

Facade anchor SDF-KB-14A



Application range

- > Installation of metal attachments
- > For multiple fastening of non-load-bearing systems according to ETAG 020
- > Suitable for the structural fastening of wall cupboards, cladding, metal angle pieces

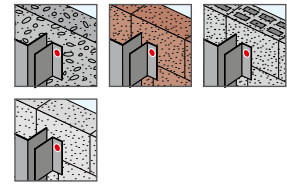
Properties

- > Hexagon head with flange
- > Approved for all common building materials
- > Reliable hold in problematic building materials thanks to optimised expansion part
- > Radial expansion for reliable hold
- > Product identification through different sleeve colours
- > Double safety lock against torsion for secure installation

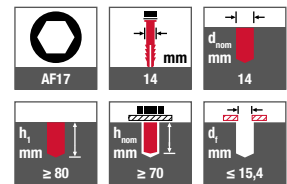
Note

For planning, please observe approval ETA-15/0027. For bricks of unknown quality, the load-carrying capacity must be determined through pull-out tests on the structure.

Applications



Technical data



Cross references

- Cleaning brush
- Blow-out pump
- Tool belt
- Corrosion protection spray
- Hammer drill SDS plus
- Cordless hammer drill
- Socket wrench insert AF17

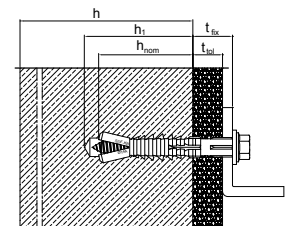
Certifications



Characteristic loads*

Tensile load $N_{Rk,p}$ in concrete > C12/15	8.50 kN
Brick Mz 20-1.8, NF	5.50 kN
Solid sand-lime brick KS, 2 DF 20-2.0	6.00 kN
Solid sand-lime brick KS, 8 DF 20-1.8	7.00 kN
Solid brick V, 3 DF	3.00 kN
Vertically perforated brick HLz, 2 DF 28-1.2	2.00 kN
Perforated sand-lime brick KSL, 8 DF 16-1.4	2.50 kN
Cavity block tile made of lightweight concrete Hbl, 12 DF	2.00 kN
Aerated concrete $f_b \geq 2 \text{ N/mm}^2$	1.20 kN
Aerated concrete $f_b \geq 4 \text{ N/mm}^2$	2.50 kN
Aerated concrete $f_b \geq 6 \text{ N/mm}^2$	3.50 kN
Transverse load $V_{Rk,s}$	
Anchor with steel screw	21.7 kN
Anchor with A4 stainless steel screw	25.3 kN
Bending moment $M_{Rk,s}$	
Anchor with steel screw	62.5 Nm
Anchor with A4 stainless steel screw	72.9 Nm

*Applies to temperature range 30-50 °C / 50-80 °C



Product online



Order description	Length [mm]	Fastening thickness $t_{fx} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)						
SDF-KB-14Ax80-V	80	10	50		8590080430	4061245018676
SDF-KB-14Ax100-V	100	30	50		8590100430	4061245018652

h = thickness of component; h_1 = depth of drill hole to deepest point; h_{nom} = anchor length in substrate (embedment depth); t_{tot} = thickness of tolerance compensation or of the non-load-bearing outer layer; $t_{ex} = t_{tot} +$ thickness of attachment