

Facade anchor SDF-S-10V



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
- > For application as single fastening in concrete

Properties

- > Countersunk head
- > When used according to EAD 330284-00-0604, 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

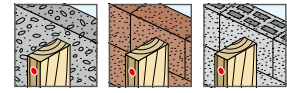
For planning and processing the products, please observe ETA-10/0305 and Z-21.2-2122. Further information about parameters and loads can be found in the approvals. For bricks of unknown quality, the load-bearing capacity must be determined through pull-out tests on the structure.

Admissible loads

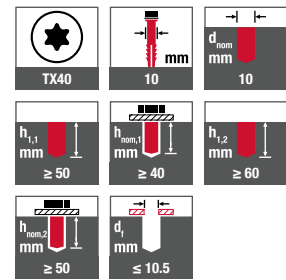
Tensile load $N_{Rk,p}$ in concrete C12/15

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

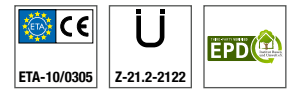
Applications



Technical specifications



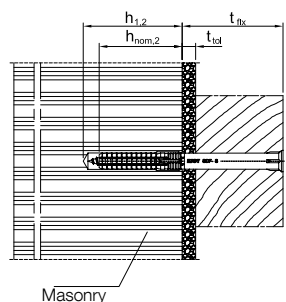
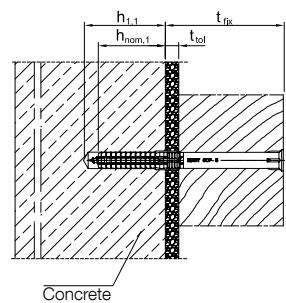
Certifications



Base materials

Approved for

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



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-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
*When using $h_{nom,1}$ according EAD 330284-00-0604						

Further lengths on
request

