R-FX-N-K

NYLON HAMMER-IN FIXING WITH MUSHROOM HEAD

The hammer fixing for fast, simple, cost-effective installations



FEATURES AND BENEFITS

- The extensive range of product lengths, diameters and head types ensures availability of the correct fixing for every scenario
- Mushroom head collar prevents excessive insertion and increases contact area
- The combination of a Pozidriv recess and a helical thread facilitates disassembly and allows the nail to be removed when necessary
- A minimum of 5 micron zinc plating for optimal corrosion protection
- Designed for through installation
- Hammer installation reduces installation time and enables efficient series installation
- The nylon material ensures high quality and durability of the product

BASE MATERIAL

- Concrete
- Aerated concrete
- Solid brick
- Lightweight concrete block
- Solid sand-lime brick
- Hollow lightweight concrete block

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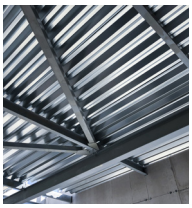
Nylon Hammer-in fixings provide quick and economical installation while maintaining the highest durability. Their aesthetic finish, easy removal, and corrosion resistance make them an ideal solution for professional and mass installations.

APPLICATIONS

- Electrical Installations
- Frames, profiles, slats
- Plasterboard systems
- Profiled and cover sheets
- Sanitary and gas installations





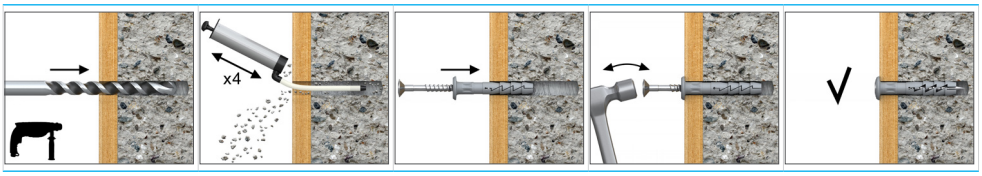






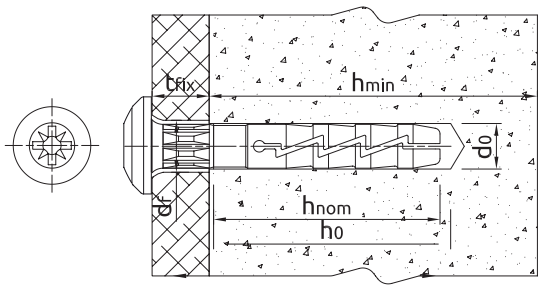

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INSTALLATION GUIDE

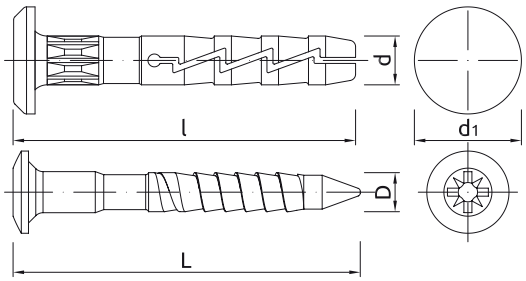


1. Drill a hole of required diameter.
2. Insert FX plug into hole through fixture.
3. Hammer the nail into the plastic sleeve until fixing is secure and flush with the fixture.

INSTALLATION DATA



Installation parameters



Installation parameters

Size			Ø6
Fixing diameter	d	[mm]	6
Hole diameter in substrate	d_0	[mm]	6
Min. hole diameter in substrate	h_0	[mm]	35
Min. installation depth	h_{nom}	[mm]	29
Min. substrate thickness	h_{min}	[mm]	100[1)]
Min. spacing	s_{min}	[mm]	100[1)]
Min. edge distance	c_{min}	[mm]	100[1)]

1) According to National Technical Assessments data can vary

PRODUCT INFORMATION

Size	Product	Plug		Nail		Fixture		Diameter
		Diameter	Length	Diameter	Length	Max. thickness	Hole diameter	
		d	l	D	L	t_{fix}	d_r	d_1
			[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
Ø06	R-FX-N-06K040	5.9	40	3.8	44	11	7	10
Ø06	R-FX-N-06K060	5.9	60	3.8	64	31	7	10
Ø06	R-FX-N-06K080	5.9	80	3.8	84	51	7	10

BASIC PERFORMANCE DATA

Performance data for single fixing without influence of edge distance and spacing

Size		Ø6
Embedment depth	[mm]	29
CHARACTERISTIC LOAD		
TENSION LOAD N_{Rk}		
Concrete C12/15	[kN]	0.20
Concrete C20/25 - C50/60	[kN]	0.30
Solid ceramic brick min. 30 MPa	[kN]	0.20
Solid ceramic brick min. 15 MPa[1)]	[kN]	0.40
Solid silicate brick min. 20 MPa	[kN]	0.40
Solid silicate brick min. 15 MPa[1)]	[kN]	0.50
Silicate hollow block min. 12 MPa	[kN]	0.30
Silicate hollow block min. 15 MP[1)]	[kN]	0.50
Hollow blocks of lightweight aggregate concrete min. 2 MPa[1)]	[kN]	0.30
Solid masonry units of lightweight aggregate concrete min. 20 MPa[1)]	[kN]	0.50
Lightweight concrete hollow block Hbl min. 2 MPa	[kN]	0.30
Lightweight concrete block LAC 20	[kN]	0.30
Autoclaved aerated concrete AAC 2	[kN]	0.10

