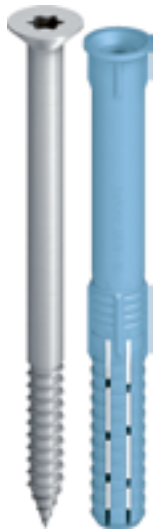


Facade anchor SDF-S-10V



Cross references

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

Application range

- > Installation of timber or metal attachments
- > For multiple fastening of non-load-bearing systems according to ETAG 020
- > Suitable for the structural fastening of gates, doors, windows, square timber
- > For application as single fastening in concrete

Characteristics

- > Countersunk head
- > When used according to ETAG 020, embedment depth in concrete can be reduced to 40 mm ($h_{nom,1}$)
- > Very short expansion part for extremely fast installation
- > Optimal expanding part due to radial expansion
- > Very high bending moment
- > Product identification through different sleeve colours
- > Double safety lock against torsion for secure installation

Notice

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-carrying 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 1.79kN

Temperature range 50 °C / 80 °C 1.59 kN

F_{Rk} brick Mz 20-1.8, NF 0.71 kN

F_{Rk} solid sand-lime brick KS 36, NF 1.14 kN

F_{Rk} solid sand-lime brick KS 20, 8 DF 1.29 kN

Transverse load $V_{Rk,s}$ at $h_{nom,1} = 40$ mm

Steel screw ($\gamma Ms = 1.25$) 6.34 kN

Transverse load $V_{Rk,s}$ at $h_{nom,2} = 50$ mm

Steel screw ($\gamma Ms = 1.25$) 8.87 kN

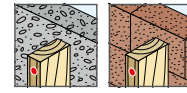
Bending moment $M_{Rk,s}$ at $h_{nom,1} = 40$ mm

Steel screw ($\gamma Ms = 1.25$) 11.04 kN

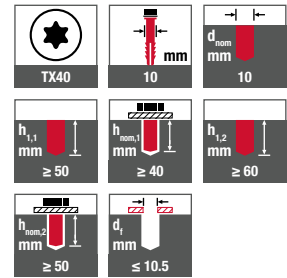
Bending moment $M_{Rk,s}$ at $h_{nom,2} = 50$ mm

Steel screw ($\gamma Ms = 1.25$) 18.41 Nm

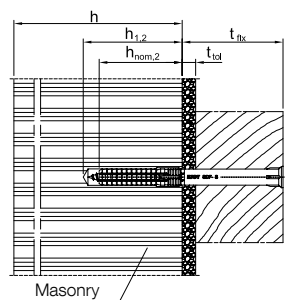
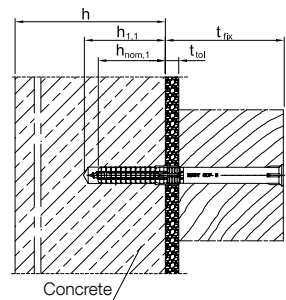
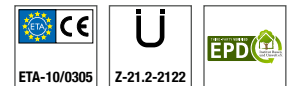
Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Fastening thickness t_{fix} (concrete* / masonry) ≤ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)						
SDF-S-10Vx50-V**	50	10 / -	100		8580050450	4061245018935
SDF-S-10Vx60-V	60	20 / 10	100		8580060450	4061245018928
SDF-S-10Vx70-V	70	30 / 20	100		8580070450	4061245018911
SDF-S-10Vx80-V	80	40 / 30	100		8580080450	4061245082998
SDF-S-10Vx100-V	100	60 / 50	50		8580100450	4061245018898
SDF-S-10Vx120-V	120	80 / 70	50		8580120450	4061245018881
SDF-S-10Vx140-V	140	100 / 90	50		8580140450	4061245018874
SDF-S-10Vx160-V	160	120 / 110	50		8580160450	4061245018867
SDF-S-10Vx180-V	180	140 / 130	50		8580180450	4061245018850
SDF-S-10Vx200-V**	200	160 / 150	50		8580200450	4061245018843
SDF-S-10Vx220-V**	220	180 / 170	50		8580220450	4061245018836

*When using h_{nom} , 1 according ETAG 020

*Production article in case of order (see page 35)