



The economist with
very high bearing loads
in concrete



EJOT[®] facade anchor SDF-8V

For fixing timber and metal substructures
to concrete and solid brick masonry

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EJOT[®]

EJOT® facade anchor SDF-S-8V

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)						
8	80	30	100		SDF-S-8Vx80-V	8 569 080 430
8	100	50	100		SDF-S-8Vx100-V	8 569 100 430
8	120	70	100		SDF-S-8Vx120-V	8 569 120 430
8	140	90	100		SDF-S-8Vx140-V	8 569 140 430
8	160	110	100		SDF-S-8Vx160-V	8 569 160 430
8	180	130	100		SDF-S-8Vx180-V	8 569 180 430
8	200	150	100		SDF-S-8Vx200-V*	8 569 200 430
8	220	170	100		SDF-S-8Vx220-V*	8 569 220 430

* Delivery time upon request

Application Range

- For fixing timber substructures to solid brick masonry and concrete

Properties

- Small drill-hole diameter
- Cr(VI)-free coating
- Product identification through different sleeve colours

Note

For planning and processing please note approval Z-21-2-589

Instructions for using galvanic zinc-plated facade anchor screws (excerpt from ETA-15/0387)

The special screw made of galvanic zinc-plated steel may also be used outside, after careful installation and if the area of the screw head is protected against moisture and driving rain in such a way, that no moisture can enter the anchor shaft. This requires facade cladding of rain screen fixed in front of the screw head and the screw head has to be coated with a soft-plastic, permanently elastic, bitumen oil combination coat (e.g. car underbody coating or cavity protection).

Characteristic values

Drive	Hexalobular drive T30
Drill hole depth ≥ t	60 mm
Embedment depth ≥ h _v	50 mm

Characteristic loads*

Tensile load N _{Rk,d} in concrete < C16/20	4,50 kN
Tensile load N _{Rk,d} in concrete ≥ C16/20	6,50 kN
Brick Mz 28-1,8, NF	2,50 kN
Solid lime sand brick KS, NF 20-2,0	2,00 kN
Transverse load V _{Rk,s}	
Anchor with steel screw	5,30 kN
Bending moment M _{Rk,s}	
Anchor with steel screw	8,20 Nm

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



T30

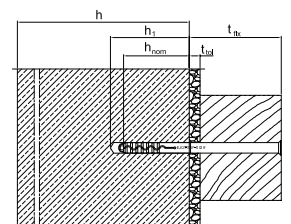


Approval

ETA-15/0387

Cross reference

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



EJOT® facade anchor SDF-KB-8V

with hexagon 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)						
8	60	10	100		SDF-KB-8Vx60-V	8 570 060 430
8	80	30	100		SDF-KB-8Vx80-V	8 570 080 430
8	100	50	100		SDF-KB-8Vx100-V	8 570 100 430
8	120	70	100		SDF-KB-8Vx120-V	8 570 120 430
8	140	90	100		SDF-KB-8Vx140-V	8 570 140 430
8	160	110	100		SDF-KB-8Vx160-V	8 570 160 430
8	180	130	100		SDF-KB-8Vx180-V	8 570 180 430
8	200	150	100		SDF-KB-8Vx200-V*	8 570 200 430
8	220	170	100		SDF-KB-8Vx220-V*	8 570 220 430

* Delivery time upon request

Application Range

- For fixing metal substructures to solid brick masonry and concrete

Properties

- Hexagon head with flange
- Small drill-hole diameter
- Cr(VI)-free coating
- Thermal and galvanic separation
- Product identification through different sleeve colours

Note

Please note approval Z-21-2-589

Characteristic values

Drive	Hexagon A/F10
Drill hole depth ≥ t	60 mm
Embedment depth ≥ h _v	50 mm

Characteristic loads*

Tensile load N _{Rk,p} in concrete < C16/20	4,50 kN
Tensile load N _{Rk,p} in concrete ≥ C16/20	6,50 kN
Brick Mz 28-1,8, NF	2,50 kN
Solid lime sand brick KS, NF 20-2,0	2,00 kN
Transverse load V _{Rk,s}	
Anchor with steel screw	5,30 kN
Bending moment M _{Rk,s}	
Anchor with steel screw	8,20 Nm

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



AF10



Approval

ETA-15/0387

Cross reference

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

