

## Universal anchor SDF-KB-10H



### Cross references

Cordless screwdriver  
 ASCM QSW  
 Cordless hammer drill ABH  
 Hammer drill SDS plus  
 Bit Innensechsrund TX40  
 Socket wrench insert SW13  
 Tool belt  
 Cleaning brush  
 Blow-out pump  
 Corrosion protection spray

### Application range

- > Installation of metal attachments
- > For multiple fastening of non-load-bearing systems according to EAD 330284-00-0604
- > Suitable for the structural fastening of wall cupboards, cladding, metal angle pieces
- > For embedment in rain screens
- > For application as single fastening in concrete

### 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

### Notice

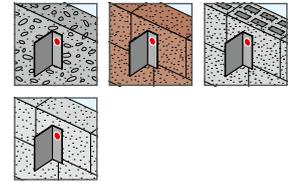
For planning and processing the products, please observe ETA-10/0305 and Z-21.2-2122. Further information about parameters and loads can be found in the approvals. For bricks of unknown quality, the load-bearing capacity must be determined through pull-out tests on the structure.

### Admissible loads

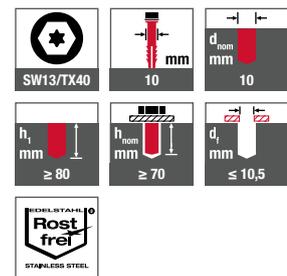
Tensile load  $N_{Rk,p}$  in concrete C12/15

Temperature range 30 °C / 50 °C	1.79 kN
Temperature range 50 °C / 80 °C	1.59 kN
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 <sup>2</sup> ] 30 - 50 °C	
Aerated concrete $f_b \geq 4$ N/mm <sup>2</sup>	0.54 kN
Aerated concrete $f_b \geq 5$ N/mm <sup>2</sup>	0.71 kN
Aerated concrete $f_b \geq 6$ N/mm <sup>2</sup>	0.89 kN
Aerated concrete $f_b \geq 7$ N/mm <sup>2</sup>	0.89 kN

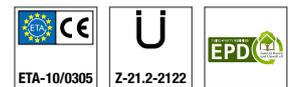
### Applications



### Technical specifications

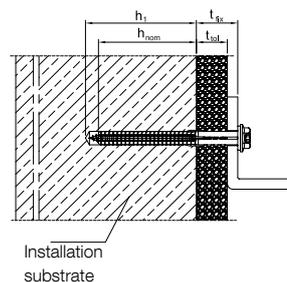


### Certifications



### 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
<b>Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)</b>						
SDF-KB-10Hx80-V	80	10	100		8513080420	4061245019642
SDF-KB-10Hx100-V	100	30	50		8513100420	4061245019611
SDF-KB-10Hx120-V	120	50	50		8513120420	4061245019581
SDF-KB-10Hx140-V	140	70	50		8513140420	4061245019567
<b>Anchors with A4 stainless steel screws (-E)</b>						
SDF-KB-10Hx80-E	80	10	100		8513080620	4061245019635
SDF-KB-10Hx100-E	100	30	50		8513100620	4061245019604
SDF-KB-10Hx120-E	120	50	50		8513120620	4061245019574
SDF-KB-10Hx140-E	140	70	50		8513140620	4061245019550

Further lengths on  
request

