

Expandet Super®

Expandet Super® the ideal plug for fixing in solid brick and concrete. Rotation in the drilled hole is prevented due to the octagonal neck and strong wings. The construction of Expandet Super ensures self-centering of the screw. It is suitable for use as through fixing due to knock-in protection.



ADVANTAGES

- High load capacities in concrete and solid brick.
- Rotation in the drilled hole is prevented by the octagonal neck and strong wings.
- Useable as through fixing due to knock-in protection.
- The construction of Expandet Super ensures self-centering of the screw

Type DIAMETER	Load capacities			
	Concrete 25 N/mm ²		Solid brick 15 N/mm ²	
	Tension load* N _{rec}	Shear load* V _{rec}	Tension load◇ N _{rec}	Shear load◇ V _{rec}
4 x 20	(0,3)	(0,1)	(0,1)	(0,1)
5 x 25	1,2 (0,3)	0,3	0,5 (0,3)	0,3
6 x 30	1,3 (0,6)	0,6	0,9 (0,6)	0,4
8 x 40	1,6 (1,0)	1,2	1,3 (1,0)	1,2
10 x 50	3,2	2,4	1,7	1,4
12 x 60	4,0	3,6	2,2	2,0
14 x 70	5,0	4,7	-	-
16 x 80	5,8	5,8	-	-
20 x 90	8,0	6,5	-	-

* Recommended loads are valid for concrete ≥ C 20/25, not influenced by edge distance and/or spacing, and only together with largest recommended woodscrew. Loads in () are valid for largest recommended chipboardscrew. Shear loads are only valid together with largest recommended wood screw. Safety factor is included (≥3).

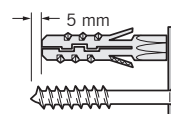
◇ Recommended loads are valid for solid brick with a compressive strength ≥ 15 N/mm², not influenced by edge distance and/or spacing, and only together with largest recommended woodscrew. Loads in () are valid for largest recommended chipboardscrew. Shear loads are only valid together with largest recommended wood screw. Safety factor is included (≥3). 1 kN ≈ 100 kg

INSTALLATION:

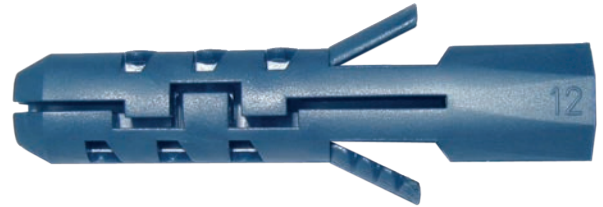
- 1] Drill a hole with correct diameter and depth
- 2] Clean the drilled hole thoroughly
- 3] Insert Super - use a hammer if necessary
- 4] Use screw size as recommended. When tightened, the plug is pressed against the drilled hole
- 5] The installation is finished

NOTE]

Always use a screw which is min. 5 mm longer than the plug + the fixing object



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EXPANDET SUPER® (Technical Sheet No. 301)

TYPE DIMENSION MM	SCREW DIA. MM	DRILL DIA. MM	DRILL DEPTH MM	EXPANDET ARTICLE NO.	PCS. PER BOX	Part No	EAN 13 PER BOX
4 x 20	2,0 - 3,0	4	30	260420	100	N4L1504020	5708620026077
5 x 25	2,5 - 4,0	5	35	260525	100	N4L1505025	5708620026015
6 x 30	3,5 - 5,0	6	40	260630	100	N4L1506030	5708620026022
8 x 40	4,5 - 6,0	8	50	260840	100	N4L1508040	5708620026046
10 x 50	6,0 - 8,0	10	60	261050	50	N4L1510050	5708620026053
12 x 60	8,0 - 10,0	12	70	261260	25	N4L1512060	5708620026060
14 x 70	10,0 - 12,0	14	80	261470	20	N4L1514070	5708620026145
16 x 80	12,0	16	90	261680	15	N4L1516080	5708620026152
20 x 90	14,0 - 16,0	20	100	262090	10	N4L1520090	5708620026183

BRICK & CONCRETE