



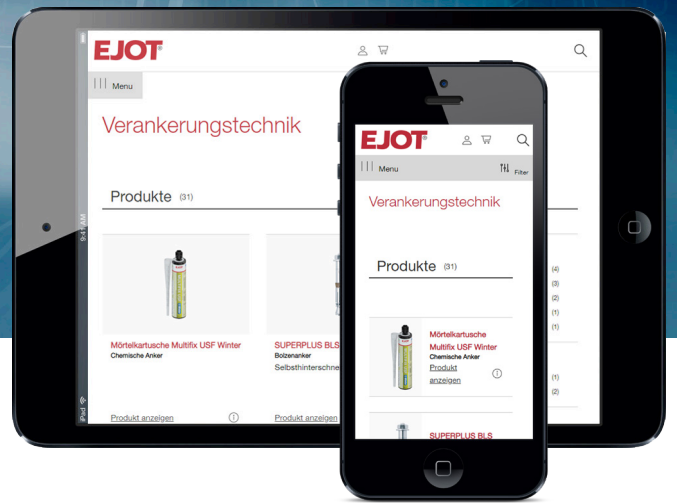
Catalogue Building Fasteners

Fastening technology for expert applications
at the construction site

Valid as of 01.04.2020



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Production site for bi-met screws plant "In der Aue", Bad Laasphe

Fastening solutions for the building industry

The EJOT Construction Division caters to selected segments of the building industry. This includes professional applications on building facades and installation solutions for technical facilities inside the building.

The aspiration to high product quality is not an end in itself for EJOT. Indeed, the user benefits from our screws and anchors. And so reliable installation also means low failure costs for the customer. Moreover, durable quality joints provide the best protection against expensive customer complaints. This is why we will continue to manufacture our strategic product lines to the highest quality standards in our plants, which are at least certified to DIN EN ISO 9001:2015.

We convey to our customers expert knowledge about the use of our products. And if needs be, we are on hand with advice and support for fastening systems.

Other services include advice over the telephone, application advice on-site, initial sizing, component tests in the EJOT Test Centre and a comprehensive training programme for architects, specifiers and installation engineers.

Innovative products are the key to success. We leave nothing to chance. We identify our customers' needs in-situ under real conditions on the job site. Communication from the market and about market requirements to the development departments is ensured by regular meetings between our technical experts and specialists and users from the international building industry. This is how we develop innovative product solutions that create a clear added value and inspire customers.



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www.ejot.com/quality

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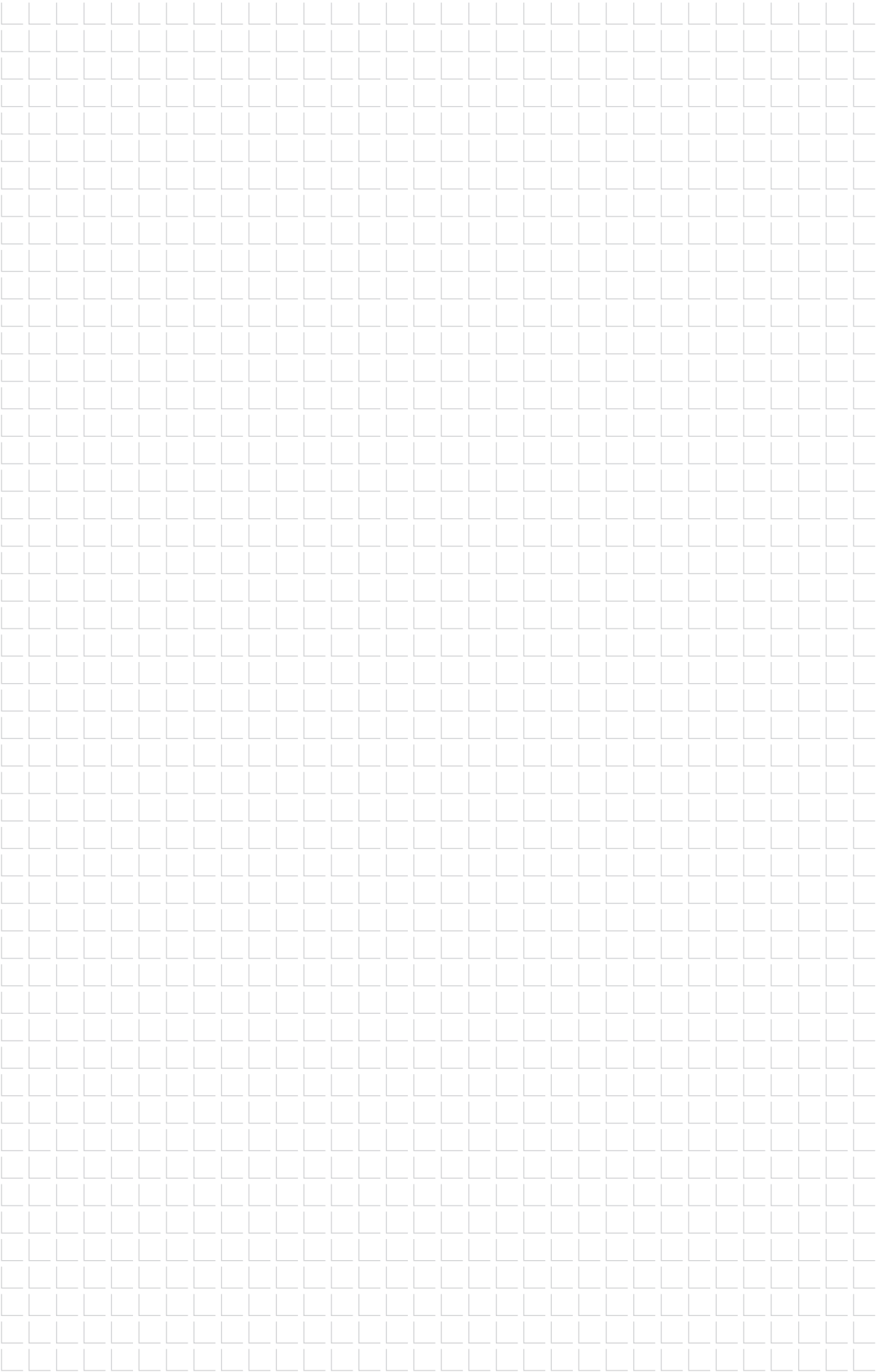
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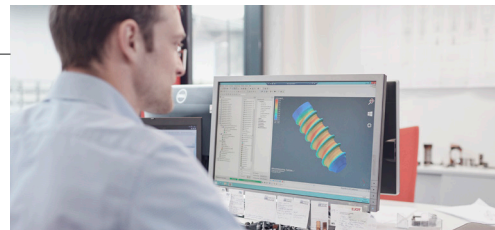
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Engineering service

- > Approval assistant
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- > Initial sizing, Anchor Fix
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- > Expert seminars for architects, specifiers, distributors and technicians with professional application-engineering advice

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- > Online shop
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Contact

- > Personal sales contact
- > Personal application engineering contact

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We are right there where you need us

Your personal sales consultants and technical contact

Whether you order our EJOT products online or at one of our many sales offices:

We are always available and advise you individually, depending on your needs. We have sales representatives throughout the country and they are available to you directly at the construction site.

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Sales region North-West

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F +49 2303 9 86 86-90



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Sales region North-East

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F +49 7144 88 74-22



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F +49 89 31 57 25-70



Branch office Nuremberg
Sales region South-East

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F +49 911 68 93 63-25



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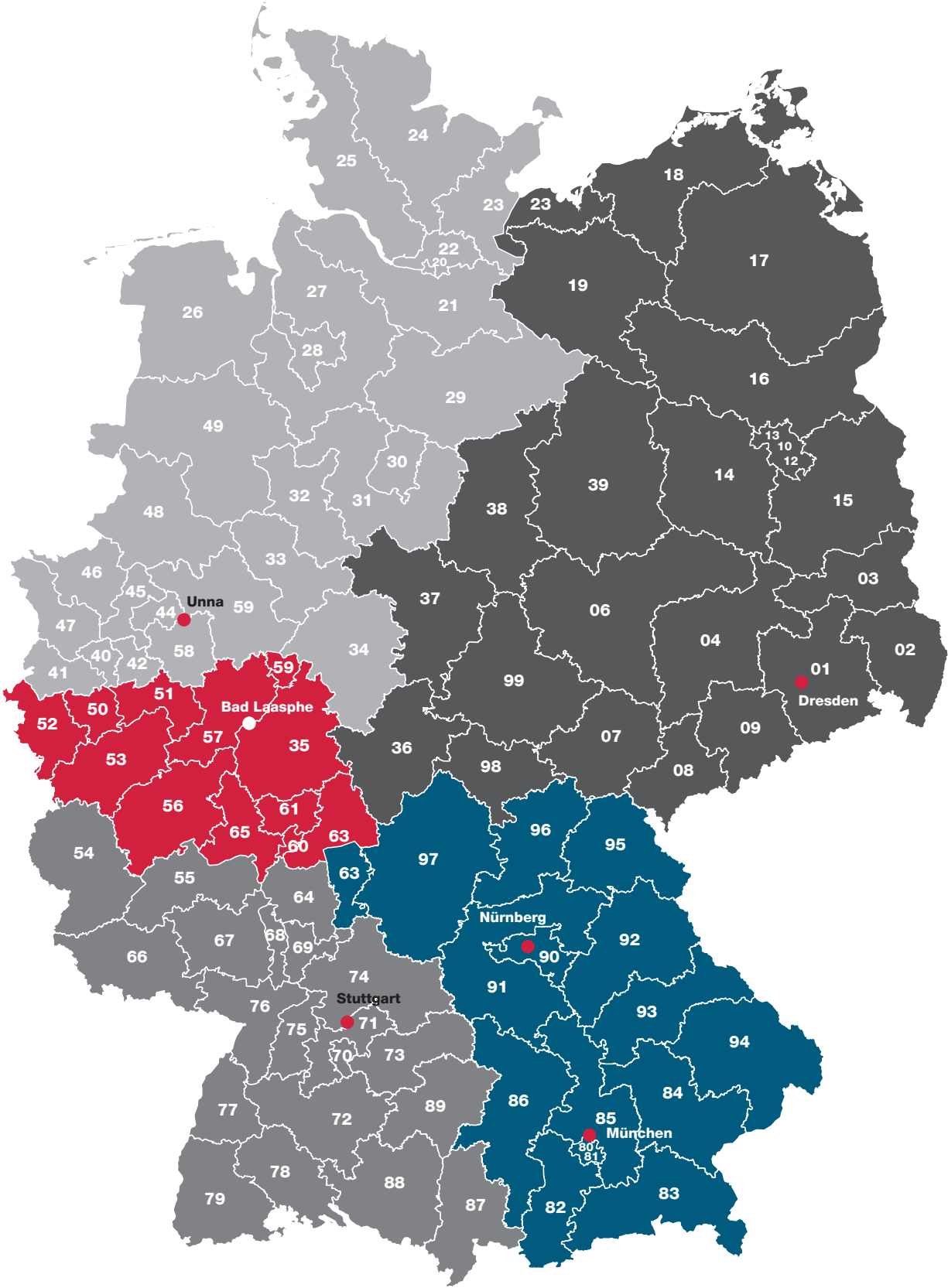
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Customer Care Center

T +49 2752 908-77 77
ccc-bf@ejot.com

EJOT® locations in Germany

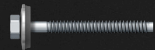
Postal code areas and their assignment by location



Experience and innovation.

The new EJOT® products at a glance.





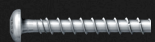
Self-tapping screw JZ5-8.0

For the first time, we offer a bi-met self-tapping screw: The JZ5-8.0 is made of A2 stainless steel with a hardened steel dog point. Therefore, it is particularly suitable for fastening profiled steel sheets and sandwich panels to steel substructures up to S 355 (St 52).



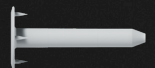
EJOFAST® JF3-LT-2-5.5

With the self-drilling screw JF3-LT-2-5.5, we have developed a no-swarf EJOFAST® screw which is especially suitable for fixing small metal shingles to profiled steel sheets.



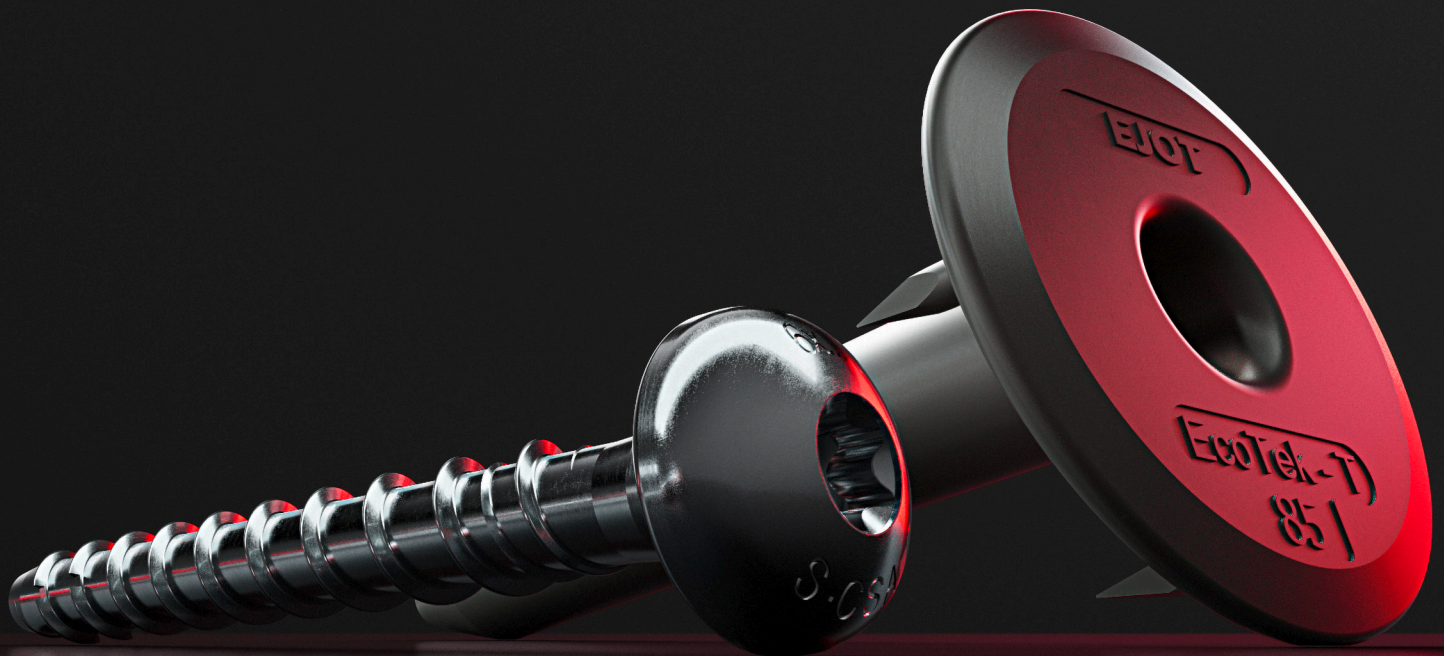
Concrete screw JC2-FR

For embeddings in concrete, we have expanded the range of concrete screws with the JC2-FR with truss head. The advantage of the concrete screws is that they are completely removable and do not develop any expansion forces.



Stress plate EcoTek-T 50

In the area of flat roofs, we offer a new plastic stress plate for fixing roofing membranes to substructures made of concrete, aerated concrete, trapezoidal steel profiles, timber and wood-based materials. The stress plate EcoTek-T 50 features four additional teeth under the head and thus ensures a maximum fixing of the roofing membranes.





Individual special production

We leave nothing to be desired.

You did not find a suitable product in our catalogue range? No problem - we offer various special products. Please consider the respective surcharges.

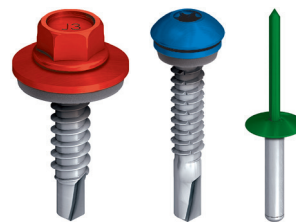
Assembly of sealing washers

Version	Costs / MSRP [EUR]
Without washer	100 pcs.
Ø 11 / Ø 14 / Ø 16	100 pcs.
Ø 19	100 pcs.
Ø 22	100 pcs.
Ø 29 / PIZ	100 pcs.
DIN 9021 (through bolt)	100 pcs.



Painting

Version	Costs / MSRP [EUR]
≤ 499 pieces	total
≥ 500 - 2,499 pieces	100 pcs.
≥ 2,500 - 4,999 pieces	100 pcs.
≥ 5,000 pieces	100 pcs.



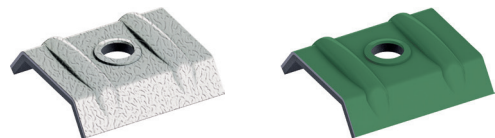
Pre-assembling, pre-turning, collating

Version	Costs / MSRP [EUR]
Pre-assembling HTK	100 pcs.
Pre-turning EcoTek + FPS-E	100 pcs.
Pre-turning EcoTek + JBS-R	100 pcs.
Collating / belting	100 pcs.



Special storm washers

Version	Costs / MSRP [EUR]
All storm washers not mentioned in the catalogue (colour and/or shape) are special storm washers	100 pcs.



Special packaging

Version	Costs / MSRP [EUR]	Article number
Opening a packaging unit (PU) in full hundreds possible for EcoTek loose, HTK-2G loose, rivets, solar fastener (à 10 pieces)	Opening	D000002152
Repacking existing standard PU in PU100	100 pcs.	-

We are committed

EJOT® is a member of various trade associations and organisations.



Fachverband Baustoffe und Bauteile für vorgehängte hinterlüftete Fassaden e.V.
www.fvhf.de



Deutscher Schraubenverband e.V.
www.schraubenverband.de



Verband Fenster + Fassade
www.window.de



Fachverband Werkzeugindustrie e.V.
www.werkzeug.org



ift Rosenheim, Institut für Fenster technik e.V.
www.ift-rosenheim.de



Institut Bauen und Umwelt e.V.
www.bau-umwelt.de



Industrieverband für Bausysteme im Metalleichtbau e.V.
www.ifbs.de



Global Fastener Alliance®
www.globalfasteneralliance.com



Informationsstelle Edelstahl Rostfrei
www.edelstahl-rostfrei.de



Verband für Dämmsysteme, Putz und Mörtel e.V.
www.vdpm.info



www.ppa-europe.eu



www.mcrma.co.uk



We stand for sustainability

EJOT® products have Environmental Product Declarations.

Environmental protection and the sustainable use of resources are amongst the most important future projects. Sustainability is becoming more and more important for the building and real estate industry.

Buildings are assessed under ecological aspects such as energy efficiency and resource consumption etc. In particular public awarding authorities include these criteria into their contracts.

In terms of future building product acts, certificates regarding the basic demands "hygiene, environment, health protection" and "sustainable use of natural resources" will be required. EJOT, as a leading company in the field of ETICS fasteners, has responded to these requirements.

The first environmental product declaration (EPD) for anchor manufacturers was obtained by EJOT and we can now present a comprehensive and complete record for the sustainability and the balance of environmental influences of our products. EPDs for anchors and fasteners from the areas of flat roof and rear-ventilated facade have followed.

The industrial lightweight construction field now completes the EJOT product range with regards to the assessment of environmental performance of buildings according to DIN EN 15978.



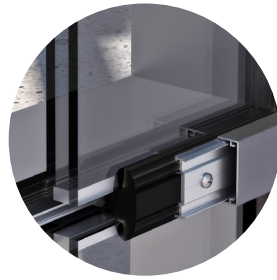
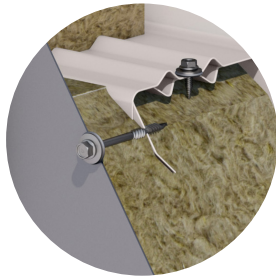
The EJOT® application advice

Find the right fastener for your project

Fastening and installation solutions are as versatile as there are building types. But the small, inconspicuous products bear a special responsibility for their stability. Therefore it is important to use the perfectly matched product for every application. Whether it is a production hall, administrative building, residential house or the corresponding technical devices - with the application adviser, you will find the suitable product for your project.



- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

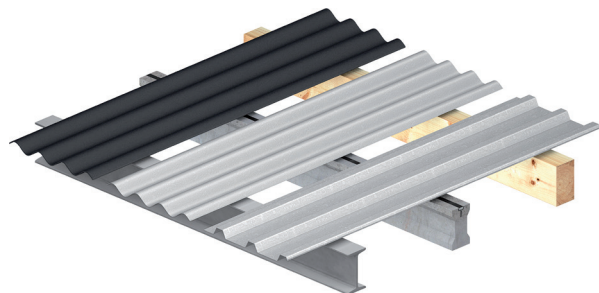
Machinery Spare Parts Tools





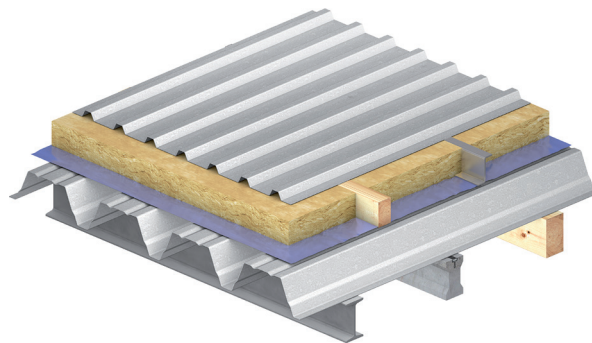
Single-sheet profiled roof

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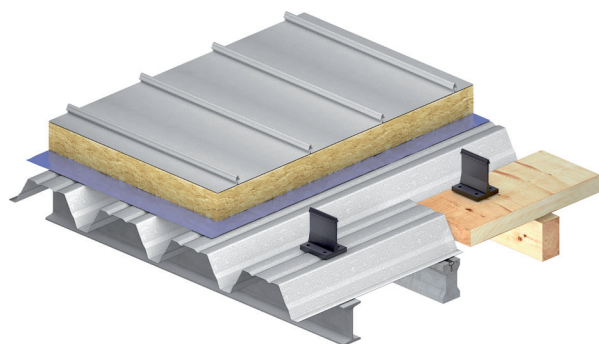
Double-sheet profile roof

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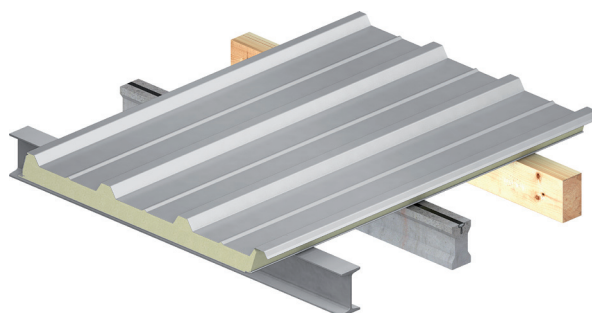
Double-sheet roof with seam or clamping profiles

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Roof with sandwich panels

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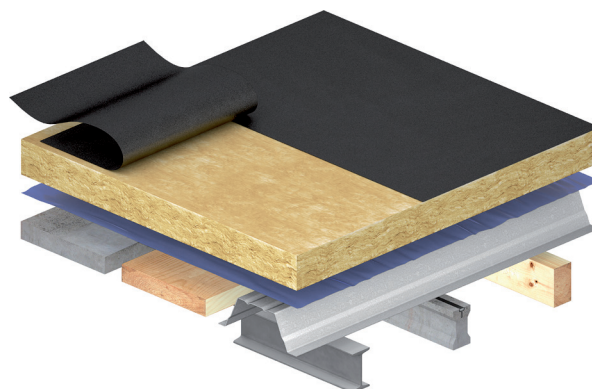
Tin tile roof

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Flat roof with roofing membrane

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Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

Nylon Expansion
Anchoring
Technology

Metal + Chemical
Anchors

Window / Glass
Facade Screws

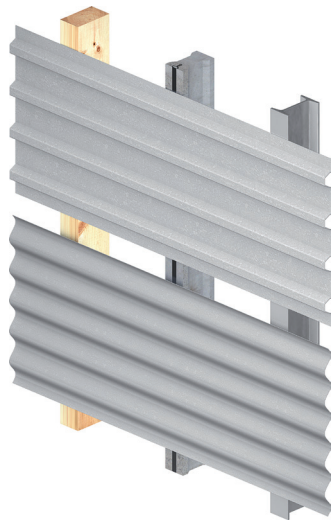
Accessories

Machinery
Spare Parts
Tools



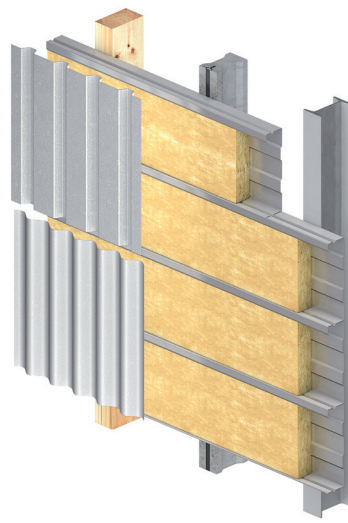
Single-sheet profiled wall

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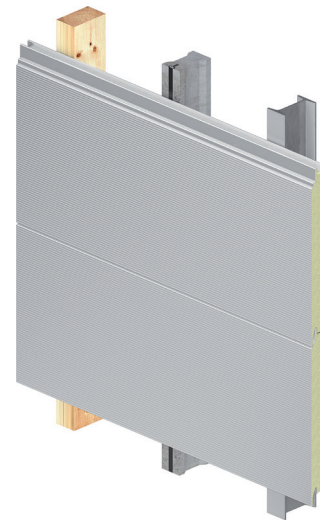
Cassette wall

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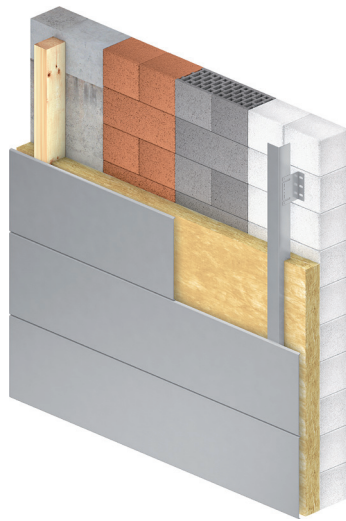
Sandwich panel wall

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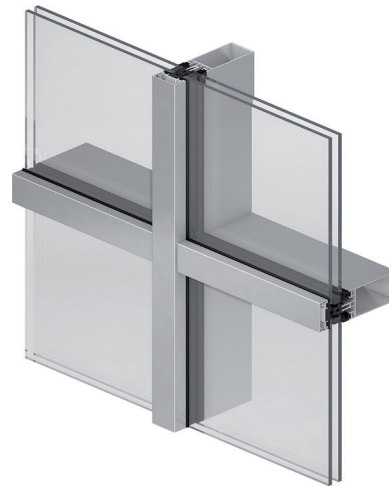
Rear-ventilated facade (VHF)

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Window construction, window installation and glass facade

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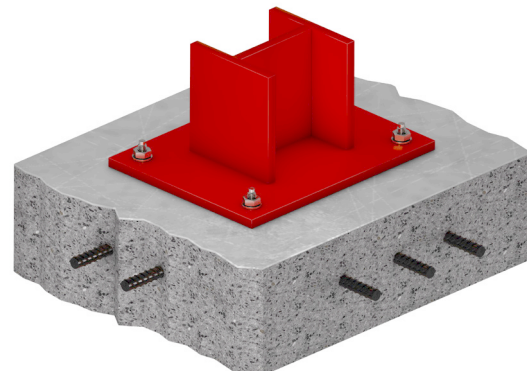
Solar and photovoltaic installation

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Installation into concrete and masonry

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Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



General recommendations

Product recommendations

For the product recommendations it is assumed that the objects are buildings with no excessive demands on corrosion, load-carrying capacity or visual appearance, e.g. warehouses, office buildings, sales rooms etc.

