

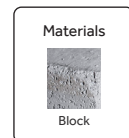
# Technical Data Sheet

Ref: TDS-02-MEP-01

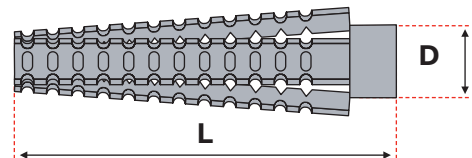
## Masonry & Cavity Fixings Metal Expansion Plug - Yellow

### Features

- An all steel fixing for light weight aggregate blocks.
- Ideal for fixing in areas such as fire escape routes where regulations restrict the use of plastic anchors and plugs.
- Perfect for installing gas pipes, water pipes and cable clips.
- External teeth expand and grip into the material, giving high load bearing strength.
- Designed specifically for use with wood and chipboard screws. Internal ribs interlock with screw's thread to provide a secure fixing.
- Increased installation safety.



### Dimensional Data



| Product Code | Diameter Ø (D) | Length (L) | Screw Ø   | Min. Drill Hole Depth |
|--------------|----------------|------------|-----------|-----------------------|
| 632MEP       | 6.0            | 32         | 4.5 - 5.0 | 37                    |
| 838MEP       | 8.0            | 38         | 5.0 - 6.0 | 44                    |
| 860MEP       | 8.0            | 60         | 5.0 - 6.0 | 66                    |
| 1060MEP      | 10.0           | 60         | 6.0 - 8.0 | 68                    |

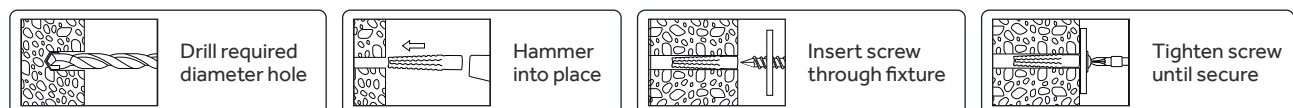
All stated figures (mm) are approx and for reference only.

### Technical Data

| Substrate                 | Concrete Block 7N/mm <sup>2</sup> |     |      |
|---------------------------|-----------------------------------|-----|------|
| Size Ø (mm)               | 6.0                               | 8.0 | 10.0 |
| Drill Hole Ø (mm)         | 6.0                               | 8.0 | 10.0 |
| Min. Embedment Depth (mm) | 32                                | 38  | 60   |
| Test Screw Size Ø (mm)    | 4.5                               | 5.0 | 6.0  |
| Rec. Tensile Load (kN)    | 0.2                               | 0.4 | 0.5  |
| Max Rec. Load (kg)        | 20                                | 40  | 50   |

Test data stated is for reference only as this may not represent the actual figures you may achieve in application.

### Installation Guide



Note: Drill hole size is relative to the compressive strength of the substrate.  
When fixing into concrete, the above drill hole sizes should be increased to prevent damage to the plug during installation.