

Nail sleeve FNH

The user-friendly spring sleeve for light fixings in solid building materials

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Timber substructures

Applications

- Squared timbers
- Substructures made of wood and metal
- Metal profiles

Advantages

- No plugs or screws are required for the one-piece nail sleeve. This guarantees a simple and easy installation.
- The geometry of the nail sleeve makes

it easy to push it into the drill hole. This saves time and money.

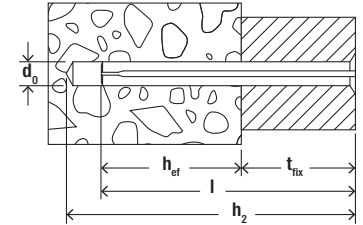
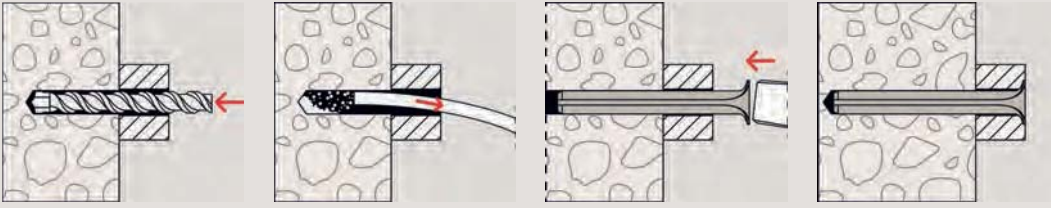
Building materials

- Concrete
- Solid sand-lime brick
- Natural stone with dense structure
- Solid brick

Functioning

- The FNH nail sleeve is suitable for push-through installation.
- The nail sleeve is hammered in and expands its entire length in the hole.
- FNH is suitable for interior applications and for temporary external fixings.

Installation FNH



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Technical data

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FNH

Item	Item No.	Drill hole diameter	Effect. anchorage depth	Anchor length	Max. fixture thickness	Min. drill hole depth for through fixings	Sales unit [pcs]
		d_0 [mm]	h_{ef} [mm]	l [mm]	t_{fix} [mm]	h_2 [mm]	
FNH 5/50	541893	5	20	50	30	60	100
FNH 6/30	541894	6	30	30	—	40	100
FNH 6/40	541895	6	30	40	10	50	100
FNH 6/50	541896	6	30	50	20	60	100
FNH 6/60	541897	6	30	60	30	70	100
FNH 6/80	541898	6	30	80	50	90	100
FNH 8/70	541899	8	40	70	30	80	100
FNH 8/90	541905	8	40	90	50	100	50
FNH 8/110	541906	8	40	110	70	120	50
FNH 8/130	541907	8	40	130	90	140	50
FNH 8/150	541908	8	40	150	110	160	50
FNH 8/180	541909	8	40	180	140	190	50

Loads

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Recommended loads¹⁾ of a single anchor as part of a multiple fixing of non-structural systems.

Type		FNH 5	FNH 6	FNH 8
Minimum member thickness	[mm]	50	60	70
Anchorage in concrete \geq C20/25				
Recommended tension load N_{rec}	[kN]	0.10	0.50	0.70
Recommended shear load V_{rec}	[kN]	0.40	1.40	2.00

¹⁾ Required safety factors are considered.