The recommendation does not apply to buildings with special demands on the fastening elements due to internal and external climate conditions or which have special demands on the fasteners due to the location of the building.

The application advice is only a recommendation without any claim to accuracy or completeness. Structural-physical measures such as the application of vapour barrier sheeting or the insertion of seal strips are not addressed. They need to be considered separately.

The assembly and installation guidelines provided by the component manufacturers and the IFBS guidelines have to be observed.

EJOT recommends ORKAN storm washers

Special attention should be paid to the waterproofing of fastening elements. Practical experience has shown that leakage of only a few tenth millimetres can lead to considerable damage. For that reason EJOT recommends crown fixing with storm washers. ORKAN storm washers prevent an indentation of the crown and provide a very high degree of safety against rain water penetration.

Advice for screw installation

Installation depth into timber

For trapezoidal profile joints the installation depth into timber is regulated by the respective approval. The minimum installation depth of a 6.5 screw is 26 mm. The maximum installation depth is 78 mm.

For fastening a 0.75 mm trapezoidal steel profile with a 6.5 screw into timber, an installation depth of 50 mm has proven to be optimal in practical experience. The force ratio between the pull-out capacity and pull-over load then remains approximately in the balance.

Pre-drilling in timber

Pre-drilling may be omitted if a self-drilling screw is used. The no-swarf EJOFAST screws for timber can also be used without pre-drilling.

Pre-drilling of timber has the advantage that expansion forces, which can lead to splicing of the wood, can be clearly reduced and for that reason a reduction of the edge distance is made possible through pre-drilling.

Side lap stitching

If side lap stitching is not regulated any differently, it has to be spaced 50 - 666 mm apart, according to DIN EN 1090. A screw spacing of 500 mm has proven to be very practical.

EJOT recommends the use of screws with a free spin zone in order to prevent stripping of the screws and a destruction of the sealing washers.

Determination of the screw length

For the determination of the minimum screw length it has to be distinguished between self-drilling and non self-drilling screws.

For **self-drilling screws** the clamp thickness has to be observed. The clamp thickness of a self-drilling screw can be obtained from the product catalogue and is not part of the approval.

For self-tapping screws without drill point the cylindrical part of the screw has to be fastened at least 6 mm into the load-bearing component. In practice 20 mm are added to the sum of the thickness of all components that are fastened onto component II (substructure). The result is the minimum screw length of a self-tapping screw under consideration of sealing washer and uneven installation surface.

Quantity determination for screws

General

Spacing and position of the fastening elements can be obtained from the static analysis. However, it is very tedious and time-consuming to determine the exact number of screws. But a rough estimate of the required quantity is helpful for ordering or calculating.

Pre-dimensioning

EJOT offers the service of initial sizing with quantity determination for larger building projects. The result of this initial sizing depends directly on the quality of the available data.

EJOT offers a questionnaire that contains the most important information for the determination of the screw quantity.

For the following quantities, standard constructions are assumed:

Steep roof

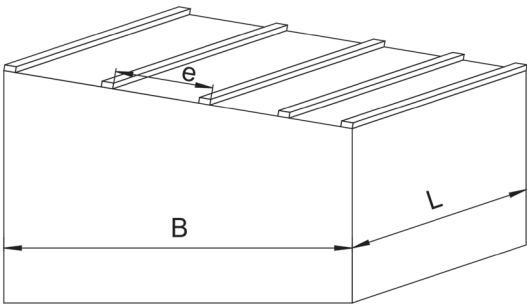
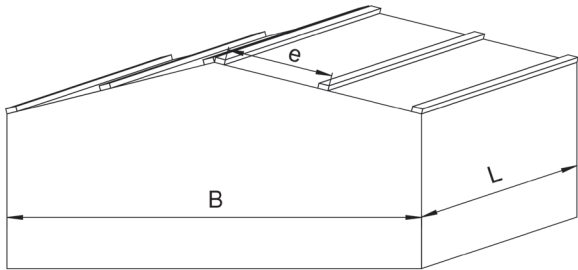
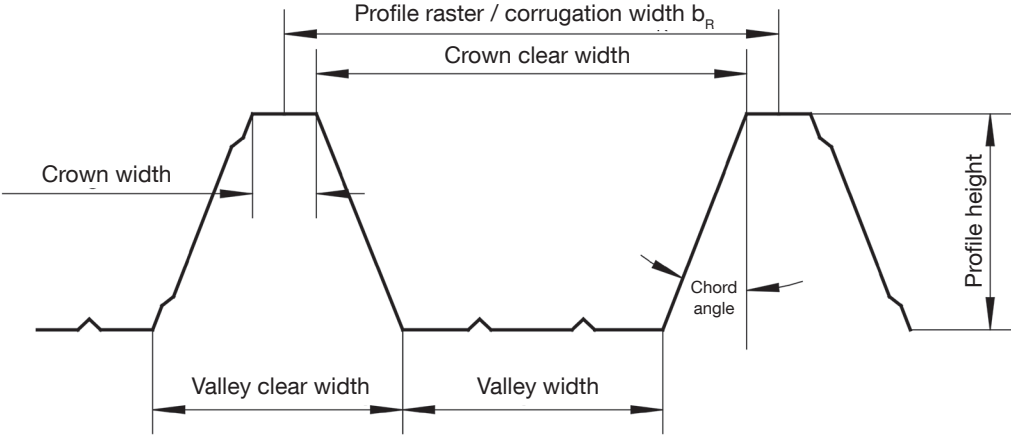
For a rough estimate of the fastener quantity it can be assumed that an average of approx.

2 fastening screws and 3 side lap screws per m² steep roof are required.

Flat roof

For a rough estimate of the fastener quantity it can be assumed that an average of approx.

4 screws per m² flat roof are required

Mono-pitched roof	Dual-pitched roof
	
<p>Designations</p> 	
<p>Mounting screws</p> $N = \left(\frac{B}{e} + 3\right) \cdot \frac{L}{2 \cdot b_R} \text{ resp. } N = \frac{L \cdot B}{2 \cdot e \cdot b_R} + \frac{3L}{2 \cdot b_R}$ $N_1 = 1,2 \cdot N$	<p>Mounting screws</p> $N = \left(\frac{B}{e} + 5\right) \cdot \frac{L}{2 \cdot b_R} \text{ resp. } N = \frac{L \cdot B}{2 \cdot e \cdot b_R} + \frac{5L}{2 \cdot b_R}$ $N_1 = 1,2 \cdot N$
<p>Side lap screws</p> $N_2 = \text{Roof- resp. wall surface [m}^2\text{]} \times 2.2 + (\text{Length of building [m]} + \text{width of building [m]}) \times 6$	



EJOT® product key for self-drilling and self-tapping screws


This is how you apply the product key on the example of an


EJOT self-drilling screw JT3-FR-2H-4.8x19 - E 11 - 9006

> with sealing washer E11

> colour version RAL 9006

Example	J	T	3	-	FR	-	2	H	-	4.8	x	19	-	E	11	-	9006
EJOT	J																
Screw type																	
Self-drilling screw		T															
EJOFAST® self-drilling screw		F															
Self-tapping screw coarse thread with point		A															
Self-tapping screw fine pitch thread with dog point		Z															
Self-tapping screw fine pitch thread with point		B															
Self-drilling screw material																	
Case-hardened steel, zinc-plated			2														
A2 stainless steel with hardened steel drill point			3														
A4 stainless steel with hardened steel drill point			6														
A2 stainless steel			4														
A4 stainless steel			9														
Self-tapping screw material																	
Stainless steel HCR (1.4529) / CORREMAKS®			1														
Zinc-plated steel			2														
A2 stainless steel			3														
A2 stainless steel with hardened steel dog point			5														
A2 stainless steel / CRONIMAKS			7														
Version																	
Standard (hexagon)																	
Truss head					FR												
Hexalobular TX drive					T												
Distance					D												
Special head geometry					X												
Countersunk head with hexalobular TX					PCS												
Countersunk flange head with hexalobular TX					STS												
Cylinder head with hexalobular TX					ZT												
Countersunk					S												
Pan head with hexalobular TX					LT												
Pan head with hexalobular TX and cutting ring					XT												
Fibre cement					FZ												
Drill point with wings (Wing Drill)					WD												
max. drillable metal thickness								[mm]									
Free spin zone under screw head								H									
Screw diameter										[mm]							
Screw length												[mm]					
Sealing washer material																	
Zinc-plated steel														V			
A2 stainless steel														E			
Aluminium														A			
Sealing washer diameter															[mm]		
Colour (4-digit RAL number)																	[RAL]

 Inherent parts of the order description

 Optional parts of the order description

Screw types

Point styles



Self-drilling screw
(JT)



Drill point with wings
(WD)



EJOFAST®
screw point geometry
(JF)



Fine pitch thread
with dog point
(JZ)

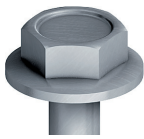


Coarse thread
with screw point
(JA)

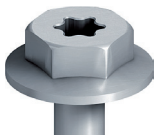


Fine pitch thread
with point
(JB)

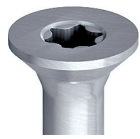
Drives



Standard
hexagon head



Hexagon head with
hexalobular TX drive

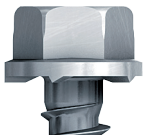


Hexalobular TX drive
(T)



Cross recess

Head geometries and versions



Special head geometry
(X)



Countersunk flange
head with hexalobular
TX (STS)



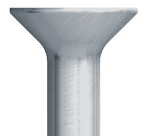
Cylinder head
with hexalobular TX
(ZT)



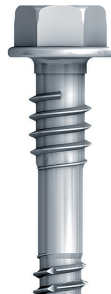
Truss head
(FR)



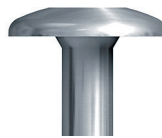
Countersunk head
with hexalobular TX
and milling ribs



Countersunk head/
Countersunk head
with hexalobular TX
(S/ST)



High thread
with distance
(D)



Pan head with
hexalobular TX
(LT)



Pan head with hexalobular
TX and cutting
ring (XT)



Fibre cement
(FZ)

National technical approvals (abZ)

National technical approvals are granted for construction products and types of construction for which there are no generally acknowledged rules of technology, DIN standards in particular, or which deviate considerably from them.

National technical approvals are granted by the Deutsche Institut für Bautechnik (DIBt) for all federal states. They are an assessment of the usability or applicability of the approval subject with regards to the building authorities requirements.

National technical test certificates (abP)

A national technical test certificate is proof of usability granted for:

- > construction products which do not necessitate the compliance with significant requirements to the safety of structural components or
- > for components that can be evaluated according to generally approved test methods (§ 19 Abs. 1 Musterbauordnung).

The building code A part 1, part 2 and part 3 lists for which product a national technical test certificate can be granted.

Only inspection authorities approved by the DIBt or another building authority are able to grant national technical test certificates.

European Technical Assessments (ETA)

European Technical Assessments are proof for the performance of a construction product within the sense of the Construction Products Directive. In Germany, ETAs are transposed by the Bauproduktengesetz (Construction Products Law). The ETA is based on tests, examinations and a technical assessment by approval bodies designated by the EU Member States for this purpose. It covers all product characteristics which are important for the fulfillment of the legal requirements in the member states, with the relevant levels of performance required being different in each member state.

A European technical approval / assessment can be granted for construction products for which harmonised specifications according to the Construction Products Directive do not (yet) exist or which deviate substantially from a harmonized standard.

Basis for the assessment of the performance are either European Assessment Documents (EAD) prepared by EOTA for the relevant product area, or criteria for assessment procedures that are agreed on with other EOTA bodies for issue of an approval of a specific request.

In the interest of the manufacturer the verifications presented to DIBt will be used as far as possible for the European procedure.

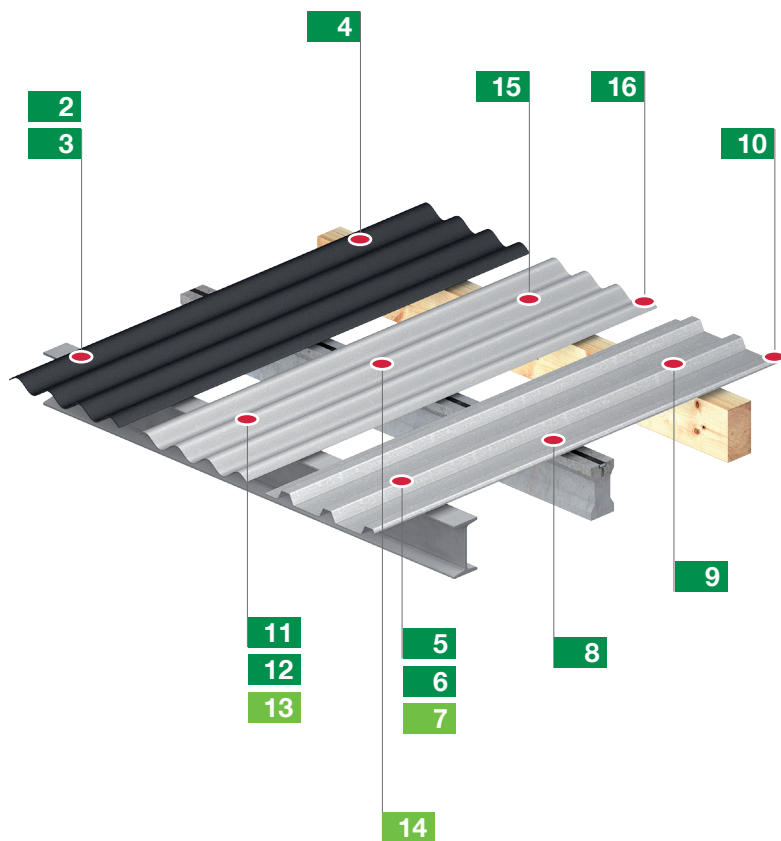
The European technical approval / assessment enables the manufacturer to place the CE marking on the construction product and thus access to the European market. With the CE marking the manufacturer confirms that he has carried out the prescribed verification method and that the conformity of the product is given with the approval.

FM Approval

In addition to national technical and European Technical Approvals, selected EJOT products also feature a product certification by the American mutual insurance company FM Global.

The FM certification recognised both in Germany and internationally ensures compliance with the strictest quality and safety requirements.

Number	Product	Contents
National technical approvals (abZ)		
Z-10.3-774	JT4-XT-3/6-6.0x21, JT4-FR-2H/6-4.8x22	EJOT JT4-XT as fastener of folded ALUCOBOND cassettes, EJOT JT4-FR for fastening plain ALUCOBOND panels
Z-21.2-1652	EJOT VSD cavity wall repair anchor	For subsequent installation of outer sheets
Z-21.8-1265	KERI rainscreen anchor	For securing the rain screen of three-layer external wall panels
Z-14.4-426	JT3-2-6.0xL, JT3-X-2-6.0xL, JT3-ST-2-6.0xL, JT2-ST-2-6.0xL, JF3-42-5.5xL, JB3-7.2xL	Fasteners for clips and linear components and other components made of steel and aluminium
Z-14.4-532	Solar Fastener	Fastener for solar systems
Z-14.1-421	JT3-2H-40-6.0/6.0x64, JT3-2H-80-6.0/6.0x104	Isover Metac wall cassette system
National technical test certificates (abP)		
P-BWU02-178006	JT9-2/5-5.0x25 VARIO, JT6-2/5-5.0x30 VARIO	Fixing aluminium or stainless steel wall brackets to substructures made of aluminium support profiles for rear-ventilated external wall cladding according to DIN 18516-1
P-BWU02-148004	JT4(9)-3H/5-5.5x19, JT4(9)-3H/7-5.5x21	Fixing aluminium or stainless steel wall brackets to substructures made of aluminium support profiles for rear-ventilated external wall cladding according to DIN 18516-1
P-BWU02-168012	JT4-S-2-4.8xL	Fixing timber panels to substructures made of aluminium support profiles for regulated rear-ventilated external wall claddings according to DIN 18516-1
P-S 18 0447	JT4-LT-XT-3/6-5.5x21 KD16, LT-XT centring bushes	Fixing plain aluminium composite panels to aluminium substructures
European Technical Approvals / Assessments (ETA)		
ETA-10/0305	SDF-S-10V, SDF-KB-10V, SDF-S-10H, SDF-KB-10H	Nylon anchors for multiple fixing of non-load-bearing systems into concrete and masonry
ETA-12/0502	SDP-S-10G, SDP-KB-10G	Nylon anchors for multiple fixing of non-load-bearing systems into concrete and masonry
ETA-15/0027	SDF-S-14A, SDF-KB-14A	Nylon anchors for multiple fixing of non-load-bearing systems into concrete and masonry
ETA-15/0387	SDF-S-8V, SDF-KB-8V	Nylon anchors for multiple fixing of non-load-bearing systems into concrete and masonry
ETA-01/0011	LIEBIG Superplus BLS M8, M12, M16	Torque-controlled self-undercutting anchor made of galvanically zinc-plated steel or A4 stainless steel for usage in concrete
ETA-04/0098	LIEBIG Ultraplus	Deformation-controlled self-undercutting anchor made of galvanically zinc-plated steel or A4 stainless steel for usage in concrete
ETA-06/0108	LIEBIG safety bolt	Torque-controlled expansion anchor made of galvanically zinc-plated steel for usage in concrete
ETA-13/0441	LAL+ anchor M6, M8, M10	Deformation-controlled expansion anchor sized M6, M8 and M10 for the usage as multiple fixing of non-load-bearing systems in concrete
ETA-13/0442	LAL+ anchor M8, M10, M12, M16	Deformation-controlled expansion anchor sized M8, M10, M12 and M16 for single fixing in non-cracked concrete
ETA-16/0089	EJOT MULTIFIX USF, EJOT MULTIFIX USF Winter	Injection system for installation in masonry. Anchor rods M8 - M16
ETA-16/0107	EJOT MULTIFIX USF, EJOT MULTIFIX USF Winter	Approval for the installation in concrete
ETA-17/0835	JC2 concrete screw	Approval for single fastening in cracked and non-cracked concrete
ETA-18/0219	BA-V Plus, BA-F Plus, BA-E Plus BA-E Plus HCR	Force-controlled expansion anchors for embedment in cracked concrete
ETA-18/0221	JC2 concrete screw	Approval for multiple fastening of non-load-bearing systems in concrete and pre-stressed hollow core slabs.
ETA-18/0861	MULTIFIX USF, USF Winter	Supplementary approval for the installation of M8 and M10 anchor rods in cracked concrete
ETA-07/0013	All flat roof products	Fastening elements for roofing membrane systems
ETA-08/0040	Powder-actuated fasteners	SPIT powder-actuated fastener HSBR 14, HSBR 14 Tube and HSBR 14 Strip in combination with the SPIT installation tools P230, P230L, P525L and P560 for fastening steel sheets to steel substructures
ETA-13/0177	Fastening screws for sandwich profiles	Fastening screws JA, JZ, JT and JF
ETA-10/0200	Fastening screws for components + sheet metal	Fastening screw JA, JB, JT, JZ and JF



Single-sheet profile roof

Description

Single-sheet uninsulated profile roof, purlin design. The roof cladding is directly fastened to the purlins and it is weather-exposed.

