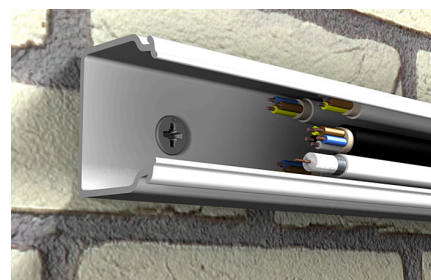


The hammer-in plug for a simple, fast and economical installation



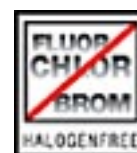
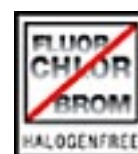
VERSIONS

- zinc-plated steel
- stainless steel

BUILDING MATERIALS

- Concrete
- Solid sand-lime brick
- Building brick
- Natural stone
- Solid brick made from lightweight concrete
- Aerated concrete
- Solid panel made from gypsum
- Vertically perforated brick
- Perforated sand-lime brick
- Hollow blocks made from lightweight concrete

APPROVALS



ADVANTAGES

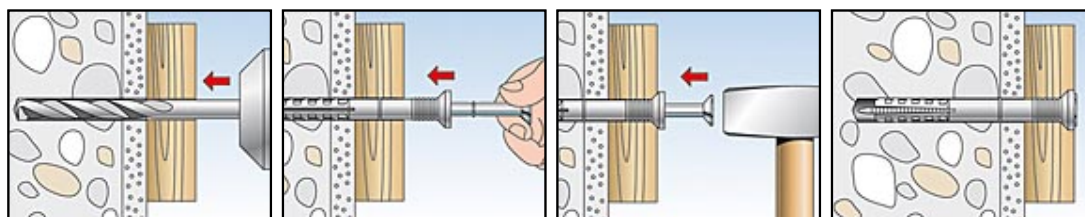
- The rapid hammerset installation reduces the amount of time required and allows for an economic series installation.
- The integrated hammer-in stop prevents the plug from expanding prematurely (jamming), thus enabling a problem-free installation.
- Together with the cross-slot recess, the thread of the nail screw allows the screw to be removed, thus allowing for subsequent dismantling.
- The wide range of diameters, usage lengths and head shapes provides the correct plug for every fixing.

APPLICATIONS

- Substructures made of wood and metal
- Wall connection or plaster profiles
- Slides
- Sheets
- Cable and pipe clips
- Punched tapes

FUNCTIONING

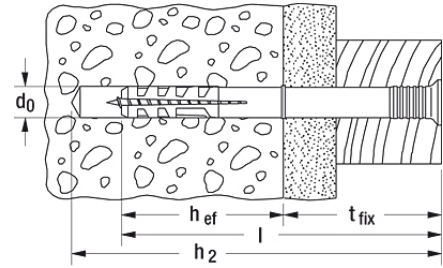
- The Hammerfix N is suitable for push-through installation.
- When hammered in, the nail screw causes the plug to expand in two directions, thus providing a secure anchoring in the building material.
- Countersunk head plugs are recommended for the installation of timber constructions; in the case of metal constructions, use flat-head plugs, and use pan-head plugs for long holes.



TECHNICAL DATA



Hammerfix N-S



galvanized

Type	Art.-No.	Drill hole diameter d_0 [mm]	Effect. anchorage depth h_{ef} [mm]	Anchor length l [mm]	Min. drill hole depth for through fixings h_2 [mm]
N 5 x 30/5 S (100)	050395	5	25	30	45
N 5 x 30/5 S (200)	513732	5	25	30	45
N 5 x 40/15 S (100)	050351	5	25	40	55
N 5 x 40/15 S (200)	513733	5	25	40	55
N 5 x 50/25 S (100)	050352	5	25	50	65
N 5 x 50/25 S (200)	513734	5	25	50	65
N 6 x 40/10 S (100)	048788	6	30	40	55
N 6 x 40/10 S (200)	513834	6	30	40	55
N 6 x 60/30 S (100)	048789	6	30	60	75
N 6 x 60/30 S (200)	513835	6	30	60	75
N 6 x 80/50 S (100)	048790	6	30	80	95
N 6 x 80/50 S (200)	513836	6	30	80	95
N 8 x 60/20 S (100)	048791	8	40	60	75
N 8 x 80/40 S (100)	048792	8	40	80	95
N 8 x 100/60 S (100)	048793	8	40	100	115
N 8 x 120/80 S (100)	048794	8	40	120	135
N 10 x 100/50 S (50)	050346	10	50	100	115
N 10 x 135/85 S (50)	050347	10	50	135	150
N 10 x 160/110 S (50)	050348	10	50	160	175
N 10 x 230/180 S (50)	050335	10	50	230	245

stainless steel A2

Type	Art.-No.	Drill hole diameter d_0 [mm]	Effect. anchorage depth h_{ef} [mm]	Anchor length l [mm]	Min. drill hole depth for through fixings h_2 [mm]
N 5 x 30/5 S A2 (100)	050370	5	25	30	45
N 6 x 40/10 S A2 (50)	050372	6	30	40	55
N 6 x 60/30 S A2 (50)	050373	6	30	60	75
N 8 x 60/20 S A2 (50)	050374	8	40	60	75
N 8 x 80/40 S A2 (50)	050375	8	40	80	95
N 8 x 100/60 S A2 (50)	050376	8	40	100	115

Folding box

Type	Art.-No.	Drill hole diameter d_0 [mm]	Effect. anchorage depth h_{ef} [mm]	Anchor length l [mm]	Min. drill hole depth for through fixings h_2 [mm]
N 6 x 80 /50 S (50)	050353	6	30	80	95
N 6 x 40/10 S (50)	050354	6	30	40	55
N 6 x 60/30 S (50)	050355	6	30	60	75
N 8 x 60/20 S (50)	050356	8	40	60	75
N 8 x 100/60 S (50)	050357	8	40	100	115
N 8 x 80/40 S (50)	050358	8	40	80	95
N 8 x 120/80 S (50)	050359	8	40	120	135

LOADS

Hammerfix N

Highest recommended loads¹⁾ for a single anchor.

The given loads are valid for screw nails with the specified diameter.

Type			N5	N6 ³⁾	N8	N10
Screw nail diameter	∅	[mm]	3,5	4	5	7
Recommended loads in the respective base material F_{rec}²⁾						
Concrete	≥ C20/25	[kN]	0,20	0,25	0,27	0,33
Solid brick	≥ Mz12	[kN]	0,14	0,18	0,24	0,30
Solid sand-lime brick	≥ KS12	[kN]	0,18	0,22	0,24	0,33
Solid brick of lightweight aggregate concrete	≥ V4	[kN]	0,05	0,12	0,15	0,16
Aerated concrete	≥ PB2	[kN]	0,03	0,04	0,05	0,10
Aerated concrete	≥ PB4	[kN]	0,07	0,10	0,13	0,16

¹⁾ Includes the safety factor 4.

²⁾ Valid for tensile load, shear load and oblique load under any angle.

³⁾ The values have to be reduced by 50% for N 6 x 40/7 P K.