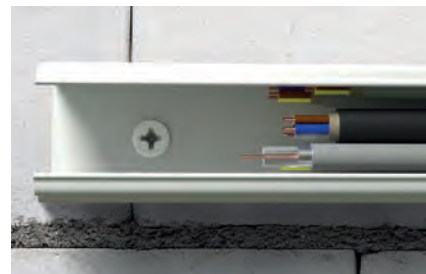


Hammerfix N

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



Timber substructures



Cable ducts

Applications

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

Advantages

- The rapidammerset 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.

Characteristics



INOX 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

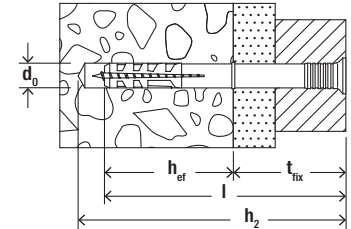
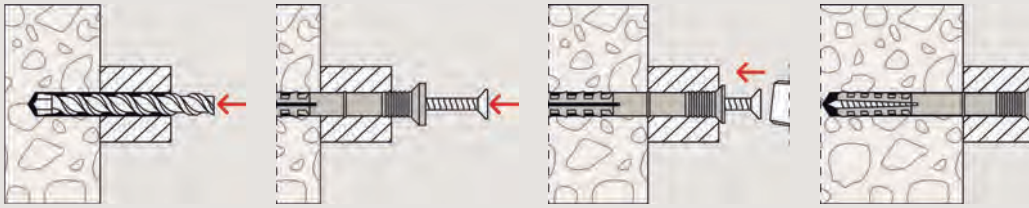
Functioning

- 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 plugs with cylindrical head, and use flat edge plugs for long holes.

Versions

- Zinc-plated steel
- Stainless steel

Installation N



5

Technical data

Hammerfix N-S



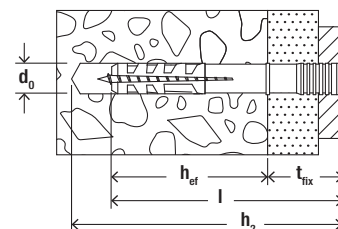
N-S with nail

N-S A2 with stainless steel
A2 nail

	Zinc-plated steel	Stainless steel A2	Drill hole diameter	Effect. anchor- age depth	Anchor length	Min. drill hole depth for through fixings	Max. fixture thickness	Drive	Sales unit
	Item No.	Item No.	d_0 [mm]	h_{ef} [mm]	l [mm]	h_2 [mm]	t_{fix} [mm]		[pcs]
Item	gvz	A2							
N 5 x 30/5 S (100)	050395 ²⁾	050370	5	25	30	45	5	PZ2	100
N 5 x 40/15 S (100)	050351	—	5	25	40	55	15	PZ2	100
N 5 x 50/25 S (100)	050352	—	5	25	50	65	25	PZ2	100
N 6 x 40/10 S (50)	050354	050372	6	30	40	55	10	PZ2	50
N 6 x 40/10 S (100)	048788	—	6	30	40	55	10	PZ2	100
N 6 x 40/10 S (200)	513834 ²⁾	—	6	30	40	55	10	PZ2	200
N 6 x 60/30 S (50)	050355	050373	6	30	60	75	30	PZ2	50
N 6 x 60/30 S (100)	048789	—	6	30	60	75	30	PZ2	100
N 6 x 60/30 S (200)	513835 ²⁾	—	6	30	60	75	30	PZ2	200
N 6 x 80/50 S (50)	050353	—	6	30	80	95	50	PZ2	50
N 6 x 80/50 S (100)	048790	—	6	30	80	95	50	PZ2	100
N 6 x 80/50 S (200)	513836 ²⁾	—	6	30	80	95	50	PZ2	200
N 8 x 60/20 S (50)	050356	050374	8	40	60	75	20	PZ3	50
N 8 x 60/20 S (100)	048791	—	8	40	60	75	20	PZ3	100
N 8 x 80/40 S (50)	050358	050375	8	40	80	95	40	PZ3	50
N 8 x 80/40 S (100)	048792	—	8	40	80	95	40	PZ3	100
N 8 x 100/60 S (50)	050357	050376	8	40	100	115	60	PZ3	50
N 8 x 100/60 S (100)	048793	—	8	40	100	115	60	PZ3	100
N 8 x 120/80 S (50)	050359	—	8	40	120	135	80	PZ3	50
N 8 x 120/80 S (100)	048794	—	8	40	120	135	80	PZ3	100
N 10 x 100/50 S (50)	050346 ¹⁾	—	10	50	100	115	50	PZ3	50
N 10 x 135/85 S (50)	050347 ¹⁾	—	10	50	135	150	85	PZ3	50
N 10 x 160/110 S (50)	050348 ¹⁾	—	10	50	160	175	110	PZ3	50
N 10 x 230/180 S (50)	050335 ¹⁾	—	10	50	230	245	180	PZ3	50

1) not pre-assembled

2) also specially suitable for fischer pipe clips FC, see chapter electrical fixings.



