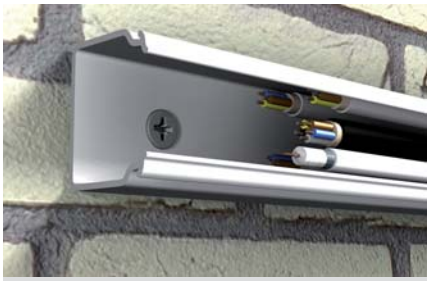
The hammer-in plug for a simple, fast and economical installation





Timber substructures



Cable ducts

VERSIONS

- Zinc-plated steel
- Stainless steel

CHARACTERISTICS

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

ADVANTAGES

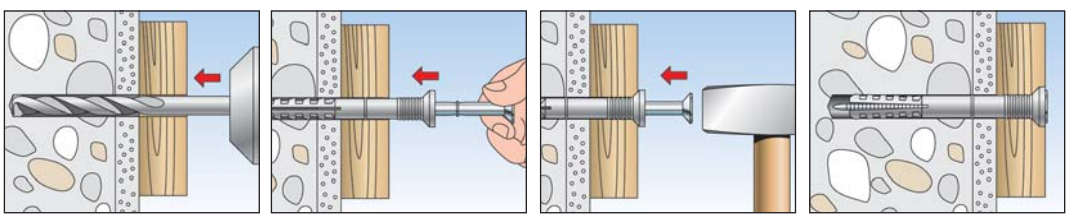
- The rapid hammerset installation reduces the amount of time required and allows for an economic series installation.
- The integrated hammer-in stop prevents the plug from expanding prematurely (jamming), thus enabling a problem-free installation.
- Together with the cross-slot recess, the thread of 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
- Perforated 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.



Hammerfix N

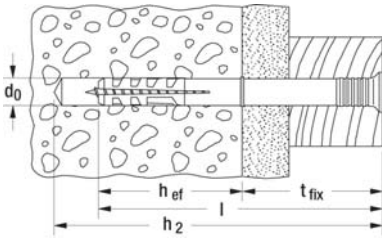
TECHNICAL DATA



Hammerfix **N-S** with nail



Hammerfix **N-S A2** with 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
	Art.-No.	Art.-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

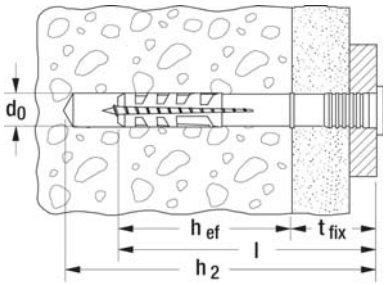
1) not pre-assembled

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

TECHNICAL DATA



Hammerfix **N-F** with cylindrical head and nail



Item	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]	Max. fixture thickness t_{fix} [mm]	Drive	Sales unit [pcs]
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 (50)	**513837**	6	30	40	55	10	PZ2	50
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 (50)	**513838**	6	30	60	75	30	PZ3	50
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 (50)	**513839**	6	30	80	95	50	PZ3	50
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 (50)	**513697**	8	40	60	75	20	PZ3	50
N 8 x 60/20 F (100)	**513701**	8	40	60	75	20	PZ3	100
N 8 x 80/40 F (50)	**513698**	8	40	80	95	40	PZ3	50
N 8 x 80/40 F (100)	**513702**	8	40	80	95	40	PZ3	100
N 8 x 100/60 F (50)	**513699**	8	40	100	115	60	PZ3	50
N 8 x 100/60 F (100)	**513703**	8	40	100	115	60	PZ3	100
N 8 x 120/80 F (50)	**513700**	8	40	120	135	80	PZ3	50
N 8 x 120/80 F (100)	**513704**	8	40	120	135	80	PZ3	100

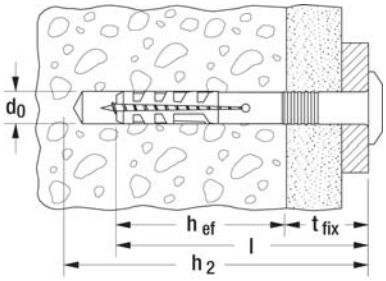
TECHNICAL DATA



Hammerfix **N-P** with flat edge and nail



Hammerfix **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
	Art.-No.	Art.-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**	**092520**	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

TECHNICAL DATA



Hammerfix **N-P K** with flat edge and plastic nail



Hammerfix **N-S D A2** with isolating washer and nail



N-S M with nail and connection thread M 6

Item	Art.-No.	Drill hole diameter d_0 [mm]	Effect. anchorage depth h_{ef} [mm]	Anchor length l [mm]	Max. fixture thickness t_{fix} [mm]	Min. drill hole depth for through fixings h_2 [mm]	Washer [Ø mm]	Drive	Sales unit [pcs]
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

LOADS

Hammerfix N

Highest recommended loads[1] 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	Ø	[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	≥ PB 2	[kN]	0,03	0,04	0,05	0,10
Aerated concrete	≥ PB 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.