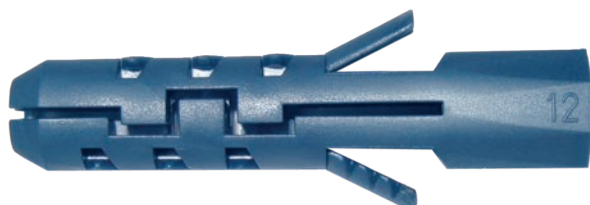


Expandet Super®

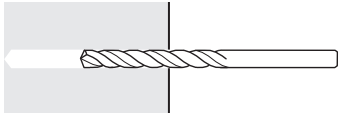
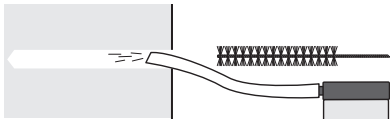
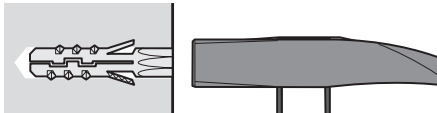
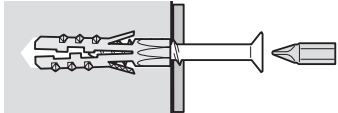
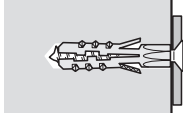
Expandet Super® the ideal plug for fixing in solid brick and concrete. Rotation in the drilled hole is prevented due to the octagonal neck and strong wings. The construction of Expandet Super ensures self-centering of the screw. It is suitable for use as through fixing due to knock-in protection.



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

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

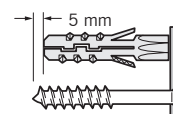
Type DIAMETER	Load capacities			
	Concrete 25 N/mm ²		Solid brick 15 N/mm ²	
	Tension load* N _{rec}	Shear load* V _{rec}	Tension load* N _{rec}	Shear load* V _{rec}
4 x 20	(0,3)	(0,1)	(0,1)	(0,1)
5 x 25	1,2 (0,3)	0,3	0,5 (0,3)	0,3
6 x 30	1,3 (0,6)	0,6	0,9 (0,6)	0,4
8 x 40	1,6 (1,0)	1,2	1,3 (1,0)	1,2
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).

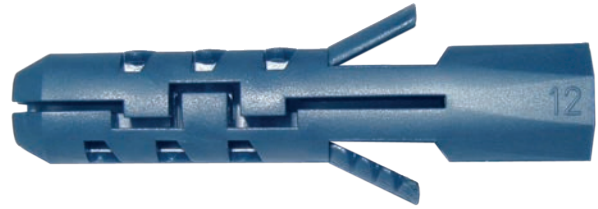
◇ Recommended loads are valid for solid brick with a compressive strength ≥ 15 N/mm², not influenced by edge distance and/or spacing, and only together with largest recommended woodscrew. Loads in () are valid for largest recommended chipboardscrew. Shear loads are only valid together with largest recommended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

NOTE]

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



Expandet Super®



EXPANDET SUPER® (Technical Sheet No. 301)

TYPE DIMENSION	SCREW DIA.	DRILL DIA.	DRILL DEPTH	EXPANDET ARTICLE NO.	PCS. PER BOX		EAN 13 PER BOX
MM	MM	MM	MM				
4 x 20	2,0 - 3,0	4	30	260420	100		5708620026077
5 x 25	2,5 - 4,0	5	35	260525	100		5708620026015
6 x 30	3,5 - 5,0	6	40	260630	100		5708620026022
8 x 40	4,5 - 6,0	8	50	260840	100		5708620026046
10 x 50	6,0 - 8,0	10	60	261050	50		5708620026053
12 x 60	8,0 - 10,0	12	70	261260	25		5708620026060
14 x 70	10,0 - 12,0	14	80	261470	20		5708620026145
16 x 80	12,0	16	90	261680	15		5708620026152
20 x 90	14,0 - 16,0	20	100	262090	10		5708620026183
MEGA PACK							
5 x 25	2,5 - 4,0	5	35	240525	200		5708620026299
6 x 30	3,5 - 5,0	6	40	240630	200		5708620026305
8 x 40	4,5 - 6,0	8	50	240840	300		5708620026312
10 x 50	6,0 - 8,0	10	60	241050	100		5708620026329
12 x 60	8,0 - 10,0	12	70	241260	75		5708620026336
14 x 70	10,0 - 12,0	14	80	241470	50		5708620026985
XL MEGA PACK							
4 x 20	2,0 - 3,0	4	30	240420 XL	6.000		5708620027159
5 x 25	2,5 - 4,0	5	35	240525 XL	3.000		5708620026473
6 x 30	3,5 - 5,0	6	40	240630 XL	3.000		5708620026480
8 x 40	4,5 - 6,0	8	50	240840 XL	1.500		5708620026497
10 x 50	6,0 - 8,0	10	60	241050 XL	800		5708620026503
12 x 60	8,0 - 10,0	12	70	241260 XL	500		5708620026510
14 x 70	10,0 - 12,0	14	80	241470 XL	500		5708620026886
BULK CARTON							
5 x 25	2,5 - 4,0	5	35	200525	35.000		5708620027807
6 x 30	3,5 - 5,0	5	40	200630	20.000		5708620027814
8 x 40	4,5 - 6,0	8	50	200840	9.000		5708620027821
10 x 50	6,0 - 8,0	10	60	201050	4.500		5708620027838
12 x 60	8,0 - 10,0	12	70	201260	2.700		5708620027845
14 x 70	10,0 - 12,0	14	80	201470	1.800		5708620026879