Application

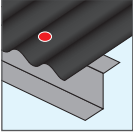
- > Roof overhangs
- > Sheds
- > Carports

Determination of the screw lengths

h = height of trapezoidal or corrugated profile, L = screw length

Profiled sheet to steel substructure						Profiled sheet to insertion rail		Profiled sheet to timber substructure	
1.5 - 5.0 mm		4.0 - 12.0 mm		≥ 10.0 mm		3.0 mm		Min. width 60 mm	
JT3-6-5.5xL-E16 + ORKAN storm washer		JT3-12-5.5xL-E16 + ORKAN storm washer		JZ3-6.3xL-E16 + ORKAN storm washer		JZ3-6.3xL-E16 + ORKAN storm washer		JF3-6.8xL-E16 + ORKAN storm washer	
h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
-	-	-	-	0 - 30	50	25 - 33	50	-	40
-	-	-	-	3 - 44	64	39 - 47	64	0 - 10	60
18 - 44	70	19 - 43	78	19 - 60	80	55 - 63	80	0 - 30	80
38 - 64	90	39 - 63	98	29 - 70	90	65 - 73	90	20 - 50	100
58 - 84	110	59 - 83	118	39 - 80	100	75 - 83	100	40 - 70	120
78 - 104	130	79 - 103	138	54 - 95	115	90 - 98	115	60 - 90	140
98 - 124	150	99 - 123	158	64 - 105	125	100 - 108	125	80 - 110	160
118 - 144	170	119 - 143	178	74 - 115	135	110 - 118	135	100 - 130	180
138 - 164	190	139 - 163	198	89 - 130	150	125 - 133	150	120 - 150	200
-	-	-	-	114 - 155	175	150 - 158	175	140 - 170	220
-	-	-	-	139 - 180	200	175 - 183	200	160 - 190	240
-	-	-	-	-	-	-	-	180 - 210	260
-	-	-	-	-	-	-	-	200 - 230	280
-	-	-	-	-	-	-	-	220 - 250	300

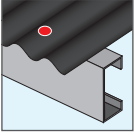
2 P. 64
 Fibre cement board to 1.5-5.0 mm steel purlin



Self-drilling screw
JT2-FZ-6-6.3



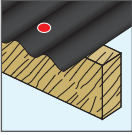
3 P. 65
 Fibre cement board to 4.0-12.0 mm steel purlin



Self-drilling screw
JT2-FZ-12-6.3



4 P. 66
 Fibre cement board to timber purlin min. width 65 mm

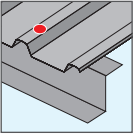


Self-drilling screw
JT2-FZ-F-6.5


U



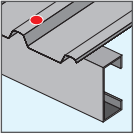
5 P. 86
 Trapezoidal profile to 1.5-5.0mm steel purlin




Self-drilling screw
JT3-6-5.5xL-E16
 + Storm washer



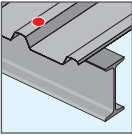

6 P. 90
 Trapezoidal profile to steel purlin 4.0-12.0mm




Self-drilling screw
JT3-12-5.5xL-E16
 + Storm washer



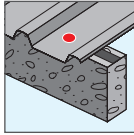

7 P. 137
 Trapezoidal profile to steel purlin ≥ 10.0 mm




Self-tapping screw
JZ3-6.3xL-E16
 + Storm washer



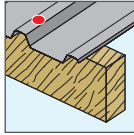

8 P. 87
 Trapezoidal profile to 3.0 mm insertion rail




Self-drilling screw
JT3-6-5.5x25-E22



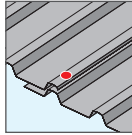

9 P. 76
 Trapezoidal profile to timber purlin min. width 60 mm




Self-drilling screw
JF3-6.8xL-E16
 + Storm washer



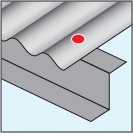

10 P. 71
 Side lap stitching trapezoidal profile ≤ 2 x 0.88 mm




Side lap screw
JF3-2H-4.8x19-E14



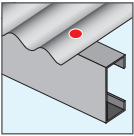

11 P. 86
 Corrugated profile sheet to 1.5-5.0 mm steel purlin




Self-drilling screw
JT3-6-5.5xL-E16
 + Storm washer



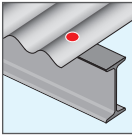

12 P. 90
 Corrugated profile sheet to 4.0-12.0 mm steel purlin




Self-drilling screw
JT3-12-5.5xL-E16
 + Storm washer



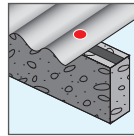

13 P. 137
 Corrugated profile sheet to steel purlin ≥ 10.0 mm




Self-tapping screw
JZ3-6.3xL-E16
 + Storm washer



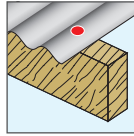

14 P. 137
 Corrugated profile sheet to 3.0 mm insertion rail




Self-tapping screw
JZ3-6.3xL-E16
 + Storm washer



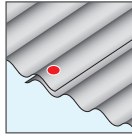

15 P. 76
 Corrugated profile sheet to timber purlin min. width 60 mm




Self-drilling screw
JF3-6.8xL-E16
 + Storm washer

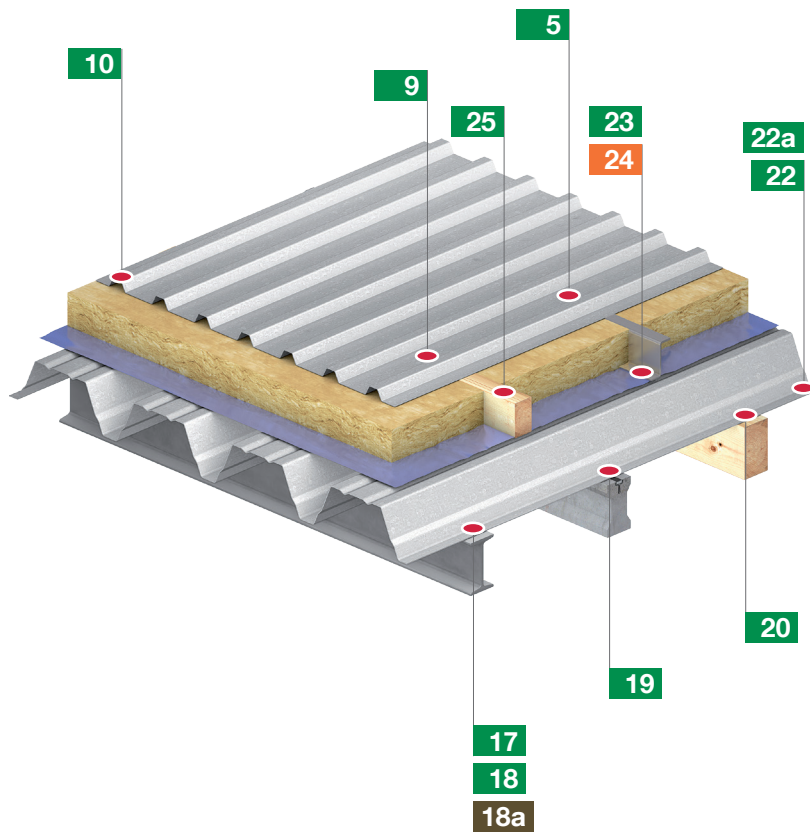



16 P. 82
 Side lap stitching of corrugated profile sheet



Self-drilling screw
JT3-FR-2H-Plus-5.5x25-E11



Double-sheet profiled roof

Description

At first the load-bearing shell is fastened to the steel or wooden slats inside. The external roof shell is kept apart through thin-walled spacers. The external roof shell serves for weather protection, the internal load-bearing shell for load bearing.

Application

> Heated buildings of all kind and scope

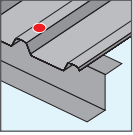
Determination of the screw lengths

h = height of trapezoidal or corrugated profile, L = screw length


Profiled sheet to steel substructure						Profiled sheet to insertion rail		Profiled sheet to timber substructure	
1.5 - 5.0 mm		4.0 - 12.0 mm		≥ 10.0 mm		3.0 mm		Min. width 60 mm	
JT3-6-5.5xL-E16 + ORKAN storm washer		JT3-12-5.5xL-E16 + ORKAN storm washer		JZ3-6.3xL-E16 + ORKAN storm washer		JZ3-6.3xL-E16 + ORKAN storm washer		JF3-6.8xL-E16 + ORKAN storm washer	
h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
-	-	-	-	0 - 30	50	25 - 33	50	-	40
-	-	-	-	3 - 44	64	39 - 47	64	0 - 10	60
18 - 44	70	19 - 43	78	19 - 60	80	55 - 63	80	0 - 30	80
38 - 64	90	39 - 63	98	29 - 70	90	65 - 73	90	20 - 50	100
58 - 84	110	59 - 83	118	39 - 80	100	75 - 83	100	40 - 70	120
78 - 104	130	79 - 103	138	54 - 95	115	90 - 98	115	60 - 90	140
98 - 124	150	99 - 123	158	64 - 105	125	100 - 108	125	80 - 110	160
118 - 144	170	119 - 143	178	74 - 115	135	110 - 118	135	100 - 130	180
138 - 164	190	139 - 163	198	89 - 130	150	125 - 133	150	120 - 150	200
-	-	-	-	114 - 155	175	150 - 158	175	140 - 170	220
-	-	-	-	139 - 180	200	175 - 183	200	160 - 190	240
-	-	-	-	-	-	-	-	180 - 210	260
-	-	-	-	-	-	-	-	200 - 230	280
-	-	-	-	-	-	-	-	220 - 250	300

5 P. 86

Trapezoidal profile to 1.5-5.0mm steel purlin

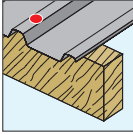


Self-drilling screw
JT3-6-5.5xL-E16
+ Storm washer





9 P. 76

Trapezoidal profile to timber purlin min. width 60 mm




Self-drilling screw
JF3-6.8xL-E16
+ Storm washer





10 P. 71

Side lap stitching trapezoidal profile $\leq 2 \times 0.88$ mm

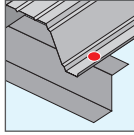


Side lap screw
JF3-2H-4.8x19-E14





17 P. 60

Load-bearing shell to 1.5-6.0 mm steel purlin

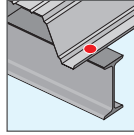


Self-drilling screw
JT2-6-5.5xL-V16





18 P. 62

Load-bearing shell to 4.0-12.0 mm steel purlin

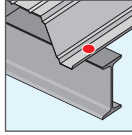


Self-drilling screw
JT2-12-5.5xL-V16





18a P. 133

Load-bearing shell to steel purlin ≥ 6.0 mm

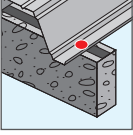


Powder-actuated fastener
HSBR-14





19 P. 60

Load-bearing shell to 3.0 mm inser-tion rail

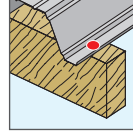


Self-drilling screw
JT2-6-5.5x25-V16





20 P. 84

Load-bearing shell to timber purlin min. width 65 mm

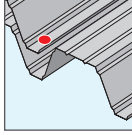


Self-drilling screw
JT3-2-6.5xL-E16





22 P. 57

Side lap stitching load-bearing shell $\leq 2 \times 0.88$ mm

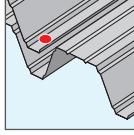


Side lap screw
JF2-2H-4.8x19





22a P. 58

Side lap stitching load-bearing shell $2 \times 1.0-2 \times 1.5$ mm

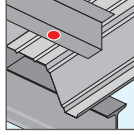


Self-drilling screw
JT2-3-4.8x19





23 P. 81

Steel spacer 1.5-2.0 mm to load-bearing shell

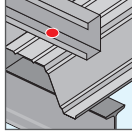


Self-drilling screw
JT3-2H-Plus-5.5xL-E16




24 P. 168

Steel spacer > 1.5 mm to load-bearing shell



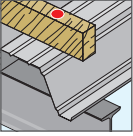
Bulb-tite rivet
ECORIV Alu 5.2xL

U




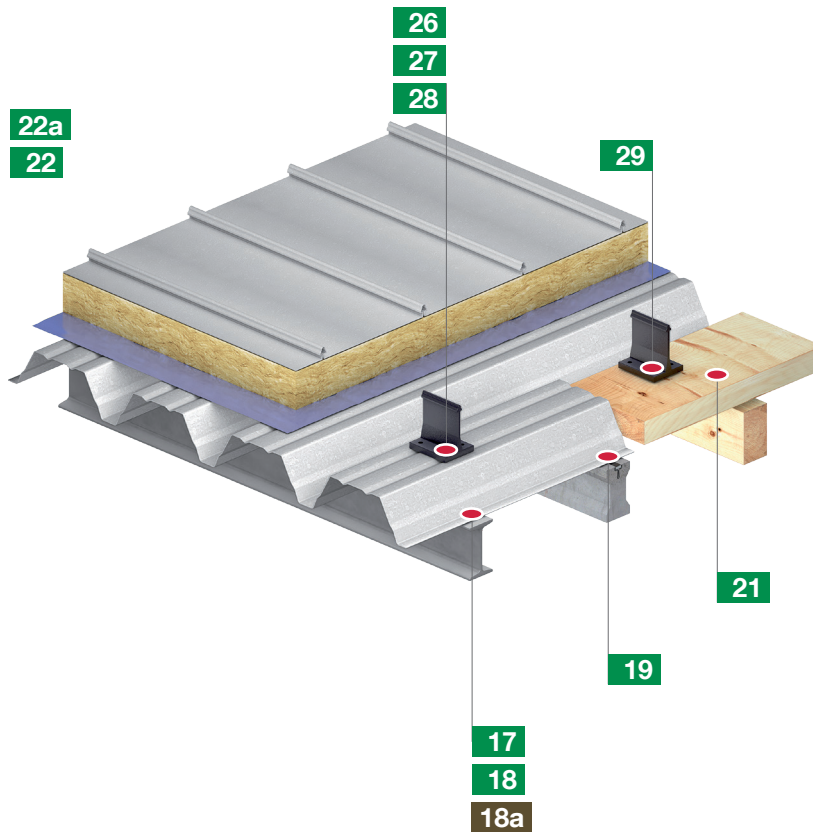
25 P. 93

Wooden spacer to load-bearing shell



Self-drilling screw
JT3-ST-2-6.0xL



Double-sheet roof with seam or clamping profile

Description

At first the load-bearing shell is fastened to the steel or wooden slats inside. The clips for fixing standing seam systems are fastened with self-drilling screws, either directly to the load-bearing shell or indirectly to an additional spacer. The outer sheet is fixed to the clips with a folding machine.

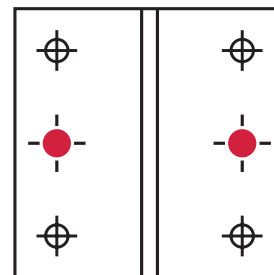
Application

- > Heated buildings of all kind and scope
- > Arched roofs
- > Barrel roofs

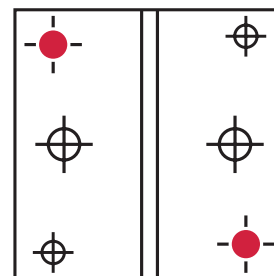
Note

The JT3-X-2-6.0xL self-drilling screw is a building authorities approved product to fasten clips to substructures made of steel, timber or aluminium. Every clip has to be fixed with 2 screws in the order depicted below. The special feature of the screw are the grooves under the head. They are able to considerably increase the stripping torque, which leads to an increased installation reliability. Sealing washers have to be used for set-up 1.

Position of the fastening elements

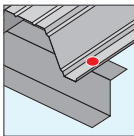


Set-up 1 (sealing washers must be used)




Set-up 2

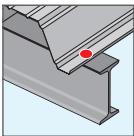
17 P. 60
Load-bearing shell to 1.5-6.0 mm steel purlin




Self-drilling screw
JT2-6-5.5xL-V16



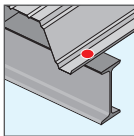

18 P. 62
Load-bearing shell to 4.0-12.0 mm steel purlin




Self-drilling screw
JT2-12-5.5xL-V16



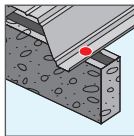

18a P. 133
Load-bearing shell to steel purlin ≥ 6.0 mm




Powder-actuated fastener **HSBR-14**



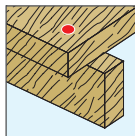

19 P. 60
Load-bearing shell to 3.0 mm insertion rail




Self-drilling screw
JT2-6-5.5x25-V16



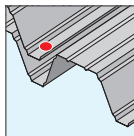

21 P. 93
Roof boarding/ OSB to timber purlin min. width 65 mm




Self-drilling screw
JT3-ST-2-6.0xL



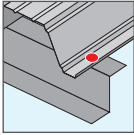

22 P. 57
Side lap stitching load-bearing shell ≤ 2 x 0.88 mm




Side lap screw
JF2-2H-4.8x19



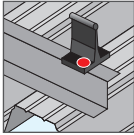

22a P. 58
Side lap stitching load-bearing shell 2 x 1.0-2 x 1.5 mm




Self-drilling screw
JT2-3-4.8x19



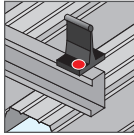

26 P. 101
Clip to spacer ≤ 1.5 mm




Self-drilling screw
JT3-X-2-6.0xL



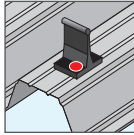

27 P. 86
Clip to spacer 1.5-5.0 mm




Self-drilling screw
JT3-6-5.5xL



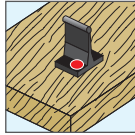

28 P. 74
Clip to trapezoidal profile ≤ 2 x 1.0 mm




Thin sheet metal screw
JF3-2-5.5xL-E16




29 P. 101
Clip to roof boarding / OSB



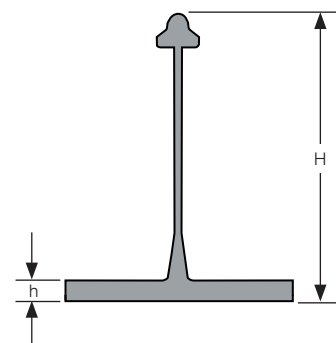
Self-drilling screw
JT3-X-2-6.0xL

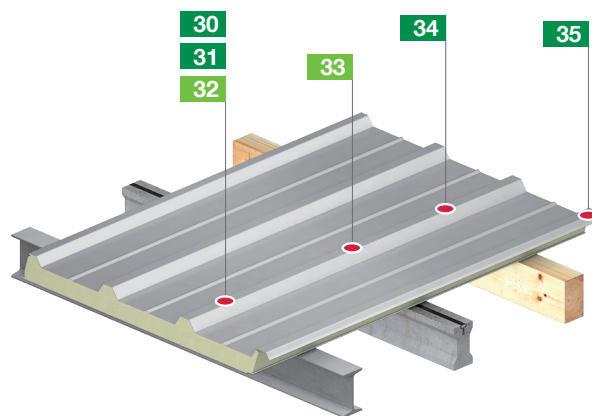



Determination of the screw lengths

h = dedendum of the clip, L = screw length

Clip on steel substructure		Clip on roof boarding / OSB boards			
JT3-X-2-6.0xL		JT3-6-5.5xL		JT3-X-2-6.0xL	
h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
0 - 10	25	0 - 5	25	0 - 5	36
0 - 20	36	0 - 10	30	0 - 15	46
0 - 30	46	0 - 15	35	-	-
-	-	20 - 30	50	-	-





Tin tile roof

Description

Single-shell uninsulated profile roof, purlin design. The roof cladding is fastened to wooden slats and it is weather-exposed.

Application

- > Roof overhangs
- > Sheds
- > Carports

Sandwich panel roof

Description

Sandwich panels are composite elements. They consist of two metallic layers that are usually connected with polyurethane foam so they are shear-resistant. Sandwich panels are fastened directly to the substructure. The following element is pushed to the assembled element from the side and then fastened.

Application

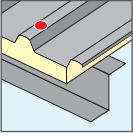
- > Heated buildings of all kind and scope

Determination of the screw lengths


h = height sandwich panel or corrugated profile, L = screw length

Sandwich panel to steel substructure						Sandwich panel to insertion rail		Sandwich panel to timber substructure	
1.5 - 5.0 mm		4.0 - 16.0 mm		≥ 16.0 mm		3.0 mm		Min. width 60 mm	
JT3-6-5.5xL-E16 + ORKAN storm washer		JT3-18-5.5xL-E16 + ORKAN storm washer		JZ3-6.3xL-E16 + ORKAN storm washer		JZ3-6.3xL-E16 + ORKAN storm washer		JF3-6.8xL-E16 + ORKAN storm washer	
h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
-	-	-	-	40	50	25 - 33	50	-	65
-	-	-	-	40	64	39 - 47	64	-	80
20 - 40	70	-	-	40 - 55	80	55 - 63	80	20 - 45	100
40 - 60	90	40 - 60	115	40 - 70	90	65 - 73	90	40 - 65	120
60 - 80	110	80 - 100	155	40 - 80	100	75 - 83	100	60 - 85	140
80 - 100	130	120 - 140	195	50 - 95	115	90 - 98	115	80 - 105	160
100 - 120	150	160 - 180	235	60 - 105	125	100 - 108	125	100 - 125	180
120 - 140	170	200 - 220	275	70 - 115	135	110 - 118	135	120 - 145	200
140 - 160	190	-	-	90 - 130	150	125 - 133	150	140 - 165	220
-	-	-	-	100 - 145	165	150 - 158	175	160 - 185	240
-	-	-	-	110 - 155	175	175 - 183	200	180 - 205	260
-	-	-	-	140 - 180	200	-	-	200 - 225	280
-	-	-	-	160 - 200	220	-	-	220 - 245	300
-	-	-	-	210 - 250	270	-	-	-	-

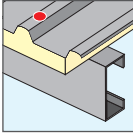
30 P. 86
Sandwich panel to 1.5-5.0 mm steel purlin




Self-drilling screw
JT3-6-5.5xL-E16
+ Storm washer



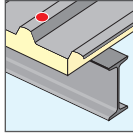

31 P. 92
Sandwich panel to 4.0-16.0 mm steel purlin




Self-drilling screw
JT3-18-5.5xL-E16
+ Storm washer



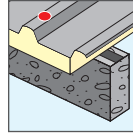

32 P. 137
Sandwich panel to steel purlin ≥ 16.0 mm




Self-tapping screw
JZ3-6.3xL-E16
+ Storm washer



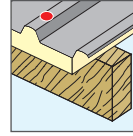

33 P. 137
Sandwich panel to 3.0 mm insertion rail




Self-tapping screw
JZ3-6.3xL-E16
+ Storm washer



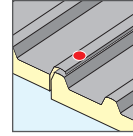

34 P. 76
Sandwich panel to timber purlin min. width 60 mm




EJOFAST® wood screw
JF3-6.8xL
+ Storm washer



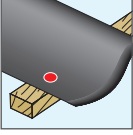

35 P. 71
Side lap stitching sandwich panel




Side lap screw
JF3-2H-4.8x19-E14



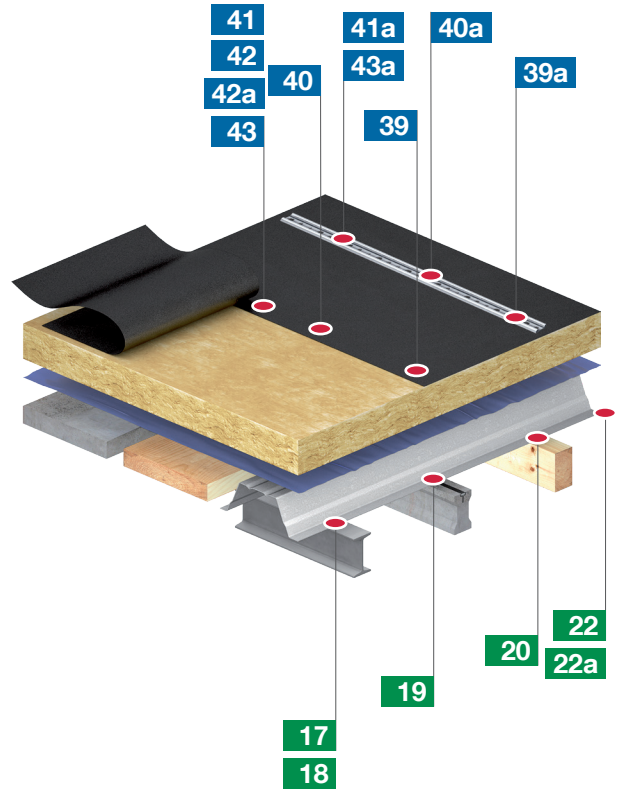
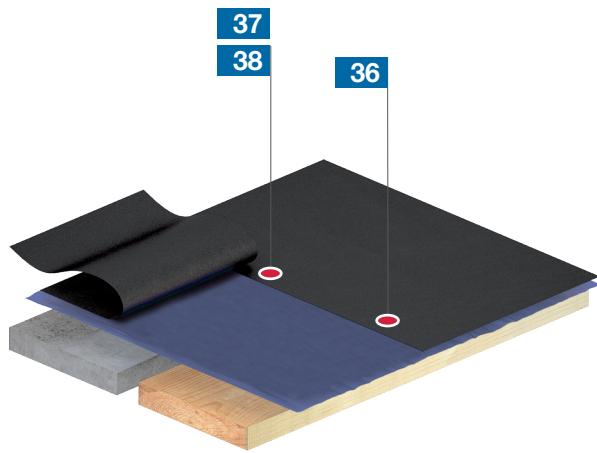

1 P. 84
Roofing sheet to timber sub-structure



Self-drilling screw
JT3-2-6.5xL-E16




- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools



Flat roof with waterproof membrane (uninsulated or insulated)

Description

Roof surfaces with a pitch below 5° are flat roofs. They should have a minimum inclination of 2% (DIN 18531 waterproofing of roofs - sealings for non-utilised roofs).

