

Facade anchor SDF-S-14A



Cross references

Cordless screwdriver
 ASCM QSW
 Cordless hammer drill ABH
 Hammer drill SDS plus
 Bit hexalobular TX40
 Tool belt
 Cleaning brush
 Blow-out pump
 Corrosion protection spray

Application range

- > Installation of wood parts
- > For multiple fastening of non-load-bearing systems according to EAD 330284-00-0604
- > Suitable for the structural fastening of gates, doors, windows, square timber

Properties

- > Countersunk head
- > 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

Notice

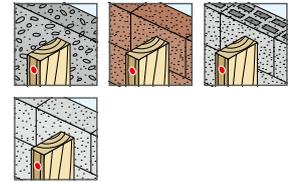
For planning, please observe approval ETA-15/0027. For bricks of unknown quality, the load-bearing capacity must be determined through pull-out tests on the structure.

When used in concrete, a silicone lubricant paste (e.g. FUCHS CHEMPLEX SI-LK 2) and the use of an impact screwdriver with particularly high torque are recommended.

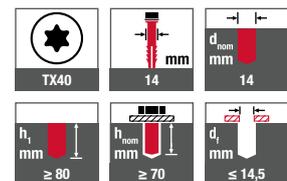
Permitted load*

Tensile load $N_{Rk,D}$ in concrete > C12/15	3.37 kN
Brick Mz 20-1.8, NF	1.57 kN
Solid sand-lime brick KS, 2 DF 20-2.0	1.71 kN
Solid sand-lime brick KS, 8 DF 20-1.8	2.00 kN
Solid brick V, 3 DF	0.86 kN
Vertically perforated brick HLz, 2 DF 28-1.2	0.57 kN
Perforated sand-lime brick KSL, 8 DF 16-1.4	0.71 kN
Cavity block tile made of lightweight concrete Hbl, 12 DF	0.71 kN
Aerated concrete $f_b \geq 2 \text{ N/mm}^2$	0.43 kN
Aerated concrete $f_b \geq 4 \text{ N/mm}^2$	0.89 kN
Aerated concrete $f_b \geq 6 \text{ N/mm}^2$	1.60 kN
Transverse load $V_{Rk,S}$	
Steel screw ($\gamma_{Ms} = 1.25$)	17.4 kN
Stainless steel screw ($\gamma_{Ms} = 1.56$)	16.2 kN
Bending moment $M_{Rk,S}$	
Steel screw ($\gamma_{Ms} = 1.25$)	50.0 Nm
Stainless steel screw ($\gamma_{Ms} = 1.56$)	46.7 Nm

Applications



Technical specifications



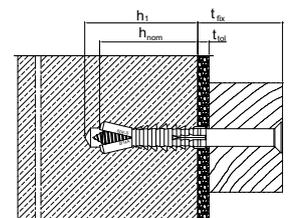
Certifications



Base materials

Approved for

- > Cracked concrete
- > Non-cracked concrete
- > Solid masonry
- > Hollow and perforated bricks
- > Aerated concrete



Product online



Order description	Length [mm]	Fastening thickness t_{tx} ≤ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)						
SDF-S-14Ax140-V	140	70	50		8591140430	4061245018621
SDF-S-14Ax160-V	160	90	50		8591160430	4061245018614
SDF-S-14Ax180-V	180	110	50		8591180430	4061245018607
SDF-S-14Ax200-V	200	130	50		8591200430	4061245018591
SDF-S-14Ax220-V	220	150	50		8591220430	4061245018584
SDF-S-14Ax240-V	240	170	25		8591240430	4061245018577
SDF-S-14Ax360-V	360	290	25		8591360430	4061245018515

Further lengths on
request

