

Safety Nail DN

NEW



Safety Nail
DN 6x40/5

NEW



Safety Nail
DN 6x70/35



Description

The Safety Nail DN is a hammer-in steel anchor for cracked and uncracked concrete, with fire resistance classification, vandal-proof. Supplied pre-assembled.

Applications

Suspended ceilings, ventilation systems, claddings, brackets, metal sheet.

Load Range: 0,5 kN–2,4 kN



R30-R120

Safety Nail DN



→ Steel, zinc plated

→ For cracked and uncracked concrete

Description	Ref. No.	Drill hole Ø mm	Fixture thickness mm	Package content pcs.	Weight per package kg
DN 6x40/5	72200101	6 x 40	5	100	1,0
DN 6x70/35	72220101	6 x 40	35	100	1,8



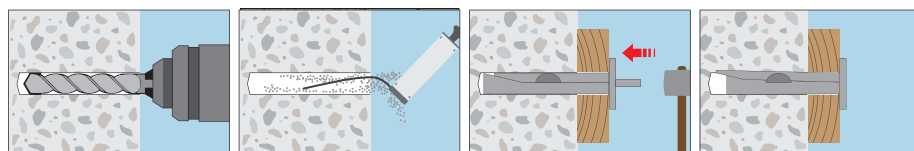
Extract from Permissible Service Conditions of ETA-23/0246 for use in concrete for redundant non-structural systems

Approved loads according to EN 1992-4 for single anchors without the influence of spacing and edge distances. The total safety factor (γ_M und γ_F) is included. The admissible loads per fixing point can be taken from the relevant national regulations of the EOTA member states and may be lower than the approved load of the anchor.

Loads and performance data	DN 6x40/5		DN 6x70/35	
	concrete C20/25 to C50/60			
Approved loads, any direction	appr. F	[kN]	2,4	2,4
Loads under fire exposure (C20/25 to C50/60)				
Approved loads R 30	appr. F	[kN]	0,7	0,7
Approved loads R 60	appr. F	[kN]	0,6	0,6
Approved loads R 90	appr. F	[kN]	0,5	0,5
Approved loads R 120	appr. F	[kN]	0,4	0,4
Loads under fire exposure (C20/25 to C50/60)				
Approved loads R 30	h_{ef}	[mm]	32	32
Approved loads R 60	s_{min}	[mm]	200	200
Approved loads R 90	c_{min}	[mm]	150	150
Approved loads R 120	h_{min}	[mm]	80	80
Installation parameters				
Drill hole diameter	d_o	[mm]	6	6
Depth of drill hole	h_i	[mm]	40	40
Attachment thickness	$t_{fix} \geq$	[mm]	5	35
Head diameter		[mm]	15	15

¹⁾Not part of European Technical Assessment

Installation



... a solid connection