Design engineering

The most common design is the single-sheet, non-ventilated flat roof. Layer design of the non-ventilated flat roof (warm roof):

- > Sealing (if required with separation layer)
- > Thermal insulation
- > Vapour barrier sheeting
- > Structural deck (e.g. trapezoidal steel sheet)

Mechanical fixing

The system of loose laying with mechanical fixing of roof sealings as an economic flat roof system is well established especially in industrial construction. Special positive characteristics of mechanical fixing are:

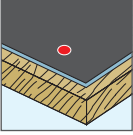
- > Immediately usable fixing without waiting time
- > Fixing in one work step
- > Specified type of fixing
- > No restrictions due to building use or surface condition
- > Manual or mechanical installation process

Depending on the flat roof construction and the insulating materials / sealing strips used therein, fasteners with combinations of metal and plastic stress plates are used. In case of renovation the currently valid flat roof guidelines require the use of corrosion resistant fasteners. For this case, stainless steel fasteners are available. As a rule, all steel fasteners are Climadur coated and meet the high corrosion protection requirements of ETAG 006 after 15 Kesternich cycles.


The proper usability of all fasteners for mechanical flat roof fixing are building authorities regulated within Europe by the ETA-07/0013. In case of renovations or substrate with unknown carrying capacity the ETAG 006 calls for on-site pull-out tests. Our on-site service team will gladly assist you with this.

According to VOB, fasteners made of stainless steel are generally to be used!

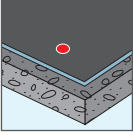
36 P. 209
Waterproofing membrane to roof boarding / OSB




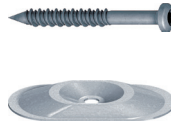
Dabo® screw
VHT-R-4.8xL
+ HTV-40 RU



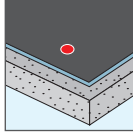

37 P. 213
Waterproofing membrane to concrete





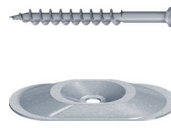
Concrete screw
FBS-R-6.3xL
+ HTV 82/40 F

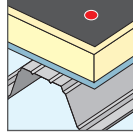
38 P. 215
Waterproofing membrane to aerated concrete




Aerated concrete screw
FPS-E-8.0xL
+ HTV 82/40 F

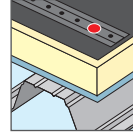
39 P. 206
Waterproofing membrane with insulation to trap-ezoidal profile




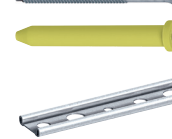
Dabo® screw
TKR-4.8xL
+ HTK 2GxL



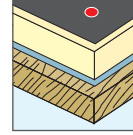

39a P. 206
Waterproofing membrane with insulation to trap-ezoidal profile




Dabo® screw
TKR-4.8xL+HTK-S
+ flat roof profile FP

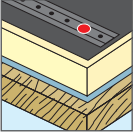
40 P. 209
Waterproofing membrane with insulation to roof boarding / OSB




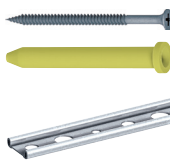
Dabo® screw
VHT-R-4.8xL
+ HTK 2GxL



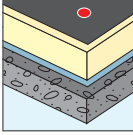

40a P. 209
Waterproofing membrane with insulation to roof boarding / OSB




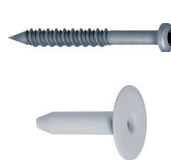
Dabo® screw
VHT-R-4.8xL + HTK-S
+ flat roof profile FP

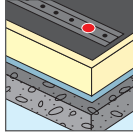
41 P. 213
Waterproofing membrane with insulation to concrete




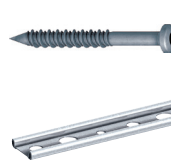
Concrete screw
FBS-R-6.3xL
+ EcoTek 50xL

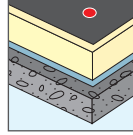
41a P. 213
Waterproofing membrane with insulation to concrete




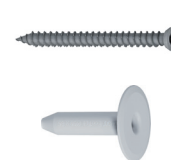
Concrete screw
FBS-R-6.3xL
+ flat roof profile FP

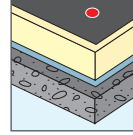
42 P. 214
Waterproofing membrane with insulation to concrete





Concrete screw
JBS-R-7.5xL
+ EcoTek 50xL

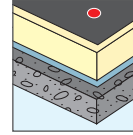
42a P. 235
Waterproofing membrane with insulation to concrete and lightweight concrete





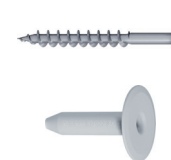
Flat roofing anchors
FDD-Plus-50

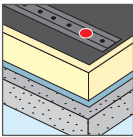

43 P. 215
Waterproofing membrane with insulation to aerated concrete





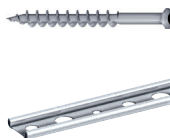
Concrete screw
FPS-E-8.0xL
+ EcoTek 50xL

43a P. 215
Waterproofing membrane with insulation to aerated concrete



Concrete screw
FPS-E-8.0xL
+ flat roof profile FP



Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

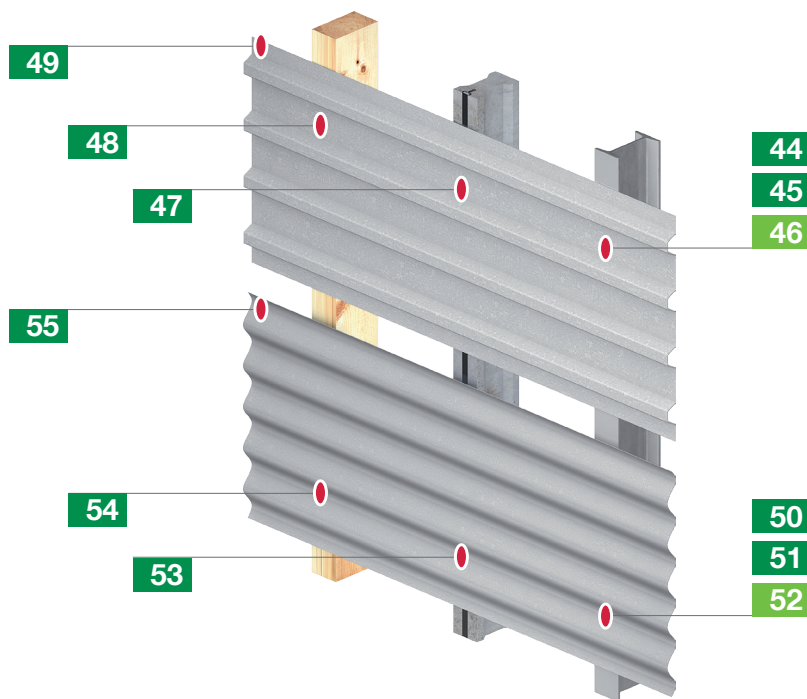
Nylon Expansion
Anchoring
Technology

Metal + Chemical
Anchors

Window / Glass
Facade Screws

Accessories

Machinery
Spare Parts
Tools



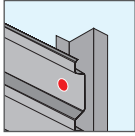

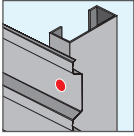

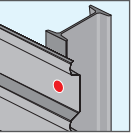

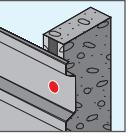

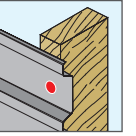

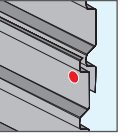







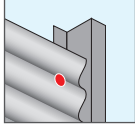

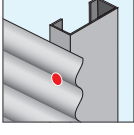

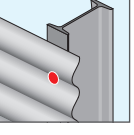

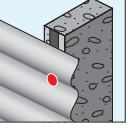

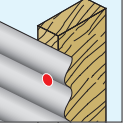

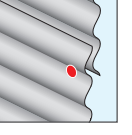







Single-sheet profiled wall

Description

The trapezoidal profile is directly fastened to the post or rail and it is weather-exposed.

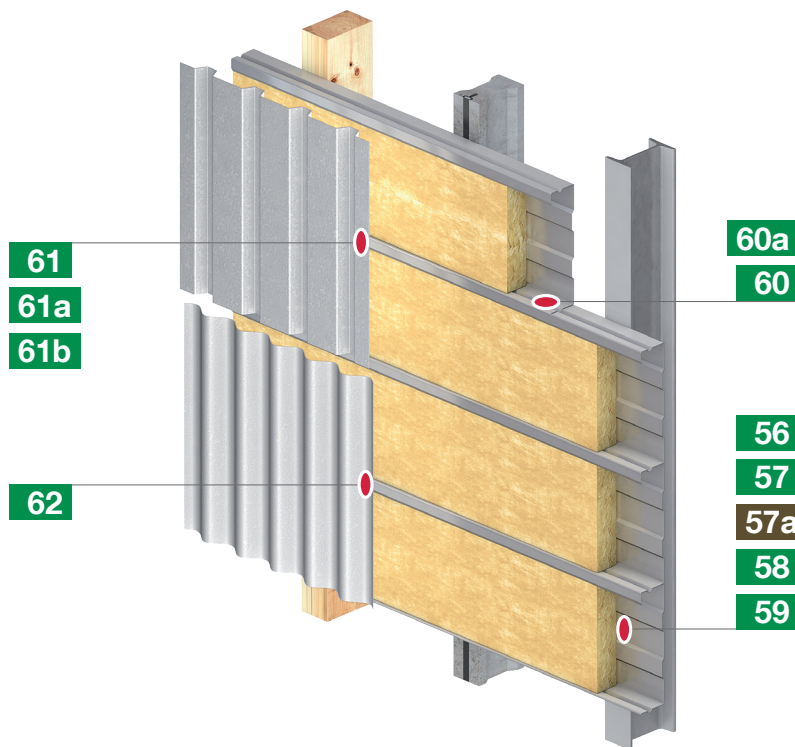
Application

- > Simple sheds
- > Carports
- > Bicycle sheds

<p>44 P. 86</p> <p>Trapezoidal profile to steel purlin 1.5-5.0 mm</p>  <p>Self-drilling screw JT3-6-5.5xL-E16</p> 	<p>45 P. 90</p> <p>Trapezoidal profile to steel purlin 4.0-12.0mm</p>  <p>Self-drilling screw JT3-12-5.5xL-E16</p> 	<p>46 P. 137</p> <p>Trapezoidal profile to steel purlin ≥ 10.0 mm</p>  <p>Self-tapping screw JZ3-6.3xL-E16</p> 	<p>47 P. 87</p> <p>Trapezoidal profile to 3.0 mm insertion rail</p>  <p>Self-drilling screw JT3-6-5.5x25-E22</p> 	<p>48 P. 84</p> <p>Trapezoidal profile to timber purlin min. width 65 mm</p>  <p>Self-drilling screw JT3-2-6.5xL-E16</p> 	<p>49 P. 71</p> <p>Side lap stitching trapezoidal profile $\leq 2 \times 0.88$ mm</p>  <p>Side lap screw JF3-2H-4.8x19-E14</p> 
					
<p>50 P. 88</p> <p>Corrugated aluminium profile sheet to 1.5-5.0 mm steel purlin</p>  <p>Self-drilling screw JT3-FR-6-5.5xL-E11</p> 	<p>51 P. 89</p> <p>Corrugated aluminium profile sheet to 4.0-12.0 mm steel purlin</p>  <p>Self-drilling screw JT3-FR-12-5.5xL-E11</p> 	<p>52 P. 137</p> <p>Corrugated aluminium profile sheet* to steel purlin ≥ 10.0 mm</p>  <p>Self-tapping screw JZ3-6.3xL-E16 *18/76 with E14</p> 	<p>53 P. 88</p> <p>Corrugated aluminium profile sheet to 3.0 mm insertion rail</p>  <p>Self-drilling screw JT3-FR-6-5.5x25-E11</p> 	<p>54 P. 80</p> <p>Corrugated aluminium profile sheet to timber purlin min. width 65 mm</p>  <p>Self-drilling screw JT3-FR-2-4.9x35-E11</p> 	<p>55 P. 71</p> <p>Side lap stitching of corrugated aluminium profile sheet $\leq 2 \times 0.88$ mm</p>  <p>Side lap screw JF3-2H-4.8x19-E14</p> 
					

- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools





Profiled wall with cassette structure

Description

The cassette is directly fastened to steel supports. The outer sheet is fastened to the cassette bars and does not only serve as weather protection but also as bracing for the cassettes. The cassette wall positively serves as noise and fire protection. The insulating properties of a cassette wall are not as good compared to other types of construction.

Application

- > Heated buildings
- > Buildings with high noise level
- > Buildings with increased demands on fire protection
- > Buildings with heat from production processes

Note

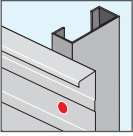
The fastening elements may only be mounted max. 75 mm away from the cassette bars. The fastener in the middle of the cassette does not serve for load-transmission, but it has only a structural character.

The closer the longitudinal seam screw is positioned to the valley the more effective condensation problems can be prevented. The corrugation bridges are not a positioning aids for the side lap stitching of cassettes.


The approval for the fasteners for cassette wall structures includes a joint, where component II consists of two overlapping profiled sheets. This leads to an improved load-carrying capacity.

56 P. 60

Cassette to 1.5-5.0 mm steel purlin

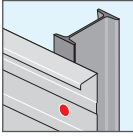


Self-drilling screw
JT2-6-5.5xL-V16





57 P. 62

Cassette to 4.0-12.0 mm steel purlin

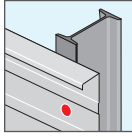


Self-drilling screw
JT2-12-5.5xL-V16





57a P. 133

Cassette to steel purlin ≥ 6.0 mm

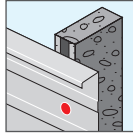


Powder-actuated fastener
HSBR-14





58 P. 60

Cassette to 3.0 mm insertion rail

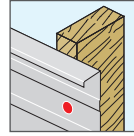


Self-drilling screw
JT2-6-5.5x25-V16





59 P. 76

Cassette to timber purlin min. width 60 mm

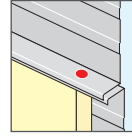


Self-drilling screw
JF3-6.8xL-E16





60 P. 71

Cassette side lap stitching $\leq 2 \times 0.88$ mm

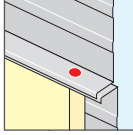


Side lap screw
JF3-2H-4.8x19-E14





60a P. 58

Cassette side lap stitching $2 \times 1.0-2 \times 1.5$ mm

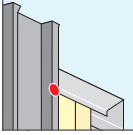


Self-drilling screw
JT2-3-4.8x19





61 P. 81

Trapezoidal profile to $2 \times 0.63-2 \times 1.25$ mm cassette

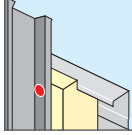


Self-drilling screw
JT3-2H-Plus-5.5xL-E16





61a P. 103

Trapezoidal and top-hat profile on 40 mm insulated cassette

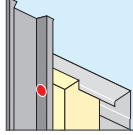


Self-drilling screw
JT3-2H-40-6.0/6.0x64 E16





61b P. 103

Trapezoidal and top-hat profile on 80 mm insulated cassette

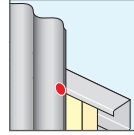


Self-drilling screw
JT3-2H-80-6.0/6.0x64 E16





62 P. 82

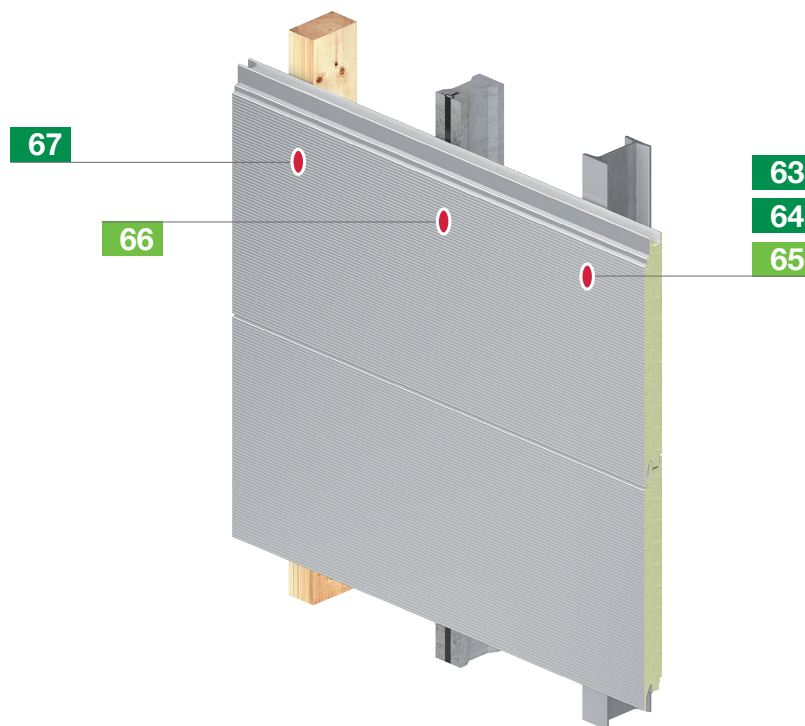
Corrugated profile sheet to $2 \times 0.63-2 \times 1.25$ mm cassette



Self-drilling screw
JT3-FR-2H-Plus-5.5xL-E11




- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools



Wall with sandwich panels

Description

Sandwich panels are composite elements. They consist of two metallic layers that are usually connected with polyurethane foam so they are shear-resistant. The ratio of weight to load-carrying capacity is unbeatable. Sandwich panels are fastened directly to the substructure. The following element is pushed to the assembled element from the side and then fastened.

Application

> Heated buildings of all size and scope

Note

When using screws with high thread (JT3-D) indentations at the fixing points of sandwich panels can be reduced.

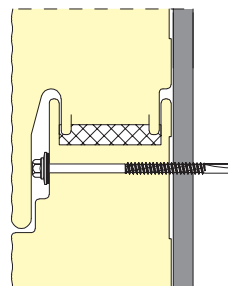


Fig. 1
Not visible sandwich panel installation

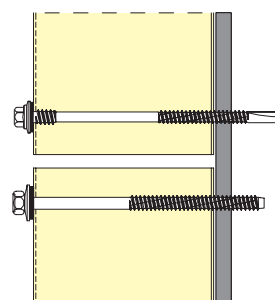
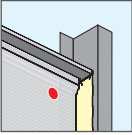
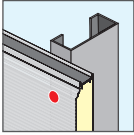
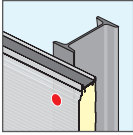
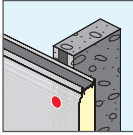
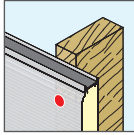




















Fig. 2
Visible sandwich panel installation

- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools

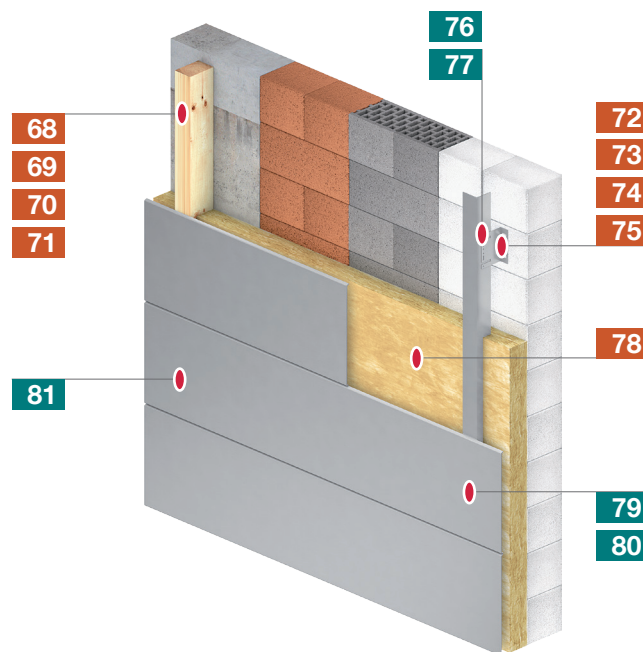


63 P. 96	64 P. 92	65 P. 137	66 P. 137	67 P. 76
Sandwich panel to 1.5-5.0 mm steel purlin	Sandwich panel to 4.0-16.0 mm steel purlin	Sandwich panel to steel purlin ≥ 16.0 mm	Sandwich panel to 3.0 mm insertion rail	Sandwich panel to timber purlin min. width 60 mm
				
Self-drilling screw JT3-D-6H-5.5/6.3xL-E19	Self-drilling screw JT3-18-5.5xL-E16	Self-tapping screw JZ3-6.3xL-E19	Self-tapping screw JZ3-6.3xL-E19	EJOFAST® wood screw JF3-6.8xL-E19
  	 	  	  	 
				

Determination of the screw lengths

h = height sandwich panel, L = screw length

Sandwich panel to steel substructure				Sandwich panels to insertion rail				Sandwich panel to timber substructure	
1.5 - 5.0 mm		4.0 - 16.0 mm		≥ 16.0 mm		3.0 mm		Min. width 60 mm	
JT3-D-6H-5.5/6.3xL-E19		JT3-18-5.5xL-E16		JZ3-6.3xL-E19		JZ3-6.3xL-E19		JF3-6.8xL-E16	
h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
-	-	-	-	0 - 30	50	25 - 33	50	-	-
35 - 40	67	-	-	3 - 44	64	39 - 47	64	20 - 45	100
42 - 60	87	40 - 60	115	19 - 60	80	55 - 63	80	40 - 65	120
52 - 80	107	80 - 100	155	29 - 70	90	65 - 73	90	60 - 85	140
72 - 100	127	120 - 140	195	39 - 80	100	75 - 83	100	80 - 105	160
92 - 120	147	160 - 180	235	54 - 95	115	90 - 98	115	100 - 125	180
112 - 140	167	200 - 220	275	64 - 105	125	100 - 108	125	120 - 145	200
140 - 170	197	-	-	74 - 115	135	110 - 118	135	140 - 165	220
170 - 210	237	-	-	89 - 130	150	125 - 133	150	160 - 185	240
200 - 240	267	-	-	114 - 155	175	150 - 158	175	180 - 225	280
-	-	-	-	139 - 180	200	175 - 183	200	220 - 245	300



Rear-ventilated facade (VHF)

Description

Rear-ventilated facades (VHF) are characterised by structurally separated insulation and cladding of the system. The rear-ventilated area regulates the moisture equilibrium of the building. A substructure which is fixed to the solid substrate with anchors serves as distancing assembly of the cladding and this way a rear-ventilated area between insulation and outer layer is created.

Application

Cladding of a rear-ventilated facade:

- > Plaster-base sheeting
- > Composite materials
- > Tiles
- > Fibre-bound panels etc.

Benefits

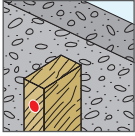
The construction possibilities and the structural-physical properties are the reasons for the attractiveness of a rear-ventilated facade.

Note


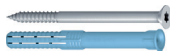
Substructures of rear-ventilated facades consist of various individual elements that need to be securely and effectively anchored with the building as well as with each other. Sliding point fixings are characteristic for rear-ventilated facades. Their task is to allow thermally induced elongation of the different materials without forcing tension. EJOT has special solutions for every application.



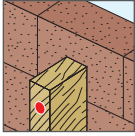
68 P. 241
 Fixing timber substructure to concrete




Facade anchors
SDF-S-10VxL¹⁾

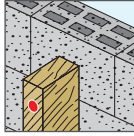
69 P. 244
 Fixing timber substructure to solid brick




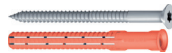
Facade anchors
SDF-S-10VxL¹⁾



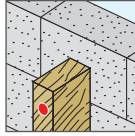

70 P. 248
 Fixing timber substructure to hollow / perforated brick




Facade anchors
SDF-S-10HxL¹⁾

71 P. 255
 Fixing timber substructure to aerated concrete



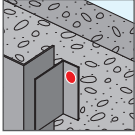
Facade anchors
SDP-S-10GxL¹⁾




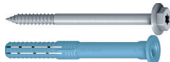

Note:

¹⁾ The effective length of the anchor (L) has to be suitable for the thickness of the non-bearing surface (e.g. render layer) and the thickness of the amounted part.

