

## FXM FIXING



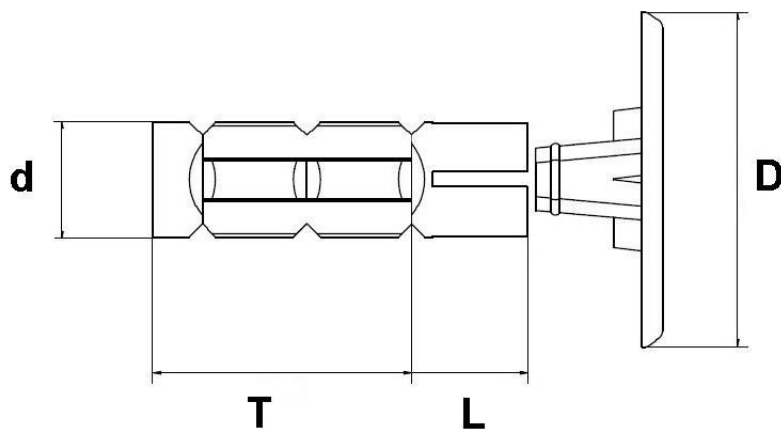
### Overview

The special plug FXM is studied and projected to suite on fibre cement panels, plasterboard and hollow walls, since it is able to make anchorages on both the external and internal surface of the wall or panel and even on the hole surface. This is possible because the washer/flange pushes through the main body, ensuring excellent fastening without damaging the support. It is supplied in a kit complete with metal accessories, assembled or not.

### Material

PA6 - Polyamide PA6.

### Fixing Dimensions



| Code           | d  | T  | L  | D  | Screw |
|----------------|----|----|----|----|-------|
| <b>FXM6X40</b> | 12 | 27 | 12 | 35 | M6    |

Note: All dimensions are in millimeters, unless otherwise stated.

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**Benefits**

- The two wings and the retainer under his head allow optimal anti-rotation effects during the installation.
- His seal adjusts to the thickness of the wall.
- Wide range of temperatures (between -40°C and +80°C).
- The head of the plug is in contact with the support's surface, that allows to improve the sealing and resistance to rotation.

**Applications**

- Fibre cement panels.
- Plasterboard panels.
- Hollow walls.
- Chipboard panels.

Able to fix heavy loads such as: outdoor units, furniture components, external units, supports, profiles, supports for false ceilings.

**Packaging Informations**

| Code           | Pcs/Box | Box/Carton | Carton/Pallet |
|----------------|---------|------------|---------------|
| <b>FXM6X40</b> | 20      | 10         | 30            |

**Loads**

| MECHANICAL STRENGHT [kN] |                                   |                                      |                                 |                                  |                                 |
|--------------------------|-----------------------------------|--------------------------------------|---------------------------------|----------------------------------|---------------------------------|
| Code                     | Tensile strength on concrete R250 | Tensile strength on perforated brick | Tensile strength on fibrecement | Tensile strength on plasterboard | Tensile strength on solid brick |
| <b>FXM6X40</b>           | 3,50                              | 2,30                                 | 2,00                            | 0,85                             | 2,00                            |

Note: 1 kN=100 kgf

The reported values are mean values obtained from internal tests.

**WE RECOMMEND USING APPROPRIATE SAFETY COEFFICIENTS.**
**Installation**

- Drill a Ø12 hole on the support.
- Carefully clean the hole of residues and dust.
- Insert the lowered nut in the special seat obtained at the top in the opposite part of the disc/flange.
- Insert the metal washer in the special seat on the disc/flange.
- Insert the M6 screw and tighten it by hand until it engages on the nut.
- Insert the plug into the hole until the surface of the disc/flange comes into contact with the surface of the support.
- Continue tighten the screw until you feel a noticeable hardening indicating the complete expansion of the plug thus creating an impediment to extraction.

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