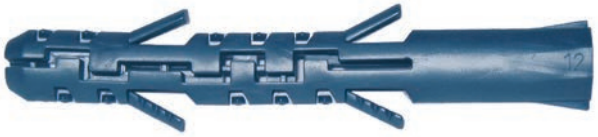
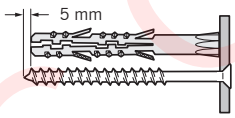
Expandet Super with Long Expansion

Expandet Super with Long Expansion provides a wide range og opportunities for fixing of bathroom fittings, lamps, electrical materials in porous materials like hollow bricks, aerated concrete, lightweight blocks etc.



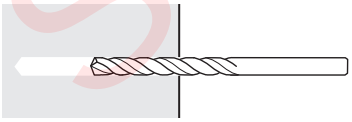
ADVANTAGES

- Developed especially for hollow brick, aerated concrete and lightweight blocks.
- The construction of Expandet Super with long expansion ensures self-centering of the screw.
- Rotation in the drilled hole is prevented by octagonal neck and strong wings.

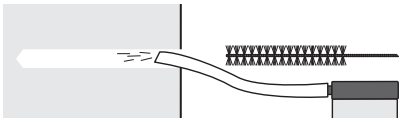


NOTE]
Always use a screw which is min. 5 mm longer than the plug + fixture

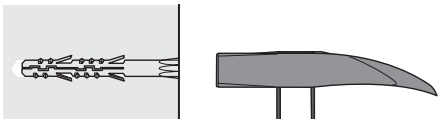
INSTALLATION:



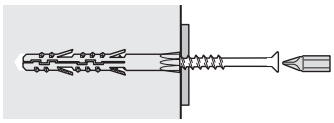
1] Drill a hole with correct diameter and depth. Use HSS-drill in aerated concrete and other solid low density base-materials. In hollow brick, only use rotary drilling



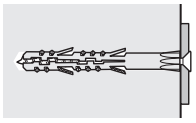
2] Clean the drilled hole thoroughly



3] Insert the plug using a hammer - ensuring that the plug is flush with the wall



4] Use screw size as recommended



5] The installation is finished

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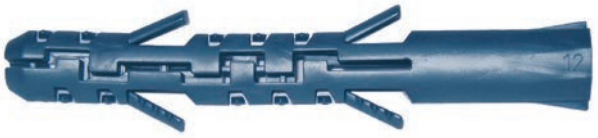

EXPANDET SUPER WITH LONG EXPANSION (Technical Sheet No. 201)

TYPE DIMENSION MM	CHIPBOARD SCREW DIA. MM	WOOD-SCREW DIA. MM	DRILL DIA. MM	DRILL DEPTH (MIN.) MM	EXPANDET ARTICLE NO.	PCS. PER BOX	Part No	EAN 13 PER BOX
6 x 55	4,0 - 5,0	-	6	65	260655	100	N4L1006055	5708620026558
8 x 65	5,5 - 6,0	6	8	75	260865	50	N4L1008065	5708620026565
10 x 80	-	8	10	90	261080	25	N4L1010080	5708620026572
12 x 95	-	10	12	105	261295	20	N4L1012095	5708620026992

Type	Load capacities							
DIMENSION	Aerated concrete PP4		Aerated concrete PP2		Leca 3 N/mm²		Hollow brick 22 N/mm²	
	Recommended tension load◆ N_{Rd}	Recommended shear load◆ V_{Rd}	Recommended tension load◆ N_{Rd}	Recommended shear load◆ V_{Rd}	Recommended tension load◈ N_{Rd}	Recommended shear load◈ V_{Rd}	Recommended tension load◇ N_{Rd}	Recommended shear load◇ V_{Rd}
6 x 55	0,24	0,49	0,08	0,18	-	-	0,25	0,20
8 x 65	0,53	0,70	0,24	0,35	0,40	0,46	0,80	0,68
10 x 80	0,72	0,82	0,30	0,44	0,71	0,85	1,30	0,91
12 x 95	0,98	1,14	0,57	0,66	1,20	1,02	1,70	1,15

◆ Recommended loads are valid for a single anchor in aerated concrete with an edge distance ≥100 mm, together with largest recommended screw:
PP2: Density 375 kg./mm3 with a compressive strength of 2 N/mm².
PP4: Density 535 kg./mm3 with a compressive strength of 4 N/mm².
Safety factor is included (≥3). 1 kN ≈ 100 kg.

◈ Recommended loads are valid for a single anchor in Leca, density 600 kg/mm3, with a compressive strength of 3 N/mm² and an edge distance ≥100 mm and only together with largest recommended screw.
Safety factor is included (≥3). 1 kN ≈ 100 kg.

◇ Recommended loads are valid for a single anchor in hollow brick with a compressive strength of min. 22 N/mm² and an edge distance ≥100 mm, and only together with largest recommended screw.
Safety factor is included (≥3). 1 kN ≈ 100 kg.