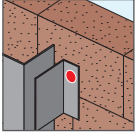
72 P. 246
 Fixing metal substructure to concrete




Facade anchors
SDF-KB-10Vx50¹⁾

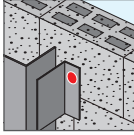
73 P. 246
 Fixing metal substructure to solid brick




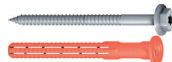
Facade anchors
SDF-KB-10Vx60¹⁾



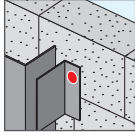

74 P. 250
 Fixing metal substructure to hollow / perforated brick




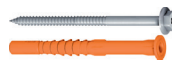
Facade anchors
SDF-KB-10Hx80¹⁾

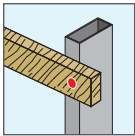
75 P. 265
 Fixing metal substructure to aerated concrete




Facade anchors
SDP-KB-10Gx80¹⁾

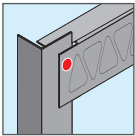
76 P. 128
 Fixing timber to aluminium




Self-drilling screw
JT4-S-2-4.8xL



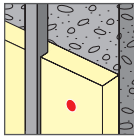

77 P. 114
 Fixing wall bracket (stainless steel/alu) to support profile (alu)



Self-drilling screw
JT9-2/5-5.0 VARIO



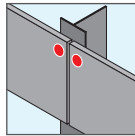

78 P. 262
 Insulation fixing




Insulation support anchor
DH



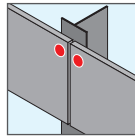
79 P. 119
 Facade panel to aluminium substructure 1.0-2.0 mm




EJOFAST® screw
JF3-LT-2-5.5
 + centring grommet



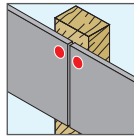

80 P. 122
 Facade panel to aluminium / steel substructure 1.5-2.5 mm




Self-drilling screw
JT3-LT-3-5.5x30
 + centring grommet




81 P. 123
 Facade panel to timber substructure



Self-drilling screw
JT4-LT-2/6-6.0x50
 + centring grommet






Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

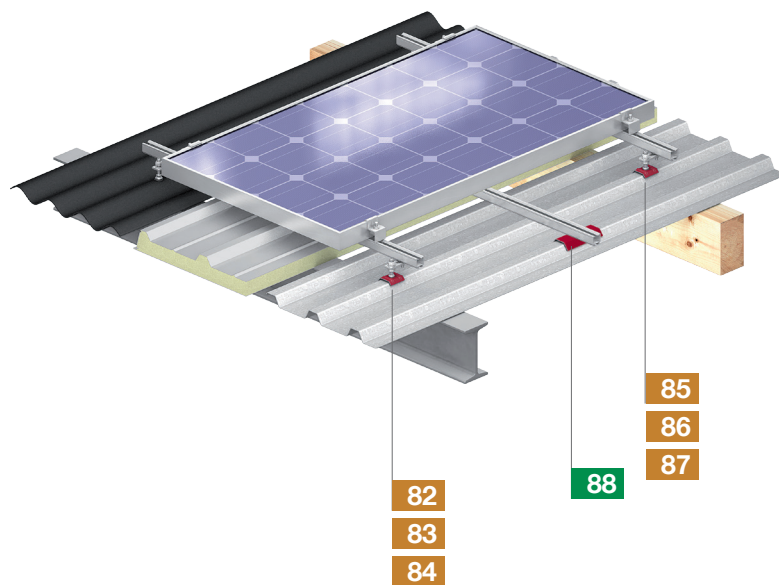
Nylon Expansion
Anchoring
Technology

Metal + Chemical
Anchors

Window / Glass
Facade Screws

Accessories

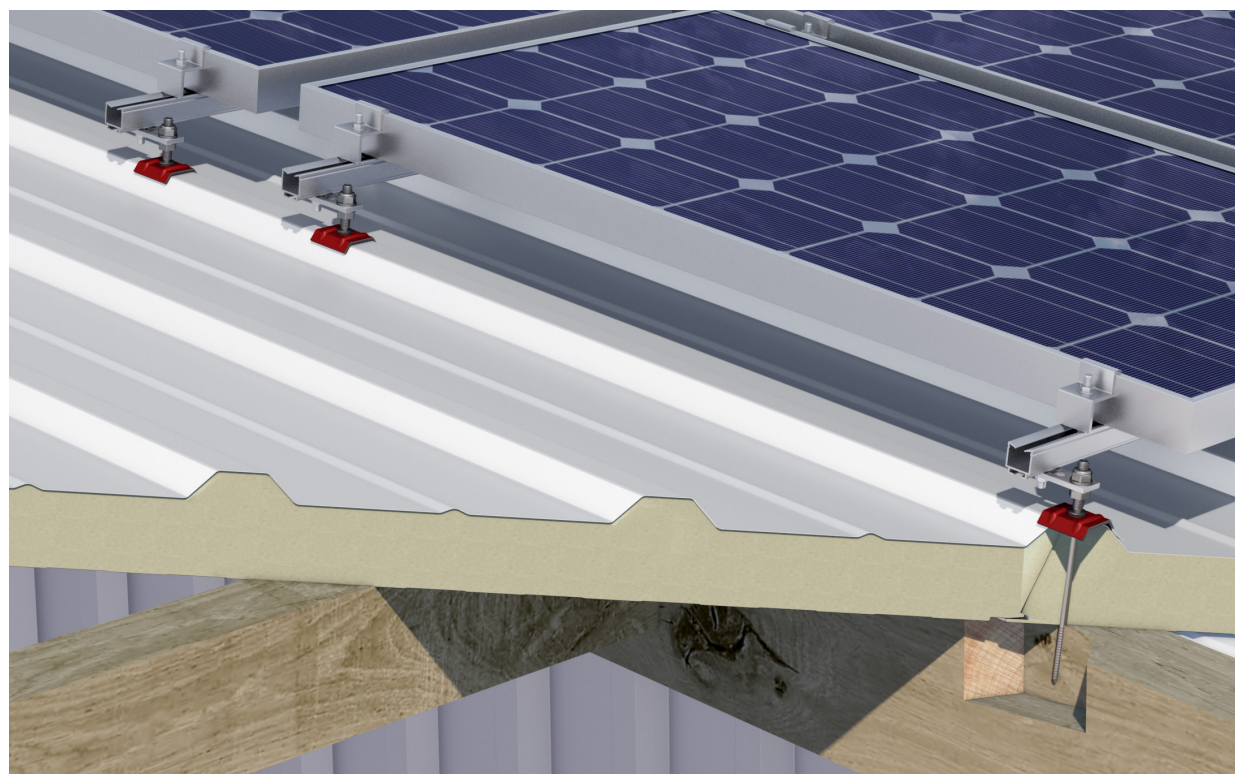
Machinery
Spare Parts
Tools



Fastening of solar and photovoltaic installations

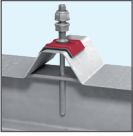
Description

The EJOT Solar Fastener is the first stainless steel fastening element approved by the German Institute for Building Technology (DIBt) for fixing photovoltaic installations onto trapezoidal steel profiles and sandwich panel roofs. The Solar Fastener is also suitable for use on fibrous cement roofs.




82 P. 173

Solar Fastener for trapezoidal profile to steel substructure

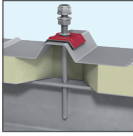


Solar Fastener JT3-SB-8.0xL Storm washer





83 P. 173

Solar Fastener for sandwich profile to steel substructure

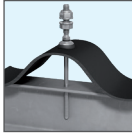


Solar Fastener JT3-SB-8.0xL Storm washer





84 P. 175

Solar Fastener for fibre cement sheet to steel substructure

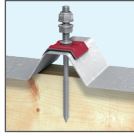


Solar Fastener JT3-SB-8.0xL FZD





85 P. 174

Solar Fastener for trapezoidal profile to timber substructure

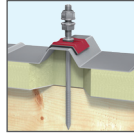


Solar Fastener JA3-SB-8.0xL Storm washer





86 P. 174

Solar Fastener for sandwich profile to timber substructure

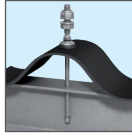


Solar Fastener JA3-SB-8.0xL Storm washer





87 P. 176

Solar Fastener for fibre cement sheet to timber substructure

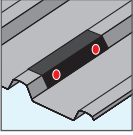


Solar Fastener JA3-SB-8.0xL FZD






88 P. 74

Trapezoidal sheet flashing to 0.4-1.25 mm steel substructure



Thin sheet metal screw JF3-2-5.5xL E16


Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



Installation into concrete and masonry

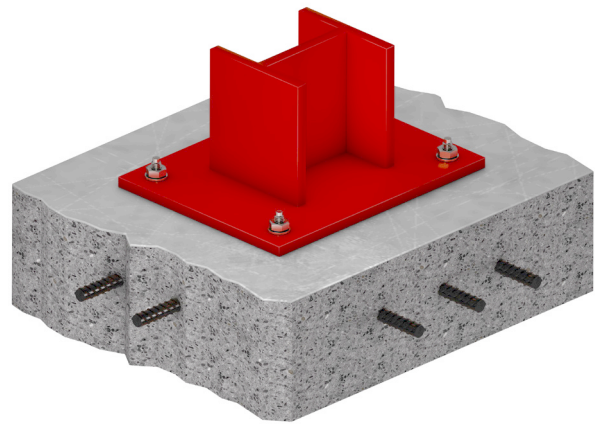
Special products for mechanical anchoring in non-cracked and cracked concrete as well as chemical and thus expansion pressure-free products for heavy-duty fastening in concrete and masonry.

Through bolts

EJOT through bolts are the economic solution for the installation of metal and wooden constructions into concrete (facade, ceiling and floor). They meet high requirements for load capacity and safety. The broad range of applications and the scope of dimensions make these through bolts a cost-effective all-rounder.

LIEBIG® heavy duty anchors

The long-established brand for heavy assembly technology is now part of the EJOT Group which caters for selected market segments of the building industry with special fastening and anchoring products. As of now, you can obtain the proven LIEBIG® heavy-duty anchors in more than 30 EJOT subsidiaries all over the world. Every LIEBIG product has its special field of application. For higher demands, the LIEBIG® Super-plus and the LIEBIG® Safety Anchor are used.



Concrete screws

The JC2 concrete screw is very easy and quick to install. Requires neither additional tools nor operations. It is able to take high loads even with small spacings and edge distances. It is removable and thus well suited for temporary fixings.

Chemical anchors

EJOT injection mortar Multifix USF is the ideal solution for the embedment of anchor rods in indoor and outdoor areas. Especially when high demands are placed on load-carrying capacity and safety. EJOT injection mortar allows small center and edge distances. Also available as Multifix USF Winter for low outdoor temperatures.



- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools



Operating principle mechanical and chemical EJOT® metal anchors



1 P. 296
Step iron fixings as per DIN 1211-3 / DIN 1212-3

LIEBIG® SUPERPLUS Step iron anchor



2 P. 289
Anchoring large machines

LIEBIG® SUPERPLUS BLS



3 P. 295
Retrofitted grounding systems

LIEBIG® SUPERPLUS Lightning protection anchor



4 P. 306
Anchoring air ducts

Drop-in anchor LA+



5 P. 276
Anchoring small machines

Through bolts BA-V Plus



6 P. 312
Anchoring sprinkler systems

Concrete screw JC2-IT



7 P. 308
Anchoring railings

Concrete screw JC2-KB



8 P. 310
Anchoring consoles

Concrete screw JC2-ST



9 P. 282
Anchoring steel beams

LIEBIG® Safety bolt S



10 P. 284
Anchoring medium-sized machines

LIEBIG® Safety bolt B



11 P. 276
Anchoring ramming bars

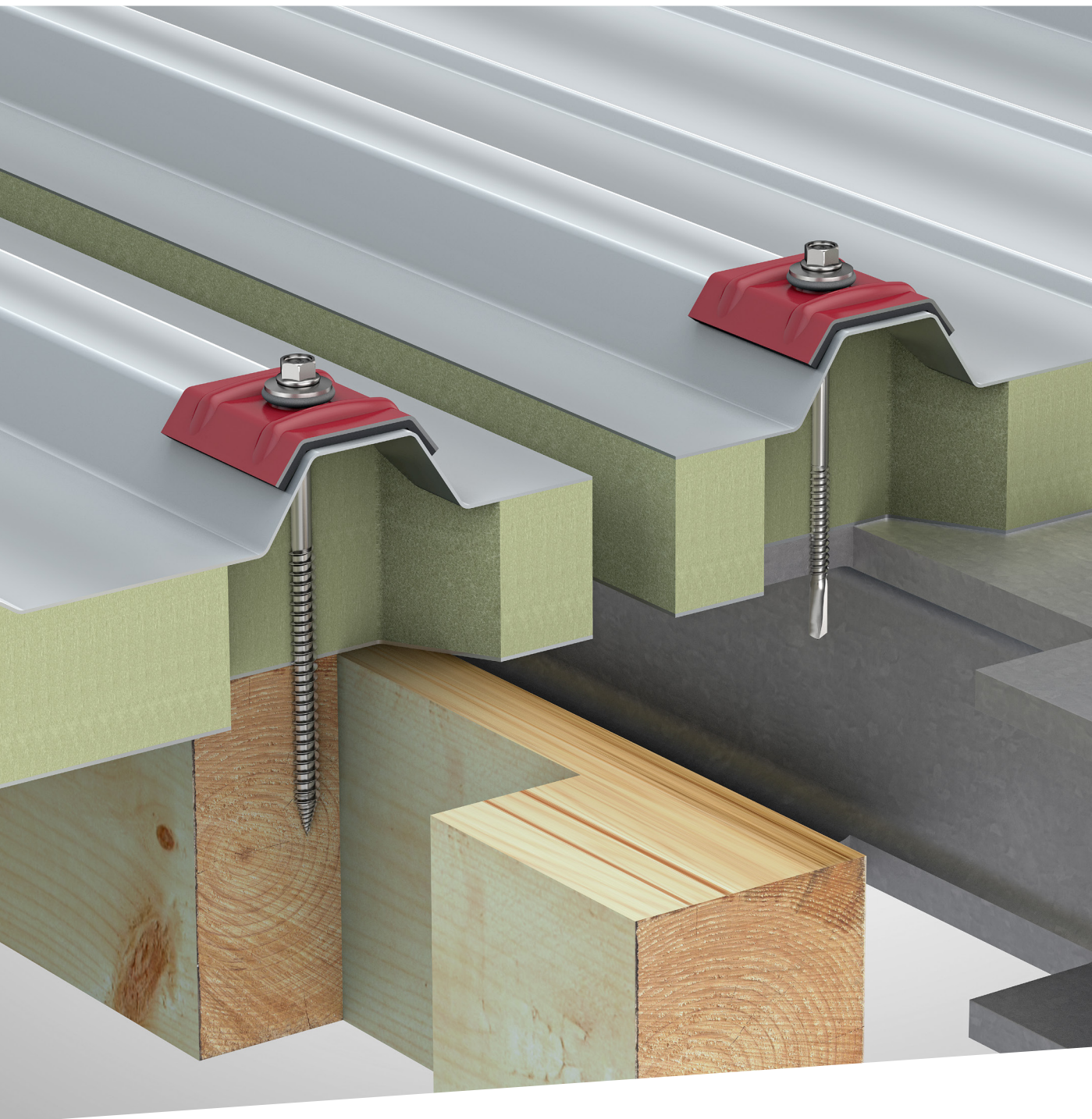
Through bolts BA-V Plus



12 P. 289
Anchoring high rack warehouses

LIEBIG® SUPERPLUS BLS





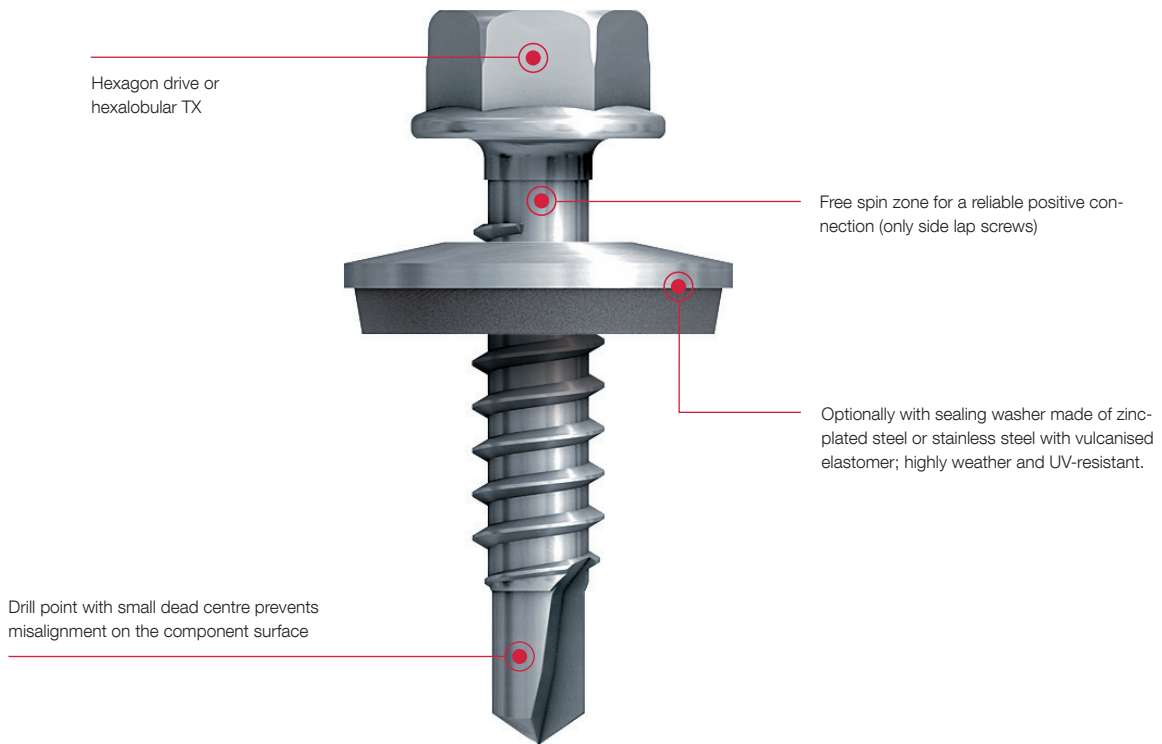
Self-drilling screws

Fast installation without pre-drilling

EJOT® self-drilling screws

The classic drill point with cutting bit.

The self-drilling EJOT screws feature a classic drill point. They drill a hole, form the female thread and fasten components in just one work step. The self-drilling screws are completed by an optional pre-assembled sealing washer.



Product overview EJOT® self-drilling screws

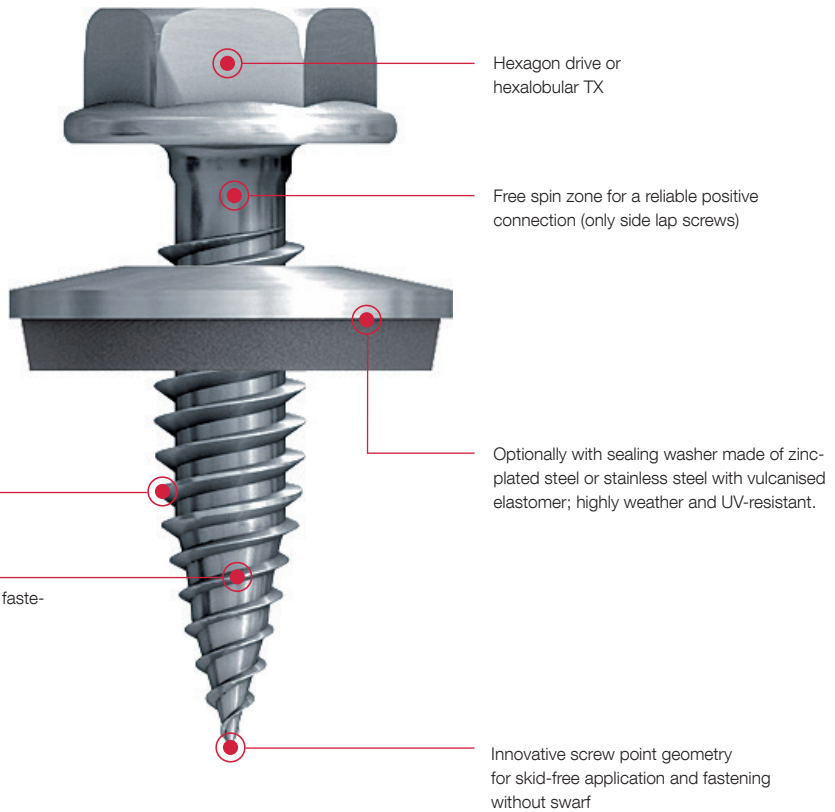
	JT2	JT3	JT6	JT4	JT9
Self-drilling screws with classic drill point					
Material	Steel Case-hardened zinc-plated	A2 stainless steel with hardened steel drill point	A4 stainless steel with hardened steel drill point	A2 stainless steel	A4 stainless steel
For components made of	Steel	Steel or Aluminium		Aluminium	
Max. drilling capacity [mm]	18.0			6.0	

EJOFAST® Self-drilling screws







Fast. Without swarf*. Reliable: The innovative screw point geometry without cutting bit.

EJOFAST® screws are self-drilling screws without the conventional cutting bit. Due to the innovative point geometry and the special thread form, the EJOFAST® screw not only fastens without any swarf and at high speed, it also features excellent clamping properties.

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.



Product overview EJOFAST® self-drilling screws

	JF2-2-4.2	JF2-2H-4.8	JF3-2H-4.8	JF3-2-5.5	JF3-4.9	JF3-6.8
Self-drilling screws with innovative point geometry						
Material	Steel case-hardened zinc-plated			A2 stainless steel with hardened steel drill point		
For components made of	Steel		Steel or aluminium		Steel or aluminium on timber	
Max. drilling capacity steel [mm]	0.75 + 0.75	0.88 + 0.88		1.0 + 1.0	0.88	

Self-drilling screw selection

Drilling capacity and required clamp thickness have to be specified

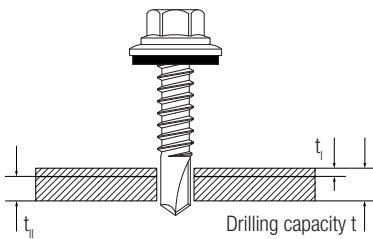
Drilling capacity

The drilling capacity refers to the drill point of a screw. The value is calculated from the thickness of the components to be drilled. A drilling capacity of 6 mm, for example, means that the drill point can penetrate components with a maximum thickness of 6 mm.

The following formulas can be used to determine the required drilling capacity:

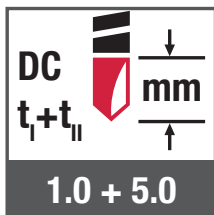
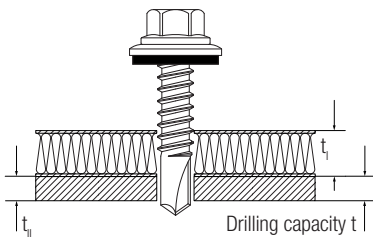
Drilling capacity for direct bearing surface (e.g. trapezoidal profile to steel substructure):

$$t = \text{component } t_1 + \text{component } t_{II}$$



Drilling capacity for sandwich panel:

$$t = \text{component } t_{II}$$



Icon for specifying the drilling capacity of a self-drilling screw

Clamp thickness

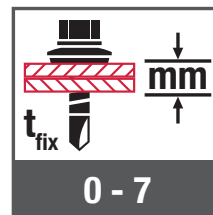
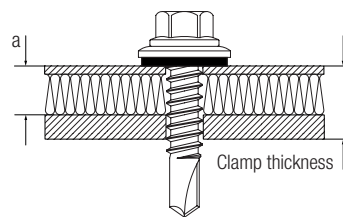
The clamp thickness is the area of a self-drilling screw which can be used to connect two components. It is thus the area of a screw which can absorb and carry load.

Important: The clamp thickness does not equal the threaded part of a screw minus the length of the drill point!

Therefore:

- > The first thread turn of a screw is only suitable for clamping to a limited extent
- > Bi-met screws feature a drill point made of steel. In weather-exposed areas, only the stainless steel part of a screw may be used for clamping.
- > The clamp thicknesses were thoroughly calculated by the EJOT application engineering based on the approvals. It is imperative to observe the given values!

The clamp thickness is calculated from the thickness of the attachment a plus the strength of the substructure. As a rule of thumb the following formula can be used: **clamp thickness $\geq a + 6$ mm**



Icon for specifying the clamp thickness of a self-drilling screw

Corrosion protection

For the correct selection of mechanical fasteners, it is essential to consider the exposure to corrosion when installed. This is adversely affected, amongst other things, by air pollutants such as sulfur dioxide or salty atmospheres in coastal areas.

But even factors such as humidity can lead to corrosion on screws and fasteners with insufficient surface coating or wrong choice of materials and thus permanently damage the connection.

Corrosivity categories

In order to determine the existing exposure to corrosion, the DIN EN ISO 12944-2 classifies the atmospheric environmental conditions into the adjacent six corrosivity categories.

