

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	3.7	4.7	7.0	
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. Valid for installation and use in dry base material for temperatures in the substrate up to +24 °C (resp. short term up to +40 °C).

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.