Technical data

Hammerfix N-F



N-F with cylindrical head and nail

5

		Drill hole diameter	Effect. anchorage depth	Anchor length	Min. drill hole depth for through fixings	Max. fixture thickness	Drive	Sales unit
	Item No.	d_0 [mm]	h_{ef} [mm]	l [mm]	h_2 [mm]	t_{fix} [mm]		[pcs]
Item	gvz							
N 5 x 25/1 F (100)	514872	5	25	25	40	1	PZ2	100
N 5 x 25/1 F (200)	514873	5	25	25	40	1	PZ2	200
N 5 x 30/5 F (100)	513736	5	25	30	45	5	PZ2	100
N 5 x 30/5 F (200)	513739	5	25	30	45	5	PZ2	200
N 5 x 40/15 F (100)	513737	5	25	40	55	15	PZ2	100
N 5 x 40/15 F (200)	513740	5	25	40	55	15	PZ2	200
N 5 x 50/25 F (100)	513738	5	25	50	65	25	PZ2	100
N 5 x 50/25 F (200)	513741	5	25	50	65	25	PZ2	200
N 6 x 35/5 F (100)	522948	6	30	35	40	5	PZ2	100
N 6 x 40/10 F (100)	513840	6	30	40	55	10	PZ2	100
N 6 x 40/10 F (200)	513843	6	30	40	55	10	PZ2	200
N 6 x 60/30 F (100)	513841	6	30	60	75	30	PZ2	100
N 6 x 60/30 F (200)	513844	6	30	60	75	30	PZ2	200
N 6 x 80/50 F (100)	513842	6	30	80	95	50	PZ2	100
N 6 x 80/50 F (200)	513845	6	30	80	95	50	PZ2	200
N 8 x 60/20 F (100)	513701	8	40	60	75	20	PZ3	100
N 8 x 80/40 F (100)	513702	8	40	80	95	40	PZ3	100
N 8 x 100/60 F (100)	513703	8	40	100	115	60	PZ3	100
N 8 x 120/80 F (100)	513704	8	40	120	135	80	PZ3	100

Technical data

Hammerfix N-PK/-S M/-S D A2



N-P K with flat edge and plastic nail

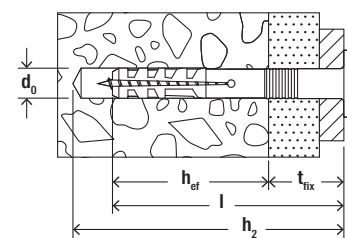


N-S M with nail and connection thread M6



N-S D A2 with isolating washer and nail

		Drill hole diameter	Effect. anchorage depth	Anchor length	Max. fixture thickness	Min. drill hole depth for through fixings	Washer	Drive	Sales unit
	Item No.	d_0 [mm]	h_{ef} [mm]	l [mm]	t_{fix} [mm]	h_2 [mm]	[Ø mm]		[pcs]
Item	gvz								
N 6 x 40/7 P K (50)	050342	6	30	40	7	55	—	—	50
N 6 x 40/10 S M6 (50)	050398	6	30	40	10	55	—	—	50
N 6 x 40/10 S D A2 (50)	050367	6	30	40	10	55	19	PZ2	50
N 6 x 60/30 S D A2 (50)	050368	6	30	60	30	75	19	PZ2	50



Technical data

Hammerfix N-P



N-P with flat edge and nail

N-P A2 with flat edge and stainless steel A2 nail

	Zinc-plated steel	Stainless steel A2	Drill hole diameter	Effect. anchorage depth	Anchor length	Min. drill hole depth for through fixings	Max. fixture thickness	Drive	Sales unit
	Item No.	Item No.	d_0 [mm]	h_{ef} [mm]	l [mm]	h_2 [mm]	t_{fix} [mm]		[pcs]
Item	gvz	A2							
N 5 x 30/5 P (100)	050338	—	5	25	30	45	5	PZ2	100
N 6 x 30/1 P (100)	514869	—	6	30	30	45	1	PZ2	100
N 6 x 40/7 P (50)	050339	050369	6	30	40	55	7	PZ2	50
N 6 x 40/7 P (100)	048795	—	6	30	40	55	7	PZ2	100
N 6 x 40/7 P (200)	514871	—	6	30	40	55	7	PZ2	200
N 8 x 40/1 P (50)	015903	—	8	40	40	55	1	PZ3	50
N 8 x 40/1 P (100)	514870	—	8	40	40	55	1	PZ3	100

Loads

Hammerfix N

Recommended loads¹⁾ for a single anchor.

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

Type		N 5	N 6 ³⁾	N 8	N 10
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	≥ Mz 12	[kN] 0.14	0.18	0.24	0.30
Solid sand-lime brick	≥ KS 12	[kN] 0.18	0.22	0.24	0.33
Solid brick of lightweight aggregate concrete	≥ V 4	[kN] 0.05	0.12	0.15	0.16
Aerated concrete	≥ AAC 2	[kN] 0.03	0.04	0.05	0.10
Aerated concrete	≥ AAC 4	[kN] 0.07	0.10	0.13	0.16

¹⁾ Required safety factors are considered.

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.