Category	Explanation	Example
C1	insignificant	Heated indoor areas
C2	low	Rural areas, unheated buildings
C3	moderate	Urban and industrial areas
C4	High	Industrial and coastal areas
C5I	very high (industry)	Industrial areas with increased pollution
C5M	very high (sea)	Coastal and offshore areas

For environmental conditions $\geq C2$, the European Technical Assessments ETA-10/0200 and ETA-13/0177 demand the usage of fastening elements made of stainless steel. For mechanical fastening, further suitable measures to avoid galvanic corrosion between the individual components and between the components and the fastening element have to be taken.

Stainless steel

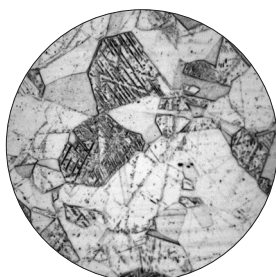
The expression stainless steel comprises steel alloys with a considerably improved corrosion resistance compared to non-alloy steels. A minimum of 10.5% chromium content by mass is typical for these stainless steels. According to the DIN EN ISO 3506, mechanical fasteners can be produced from grade A2 or A4 stainless steels.

Whereas A2 stainless steel fasteners are suitable for minimal and moderate exposures to corrosion, grade A4 stainless steels are required in areas with high exposure to corrosion. For applications with a very high exposure to corrosion, EJOT recommends the usage of fastening elements made of the material 1.4529 (High Corrosion Resistant - HRC). According to the German general building authorities approval Z-30.3-6, this material is assigned to the highest corrosion resistance category V.

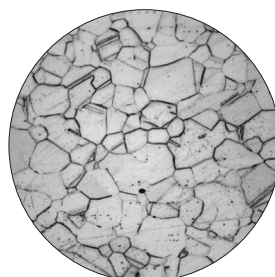


Micrographs

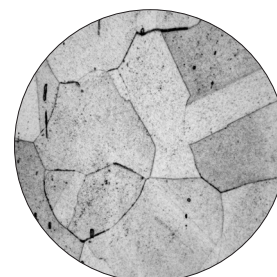
500 times magnification



A2 stainless steel
1.4301



A4 stainless steel
1.4401



Stainless steel HCR
1.4529

Zinc electroplated

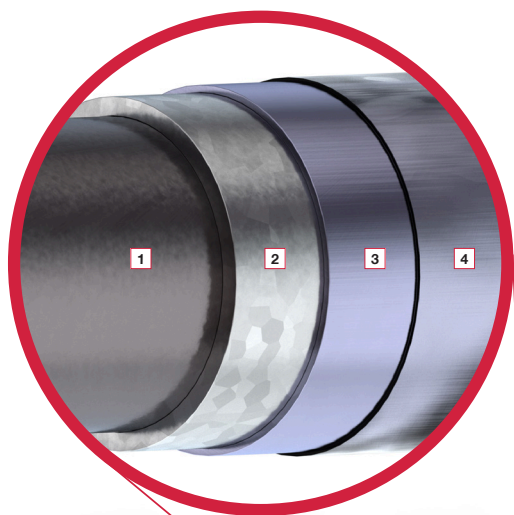
Zinc-plated steel screws are used in environments with insignificant exposures to corrosion such as indoor areas of heated buildings. The galvanisation only slightly increases the corrosion resistance of the fasteners. Concerning JT3 bi-met self-drilling screws, the galvanic zinc plating shall protect the drill point from corrosion during transport and storage. Furthermore, galvanic zinc layers serve as a functional layer to improve the installation parameters of self-drilling and self-tapping screws.

CLIMADUR

Compared to conventional galvanic zinc platings, the CLIMADUR duplex coating offers a significantly higher corrosion protection. With a resistance of 15 Kesternich cycles (DIN 50018), the CLIMADUR coating meets the requirements for mechanically fastened roof waterproofing systems according to ETAG 006.

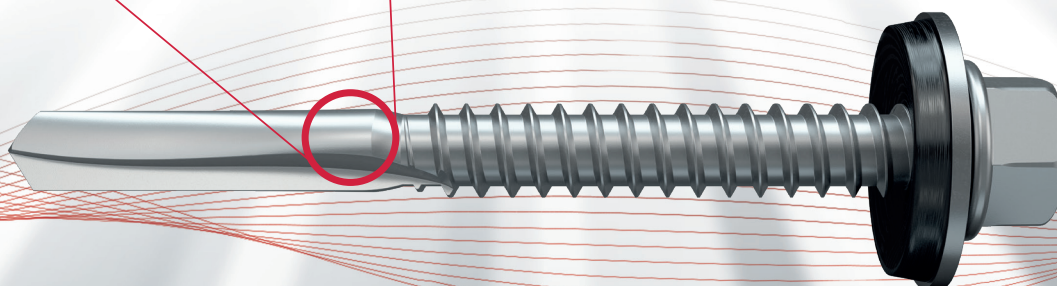
EJOGUARD

Thanks to the combination of specifically concerted coatings, the EJOGUARD surface offers excellent corrosion properties. With a salt spray test resistance of one thousand hours according to DIN EN ISO 9227 and 15 Kesternich cycles according to DIN 50018, the application range of steel screws is significantly expanded, depending on national regulations.



Multiple protection EJOGUARD:

- 1 Carbon steel
- 2 Zinc coating
- 3 Organic coating
- 4 Additional sealant



- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal +Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools



Sealing washers

Increased reliability when using sealing washers

EJOT recommends using sealing washers - also in combination with case-hardened steel screws that are used in unweathered areas.

The risk of damaging the screw joint with improper installation (e.g. excessive tightening torque, slightly sloped clamping) is significantly reduced when using sealing washers.

Furthermore, the clamp load and thus the tensile stress in the screw are limited by the use of sealing washers. A direct exposure of the joint (protective surface coating damaged by the fastening process) is almost prevented - the risk of operational, hydrogen-induced embrittlement drops significantly.

Rain-proof connections

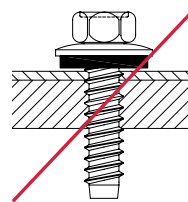
The use of sealing washers facilitates the formation of rain-proof fastening and connection points in light-weight metal construction.

When planning and executing the connections, the minimum roof pitches according to the specialist rules of lightweight metal construction must be observed.

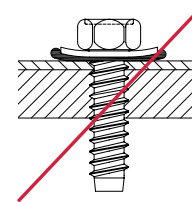
Correct installation of sealing washers

Screws with sealing washers must be installed using a depth stop. Deformation of the sealing washer (washer with elastomer seal) is prevented with the adjustable depth stop on the screwdriver.

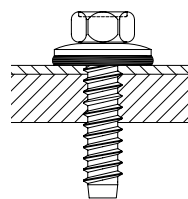
If the sealing washer is correctly installed, the rubber seal may overlap. Only if the metal back of the sealing washer changes from convex to concave, the joint is definitely too tight.



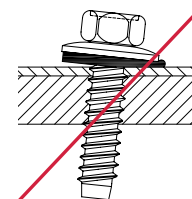
too slight



too tight



correct



sloping

EJOFAST® self-drilling screw JF2-2-4.2



Application range

- > For the efficient fixing of steel air ducts

Properties

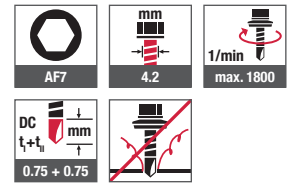
- > Case-hardened steel
- > Fastening without swarf*
- > No cleaning of the ventilation ducts from drilling chips
- > Non-skid application

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data



Certifications



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JF2-2-4.2x13	13	4.2	0 - 5	1,000		7 381 300 609	4061245014227
JF2-2-4.2x16	16	4.2	0 - 8	1,000		7 381 600 609	4061245014210



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal +Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOFAST® self-drilling screw JF2-2H-4.8



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Application range

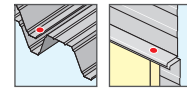
- > Side lap stitching of profiled steel sheet

Properties

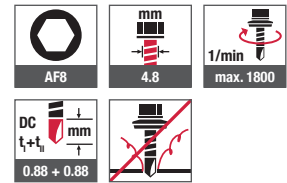
- > Case-hardened steel, zinc-plated
- > Fastening without swarf*
- > With free spin zone under screw head for side lap stitching
- > Non-skid application
- > Suitable for installation with the EJOFAST® JF screwdriver

*Without swarf means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data



Certifications



EJOFAST® JF screwdriver available as rental equipment.

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
loose							
JF2-2H-4.8x19	19	4.8	0 - 9	1,000		7 280 628 601	4061245014524
JF2-2H-4.8x19 VE100	19	4.8	0 - 9	100		6 280 628 601	4061245014890
collated							
JF2-2H-4.8x19 collated	19	4.8	0 - 9	500		3 375 000 000	4061245016573

EJOT® self-drilling screw JT2-2H-4.8



Application range

- > Side lap stitching of profiled steel sheet

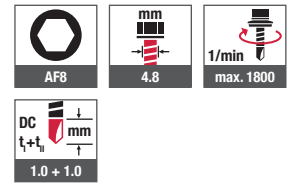
Properties

- > Case-hardened steel, zinc-plated
- > With free spin zone under screw head for side lap stitching

Applications



Technical data



Certifications



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-2H-4.8x19	19	4.8	0 - 9	1,000		3 592 200 644	4061245015569
JT2-2H-4.8x19 VE100	19	4.8	0 - 9	100		6 592 200 644	4061245014777



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal +Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® self-drilling screw JT2-3-4.8



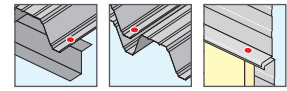
Application range

- > Fastening profiled steel sheet to 2 mm steel substructure
- > Side lap stitching of profiled steel sheet
- > Suitable for installation with the EJOFAST® JF screwdriver

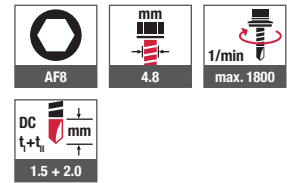
Properties

- > Case-hardened steel, zinc-plated
- > Loose or collated

Applications

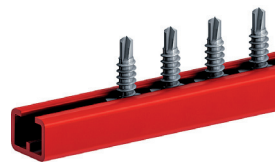


Technical data



Cross references

	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360



EJOFAST® JF screwdriver available as rental equipment.

Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
loose							
JT2-3-4.8x19	19	4.8	0 - 11	1,000		3 592 200 634	4061245015576
JT2-3-4.8x19 VE100	19	4.8	0 - 11	100		6 592 200 634	4061245014784
collated							
JT2-3-4.8x19 collated	19	4.8	0 - 11	500		3 365 000 000	4061245016580

EJOT® self-drilling screw JT2-2H-Plus-5.5 EJO GUARD



Cross references **page**

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



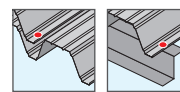
Application range

- > Side lap stitching of profiled steel sheet
- > Fastening profiled steel sheet to 0.4–2.0 mm steel substructure
- > For high-strength steel substructures

Properties

- > Case-hardened steel, zinc-plated
- > EJO GUARD corrosion protection
- > Steel sealing washer, zinc-plated
- > Pre-assembled sealing washer
- > With free spin zone under screw head for side lap stitching

Applications



Technical data

 AF8	 5.5	 1/min max. 1800
 DC t+t 1.5 + 2.0	 V16	

Certifications

 ETA-10/0200		
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Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm							
JT2-2H-Plus-5.5x25-V16	25	5.5	0 - 9	500		3 592 521 997	4061245015507

EJOT® self-drilling screw JT2-6-5.5



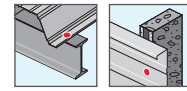
Application range

- > Fastening profiled steel sheet to 1.5–5 mm steel substructure
- > For high-strength steel substructures

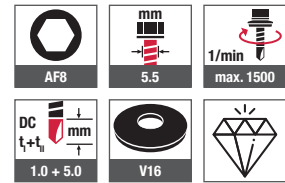
Properties

- > Case-hardened steel, zinc-plated
- > Steel sealing washer, zinc-plated
- > Pre-assembled sealing washer

Applications



Technical data



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm							
JT2-6-5.5x22-V16	22	5.5	0 - 7	500		3 573 321 634	4061245015651
JT2-6-5.5x25-V16	25	5.5	0 - 10	500		3 573 421 634	4061245015644
JT2-6-5.5x25-V16 VE100	25	5.5	0 - 10	100		6 573 421 634	4061245014821

EJOT® self-drilling screw JT2-6-6.3



Application range

- > Fastening profiled steel sheets to 2–5 mm steel substructure

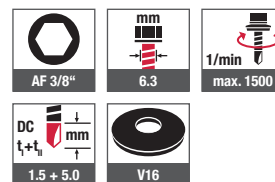
Properties

- > Case-hardened steel, zinc-plated
- > Steel sealing washer, zinc-plated
- > Pre-assembled sealing washer

Applications



Technical data



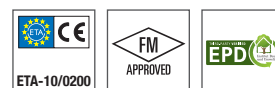
Cross references page

Socket wrench insert 381
Cordless screwdriver ASCS 6.3 360

Online shop



Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm							
JT2-6-6.3x22-V16	22	6.3	0 - 7	500		3 574 321 634	4061245015637
JT2-6-6.3x25-V16	25	6.3	0 - 10	500		3 574 421 634	4061245015620
JT2-6-6.3x25-V16 VE100	25	6.3	0 - 10	100		6 574 421 634	4061245014814
JT2-6-6.3x32-V16	32	6.3	0 - 17	500		3 574 521 634	4061245015613
JT2-6-6.3x38-V16	38	6.3	0 - 23	500		3 574 621 634	4061245015606

EJOT® self-drilling screw JT2-12-5.5



Application range

- > Fastening profiled steel sheets to 4–12 mm steel substructure







Properties

- > Case-hardened steel
- > High-grade coating to improve the corrosion protection
- > Steel sealing washer, zinc-plated
- > Pre-assembled sealing washer

Applications



Technical data

 AF8	 5.5	 1/min max. 1500
 DC t+t _H 1.0 + 12.0	 DC t+t _H 2.0 + 10.0	 V16

Certifications



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm							
JT2-12-5.5x35-V16	35	5.5	0 - 10	500		3 804 521 997	4061245014944
JT2-12-5.5x35-V16 VE100	35	5.5	0 - 10	100		6 804 521 997	4061245014562
JT2-12-5.5x50-V16	50	5.5	0 - 25	250		3 807 121 997	4061245014937
JT2-12-5.5x50-V16 VE100	50	5.5	0 - 25	100		6 807 121 997	4061245014548
JT2-12-5.5x65-V16	65	5.5	6 - 40	250		3 807 521 997	4061245014920
JT2-12-5.5x65-V16 VE100	65	5.5	6 - 40	100		6 807 521 997	4061245014531

EJOT® self-drilling screw JT2-18-5.5 EJOGUARD



Application range

- > Fastening profiled steel sheets to 4–16 mm steel substructure

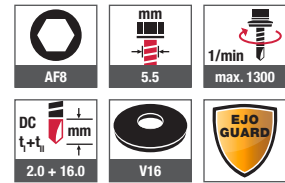
Properties

- > Case-hardened steel
- > EJOGUARD corrosion protection
- > Steel sealing washer, zinc-plated
- > Pre-assembled sealing washer

Applications



Technical data



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm							
JT2-18-5.5x40-V16	40	5.5	0 - 12	500		3 914 021 997	4061245014913

EJOT® self-drilling screw JT2-FZ-6-6.3



Application range

- > Fastening corrugated fibre cement sheet 177/51 to steel substructure 1.5–6 mm

Properties

- > Case-hardened steel
- > High-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > Pre-assembled FZD sealing washer
- > A2 stainless steel washer
- > Screw wings save additional drilling into the corrugated slabs
- > Reduced forcing tension

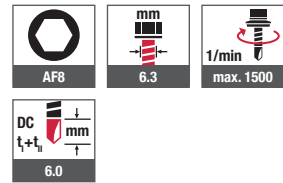
Note

For the dimensioning and the use of fastening materials please note the manufacturer's instructions for use as well as the national approvals.

Applications



Technical data



Certifications



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-FZ-6-6.3x110-FZD	110	6.3	100		3 512 275 664	4061245016092

EJOT® self-drilling screw JT2-FZ-12-6.3



Application range

- > Fastening corrugated fibre cement sheet 177/51 to steel substructure 5-12 mm

Properties

- > Case-hardened steel
- > High-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > Pre-assembled FZD sealing washer
- > A2 stainless steel washer
- > Screw wings save additional drilling into the corrugated slabs
- > Reduced forcing tension

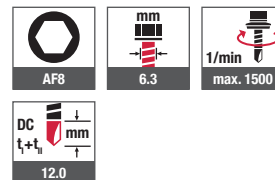
Note

For the dimensioning and the use of fastening materials please note the manufacturer's instructions for use as well as the national approvals.

Applications



Technical data



Certifications



Cross references page

Socket wrench insert 381

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-FZ-12-6.3x115-FZD	115	6.3	100		3 512 375 614	4061245016085



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal +Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® self-drilling screw JT2-FZ-F-6.5



Application range

- > Fastening corrugated fibre cement sheet to timber substructure

Properties

- > Case-hardened steel, hot-dip zinc-plated
- > Pre-assembled FZD sealing washer
- > A2 stainless steel washer
- > Screw wings save additional drilling into the corrugated slabs
- > Reduced forcing tension

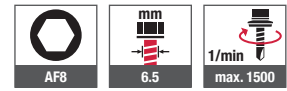
Note

Suitable for corrugation 5 when covering with corrugated fibre cement sheet 177/51 to timber substructure without insulation. For the dimensioning and the use of fastening materials please note the manufacturer's instructions for use as well as the national approvals.

Applications



Technical data



Certifications



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360
JT4-FZ-6.5x130 FZD	111

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-FZ-F-6.5x100-FZD*	100	6.5	100		3 515 175 608	4061245016078
JT2-FZ-F-6.5x130-FZD	130	6.5	100		3 515 675 608	4061245016054

*No approval

EJOT® self-drilling screw JT2-ST-2-6.0



Application range

- > Fastening timber components to thin-walled steel substructures

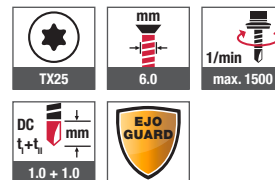
Properties

- > Case-hardened steel
- > EJO GUARD corrosion protection
- > High-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > With countersunk head

Applications



Technical data



Certifications



Cross references

	page
Bit hexalobular TX	379
Bit holder	379
Cordless screwdriver ASCS 6.3	360
Flat roof profile FP	222
Stress plate EcoTek 50	228

Online shop



Order description	Length [mm]	Diameter [mm]	Thread length [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-ST-2-6.0x40	40	6.0	40	0 - 27	500		7 282 110 609	4061245014517
JT2-ST-2-6.0x60	60	6.0	45	15 - 47	500		7 282 119 609	4061245014432
JT2-ST-2-6.0x80	80	6.0	65	15 - 67	250		7 282 112 609	4061245014500
JT2-ST-2-6.0x100	100	6.0	65	35 - 87	250		7 282 113 609	4061245014494
JT2-ST-2-6.0x120	120	6.0	65	55 - 107	250		7 282 114 609	4061245014487
JT2-ST-2-6.0x140	140	6.0	65	75 - 127	250		7 282 115 609	4061245014470
JT2-ST-2-6.0x160	160	6.0	65	95 - 147	100		7 282 116 609	4061245014463
JT2-ST-2-6.0x180	180	6.0	65	115 - 167	100		7 282 117 609	4061245014456
JT2-ST-2-6.0x200	200	6.0	65	135 - 187	100		7 282 118 609	4061245014449

EJOT® self-drilling screw JT2-ST-2-6.8



Application range

- > Fastening fixing rails to thin-walled steel and aluminium substructures

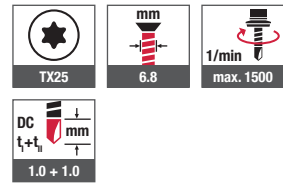
Properties

- > Case-hardened steel
- > High-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > With countersunk head

Applications



Technical data



Certifications



Cross references

	page
Bit hexalobular TX	379
Bit holder	379
Cordless screwdriver ASCS 6.3	360
Flat roof profile FP	222

Online shop



Order description	Length [mm]	Diameter [mm]	Thread length [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-ST-2-6.8x205	205	6.8	75	130 - 195	100		7 282 305 609	4061245014425
JT2-ST-2-6.8x245	245	6.8	75	170 - 235	100		7 282 345 609	4061245014401
JT2-ST-2-6.8x285	285	6.8	75	210 - 275	100		7 282 385 609	4061245014395
JT2-ST-2-6.8x325	325	6.8	75	250 - 315	100		7 282 335 609	4061245014418

EJOT® self-drilling screw JT2-WD-5-5.5



Application range

- > Special screw for fastening wood to steel substructures

Properties

- > Case-hardened steel
- > Coating zinc-plated
- > The wings ream out the wood larger than the thread diameter
- > The wings prevent force feeding of the screw and thus possible damage to the drill point

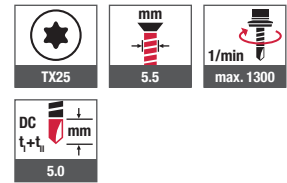
Note

To ensure shearing of the wings, the material thickness of the steel substructure must be at least 2.5 mm.

Applications



Technical data



Cross references	page
Bit hexalobular TX	379
Bit holder	379
Cordless screwdriver ASCS 6.3	360



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-WD-5-5.5x50	50	5.5	12 - 35	200		7 289 206 601	4061245014388
JT2-WD-5-5.5x60	60	5.5	12 - 45	200		7 289 207 601	4061245014371
JT2-WD-5-5.5x80	80	5.5	12 - 65	200		7 289 208 601	4061245014364

The roof without swarf*

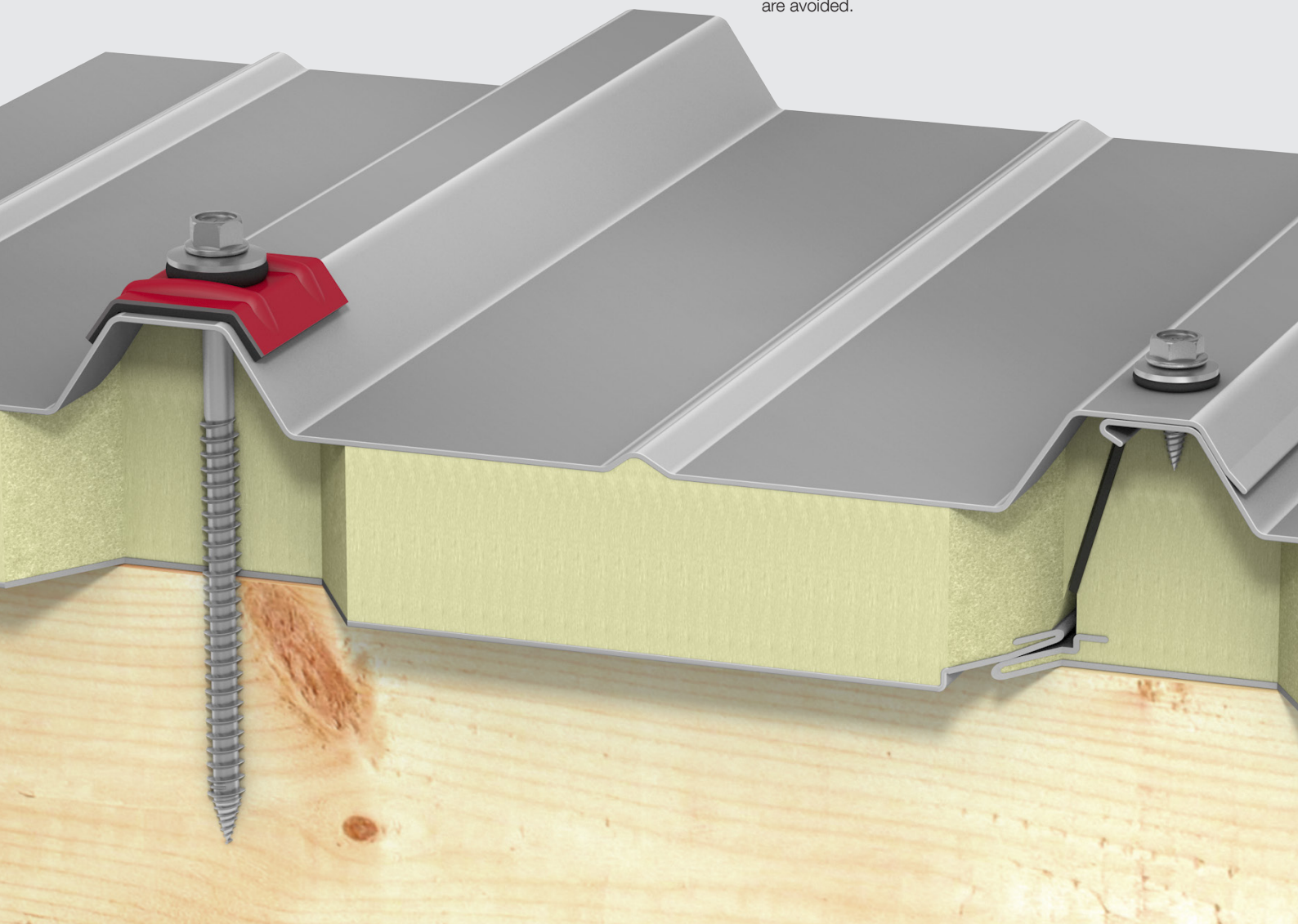
Reliable and fast with EJOFAST® self-drilling screws
JF3-6.8 and JF3-2H-4.8

- > Approved for profiled steel and aluminium sheets as well as sandwich panels
- > Skid-free application
- > Fast installation
- > Fastening without swarf*

www.ejot.com



***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.



EJOFAST® self-drilling screw JF3-2H-4.8



Cross references **page**

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Application range

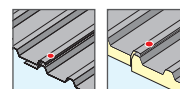
- > Side lap stitching of profiled steel / aluminium sheets and sandwich panel
- > Suitable for installation with the EJOFAST® JF screwdriver

Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under screw head for side lap stitching
- > Non-skid application
- > Fastening without swarf*
- > Loose or collated

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data

AF8	4.8	1/min max. 1800
DC t+t 0.88 + 0.88		E14

Certifications

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EJOFAST® JF screwdriver available as rental equipment.

