

Insulation support DHM

OVERVIEW



Insulation support metal **DHM**, washer-ø 35 mm



Insulation retaining metal washer **DTM 80**, washer-ø 85 mm inside-ø 14 mm

Suitable for:

- Concrete
- Natural stone with dense structure
- Solid brick
- Solid sand-lime brick
- Solid block made from lightweight concrete
- Aircrete
- Vertical perforated brick
- Perforated sand-lime brick

For fixing of:

Soft and pressure-resistant insulating material, e.g.

- Glass wool
- Rock wool
- Polystyrene
- PU panels
- Foam glass
- Light building boards made of wood wool
- Coir matting
- Cork boards



DESCRIPTION

- Sendzimir galvanised or stainless steel metal insulation support
- Stable, proven edged connection between shank and plate.
- When driven in, the spring steel expands itself and grips against the hole wall over its entire shank length.
- Stainless steel version for use in damp conditions.

Advantages/benefits

- Quick and simple hammer-set installation saves work.
- No additional screws or nails.
- Also suitable for ceiling soffits.
- Fire-resistant according to DIN 4102 (class A1).
- Fire protection report for the galvanised version with anchoring depth $h_{ef} > 50$ mm.



INSTALLATION

Type of installation

- Push-through installation

Installation tips

- Can be set in aerated concrete without pre-drilling.
- Suitable for fixing in soft insulation materials in combination with Insulation plate DTM 80.



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TECHNICAL DATA



Insulation support metal **DHM**,
washer-ø 35 mm



Insulation retaining metal washer
DTM 80, washer-ø 85 mm

| Type | Art.-No. | drill-Ø | min. drill-hole depth | effect. anchorage depth | anchor length | max. usable length | Qty. per box |
|--------------|------------------|------------------------|------------------------|-------------------------|---------------|--------------------------|--------------|
| | | d ₀ [mm] | t _d [mm] | h _{ef} [mm] | l [mm] | t _{fix} [mm] | pcs. |
| DHM 30 | 1) 088801 | 8 | 60 | 50 | 90 | 0 - 40 | 250 |
| DHM 60 | 1) 088802 | 8 | 60 | 50 | 110 | 30 - 60 | 250 |
| DHM 90 | 1) 088803 | 8 | 60 | 50 | 140 | 60 - 90 | 250 |
| DHM 120 | 1) 061581 | 8 | 60 | 50 | 170 | 90 - 120 | 250 |
| DHM 135 | 503131 | 8 | 60 | 50 | 185 | 135 | 250 |
| DHM 150 | 1) 061582 | 8 | 60 | 50 | 200 | 120 - 150 | 250 |
| DHM 30 INOX | 1) 506135 | 8 | 60 | 50 | 90 | 0 - 40 | 250 |
| DHM 60 INOX | 1) 506136 | 8 | 60 | 50 | 110 | 30 - 60 | 250 |
| DHM 90 INOX | 1) 506137 | 8 | 60 | 50 | 140 | 60 - 90 | 250 |
| DHM 120 INOX | 1) 506138 | 8 | 60 | 50 | 170 | 90 - 120 | 250 |
| DHM 150 INOX | 1) 506140 | 8 | 60 | 50 | 200 | 120 - 150 | 250 |
| DTM 80 | 088806 | - | - | - | - | - | 250 |
| DTM 80 INOX | 506141 | - | - | - | - | - | 250 |

1) Fixing tapped into aerated concrete G2/G4 without pre-drilling.



Cover cap **DHM**

| Type | Art.-No. | size Ø | qty. per box |
|----------------------|---------------|------------------------|--------------|
| | | d ₀ [mm] | pcs. |
| DHM cover cap white | 013330 | 37 | 250 |
| DHM cover cap grey | 046843 | 37 | 250 |
| DHM cover cap yellow | 046844 | 37 | 250 |

LOADS

Recommended loads and mean ultimate loads in [kN].

| | N _u | N _{rec} |
|------------------------------------|----------------|------------------|
| Concrete ≥ C12/15 | 1.0 | 0.25 |
| Solid brick Mz 12 | 1.0 | 0.25 |
| Solid sand-lime brick KS 12 | 1.0 | 0.25 |
| Aircrete G2 (without pre-drilling) | 0.4 | 0.10 |