |
| | 100 | 3.8 | 5.8 |

Pullout Failure

### Basic Load Performance in 32MPa cracked concrete

| Tensile Loads (kN) | | | |
|---|---|---|---|
| Size | | M08/M10 | |
| Embedment (mm) | | 40 | 55 |
| Edge Distance (mm) | 35 | 1.5 | - |
| | 50 | 1.5 | 3.1 |
| | 75 | 1.5 | 3.1 |
| | 100 | 1.5 | 3.1 |

Pullout Failure

[1] *Design loads have been calculated in accordance with AS 5216:2021. Loads are for individual anchors without consideration of anchor spacing*