



| No. | Name | Material |
|-----|------|-----------------------------|
| 1 | Nail | Steel with alu-zinc-surface |

Building materials



Qualities



Characteristics

- One-piece fastening element / stainless A2 for refractory fixings of insulations (F120).
- Extra corrosive protection.

Applications



- ① Applications on most building materials.
- ② Application with metal disc for soft insulation pads.

Installation



| | | | | | | | | |
|---|---------------------------------------|------------------|-----|----|-----|-----|-----|-----|
| Plug size | | | 8 | | | | | |
| Recommended tension loads ¹⁾ : | | | | | | | | |
| N _{Emp} | - Concrete C20/25 - C50/60 | kN | 0.3 | | | | | |
| | - Brick | | 0.1 | | | | | |
| | - Aerated concrete | | | | | | | |
| | - Perforated brick | | | | | | | |
| h _{ef} | Effective anchorage depth | Concrete | mm | | 30 | | | |
| | | Perforated brick | mm | | 40 | | | |
| h _l | Drill hole depth | Concrete | mm | | 40 | | | |
| | | Perforated brick | mm | | 50 | | | |
| d ₀ | Drill hole-Ø in the building material | | mm | | 8 | | | |
| d _k | Plug plate-Ø | | mm | | 35 | | | |
| l | Plug length | | mm | 80 | 110 | 140 | 170 | 200 |
| d _{nom} | Plug-Ø | | mm | | 8 | | | |
| t _{fix} | Assembling length concrete | | mm | 50 | 80 | 110 | 140 | 170 |
| | Assembling length perforated brick | | mm | 40 | 70 | 100 | 130 | 160 |



Metal Insulation Nail

1) Safety factor 3

Metal Disc

| | | |
|--------------------|----|------|
| Disc hole-Ø | mm | 14.5 |
| Disc-Ø | mm | 80 |
| Material thickness | mm | 0.5 |



Metal Disc