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E 14, Ø 14 mm, loose							
JF3-2H-4.8x19-E14	19	4.8	0 - 4	500		3 591 977 391	4061245015583
JF3-2H-4.8x19-E14 VE100	19	4.8	0 - 4	100		6 591 977 391	4061245014791
JF3-2H-4.8x19-E14 RAL 7016	19	4.8	0 - 4	100		3 351 977 025	4061245039749
JF3-2H-4.8x19-E14 RAL 9002	19	4.8	0 - 4	100		3 351 977 082	4061245039671
JF3-2H-4.8x19-E14 RAL 9006	19	4.8	0 - 4	100		3 351 977 084	4061245044804
JF3-2H-4.8x19-E14 RAL 9007	19	4.8	0 - 4	100		3 351 977 220	4061245044811
Sealing washer E 14, Ø 14 mm, collated							
JF3-2H-4.8x19-E14 collated	19	4.8	0 - 4	500		3 385 009 000	4061245016559

EJOFAST® self-drilling screw JF3-4.9



Cross references	page
ORKAN storm washers	146
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Application range

- > Fastening profiled steel and aluminium sheets to timber substructure

Properties

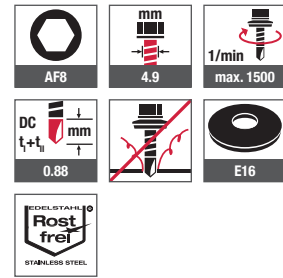
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Fastening without swarf*
- > Assembly without pre-drilling
- > Non-skid application
- > Excellent gripping properties

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JF3-4.9x35-E16	35	4.9	500		3 593 667 321	4061245046648
NEW JF3-4.9x35-E16 VE100	35	4.9	500		6 593 667 321	4061245062075
JF3-4.9x70-E16	70	4.9	250		3 597 167 321	4061245046662

EJOFAST® self-drilling screw JF3-FR-4.9



Cross references	page
ORKAN storm washers	146
EJOT FR-Tool	385
EJOT FR-Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Application range

- > Fastening profiled steel or aluminium sheets to timber substructure

Properties

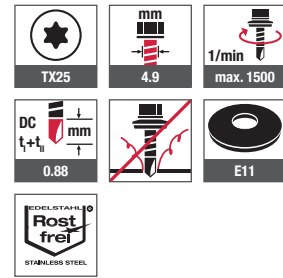
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Fastening without swarf*
- > Assembly without pre-drilling
- > Non-skid application
- > Excellent gripping properties

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JF3-FR-4.9x35-E11	35	4.9	500		3 593 692 328	4061245046655
NEW JF3-FR-4.9x35-E11 VE100	35	4.9	100		6 593 692 328	4061245062808

EJOFAST® self-drilling screw JF3-2-5.5



Cross references page

Socket wrench insert 381
Cordless screwdriver ASCS 6.3 360

Application range

Fastening components and brackets to thin-walled metal profiles for photovoltaic installations:

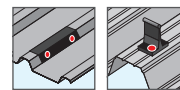
- > Fastening trapezoidal sheet flashings, clips for fixing standing seam systems or pre-punched retainers to thin-walled steel substructures (e.g. profiled sheets)
- > Fixing wind deflector sheets to profiled elements

Properties

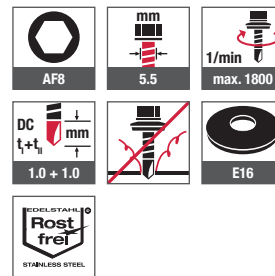
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Non-skid application
- > Fastening without swarf*
- > Excellent gripping properties

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data



Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E 16, Ø 16 mm							
JF3-2-5.5x25-E16	25	5.5	0 - 7	500		3 597 211 391	4061245015040
JF3-2-5.5x25-E16 VE100	25	5.5	0 - 7	100		6 597 211 391	4061245014609
JF3-2-5.5x35-E16	35	5.5	0 - 17	500		3 597 511 391	4061245015026

*JF6 made of A4 stainless steel upon request.

EJOFAST® self-drilling screw JF3-FR-2-5.5



Cross references	page
Bit hexalobular TX	379
EJOT FR-Tool	383
EJOT FR-Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Application range

Fastening components and brackets to thin-walled metal profiles for photovoltaic installations:

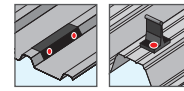
- > Fastening trapezoidal sheet flashings, clips for fixing standing seam systems or pre-punched retainers to thin-walled steel substructures (e.g. profiled sheets)
- > Fixing wind deflector sheets to profiled elements

Properties

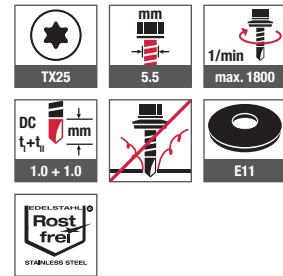
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Non-skid application
- > Fastening without swarf*
- > Excellent gripping properties
- > With truss head

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data



Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E 11, Ø 11 mm							
JF3-FR-2-5.5x25-E11*	25	5.5	0 - 7	500		3 593 292 391	4061245015460

*JF6 made of A4 stainless steel upon request.

EJOFAST® self-drilling screw JF3-6.8



Application range

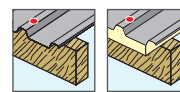
- > Fastening profiled steel or aluminium sheets and sandwich panels to timber substructure

Properties

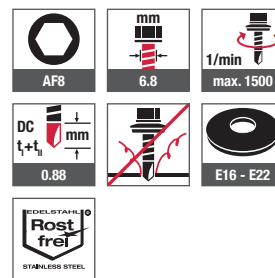
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Fastening without swarf*
- > Assembly without pre-drilling
- > Non-skid application
- > Excellent gripping properties

*Without swarf means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data



Certifications



Cross references

Cross references	page
ORKAN storm washers	146
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Online shop



Order description	Length [mm]	Diameter [mm]	Thread length [mm]	Thickness component l [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm								
JF3-6.8x40-E16	40	6.8	40	-	250		3 594 067 391	4061245015415
JF3-6.8x40-E16 VE100	40	6.8	40	-	100		6 594 067 391	4061245014678
JF3-6.8x60-E16	60	6.8	60	0 - 10	250		3 594 167 391	4061245015408
JF3-6.8x60-E16 VE100	60	6.8	60	0 - 10	100		6 594 167 391	4061245014661
JF3-6.8x80-E16	80	6.8	75	0 - 30	250		3 594 267 391	4061245015392
JF3-6.8x80-E16 VE100	80	6.8	75	0 - 30	100		6 594 267 391	4061245014654
JF3-6.8x100-E16	100	6.8	75	20 - 50	100		3 594 367 391	4061245015385
JF3-6.8x120-E16	120	6.8	75	40 - 70	100		3 594 467 391	4061245015378
JF3-6.8x140-E16	140	6.8	75	60 - 90	100		3 594 567 391	4061245015361
JF3-6.8x160-E16	160	6.8	75	80 - 110	100		3 594 667 391	4061245015354
JF3-6.8x180-E16	180	6.8	75	100 - 130	100		3 594 767 391	4061245015347
JF3-6.8x200-E16	200	6.8	75	120 - 150	100		3 594 867 391	4061245015330
JF3-6.8x220-E16	220	6.8	75	140 - 170	100		3 594 967 391	4061245015323
JF3-6.8x240-E16	240	6.8	75	160 - 190	100		3 595 067 391	4061245015293
JF3-6.8x260-E16	260	6.8	75	180 - 210	100		3 595 167 391	4061245015279
JF3-6.8x280-E16	280	6.8	75	200 - 230	100		3 595 267 391	4061245015255





Order description	Length [mm]	Diameter [mm]	Thread length [mm]	Thickness component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JF3-6.8x300-E16	300	6.8	75	220 - 250	100		3 595 367 391	4061245015231
Sealing washer E19, Ø 19 mm								
JF3-6.8x40-E19	40	6.8	40	-	250		3 594 066 391	4061245044408
JF3-6.8x60-E19	60	6.8	60	0 - 10	250		3 594 166 391	4061245044415
JF3-6.8x80-E19	80	6.8	75	0 - 30	100		3 594 266 391	4061245032405
JF3-6.8x100-E19	100	6.8	75	20 - 50	100		3 594 366 391	4061245040400
JF3-6.8x120-E19	120	6.8	75	40 - 70	100		3 594 466 391	4061245040981
JF3-6.8x140-E19	140	6.8	75	60 - 90	100		3 594 566 391	4061245040974
JF3-6.8x160-E19	160	6.8	75	80 - 110	100		3 594 666 391	4061245040967
JF3-6.8x180-E19	180	6.8	75	100 - 130	100		3 594 766 391	4061245040950
JF3-6.8x200-E19	200	6.8	75	120 - 150	100		3 594 866 391	4061245040943
JF3-6.8x220-E19	220	6.8	75	140 - 170	100		3 594 966 391	4061245040936
JF3-6.8x240-E19	240	6.8	75	160 - 190	100		3 595 066 391	4061245040905
JF3-6.8x260-E19	260	6.8	75	180 - 210	100		3 595 166 391	4061245040899
JF3-6.8x280-E19	280	6.8	75	200 - 230	100		3 595 266 391	4061245044422
JF3-6.8x300-E19	300	6.8	75	220 - 250	100		3 595 366 391	4061245044439
Sealing washer E22, Ø 22 mm								
JF3-6.8x40-E22	40	6.8	40	-	250		3 594 013 391	4061245026244
JF3-6.8x60-E22	60	6.8	60	0 - 10	250		3 594 113 391	4061245026237
JF3-6.8x80-E22	80	6.8	75	0 - 30	100		3 594 213 391	4061245026220
JF3-6.8x100-E22	100	6.8	75	20 - 50	100		3 594 313 391	4061245026213
JF3-6.8x120-E22	120	6.8	75	40 - 70	100		3 594 413 391	4061245026206
JF3-6.8x140-E22	140	6.8	75	60 - 90	100		3 594 513 391	4061245026190
JF3-6.8x160-E22	160	6.8	75	80 - 110	100		3 594 613 391	4061245026183
JF3-6.8x180-E22	180	6.8	75	100 - 130	100		3 594 713 391	4061245026176
JF3-6.8x200-E22	200	6.8	75	120 - 150	100		3 594 813 391	4061245026169
JF3-6.8x220-E22	220	6.8	75	140 - 170	100		3 594 913 391	4061245026152
JF3-6.8x240-E22	240	6.8	75	160 - 190	100		3 595 013 391	4061245026121
JF3-6.8x260-E22	260	6.8	75	180 - 210	100		3 595 113 391	4061245026084
JF3-6.8x280-E22	280	6.8	75	200 - 230	100		3 595 213 391	4061245026039
JF3-6.8x300-E22	300	6.8	75	220 - 250	100		3 595 313 391	4061245026008

EJOT® self-drilling screw JT3-2H-4.8



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

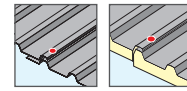
Application range

- > Side lap stitching of profiled steel / aluminium sheets and sandwich panel
- > Suitable for installation with the EJOFAST® JF screwdriver

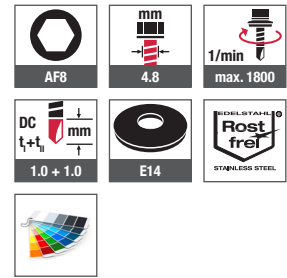
Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under screw head for side lap stitching
- > Loose or collated

Applications



Technical data



EJOFAST® JF screwdriver available as rental equipment.

Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E 14, Ø 14 mm, loose							
JT3-2H-4.8x19-E14	19	4.8	0 - 4	500		3 591 977 351	4061245015590
JT3-2H-4.8x19-E14 VE100	19	4.8	0 - 4	100		6 591 977 351	4061245014807
JT3-2H-4.8x19-E14 RAL 7016	19	4.8	0 - 4	100		3 531 977 525	4061245035826
JT3-2H-4.8x19-E14 RAL 9002	19	4.8	0 - 4	100		3 531 977 582	4061245035987
JT3-2H-4.8x19-E14 RAL 9006	19	4.8	0 - 4	100		3 531 977 584	4061245036007
JT3-2H-4.8x19-E14 RAL 9007	19	4.8	0 - 4	100		3 380 209 220	4061245036014
Sealing washer E 14, Ø 14 mm, collated							
JT3-2H-4.8x19-E14 collated	19	4.8	0 - 4	500		3 380 209 000	4061245016566

EJOT® self-drilling screw JT3-2-4.9



Application range

- > Fastening profiled steel or aluminium sheets to timber substructure

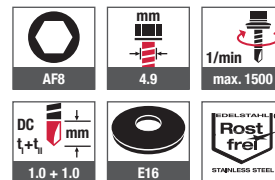
Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

Applications



Technical data



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT3-2-4.9x35-E16	35	4.9	500		3 593 511 321	4061245015453
JT3-2-4.9x35-E16 VE100	35	4.9	100		6 593 511 321	4061245014715
JT3-2-4.9x70-E16	70	4.9	250		3 597 011 321	4061245015057

EJOT® self-drilling screw JT3-FR-2-4.9



Application range

- > Fastening corrugated profile steel or aluminium sheets to timber substructure

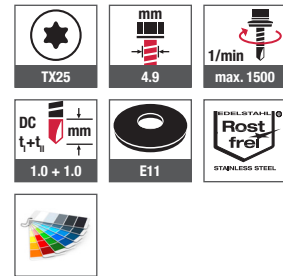
Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With truss head

Applications



Technical data



Cross references

	page
Bit hexalobular TX	379
EJOT FR-Tool	383
EJOT FR-Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Online shop



Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JT3-FR-2-4.9x35-E11	35	4.9	500		3 593 568 328	4061245015446
JT3-FR-2-4.9x35-E11 VE100	35	4.9	100		6 593 568 328	4061245014708
JT3-FR-2-4.9x35-E11 RAL 7016	35	4.9	100		3 390 369 025	4061245034751
JT3-FR-2-4.9x35-E11 RAL 9002	35	4.9	100		3 390 368 082	4061245034812
JT3-FR-2-4.9x35-E11 RAL 9006	35	4.9	100		3 390 368 084	4061245034829
JT3-FR-2-4.9x35-E11 RAL 9007	35	4.9	100		3 390 369 220	4061245034836

EJOT® self-drilling screw JT3-2H-Plus-5.5
EJOT® self-drilling screw JT6-2H-Plus-5.5



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



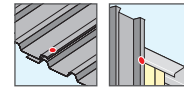
Application range

- > Side lap stitching of profiled steel and aluminium sheets
- > Fastening profiled steel and aluminium sheets to cassette system walls
- > For high-strength steel substructures

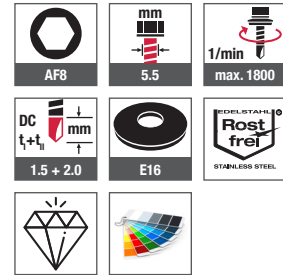
Properties

- > A2/A4 stainless steel with hardened drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under screw head for side lap stitching

Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E16, Ø 16 mm							
JT3-2H-Plus-5.5x25-E16	25	5.5	0 - 7	500		3 592 211 391	4061245015552
JT3-2H-Plus-5.5x25-E16 VE100	25	5.5	0 - 7	100		6 592 211 391	4061245014760
JT3-2H-PLUS 5.5x25 E16 RAL 7016	25	5.5	0 - 7	100		3 592 211 325	4061245034751
JT3-2H-PLUS 5.5x25 E16 RAL 9002	25	5.5	0 - 7	100		3 592 211 382	4061245034812
JT3-2H-PLUS 5.5x25 E16 RAL 9006	25	5.5	0 - 7	100		3 592 211 384	4061245034829
JT3-2H-PLUS 5.5x25 E16 RAL 9007	25	5.5	0 - 7	100		3 380 911 220	4061245044828
JT3-2H-Plus-5.5x35-E16	35	5.5	0 - 16	500		3 592 511 391	4061245015514
JT6 made of A4 stainless steel with sealing washer E16, Ø 16 mm							
JT6-2H-Plus-5.5x25-E16	25	5.5	0 - 7	500		3 592 281 991	4061245015521

Order information: Further lengths upon request.

EJOT® self-drilling screw JT3-FR-2H-Plus-5.5



Cross references **page**

Bit hexalobular TX	379
EJOT FR-Tool	383
EJOT FR-Tool plastic	384
Cordless screwdriver ASCS 6.3	360

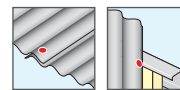
Application range

- > Side lap stitching of profiled steel and aluminium sheets
- > Fastening profiled steel and aluminium sheets to cassette system walls
- > For high-strength steel substructures

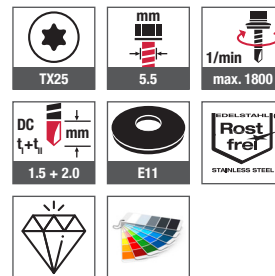
Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under screw head for side lap stitching
- > With truss head

Applications



Technical data



Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm							
JT3-FR-2H-Plus-5.5x25-E11	25	5.5	0 - 7	500		3 592 269 398	4061245015538
JT3-FR-2H-Plus-5.5x25-E11 VE100	25	5.5	0 - 7	100		6 592 269 398	4061245014746
JT3-FR-2H-Plus 5.5x25 E11 RAL 7016	25	5.5	0 - 7	100		3 390 569 025	4061245036465
JT3-FR-2H-Plus 5.5x25 E11 RAL 9002	25	5.5	0 - 7	100		3 390 569 082	4061245036502
JT3-FR-2H-Plus 5.5x25 E11 RAL 9006	25	5.5	0 - 7	100		3 390 569 084	4061245036519
JT3-FR-2H-Plus 5.5x25 E11 RAL 9007	25	5.5	0 - 7	100		3 390 590 220	4061245036526

EJOT® self-drilling screw JT3-2-6.0

**Cross references** **page**

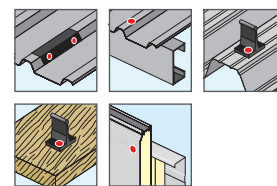
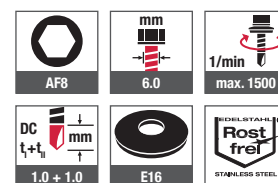
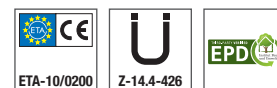
Socket wrench insert 381
Cordless screwdriver ASCS 6.3 360

Online shop**Application range**

- > Fastening profiled aluminium sheets to thin-walled steel, aluminium or timber substructure
- > Fixing standing seam systems (clips)
- > Renovation: Fastening sandwich panels to cassette walls

Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

Applications**Technical data****Certifications**

Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JT3-2-6.0x25-E16	25	6.0	0 - 7	500		3 595 511 321	4061245015200
JT3-2-6.0x35-E16	35	6.0	0 - 16	500		3 595 711 321	4061245015149
JT3-2-6.0x100-E16*	100	6.0	16 - 50	100		3 595 111 321	4061245041650
JT3-2-6.0x120-E16*	120	6.0	36 - 70	100		3 595 211 321	4061245040882
JT3-2-6.0x140-E16*	140	6.0	56 - 90	100		3 595 811 321	4061245040820
JT3-2-6.0x160-E16*	160	6.0	76 - 110	100		3 595 911 321	4061245040813
JT3-2-6.0x180-E16*	180	6.0	96 - 130	100		3 595 311 321	4061245040868
JT3-2-6.0x200-E16*	200	6.0	116 - 150	100		3 596 011 321	4061245040790
JT3-2-6.0x240-E16*	240	6.0	156 - 190	100		3 596 311 321	4061245040769

*Upon request

EJOT® self-drilling screw JT3-2-6.5



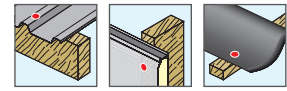
Application range

- > Fastening profiled steel and aluminium sheets, sandwich panels and roofing sheets to timber substructure

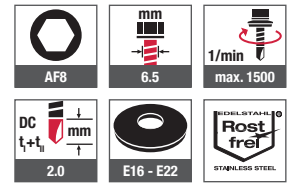
Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

Applications



Technical data



Cross references

	page
ORKAN storm washers	146
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Thread length [mm]	Thickness component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm								
JT3-2-6.5x40-E16	40	6.5	40	-	250		3 594 011 321	4061245015422
JT3-2-6.5x40-E16 VE100	40	6.5	40	-	100		6 594 011 321	4061245014685
JT3-2-6.5x50-E16	50	6.5	50	-	250		3 598 811 321	4061245014968
JT3-2-6.5x50-E16 VE100	50	6.5	50	-	100		6 598 811 321	4061245014586
JT3-2-6.5x65-E16	65	6.5	65	0 - 15	250		3 598 911 321	4061245014951
JT3-2-6.5x65-E16 VE100	65	6.5	65	0 - 15	100		6 598 911 321	4061245014579
JT3-2-6.5x80-E16	80	6.5	80	0 - 30	250		3 598 011 321	4061245015019
JT3-2-6.5x80-E16 VE100	80	6.5	80	0 - 30	100		6 598 011 321	4061245014593
JT3-2-6.5x100-E16	100	6.5	80	16 - 50	100		3 598 111 321	4061245014982





Order description	Length [mm]	Diameter [mm]	Thread length [mm]	Thickness component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-2-6.5x120-E16	120	6.5	80	36 - 70	100		3 598 311 321	4061245014975
Sealing washer E19, Ø 19 mm								
JT3-2-6.5x40-E19	40	6.5	80	-	250		3 594 012 321	4061245041643
JT3-2-6.5x50-E19	50	6.5	80	-	250		3 598 812 321	4061245040707
JT3-2-6.5x65-E19	65	6.5	80	0 - 15	250		3 598 912 321	4061245040691
JT3-2-6.5x80-E19	80	6.5	80	0 - 30	100		3 598 012 321	4061245040745
JT3-2-6.5x100-E19	100	6.5	80	16 - 50	100		3 598 112 321	4061245040721
JT3-2-6.5x120-E19	120	6.5	80	36 - 70	100		3 598 312 321	4061245040714
NEW Sealing washer E22, Ø 22 mm								
JT3-2-6.5x40-E22	40	6.5	80	-	250		3 594 013 321	4061245026251
JT3-2-6.5x40-E22 VE100	40	6.5	80	-	100		6 594 013 321	4061245025421
JT3-2-6.5x50-E22	50	6.5	80	-	250		3 598 813 321	4061245025629
JT3-2-6.5x50-E22 VE100	50	6.5	80	-	100		6 598 813 321	4061245025407
JT3-2-6.5x65-E22	65	6.5	80	0 - 15	250		3 598 913 321	4061245046105
JT3-2-6.5x65-E22 VE100	65	6.5	80	0 - 15	100		6 598 913 321	4061245025391
JT3-2-6.5x80-E22	80	6.5	80	0 - 30	100		3 598 013 321	4061245025711
JT3-2-6.5x100-E22	100	6.5	80	16 - 50	100		3 598 113 321	4061245025704
JT3-2-6.5x120-E22	120	6.5	80	36 - 70	100		3 598 313 321	4061245025674



