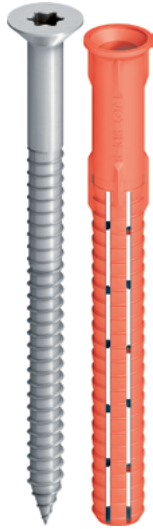


Universal anchor SDF-S-10H



Cross references

Cleaning brush
 Blow-out pump
 Tool belt
 Corrosion protection spray
 Hammer drill SDS plus
 Cordless screwdriver ASCM
 Cordless hammer drill
 Bit hexabular TX30
 Flat roof profile FP
 Universal drill SDS-plus
 Duster Expert SDS plus®

Application range

- > Installation of timber or metal attachments
- > For multiple fastening of non-load-bearing systems according to EAD 330284
- > Suitable for the structural fastening of gates, doors, windows, square timber
- > For embedment in rain screens
- > For application as single fastening in concrete

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

Note

For planning and processing, please observe ETA-10/0305 and Z-21.2-2122. Further information about parameters and loads can be found in the approvals. For bricks of unknown quality, the load-bearing capacity must be determined through pull-out tests on the structure.

Admissible loads

Tensile load $N_{Rk,p}$ in concrete C12/15

Temperature range 30 °C / 50 °C	1.79 kN
Temperature range 50 °C / 80 °C	1.59 kN

Brick Mz 20-1.8, NF 1.14 kN

Solid sand-lime brick KS 36, NF 1.29 kN

Solid sand-lime brick KS 20, 8 DF 1.29 kN

Solid lightweight concrete brick V6, 2 DF 0.57 kN

Vertically perforated brick HLz 12-0.9, NF 0.57 kN

Perforated sand-lime brick KSL 12, 4 DF 0.71 kN

Cavity block made of lightweight concrete Hbl 10, 12 DF 0.34 kN

Transverse load $V_{Rk,s}$

Steel screw ($\gamma Ms = 1.25$)	7.48 kN
Stainless steel screw ($\gamma Ms = 1.56$)	6.99 kN

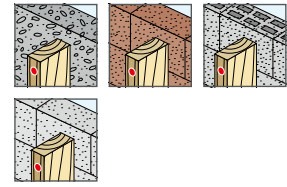
Bending moment $M_{Rk,s}$

Steel screw ($\gamma Ms = 1.25$)	14.14 Nm
Stainless steel screw ($\gamma Ms = 1.56$)	13.22 Nm

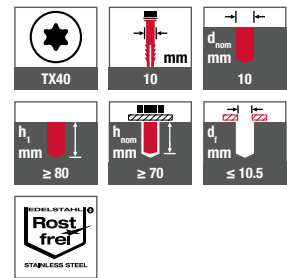
Compressive strength of aerated concrete [N/mm^2] 30–50 °C

Aerated concrete $f_b \geq 4 N/mm^2$	0.54 kN
Aerated concrete $f_b \geq 5 N/mm^2$	0.71 kN
Aerated concrete $f_b \geq 6 N/mm^2$	0.89 kN
Aerated concrete $f_b \geq 7 N/mm^2$	0.89 kN

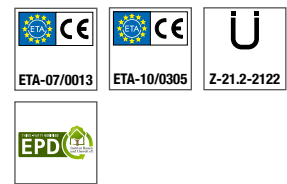
Applications



Technical specifications

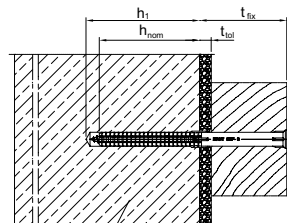


Certifications



Base materials

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



Installation substrate





Product online



Order description	Length [mm]	Fastening thickness t_{fix} ≤ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)						
SDF-S-10Hx80-V	80	10	100		8510080420	4061245019864
SDF-S-10Hx100-V	100	30	50		8510100420	4061245019840
SDF-S-10Hx120-V	120	50	50		8510120420	4061245019826
SDF-S-10Hx140-V	140	70	50		8510140420	4061245019802
SDF-S-10Hx160-V	160	90	50		8510160420	4061245019789
SDF-S-10Hx180-V	180	110	50		8510180420	4061245019765
SDF-S-10Hx200-V	200	130	50		8510200420	4061245019741
Anchors with A4 stainless steel screws (-E)						
SDF-S-10Hx80-E	80	10	100		8510080620	4061245019857
SDF-S-10Hx100-E	100	30	50		8510100620	4061245019833
SDF-S-10Hx120-E	120	50	50		8510120620	4061245019819
SDF-S-10Hx140-E	140	70	50		8510140620	4061245019796
SDF-S-10Hx160-E	160	90	50		8510160620	4061245019772
SDF-S-10Hx180-E	180	110	50		8510180620	4061245019758
SDF-S-10Hx200-E	200	130	50		8510200620	4061245019734

Further lengths
available upon request

