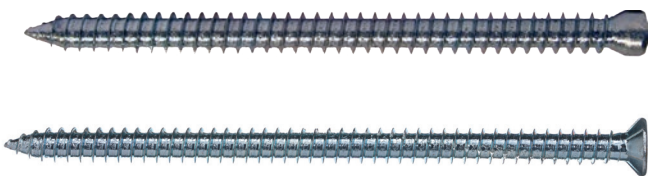


## Expandet Concrete Screw

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.

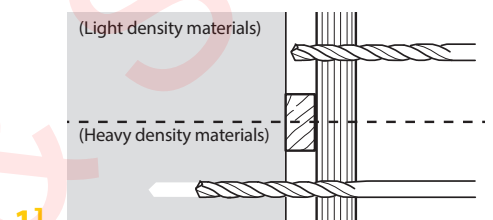
Type	Embedment depth (minimum) mm	Load capacities <sup>1)</sup>	
		Design resistance Tension load <sup>⊖</sup> N <sub>Rd</sub>	Design resistance Shear load <sup>⊖</sup> V <sub>Rd</sub>
Concrete (20 N/mm <sup>2</sup> )	30	2,10	1,80
Solid brick (15N/mm <sup>2</sup> ) <sup>♦</sup>	40	1,04	0,85
Lightweight 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.

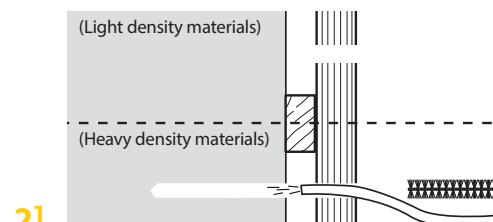
- ♦ Drilling with reduced or without hammer action.
- ⊖ Design resistance for tension is valid for a single anchor not influenced by edge distance and / or spacing.
- ⊖ Design resistance for shear is valid for a single anchor not influenced by edge distance and / or spacing.

<sup>1)</sup> Design resistance valid with pre-drilling 6 mm.

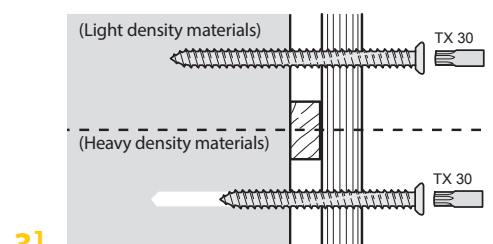
### INSTALLATION:



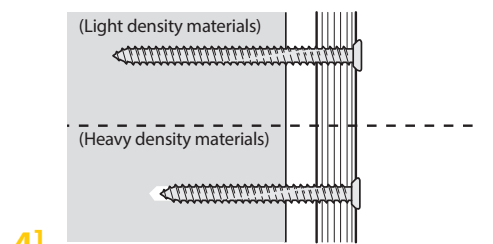
Drill a 6 mm hole (in high strength concrete 6,5 mm) through the fixture and into the wall. In aerated concrete and other porous materials use without pre-drilling



Clean the drilled hole thoroughly



Insert concrete Screw with power tool to recommended embedment depth



## Expandet Concrete Screw without head, zinc plated



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.

### EXPANDET CONCRETE SCREW WITHOUT HEAD, zinc plated, TX 30 (Technical Sheet No. 305a)

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 42	6 - 6,5	8,5	30 - 80	975042	100	N1L2275042	5708620097640
7,5 x 52	6 - 6,5	8,5	30 - 80	975052	100	N1L2275052	5708620200439
7,5 x 62	6 - 6,5	8,5	30 - 80	975062	100	N1L2275062	5708620098067
7,5 x 72	6 - 6,5	8,5	30 - 80	975072	100	N1L2275072	5708620097756
7,5 x 92	6 - 6,5	8,5	30 - 80	975092	100	N1L2275092	5708620097718
7,5 x 112	6 - 6,5	8,5	30 - 80	975112	100	N1L2275112	5708620097725
7,5 x 132	6 - 6,5	8,5	30 - 80	975132	100	N1L2275132	5708620097732
7,5 x 152	6 - 6,5	8,5	30 - 80	975152	100	N1L2275152	5708620098197
7,5 x 182	6 - 6,5	8,5	30 - 80	975182	100	N1L2275182	5708620097763
7,5 x 212	6 - 6,5	8,5	30 - 80	975212	100	N1L2275212	5708620200675

## Expandet Concrete Screw with head, zinc plated



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.

### EXPANDET CONCRETE SCREW WITH HEAD, zinc plated, TX 30 (Technical Sheet No. 305a)

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 42	6 - 6,5	12,0	30 - 80	975042H	100	5708620097657
7,5 x 52	6 - 6,5	12,0	30 - 80	975052H	100	5708620200446
7,5 x 62	6 - 6,5	12,0	30 - 80	975062H	100	5708620098074
7,5 x 72	6 - 6,5	12,0	30 - 80	975072H	100	5708620097664
7,5 x 92	6 - 6,5	12,0	30 - 80	975092H	100	5708620097671
7,5 x 112	6 - 6,5	12,0	30 - 80	975112H	100	5708620097688
7,5 x 132	6 - 6,5	12,0	30 - 80	975132H	100	5708620097695
7,5 x 152	6 - 6,5	12,0	30 - 80	975152H	100	5708620097701
7,5 x 182	6 - 6,5	12,0	30 - 80	975182H	100	5708620098203
7,5 x 212	6 - 6,5	12,0	30 - 80	975212H	100	5708620097633