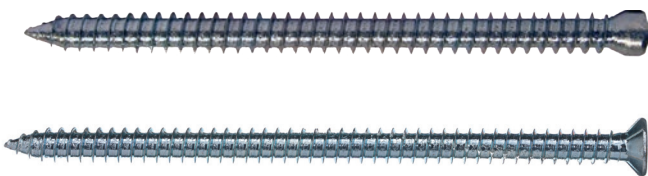


Expandet Concrete Screw

Expandet Concrete screw is the distance screw for fast and easy fixings of door- and window frames etc. in concrete, solid brick, aerated concrete and other solid materials, without plug.



ADVANTAGES

- Fast and easy fixing.
- Expansion free fixing.
- Fixing without plug.
- TX 30, both with and without head.
- Wax treated for easy fixing.
- Milling ribs.
- Cutting line.
- No pre-drilling in porous / light density materials.
- 7,5x42 mm with Panhead is especially recommended for fixing of brackets.

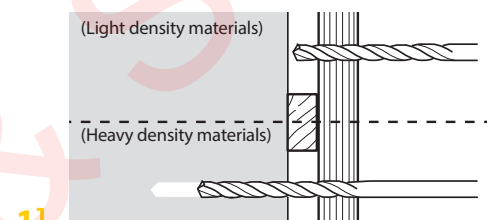
| Type | Embedment depth (minimum) mm | Load capacities ¹⁾ | |
|---|------------------------------|---|---|
| | | Design resistance Tension load [⊖] N _{Rd} | Design resistance Shear load [⊖] V _{Rd} |
| Concrete (20 N/mm ²) | 30 | 2,10 | 1,80 |
| Solid brick (15N/mm ²) [♦] | 40 | 1,04 | 0,85 |
| Lightweight Aggregate Concrete (LAC) 6/1350 | 70 | 1,1 | 1,0 |
| Lightweight Aggregate Concrete (LAC)10/1550 | 70 | 1,7 | 1,3 |
| Aerated concrete (PP4) * | 80 | 0,30 | 0,28 |
| Aerated concrete (PP2) * | 60 | 0,22 | 0,08 |
| Solid Sand-Lime Brick/Block | 40 | 1,00 | 0,85 |

* No pre-drilling in aerated concrete. Concrete Screw is screwed directly into the aerated concrete. Use low setting torque due to the light density of the aerated concrete.

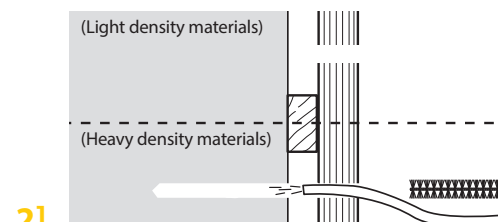
- ♦ Drilling with reduced or without hammer action.
- ⊖ Design resistance for tension is valid for a single anchor not influenced by edge distance and / or spacing.
- ⊖ Design resistance for shear is valid for a single anchor not influenced by edge distance and / or spacing.

¹⁾ Design resistance valid with pre-drilling 6 mm.

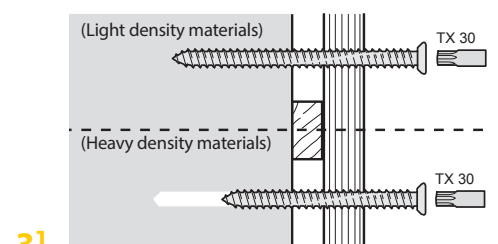
INSTALLATION:



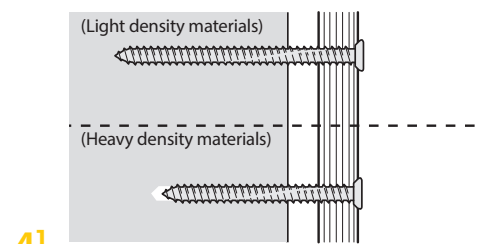
Drill a 6 mm hole (in high strength concrete 6,5 mm) through the fixture and into the wall. In aerated concrete and other porous materials use without pre-drilling



Clean the drilled hole thoroughly



Insert concrete Screw with power tool to recommended embedment depth



Expandet Concrete Screw Outdoor without head



Expandet Concrete Screw, Ceramic Coated 500h for higher resistance of corrosion. Suitable as distance screw for fixings of door- and window frames etc. in concrete, solid brick, aerated concrete and other solid materials.

EXPANDET CONCRETE SCREW OUTDOOR WITHOUT HEAD , TX 30, for outdoor use

| TYPE DIMENSION MM | DRILL DIA. MM | HEAD DIA. MM | EMBEDMENT DEPTH (MIN.) MM | EXPANDET ARTICLE NO. | PCS. PER BOX | Part No | EAN 13 PER BOX |
|----------------------|------------------|-----------------|------------------------------|----------------------|--------------|------------|----------------|
| 7,5 x 72 | 6 - 6,5 | 8,5 | 30 - 80 | 975072R | 100 | N1L5575072 | 5708620200453 |
| 7,5 x 92 | 6 - 6,5 | 8,5 | 30 - 80 | 975092R | 100 | N1L5575092 | 5708620200460 |
| 7,5 x 112 | 6 - 6,5 | 8,5 | 30 - 80 | 975112R | 100 | N1L5575112 | 5708620200477 |
| 7,5 x 132 | 6 - 6,5 | 8,5 | 30 - 80 | 975132R | 100 | N1L5575132 | 5708620200736 |
| 7,5 x 152 | 6 - 6,5 | 8,5 | 30 - 80 | 975152R | 100 | N1L5575152 | 5708620207926 |

Expandet Concrete Screw Outdoor with head



Expandet Concrete Screw, Ceramic Coated 500h for higher resistance of corrosion. Suitable as distance screw for fixings of door- and window frames etc. in concrete, solid brick, aerated concrete and other solid materials.

EXPANDET CONCRETE SCREW OUTDOOR WITH HEAD , TX 30, for outdoor use

| TYPE DIMENSION MM | DRILL DIA. MM | HEAD DIA. MM | EMBEDMENT DEPTH (MIN.) MM | EXPANDET ARTICLE NO. | PCS. PER BOX | | EAN 13 PER BOX |
|----------------------|------------------|-----------------|------------------------------|----------------------|--------------|--|----------------|
| 7,5 x 72 | 6 - 6,5 | 12,0 | 30 - 80 | 975072HR | 100 | | 5708620200743 |
| 7,5 x 92 | 6 - 6,5 | 12,0 | 30 - 80 | 975092HR | 100 | | 5708620200750 |
| 7,5 x 112 | 6 - 6,5 | 12,0 | 30 - 80 | 975112HR | 100 | | 5708620200767 |
| 7,5 x 132 | 6 - 6,5 | 12,0 | 30 - 80 | 975132HR | 100 | | 5708620200774 |
| 7,5 x 152 | 6 - 6,5 | 12,0 | 30 - 80 | 975152HR | 100 | | 5708620207933 |