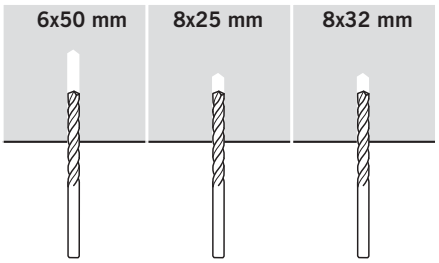
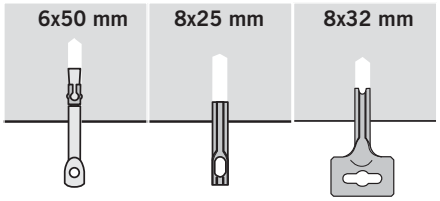
CEILING ANCHOR

Installation:

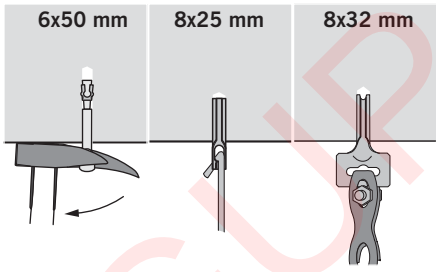
For fixing of light weight suspended ceilings, pipes, ventilation systems etc. in concrete



1 Drill a hole with correct diameter and depth

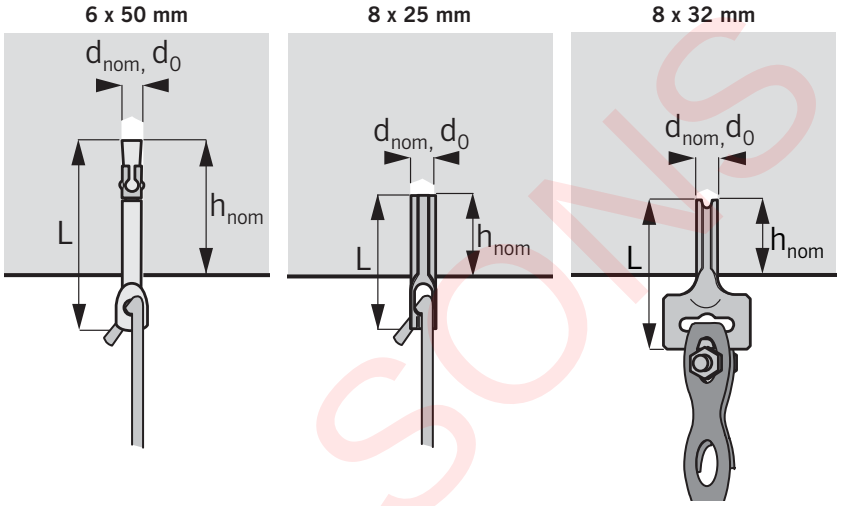


2 Drive the Ceiling Anchor in with a hammer



3 When Ceiling Anchor is strained the anchor expands

When the Spring Steel Ceiling Anchor is hammered in the spring steel presses against the sides of the drilled hole creating a strong and reliable resistance



	Type	Dimensions		Fixing		Load Capacities
		d_{nom}	L	d_0	h_1	N_{Rd}
Part No	Expandet Ceiling Anchor	Outside diameter of anchor mm	Anchor length mm	Drill hole diameter mm	Depth of drilled hole (Min.) mm	**Design resistance tension** kN*
N1L3906050	6x50	6	50	6	35	1,35
N1L3908025	8x25	8	25	8	22	1,00
N1L3908032	8x32	8	32	8	30	1,00

Design resistance is maximum in concrete ≥C20/25. Partial safety factor for material (γ_m) is included. Partial safety factor for actions (γ_f) must be applied according to national building code.

If no guidance for γ_f exists Expandet recommend a partial safety factor for actions of minimum 1,5.

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)

Advantages:

Developed entirely for suspended loads.
Small embedment depth.
8x25 and 8x32 is suitable for fixing in hollow concrete slabs.

Materials:

Expandet Ceiling Anchor:
6x50 mm: Steel, zinc plated min. 5 μm.
8x25 mm: Hardened spring steel, black phosphated.
8x32 mm: Hardened spring steel, zinc plated min. 5 μm.

EXPANDET

EXPANDET SCREW ANCHORS A/S
Svendebuen 2 6
P.O. Box 59
DK 3230 Græsted
Denmark

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

www.expandet.com
expandet@expandet.dk

Version 06.012

Graphic: Vedkom /Expandet