

# HAMMERFIX N



Timber sub-structures



Cable ducts

## VERSIONS

- Zinc-plated steel
- Stainless steel

## BUILDING MATERIALS

- Concrete
- Solid sand-lime brick
- Building brick
- Natural stone
- Solid block made from lightweight concrete

## CHARACTERISTICS



# HAMMERFIX N

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

### ADVANTAGES

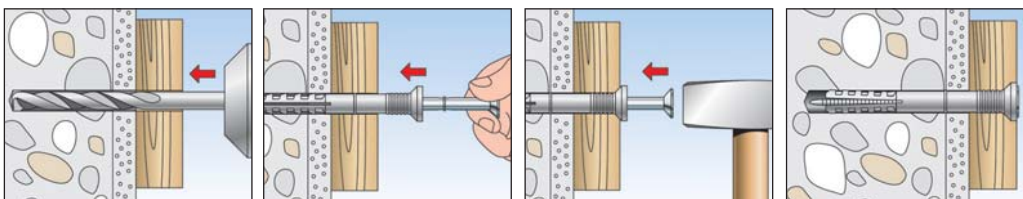
- The rapid hammerset installation reduces the amount of time required and allows for an economic series installation.
- The integrated hammer-in stop prevents the plug from expanding prematurely (jamming), thus enabling a problem-free installation.
- Together with the cross-slot recess, the thread of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



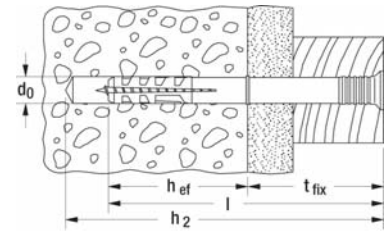
## TECHNICAL DATA



Hammerfix **N-S** with nail, pre-assembled



Hammerfix **N-S A2** with stainless steel A2 nail, pre-assembled



Item	Zinc-plated steel Art.-No.	Stainless steel A2 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]	Sales unit [pcs]
<b>N 5 x 30/5 S (100)</b>	050395 2)	050370	5	25	30	45	5	100
<b>N 5 x 30/5 S (200)</b>	513732 2)	—	5	25	30	45	5	200
<b>N 5 x 40/15 S (100)</b>	050351	—	5	25	40	55	15	100
<b>N 6 x 40/10 S (50)</b>	050354	050372	6	30	40	55	10	50
<b>N 6 x 60/30 S (50)</b>	050355	050373	6	30	60	75	30	50
<b>N 6 x 80/50 S (50)</b>	050353	—	6	30	80	95	50	50
<b>N 8 x 60/20 S (50)</b>	050356	050374	8	40	60	75	20	50
<b>N 8 x 80/40 S (50)</b>	050358	050375	8	40	80	95	40	50
<b>N 8 x 100/60 S (50)</b>	050357	050376	8	40	100	115	60	50

1) Not pre-assembled.

2) Also specially suitable for fischer Pipe clips FC, see chapter Electrical fixings.

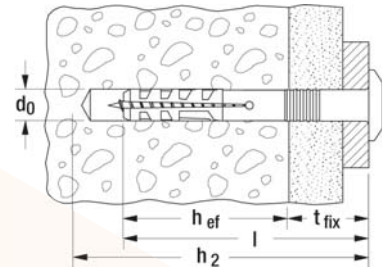
## TECHNICAL DATA



Hammerfix **N-P** with flat edge and nail, pre-assembled



Hammerfix **N-P A2** with flat edge and stainless steel A2 nail, pre-assembled



Item	Zinc-plated steel Art.-No.	Stainless steel A2 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]	Sales unit [pcs]
<b>N 5 x 30/5 P (100)</b>	050338	—	5	25	30	45	5	100
<b>N 6 x 30/1 P (100)</b>	514869	—	6	30	30	45	1	100
<b>N 6 x 40/7 P (50)</b>	050339	—	6	30	40	55	7	50
<b>N 6 x 40/7 P A2 (50)</b>	—	050369	6	30	40	55	7	50
<b>N 6 x 40/7 P (100)</b>	048795	—	6	30	40	55	7	100
<b>N 6 x 40/7 P A2 (100)</b>	—	092520	6	30	40	55	7	100
<b>N 6 x 40/7 P (200)</b>	514871	—	6	30	40	55	7	200
<b>N 8 x 40/1 P (50)</b>	015903	—	8	40	40	55	1	50
<b>N 8 x 40/1 P (100)</b>	514870	—	8	40	40	55	1	100

# HAMMERFIX N

## TECHNICAL DATA



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

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]	Sales unit [pcs]
<b>N 6 x 40/10 S D A2 (50)</b>	<b>050367</b>	6	30	40	10	55	19	50
<b>N 6 x 60/30 S D A2 (50)</b>	<b>050368</b>	6	30	60	30	75	19	50

## LOADS

### Hammerfix N

Highest recommended loads<sup>1)</sup> for a single anchor.

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

Type		N5	N6 <sup>3)</sup>	N8	N10
Screw nail diameter	Ø [mm]	3,5	4	5	7
<b>Recommended loads in the respective base material <math>F_{rec}</math><sup>2)</sup></b>					
Concrete	≥ C20/25 [kN]	0,16	0,20	0,27	0,33
Solid brick	≥ Mz12 [kN]	0,14	0,18	0,24	0,30
Solid sand-lime brick	≥ KS12 [kN]	0,14	0,17	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

<sup>1)</sup> Includes the safety factor 4.

<sup>2)</sup> Valid for tensile load, shear load and oblique load under any angle.

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