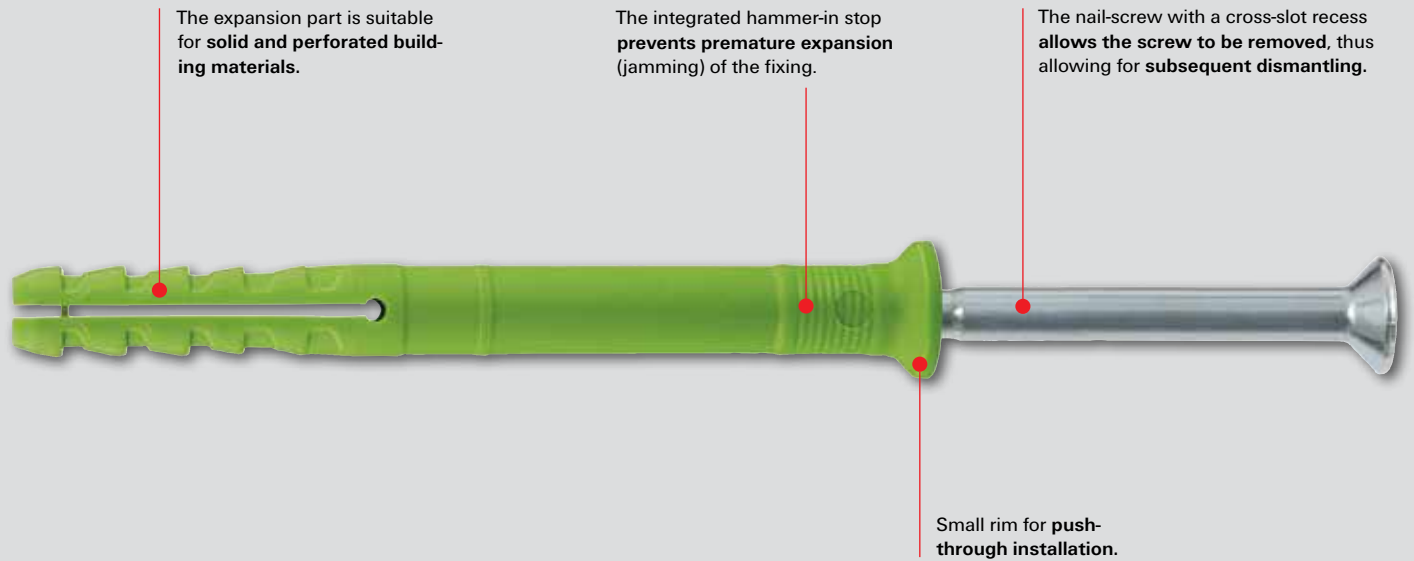


fischer Hammerfix N GREEN.

The hammer-in plug for simple, fast and economic installation.



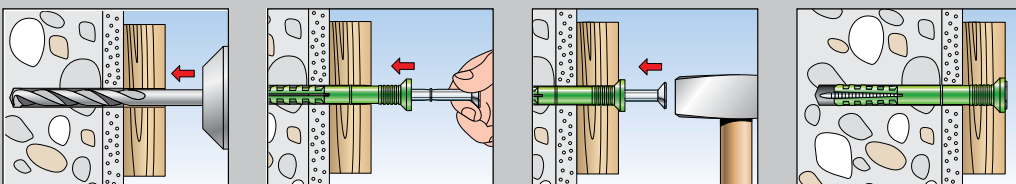
Functioning.

- The Hammerfix N GREEN is suitable for push-through installation.
- Rapid installation: drill, knock in - finished.
- When hammered in, the screw-nail causes the plug to expand in two directions, thus providing a secure anchoring in the building material.

Your advantages at a glance:

- The rapid push-through and hammer-set installation reduces the amount of work required and allows for an economic series installation.
- The integrated hammer-in stop prevents the plug from expanding prematurely enabling problem-free installation.
- Together with the cross-slot recess, the thread of the screw-nail allows the screw to be removed, thus allowing for subsequent dismantling.
- The N GREEN is available in sizes 6 x 40 to 8 x 120 mm.

Installation



Applications.

Test mark



Recommendation



Suitable for:

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

Typical anchoring solutions

Wood substructures



Cable clamps



Metal substructures



Cable ducts



- Ready to strike, quick and economic - that's the Hammerfix N GREEN. For series installation in concrete and solid building materials.
- Typical applications are mounting substructures made from wood and metal, wall fixtures and plaster profiles, foils, sheet metal, cable conduits, pipe clamps and much more.

Loads.

Hammerfix N GREEN

Highest recommended loads¹ of an individual anchor. Load values apply to the use of the provided screw-nails with the specified screw diameter.

Model			N GREEN 6	N GREEN 8
Nail-screw diameter	Ø	[mm]	4	5
Recommended load in the respective building material F_{empf} ²⁾				
Concrete	≥ C20/25	[kN]	0.20	0.27
Solid brick	≥ Mz12	[kN]	0.18	0.24
Solid sand-lime brick	≥ KS12	[kN]	0.17	0.24
Solid block made from lightweight concrete	≥ V4	[kN]	0.12	0.15
Aerated concrete	≥ PB2	[kN]	0.04	0.05
Aerated concrete	≥ PB4	[kN]	0.10	0.13

¹⁾ Contains safety factor 4.

²⁾ Applies to tension load, shear load and diagonal pull under each angle.

Aircrete anchor GB GREEN

Highest recommended loads¹⁾ of an individual anchor in aerated concrete.

Load values apply to the use of fischer safety screws⁴ as per the selection chart.

Model			GB GREEN 8	GB GREEN 10
min. axial spacing ⁶⁾	s_{min}	[mm]	150 (100) ⁷⁾	200 (150) ⁷⁾
min. rim clearance ²⁾	c_{min}	[mm]	100 (75) ⁷⁾	150 (100) ⁷⁾
Rim distance to mortared joints ⁵⁾	c_{min}	[mm]	9	10
Minimum member thickness	h_{min}	[mm]	75	100
Anchoring depth	h_{ef} (h_v)	[mm]	50	55
Recommended load in the respective building material F_{empf} ³⁾				
Aerated concrete	PB2, PP2 (G2)	[kN]	0.20	0.25
Aerated concrete	P3,3 (GB3,3)	[kN]	0.30	0.50
Aerated concrete	≥ PB4, PP4, P4,4 (≥ G4, GB4,4)	[kN]	0.40	0.60

¹⁾ Required safety factor taken into account.

²⁾ Smallest possible rim clearance.

³⁾ Applies to tension load, shear load and diagonal pull under each angle with no additional bending.

⁴⁾ Gvz and A4.

⁵⁾ Only in aerated concrete masonry.

⁶⁾ Smallest possible axial spacing for simultaneous reduction of recommended load.

⁷⁾ Values in brackets apply to PB2, PP2 (G2).

Insulation fixing FID GREEN

Highest recommended loads¹ of an individual anchor. Load values apply to the use of chipboard screws with the largest diameter.

Model			FID GREEN 50	FID GREEN 90
Screw diameter	Ø	[mm]	4.5 - 5.0	6
Recommended load in the respective building material F_{empf} ²⁾				
Styrofoam	PS 15	[kN]	0.05	0.08
Styrofoam	PS 20	[kN]	0.09	0.14

¹⁾ Contains safety factor 5.

²⁾ Applies to tension load, shear load and diagonal pull under each angle.