

Nail Anchor AN

Group: 1406

Application

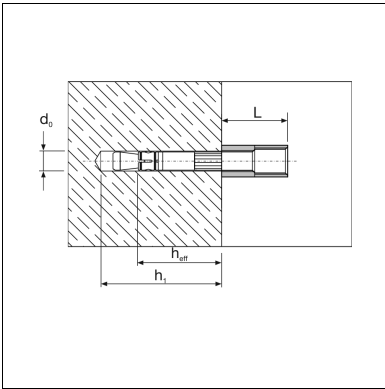
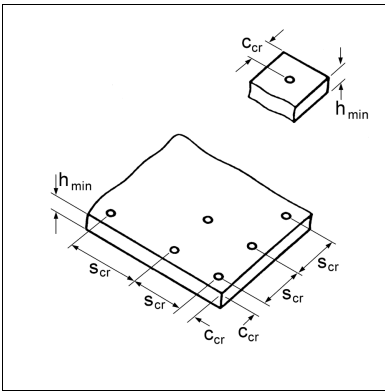
Suitable for the quick and easy mounting of components to a concrete soffit or shear wall. The internal dual thread M8/M10 allows for a direct easy connection with the Nail Anchor (e.g. M&E service supports).

The reduced drilling depth of 35 mm and the bore dia. of 6 mm minimise the risk of hitting a rebar during installation and reduces the overall cost of drilling.

Installation

Fast and simple setting of the Nail Anchor AN N M8/M10:

1. Drilling
2. Cleaning of bore hole
3. Hammer in - ready!



Technical Data

	Anchoring depth 25 mm	Anchoring depth 30 mm
adm. load in the tensile zone [kN] for anchorage in concrete accord. to approval \geq C20/25	2.14	2.81
Centre distance $s_{cr} \geq$ [mm]	200	200
Edge distance $c_{cr} \geq$ [mm]	100	100
min. thickness of concrete slab h_{min} [mm]	80	80
Drill hole dia. d_o [mm]	6	6
Depth of drill hole $h_i \geq$ [mm]	35	40
Effective anchorage depth $h_{eff} \geq$ [mm]	25	30
Length L [mm]	25	25
Thread	M8/M10	M8/M10
adm. load for fire exposure ¹⁾		
30 min. $N_{(30)}$ [kN]	0.6	0.8
60 min. $N_{(60)}$ [kN]	0.6	0.7
90 min. $N_{(90)}$ [kN]	0.6	0.6
120 min. $N_{(120)}$ [kN]	0.5	0.6
R 30 bis R120		
Centre distance $s_{cr} \geq$ [mm]	100	100
Edge distance $c_{cr} \geq$ [mm]	50	50

¹⁾ Strength class \geq 5.8 with threaded rod

Valid are the values of the mentioned approval which can be seen on our website www.sikla.com/service/downloads.

Material: Steel, zinc-plated

Approvals / Conformity

Sikla approval ETA-13/0048

For the multiple use for non-structural applications in concrete (min. C12/15 and max. C50/60). Fire protection testing, VdS-conform



Type	Length of dowel [mm]	Max. eff. length d_a [mm]	W [kg]	Quantity [pack]	Part number
AN N M8/M10 6 x 25	58	M8 = 7 / M10 = 10	0.03	100	112152
AN N M8/M10 6 x 30	63	M8 = 7 / M10 = 10	0.03	100	117561