BASIC PERFORMANCE DATA

Performance data for single fixing without influence of edge distance and spacing

Size		Ø6
Embedment depth	**[mm]**	**29**
DESIGN LOAD		
TENSION LOAD N_{Rd}		
Concrete C12/15	[kN]	0.10
Concrete C20/25 - C50/60	[kN]	0.15
Solid ceramic brick min. 30 MPa	[kN]	0.10
Solid ceramic brick min. 15 MPa[1)]	[kN]	0.16
Solid silicate brick min. 20 MPa	[kN]	0.20
Solid silicate brick min. 15 MPa[1)]	[kN]	0.20
Silicate hollow block min. 12 MPa	[kN]	0.15
Silicate hollow block min. 15 MP[1)]	[kN]	0.20
Hollow blocks of lightweight aggregate concrete min. 2 MPa[1)]	[kN]	0.12
Solid masonry units of lightweight aggregate concrete min. 20 MPa[1)]	[kN]	0.20
Lightweight concrete hollow block Hbl min. 2 MPa	[kN]	0.15
Lightweight concrete block LAC 20	[kN]	0.15
Autoclaved aerated concrete AAC 2	[kN]	0.05
REDOMMENDED LOAD		
TENSION LOAD N_{Rec}		
Concrete C12/15	[kN]	0.07
Concrete C20/25 - C50/60	[kN]	0.11
Solid ceramic brick min. 30 MPa	[kN]	0.07
Solid ceramic brick min. 15 MPa[1)]	[kN]	0.11
Solid silicate brick min. 20 MPa	[kN]	0.14
Solid silicate brick min. 15 MPa[1)]	[kN]	0.14
Silicate hollow block min. 12 MPa	[kN]	0.11
Silicate hollow block min. 15 MP[1)]	[kN]	0.14
Hollow blocks of lightweight aggregate concrete min. 2 MPa[1)]	[kN]	0.09
Solid masonry units of lightweight aggregate concrete min. 20 MPa[1)]	[kN]	0.14
Lightweight concrete hollow block Hbl min. 2 MPa	[kN]	0.11
Lightweight concrete block LAC 20	[kN]	0.11
Autoclaved aerated concrete AAC 2	[kN]	0.04

1) Data according to regional approval KOT-2019-0762

LOGISTICAL DATA

SKU	Base-sales unit	Unit pack	Bulk pack	Pallet	Single Package - Gross Weight	Bulk Package - Gross Weight	Palette - Gross Weight	Barcode
R-C1-FX-N-06K040	op	1	6	144	1,42	8,52	204,48	5906675530130
R-C3-FX-N-06K040	op	1	6	144	1,42	8,52	204,48	5906675530246
R-FX-N-06K040	sz	100	1600	38400	0,47	7,84	188,06	5906675177427
R-FX-N-06K040-A2	sz	100	1600	38400	0,46	7,61	184,06	5906675336275
R-FX-N-06K060	sz	100	1200	28800	0,64	8,07	193,66	5906675177441
R-FX-N-06K080	sz	100	1200	28800	0,74	9,33	223,92	5906675177465
R-S1-FX-N06K040/20	op	5	25	2200	0,44	2,41	212,08	5906675093833
R-S1-FX-N06K060/20	op	5	20	1760	0,61	2,64	232,50	5906675093864
R-S5-FXNB06K040/20	op	5	25	2200	0,45	2,47	217,71	5906675397368
R-S5-FXNB06K060/20	op	5	20	1760	0,63	2,70	237,25	5906675397382
R-S9-FX-N06K040/10	op	5	30	2640	0,19	1,17	103,32	5906675210599
R-S9-FX-N06K040/20	op	5	25	2200	0,39	1,96	172,22	5906675210650
R-S9-FX-N06K060/20	op	5	20	1760	0,60	2,40	211,20	5906675210698
R-SL7-FXN-06K040	op	1	12	360	0,43	5,10	153,00	5906675456775

RELATED PRODUCT

DRILLING	POWER TOOLS	Rawl-Driver 18V 60Nm 2x5,0Ah **R-PDD18-70** 	Młotowiertarka 18V SDS plus 2,0J **R-PRH18** 		
	ACCESSORIES	Drill bits Aggressor SDS Plus **RT-SDSA** 	Manual blowpump **R-BLOWPUM** 		
INSTALLATION	HAND TOOLS	Metal and wood saw **MN-65-822** 	Metal and wood saw **MN-65-543** 		
	ACCESSORIES	Tape rules **MN-81-025** 	Spirit level **MN-70-512** 	Hammer **RT-HAM-0500** 	Sheet metal scissors **MN-63-214** 
PROTECTION	ACCESSORIES	Protective gloves **R-PGL** 	Safety glasses **MN-06-093** 		