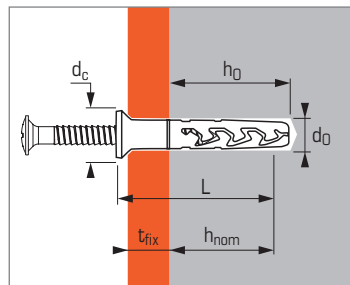


Light duty hammer-in anchor for fixings on concrete and all material types



APPLICATIONS

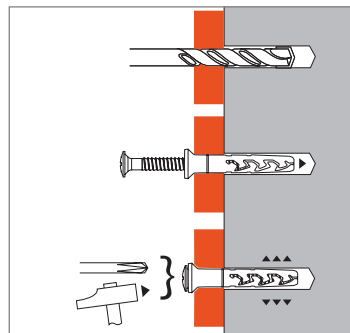
- Metal substructures
- Accessories for electrical installations
- Collars
- Plasterboard guides and supports
- Metal structures and profiles

MATERIAL

Sleeve: PA 6 color grey (RAL7035)

Screw: zinc coated steel (5 µm)

Screw head type: PZ2 diameter 5 and 6, PZ3 diameter 8



INSTALLATION TEMPERATURE

Installation temperature:

5°C ÷ +35°C

Working temperature:

0°C ÷ +40°C

Technical Data

Anchor size	Max. Fixable thickness (mm) h_{ef}	Max. Fixable thickness (mm) t_{fix}	Min. thickness of concrete slab (mm) h_{min}	Drilling depth in base material (mm) h_0	Drilling Ø (mm) d_0	Anchor head Ø (mm) d_c	Total anchor length (mm) L	Code
5x35 TS	20	15	50	30	5	9	38	568729
5x45 TS	20	25	50	30	5	9	48	568721
6x40 TS	25	10	65	35	6	10	38	568722
6x50 TS	25	20	65	35	6	10	48	568723
6x70 TS	25	40	65	35	6	10	68	568724
6x90 TS	25	60	65	35	6	10	88	568725
8x75 TS	30	40	75	40	8	13	75	568726
8x95 TS	30	60	75	40	8	13	95	568727
8x115 TS	30	80	75	40	8	13	115	568728

Ultimate loads ($N_{Ru,m}$)

TENSION [kN]			
Anchor size \ Base material	Ø 5	Ø 6	Ø 8
Embedment depth (mm)	30	35	50
Concrete (C20/25)	0,85	1,50	2,30
Clay bricks ($f_{bk} = 34 \text{ N/mm}^2$)	1,05	2,05	3,10
Hollow concrete blocks LECA BC20 not rendered ($f_{bk} = 4 \text{ N/mm}^2$)	0,80	1,35	2,30
Hollow concrete blocks B40 not rendered ($f_{bk} = 4 \text{ N/mm}^2$)	0,45	0,60	0,85
Hollow clay bricks Porotherm not rendered ($f_{bk} = 12 \text{ N/mm}^2$)	0,60	0,80	1,30
Hollow clay bricks Poroton not rendered ($f_{bk} = 14,3 \text{ N/mm}^2$)	0,60	0,80	1,30
Hollow clay bricks Doppioni not rendered ($f_{bk} = 19,4 \text{ N/mm}^2$)	0,50	0,80	1,15

These values are obtained from laboratory tests on isolated anchors without edge or group effects

Recommended loads (N_{Rec})

$$N_{rec} = \frac{N_{u,m}}{\gamma_{**}}$$

★ Average ultimate loads from laboratory tests

** Safety factor defined using a simplified approach and considered to be 5

TENSION [kN]			
Anchor size \ Base material	Ø 5	Ø 6	Ø 8
Embedment depth (mm)	30	35	50
Calcestruzzo (C20/25)	0,17	0,30	0,46
Clay bricks ($f_{bk} = 34 \text{ N/mm}^2$)	0,21	0,41	0,62
Hollow concrete blocks LECA BC20 not rendered ($f_{bk} = 4 \text{ N/mm}^2$)	0,16	0,27	0,46
Hollow concrete blocks B40 not rendered ($f_{bk} = 4 \text{ N/mm}^2$)	0,09	0,12	0,17
Hollow clay bricks Porotherm not rendered ($f_{bk} = 12 \text{ N/mm}^2$)	0,12	0,16	0,26
Hollow clay bricks Poroton not rendered ($f_{bk} = 14,3 \text{ N/mm}^2$)	0,12	0,16	0,26
Hollow clay bricks Doppioni not rendered ($f_{bk} = 19,4 \text{ N/mm}^2$)	0,10	0,16	0,23

Maximum recommended loads for a single anchor without group or edge effects.
Loads given are valid only for screws in assortment.