

**Our strongest
allrounder**



EJOT[®] facade anchor SDF-14A

For fixing timber and metal substructures to concrete,
solid and perforated brick masonry and aerated concrete

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EJOT[®]

EJOT® facade anchor SDF-S-14A

with countersunk head

Ø [mm]	Anchor length L [mm]	Fixing thickness B ≤ [mm]	PU	Price/100 [EUR]	Order description	Article number
Anchors with steel screw with zinc-plated Cr(VI)-free coating (-V)						
14	120	50	50		SDF-S-14Ax120-V	8 591 120 430
14	140	70	50		SDF-S-14Ax140-V	8 591 140 430
14	160	90	50		SDF-S-14Ax160-V	8 591 160 430
14	180	110	50		SDF-S-14Ax180-V	8 591 180 430
14	200	130	50		SDF-S-14Ax200-V	8 591 200 430
14	220	150	50		SDF-S-14Ax220-V	8 591 220 430
14	240	170	50		SDF-S-14Ax240-V	8 591 240 430
14	260	190	50		SDF-S-14Ax260-V	8 591 260 430
14	280	210	50		SDF-S-14Ax280-V	8 591 280 430
14	300	230	50		SDF-S-14Ax300-V	8 591 300 430
14	320	250	50		SDF-S-14Ax320-V	8 591 320 430
14	340	270	50		SDF-S-14Ax340-V	8 591 340 430
14	360	290	50		SDF-S-14Ax360-V	8 591 360 430

Application Range

- Installation of wood or metal components
- For all non-load carrying redundant systems according to ETAG 020
- Suitable for the structural fastening of gates, doors, windows, square timber

Properties

- Approved for all common building materials
- Reliable hold in problematic building material due to optimised expansion part
- Secure hold due to radial expansion
- Cr VI-free coating of the screw
- Product identification through different sleeve colours
- Double safety lock against torsion for secure installation

Note

For planning please note the characteristic load values of the approval.

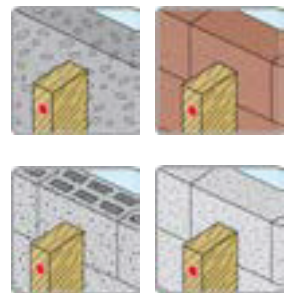
Characteristic values

Drive	Hexalobular drive T40
Drill hole depth ≥ t	80 mm
Embedment depth ≥ h _v	70 mm

Characteristic loads*

Tensile load N _{Rk,d} in concrete > C12/15	8.50 kN
Brick Mz 20-1.8, NF	5.50 kN
Solid lime sand brick KS 20-2.0	6.00 kN
Solid lime sand brick KS 20-1.8	7.00 kN
Solid brick V, 3 DF	3.00 kN
Vertically perforated brick HLz, 2 DF 28-1.2	2.00 kN
Perforated lime sand brick KSL, 8 DF 16-1.4	2.50 kN
Cavity block tile made of lightweight concrete Hbl, 12 DF	2.00 kN
Aerated concrete f _b ≥ 2 N/mm ²	1.20 kN
Aerated concrete f _b ≥ 4 N/mm ²	2.50 kN
Aerated concrete f _b ≥ 6 N/mm ²	3.50 kN
Transverse load V _{Rk,s}	
Anchor with steel screw	21.7 kN
Anchor with stainless steel screw A4	25.3 kN
Bending moment M _{Rk,s}	
Anchor with steel screw	62.5 Nm
Anchor with stainless steel screw A4	72.9 Nm

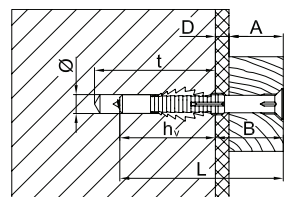
*applies to temperature range 30-50 °C / 50-80 °C



Approval
ETA-15/0027

Cross reference

Cleaning brush
Blow-out pump
Tool belt
Corrosion protection spray



EJOT® facade anchor SDF-KB-14A

with hexagon head

Ø [mm]	Anchor length L [mm]	Fixing thickness B ≤ [mm]	PU	Price/100 [EUR]	Order description	Article number
Anchor with steel screw with zinc-plated Cr(VI)-free coating (-V)						
14	80	10	50		SDF-KB-14Ax80-V	8 590 080 430
14	100	30	50		SDF-KB-14Ax100-V	8 590 100 430
Anchor with A4 stainless steel screws (-E)						
14	80	10	50		SDF-KB-14Ax80-E*	8 590 080 630
14	100	30	50		SDF-KB-14Ax100-E*	8 590 100 630

* Delivery time upon request

Application Range

- Installation of metal components
- For all non-load carrying redundant systems according to ETAG 020
- Suitable for the structural fastening of wall cupboards, cladding, metal angle pieces

Properties

- Approved for all common building materials
- Reliable hold in problematic building material due to optimised expansion part
- Secure hold due to radial expansion
- Cr VI-free coating of the screw
- Product identification through different sleeve colours
- Double safety lock against torsion for secure installation

Note

For planning please note the characteristic load values of the approval.

Characteristic values

Drive	Hexagon A/F17
Drill hole depth ≥ t	80 mm
Embedment depth ≥ h _v	70 mm

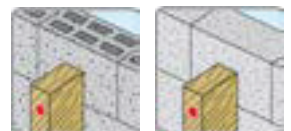
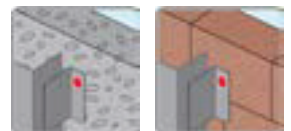
Characteristic loads*

Tensile load N _{Rk,p} in concrete > C12/15	8.50 kN
Brick Mz 20-1.8, NF	5.50 kN
Solid lime sand brick KS 20-2.0	6.00 kN
Solid lime sand brick KS 20-1.8	7.00 kN
Solid brick V, 3 DF	3.00 kN
Vertically perforated brick HLz, 2 DF 28-1.2	2.00 kN
Perforated lime sand brick KSL, 8 DF 16-1.4	2.50 kN
Cavity block tile made of lightweight concrete Hbl, 12 DF	2.00 kN
Aerated concrete f _b ≥ 2 N/mm ²	1.20 kN
Aerated concrete f _b ≥ 4 N/mm ²	2.50 kN
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Transverse load V _{Rk,s}	
Anchor with steel screw	21.7 kN
Anchor with stainless steel screw A4	25.3 kN
Bending moment M _{Rk,s}	
Anchor with steel screw	62.5 Nm
Anchor with stainless steel screw A4	72.9 Nm

*applies to temperature range 30-50 °C / 50-80 °C



AF17



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ETA-15/0027

Cross reference

- Cleaning brush
- Blow-out pump
- Tool belt
- Corrosion protection spray

