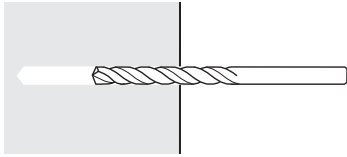


SUPER WITH LONG EXPANSION

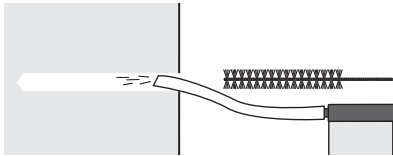
Installation:

For fixing in hollow brick, aerated concrete, lightweight blocks and porous walls

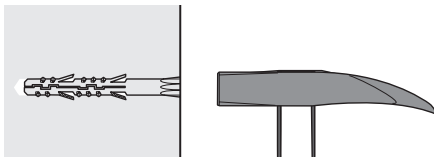
1 Drill a hole with correct diameter and depth. Use HSS-drill in aerated concrete and other solid low density base-materials. In hollow brick, only use rotary drilling



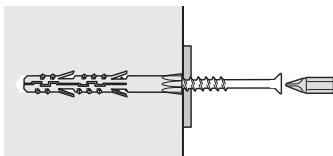
2 Clean the drilled hole thoroughly



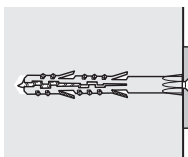
3 Insert the plug using a hammer - ensuring that the plug is flush with the wall



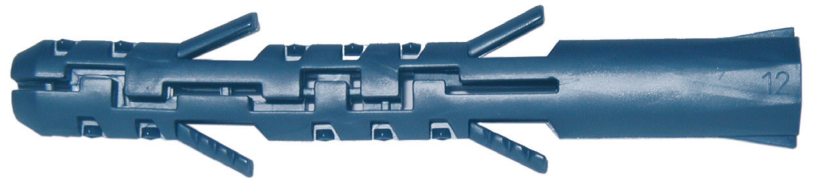
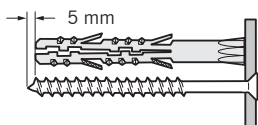
4 Use screw size as recommended



5 The installation is finished



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



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.

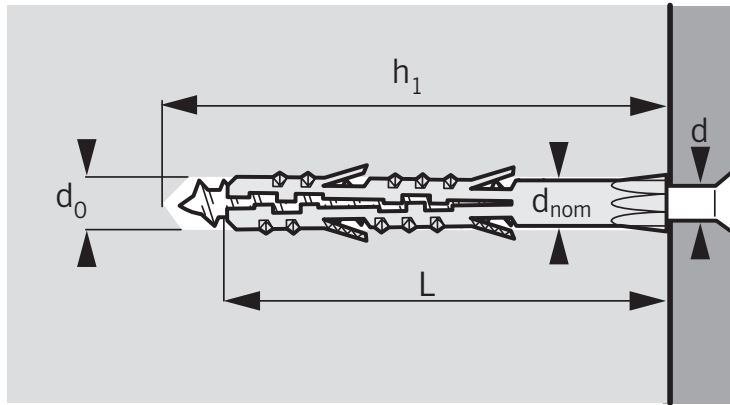
Materialer:

Expandet Super with Long Expansion is made of Nylon (PA6). Withstands temperatures from -40°C til +80°C

Further information:

See overleaf

SUPER WITH LONG EXPANSION



Type	Dimensions				Fixing	
	d_{nom}	L	d Chipboard	d Wood	d_0	h_1
Expandet Super with long expansion	Outside diameter of anchor mm	Anchor length mm	Chipboard-screw diameter mm	Wood-screw diameter mm	Drill hole diameter mm	Depth of drilled hole (Min.) mm
6x55	6	55	4,0-5,0	-	6	65
8x65	8	65	5,5-6,0	6	8	75
10x80	10	80	-	8	10	90
12x95	12	95	-	10	12	105

Type	Load Capacities							
	N_{rec}	V_{rec}	N_{rec}	V_{rec}	N_{rec}	V_{rec}	N_{rec}	V_{rec}
Expandet Super with long expansion	Aerated concrete PP4		Aerated concrete PP2		Leca 3 N/mm ²		Hollow brick 22 N/mm ²	
	Recommended tension load kN*	Recommended shear load kN*	Recommended tension load kN*	Recommended shear load kN*	Recommended tension load kN*	Recommended shear load kN*	Recommended tension load kN [◇]	Recommended shear load kN [◇]
6x55	0,23	0,45	0,08	0,16	-	-	0,20	0,20
8x65	0,49	0,64	0,23	0,32	0,45	0,50	0,60	0,68
10x80	0,65	0,75	0,28	0,40	0,85	0,65	1,10	0,91
12x95	0,90	1,04	0,52	0,61	1,20	0,80	1,30	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 \approx 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 \approx 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 \approx 100 kg.

Important: See Expandet's "Principles for fastening" for general information on fastening as well as information on limited liability. (Can be downloaded at www.expandet.com)



EXPANDET SCREW ANCHORS A/S
 Svendebuen 2-6
 DK-3230 Græsted
 Denmark

Telephone: +45 70 22 79 79
 Telefax: +45 70 22 79 89

Version 09.001

www.expandet.com
expandet@expandet.dk

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