EJOT® self-drilling screw JT3-6-5.5
EJOT® self-drilling screw JT6-6-5.5



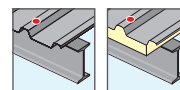
Application range

- > Fastening profiled steel sheets to 1.5–5 mm steel substructure
- > Fastening profiled aluminium sheets and sandwich panels to 1.5-5 mm steel substructure
- > For high-strength steel substructures

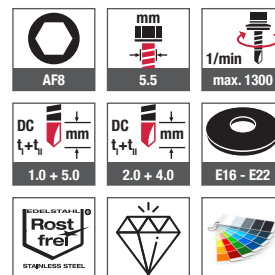
Properties

- > A2/A4 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

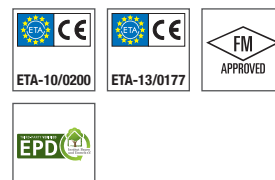
Applications



Technical data



Certifications



Cross references	page
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Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E16, Ø 16 mm							
JT3-6-5.5x25-E16	25	5.5	0 - 7	500		3 572 211 361	4061245015699
JT3-6-5.5x25-E16 VE100	25	5.5	0 - 7	100		6 572 211 361	4061245014852
JT3-6-5.5x25 E16 RAL 7016	25	5.5	0 - 7	100		3 532 211 625	4061245034447
JT3-6-5.5x25 E16 RAL 9002	25	5.5	0 - 7	100		3 532 211 682	4061245034539
JT3-6-5.5x25 E16 RAL 9006	25	5.5	0 - 7	100		3 532 211 684	4061245034546
JT3-6-5.5x25 E16 RAL 9007	25	5.5	0 - 7	100		3 381 011 220	4061245034553
JT3-6-5.5x30-E16	30	5.5	0 - 11	500		3 572 311 361	4061245015675
JT3-6-5.5x30-E16 VE100	30	5.5	0 - 11	100		6 572 311 361	4061245014845
JT3-6-5.5x35-E16	35	5.5	0 - 16	500		3 572 511 361	4061245015668
JT3-6-5.5x35-E16 VE100	35	5.5	0 - 16	100		6 572 511 361	4061245014838
JT3-6-5.5x50-E16	50	5.5	0 - 31	250		3 592 811 361	4061245015484
JT3-6-5.5x50-E16 VE100	50	5.5	0 - 31	100		6 592 811 361	4061245014722
JT3-6-5.5x70-E16	70	5.5	22 - 51	250		3 593 911 361	4061245015439
JT3-6-5.5x70-E16 VE100	70	5.5	22 - 51	100		6 593 911 361	4061245014692
JT3-6-5.5x90-E16	90	5.5	42 - 71	250		3 596 111 361	4061245015118
JT3-6-5.5x90-E16 VE100	90	5.5	42 - 71	100		6 596 111 361	4061245014616
JT3-6-5.5x110-E16	110	5.5	62 - 91	100		3 596 211 361	4061245015101
JT3-6-5.5x130-E16	130	5.5	82 - 111	100		3 596 311 361	4061245015095
JT3-6-5.5x150-E16	150	5.5	102 - 131	100		3 596 411 361	4061245015088
JT3-6-5.5x170-E16	170	5.5	122 - 151	100		3 596 511 361	4061245015071
JT3-6-5.5x190-E16	190	5.5	142 - 171	100		3 596 611 361	4061245015064



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm, loose							
JT3-6-5.5x25-E19	25	5.5	0 - 7	500		3 572 212 361	4061245026657
JT3-6-5.5x30-E19	30	5.5	0 - 11	500		3 572 312 361	4061245026602
JT3-6-5.5x35-E19	35	5.5	0 - 16	500		3 572 512 361	4061245026572
JT3-6-5.5x50-E19	50	5.5	0 - 31	250		3 592 812 361	4061245032306
JT3-6-5.5x70-E19	70	5.5	22 - 51	250		3 593 912 361	4061245026299
JT3-6-5.5x90-E19	90	5.5	42 - 71	100		3 596 112 361	4061245025872
JT3-6-5.5x110-E19	110	5.5	62 - 91	100		3 596 212 361	4061245025841
JT3-6-5.5x130-E19	130	5.5	82 - 111	100		3 596 312 361	4061245032436
JT3-6-5.5x150-E19	150	5.5	102 - 131	100		3 596 412 361	4061245025780
JT3-6-5.5x170-E19	170	5.5	122 - 151	100		3 596 512 361	4061245025766
JT3-6-5.5x190-E19	190	5.5	142 - 171	100		3 596 666 361	4061245025735
JT3 made of A2 stainless steel with sealing washer E 22, Ø 22 mm, loose							
JT3-6-5.5x25-E22	25	5.5	0 - 7	500		3 572 213 361	4061245026640
NEW JT3-6-5.5x25-E22 VE100	25	5.5	0 - 7	100		6 572 213 361	4061245051963
JT3-6-5.5x30-E22	30	5.5	0 - 11	500		3 572 313 361	4061245026596
JT3-6-5.5x35-E22	35	5.5	0 - 16	500		3 572 513 361	4061245026565
JT3-6-5.5x50-E22	50	5.5	0 - 31	250		3 592 813 361	4061245026367
JT3-6-5.5x70-E22	70	5.5	22 - 51	250		3 593 913 361	4061245026282
JT3-6-5.5x90-E22	90	5.5	42 - 71	100		3 596 113 361	4061245025865
JT3-6-5.5x110-E22	110	5.5	62 - 91	100		3 596 213 361	4061245025834
JT3-6-5.5x130-E22	130	5.5	82 - 111	100		3 596 313 361	4061245025797
JT3-6-5.5x150-E22	150	5.5	102 - 131	100		3 596 413 361	4061245025773
JT3-6-5.5x170-E22	170	5.5	122 - 151	100		3 596 513 361	4061245025759
JT3-6-5.5x190-E22	190	5.5	142 - 171	100		3 596 613 361	4061245025742
JT6 made of A4 stainless steel with sealing washer E16, Ø 16 mm							
JT6-6-5.5x25-E16	25	5.5	0 - 7	500		3 572 281 991	4061245015682
Order information: Further lengths upon request.							

EJOT® self-drilling screw JT3-FR-6-5.5



Application range

- > Fastening corrugated profile steel sheets to 1.5–5 mm steel substructure
- > Fastening profiled aluminium sheets to 1.5-5 mm steel or 2-5 mm aluminium substructures

Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With truss head

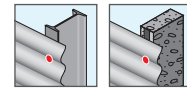
Cross references

	page
Bit hexalobular TX	379
EJOT FR-Tool	383
EJOT FR-Tool plastic	384
Cordless screwdriver ASCS 6.3	360

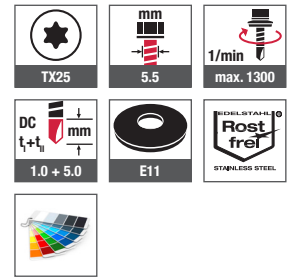
Online shop



Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm							
JT3-FR-6-5.5x25-E11	25	5.5	0 - 7	500		3 592 269 368	4061245015545
JT3-FR-6-5.5x25-E11 VE100	25	5.5	0 - 7	100		6 592 269 368	4061245014753
JT3-FR-6-5.5x25 E11 RAL 7016	25	5.5	0 - 7	100		3 390 469 025	4061245034966
JT3-FR-6-5.5x25 E11 RAL 9002	25	5.5	0 - 7	100		3 390 469 082	4061245034980
JT3-FR-6-5.5x25 E11 RAL 9006	25	5.5	0 - 7	100		3 390 469 084	4061245035000
JT3-FR-6-5.5x25 E11 RAL 9007	25	5.5	0 - 7	100		3 390 469 220	4061245035017
JT3-FR-6-5.5x35-E11	35	5.5	0 - 17	500		3 592 569 368	4061245015491
JT3-FR-6-5.5x35-E11 VE100	35	5.5	0 - 17	100		6 592 569 368	4061245014739

EJOT® self-drilling screw JT3-FR-12-5.5



Application range

- > Fastening profiled steel and aluminium sheets to 4-10 mm steel substructures
- > Fastening profiled aluminium sheets to 4-12 mm aluminium substructures

Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With truss head

Cross references

Bit hexalobular TX	page
EJOT FR-Tool	379
EJOT FR-Tool plastic	383
Cordless screwdriver ASCS 6.3	384
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Online shop



Applications



Technical data

TX25	5.5	1/min max. 1300
DC t+t1 1.0 + 12.0	DC t+t1 2.0 + 10.0	E11
Rostfret STAINLESS STEEL		

Certifications

ETA-10/0200	ETA-13/0177	EPD
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Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm							
JT3-FR-12-5.5x40-E11	40	5.5	11	500		3 595 669 318	4061245015170



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® self-drilling screw JT3-12-5.5
EJOT® self-drilling screw JT6-12-5.5



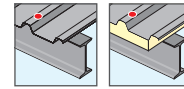
Application range

- > Fastening profiled steel and aluminium sheets and sandwich panels to 4-10 mm steel substructure
- > Fastening aluminium profiled sheets to 4-12 mm aluminium substructures

Properties

- > A2/A4 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

Applications



Technical data

 AF8	 5.5	 1/min max. 1300
 DC t ₁ +t ₂ 1.0 + 12.0	 DC t ₁ +t ₂ 2.0 + 10.0	 E16 - E22

Certifications

 ETA-10/0200	 ETA-13/0177	

Cross references	page
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Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E16, Ø 16 mm							
JT3-12-5.5x40-E16	40	5.5	0 - 11	500		3 595 611 311	4061245015187
JT3-12-5.5x40-E16 VE100	40	5.5	0 - 11	100		6 595 611 311	4061245014630
JT3-12-5.5x58-E16	58	5.5	0 - 31	250		3 595 811 311	4061245015132
JT3-12-5.5x58-E16 VE100	58	5.5	0 - 31	100		6 595 811 311	4061245014623
JT3-12-5.5x78-E16	78	5.5	25 - 51	250		3 595 011 311	4061245015316
JT3-12-5.5x78-E16 VE100	78	5.5	25 - 51	100		6 595 011 311	4061245014647
JT3-12-5.5x98-E16	98	5.5	45 - 71	100		3 595 111 311	4061245015286
JT3-12-5.5x118-E16	118	5.5	65 - 91	100		3 595 211 311	4061245015262
JT3-12-5.5x138-E16	138	5.5	85 - 111	100		3 595 311 311	4061245015248
JT3-12-5.5x158-E16	158	5.5	105 - 131	100		3 595 411 311	4061245015224
JT3-12-5.5x178-E16	178	5.5	125 - 151	100		3 595 511 311	4061245015217
JT3-12-5.5x198-E16	198	5.5	145 - 171	100		3 595 711 311	4061245015156





Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm, loose							
JT3-12-5.5x40-E19	40	5.5	0 - 11	500		3 595 612 311	4061245040837
JT3-12-5.5x58-E19	58	5.5	0 - 31	250		3 595 812 311	4061245025896
JT3-12-5.5x78-E19	78	5.5	25 - 51	250		3 595 012 311	4061245026145
JT3-12-5.5x98-E19	98	5.5	45 - 71	100		3 595 112 311	4061245026107
JT3-12-5.5x118-E19	118	5.5	65 - 91	100		3 595 212 311	4061245026053
JT3-12-5.5x138-E19	138	5.5	85 - 111	100		3 595 312 311	4061245026022
JT3-12-5.5x158-E19	158	5.5	105 - 131	100		3 595 412 311	4061245025995
JT3-12-5.5x178-E19	178	5.5	125 - 151	100		3 595 512 311	4061245025971
JT3-12-5.5x198-E19	198	5.5	145 - 171	100		3 595 712 311	4061245025919
JT3 made of A2 stainless steel with sealing washer E 22, Ø 22 mm, loose							
JT3-12-5.5x40-E22	40	5.5	0 - 11	250		3 595 613 311	4061245025926
NEW JT3-12-5.5x40 E22 VE100	40	5.5	0 - 11	100		6 595 613 311	4061245025414
JT3-12-5.5x58-E22	58	5.5	0 - 31	250		3 595 813 311	4061245025889
JT3-12-5.5x78-E22	78	5.5	25 - 51	250		3 595 013 311	4061245026138
JT3-12-5.5x98-E22	98	5.5	45 - 71	100		3 595 113 311	4061245026091
JT3-12-5.5x118-E22	118	5.5	65 - 91	100		3 595 213 311	4061245026046
JT3-12-5.5x138-E22	138	5.5	85 - 111	100		3 595 313 311	4061245026015
JT3-12-5.5x158-E22	158	5.5	105 - 131	100		3 595 413 311	4061245025988
JT3-12-5.5x178-E22	178	5.5	125 - 151	100		3 595 513 311	4061245025964
JT3-12-5.5x198-E22	198	5.5	145 - 171	100		3 595 713 311	4061245025902
JT6 made of A4 stainless steel with sealing washer E16, Ø 16 mm							
JT6-12-5.5x40-E16	40	5.5	0 - 11	500		3 595 681 991	4061245015163
Order information: Further lengths upon request.							

EJOT® self-drilling screw JT3-18-5.5



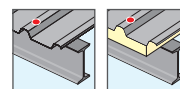
Application range

- > Fastening profiled steel or aluminium sheets and sandwich panels to steel substructures 4-16 mm

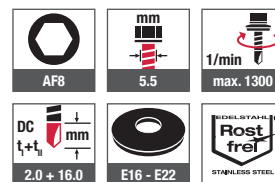
Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

Applications



Technical data



Cross references

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Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JT3-18-5.5x55-E16	55	5.5	0 - 18	500		3 593 011 381	4061245015477
JT3-18-5.5x115-E16	115	5.5	40 - 81	100		3 595 011 381	4061245015309
JT3-18-5.5x155-E16	155	5.5	80 - 121	100		3 595 511 381	4061245015194
JT3-18-5.5x195-E16	195	5.5	120 - 161	100		3 596 011 381	4061245015125
JT3-18-5.5x235-E16	235	5.5	160 - 201	100		3 597 511 381	4061245015033
JT3-18-5.5x275-E16	275	5.5	200 - 241	100		3 598 011 381	4061245015002
Sealing washer E19, Ø 19 mm							
JT3-18-5.5x55-E19	55	5.5	0 - 18	250		3 593 012 381	4061245041018
JT3-18-5.5x115-E19	115	5.5	40 - 81	100		3 595 012 381	4061245040929
JT3-18-5.5x155-E19	155	5.5	80 - 121	100		3 595 512 381	4061245040851
JT3-18-5.5x195-E19	195	5.5	120 - 161	100		3 596 012 381	4061245040783
JT3-18-5.5x235-E19	235	5.5	160 - 201	100		3 597 512 381	4061245040752
JT3-18-5.5x275-E19	275	5.5	200 - 241	100		3 598 012 381	4061245044453
Sealing washer E22, Ø 22 mm							
JT3-18-5.5x55-E22	55	5.5	0 - 18	250		3 593 013 381	4061245026336
JT3-18-5.5x115-E22	115	5.5	40 - 81	100		3 595 013 381	4061245040912
JT3-18-5.5x155-E22	155	5.5	80 - 121	100		3 595 513 381	4061245040844
JT3-18-5.5x195-E22	195	5.5	120 - 161	100		3 596 013 381	4061245040776
JT3-18-5.5x235-E22	235	5.5	160 - 201	100		3 597 513 381	4061245044446
JT3-18-5.5x275-E22	275	5.5	200 - 241	100		3 598 013 381	4061245040738

EJOT® self-drilling screw JT3-ST-2-6.0



Application range

- > Fastening rail systems with intermediate insulation to thin-walled steel, aluminium or timber substructure
- > Fastening timber parts to thin-walled steel or aluminium substructure

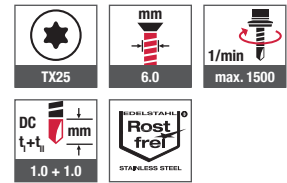
Properties

- > A2 stainless steel with hardened steel drill point
- > With countersunk head

Applications



Technical data



Certifications



Cross references	page
Bit hexalobular TX	379
Bit holder	379
Cordless screwdriver ASCS 6.3	360
Flat roof profile FP	222
Stress plate EcoTek 50	228

Online shop



Order description	Length [mm]	Diameter [mm]	Thread length [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-ST-2-6.0x35	35	6.0	35	0 - 20	500		7 382 160 301	4061245014104
JT3-ST-2-6.0x60	60	6.0	45	15 - 45	250		7 382 125 301	4061245014111
JT3-ST-2-6.0x80	80	6.0	65	15 - 65	250		7 382 107 301	4061245014128
JT3-ST-2-6.0x100	100	6.0	65	35 - 85	250		7 382 101 301	4061245014180
JT3-ST-2-6.0x120	120	6.0	65	55 - 105	250		7 382 102 301	4061245014173
JT3-ST-2-6.0x140	140	6.0	65	75 - 125	250		7 382 103 301	4061245014166
JT3-ST-2-6.0x160	160	6.0	65	95 - 145	100		7 382 104 301	4061245014159
JT3-ST-2-6.0x180	180	6.0	65	115 - 165	100		7 382 105 301	4061245014142
JT3-ST-2-6.0x200	200	6.0	65	135 - 185	100		7 382 106 301	4061245014135
JT3-ST-2-6.0x220*	220	6.0	65	155 - 205	100		7 382 197 301	4061245040424

*Upon request

EJOT® self-drilling screw JT3-D-2H-6.5/7.0



Application range

- > Fastening sandwich panels to timber substructure

Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under the screw head
- > High thread

Applications



Technical data

AF8	6.5	1/min max. 1500
DC t+t ₁ 2.0	7.0	E16 - E22
Rostfrei STAINLESS STEEL		

Certifications



Cross references

	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Online shop



Order description	Length [mm]	Diameter [mm]	Thickness component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JT3-D-2H-6.5/7.0x100 E16	100	6.5	16 - 50	100		3 558 411 351	4061245026961
JT3-D-2H-6.5/7.0x120 E16	120	6.5	36 - 70	100		3 558 511 351	4061245026947
JT3-D-2H-6.5/7.0x140 E16	140	6.5	56 - 90	100		3 558 611 351	4061245026923
JT3-D-2H-6.5/7.0x160 E16	160	6.5	76 - 110	100		3 558 711 351	4061245026909
JT3-D-2H-6.5/7.0x180 E16	180	6.5	96 - 130	100		3 558 811 351	4061245026886
JT3-D-2H-6.5/7.0x200 E16	200	6.5	116 - 150	100		3 558 911 351	4061245026862
JT3-D-2H-6.5/7.0x220 E16	220	6.5	136 - 170	100		3 559 311 351	4061245026787
JT3-D-2H-6.5/7.0x240 E16	240	6.5	156 - 190	100		3 559 011 351	4061245026848
JT3-D-2H-6.5/7.0x260 E16	260	6.5	176 - 210	100		3 559 411 351	4061245044460
JT3-D-2H-6.5/7.0x280 E16	280	6.5	196 - 230	100		3 559 111 351	4061245026824





Order description	Length [mm]	Diameter [mm]	Thickness component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-D-2H-6.5/7.0x300 E16	300	6.5	216 - 250	100		3 559 211 351	4061245026800
Sealing washer E19, Ø 19 mm							
JT3-D-2H-6.5/7.0x100-E19	100	6.5	16 - 50	100		3 558 466 351	4061245015866
JT3-D-2H-6.5/7.0x120-E19	120	6.5	36 - 70	100		3 558 566 351	4061245015859
JT3-D-2H-6.5/7.0x140-E19	140	6.5	56 - 90	100		3 558 666 351	4061245015842
JT3-D-2H-6.5/7.0x160-E19	160	6.5	76 - 110	100		3 558 766 351	4061245015835
JT3-D-2H-6.5/7.0x180-E19	180	6.5	96 - 130	100		3 558 866 351	4061245009124
JT3-D-2H-6.5/7.0x200-E19	200	6.5	116 - 150	100		3 558 966 351	4061245009131
JT3-D-2H-6.5/7.0x220-E19	220	6.5	136 - 170	100		3 559 366 351	4061245009148
JT3-D-2H-6.5/7.0x240-E19	240	6.5	156 - 190	100		3 559 066 351	4061245015828
JT3-D-2H-6.5/7.0x260-E19	260	6.5	176 - 210	100		3 559 466 351	4061245015798
JT3-D-2H-6.5/7.0x280-E19	280	6.5	196 - 230	100		3 559 166 351	4061245015811
JT3-D-2H-6.5/7.0x300-E19	300	6.5	216 - 250	100		3 559 266 351	4061245015804
Sealing washer E22, Ø 22 mm							
JT3-D-2H-6.5/7.0x100 E22	100	6.5	16 - 50	100		3 558 413 351	4061245026954
JT3-D-2H-6.5/7.0x120 E22	120	6.5	36 - 70	100		3 558 513 351	4061245026930
JT3-D-2H-6.5/7.0x140 E22	140	6.5	56 - 90	100		3 558 613 351	4061245026916
JT3-D-2H-6.5/7.0x160 E22	160	6.5	76 - 110	100		3 558 713 351	4061245026893
JT3-D-2H-6.5/7.0x180 E22	180	6.5	96 - 130	100		3 558 813 351	4061245026879
JT3-D-2H-6.5/7.0x200 E22	200	6.5	116 - 150	100		3 558 913 351	4061245026855
JT3-D-2H-6.5/7.0x220 E22	220	6.5	136 - 170	100		3 559 313 351	4061245026770
JT3-D-2H-6.5/7.0x240 E22	240	6.5	156 - 190	100		3 559 013 351	4061245026831
JT3-D-2H-6.5/7.0x260 E22	260	6.5	176 - 210	100		3 559 413 351	4061245044477
JT3-D-2H-6.5/7.0x280 E22	280	6.5	196 - 230	100		3 559 113 351	4061245026817
JT3-D-2H-6.5/7.0x300 E22	300	6.5	216 - 250	100		3 559 213 351	4061245026794

EJOT® self-drilling screw JT3-D-6H-5.5/6.3

EJOT® self-drilling screw JT6-D-6H-5.5/6.3



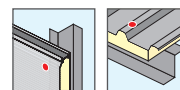
Application range

- > Fastening sandwich panels to 1.5–5 mm steel substructure
- > For high-strength steel substructures

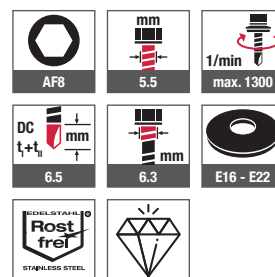
Properties

- > A2/A4 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under the screw head
- > High thread

Applications



Technical data



Certifications



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E16, Ø 16 mm							
JT3-D-6H-5.5/6.3x67 E16	67	5.5	30 - 48	250		3 554 511 372	4061245027241
JT3-D-6H-5.5/6.3x87 E16	87	5.5	41 - 68	250		3 556 011 371	4061245027142
JT3-D-6H-5.5/6.3x107 E16	107	5.5	51 - 88	100		3 556 111 371	4061245027128
JT3-D-6H-5.5/6.3x127 E16	127	5.5	71 - 108	100		3 556 211 371	4061245027104
JT3-D-6H-5.5/6.3x147 E16	147	5.5	91 - 128	100		3 556 311 371	4061245027081
JT3-D-6H-5.5/6.3x167 E16	167	5.5	111 - 148	100		3 556 711 371	4061245027043
JT3-D-6H-5.5/6.3x197 E16	197	5.5	141 - 178	100		3 559 711 372	4061245026725
JT3-D-6H-5.5/6.3x237 E16	237	5.5	171 - 218	100		3 559 611 372	4061245026749
JT3-D-6H-5.5/6.3x267 E16	267	5.5	201 - 248	100		3 559 911 372	4061245026688





Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm, loose							
JT3-D-6H-5.5/6.3x67-E19	67	5.5	30 - 48	100		3 554 566 372	4061245016047
JT3-D-6H-5.5/6.3x87-E19	87	5.5	41 - 68	100		3 556 066 371	4061245015989
JT3-D-6H-5.5/6.3x107-E19	107	5.5	51 - 88	100		3 556 166 371	4061245015972
JT3-D-6H-5.5/6.3x127-E19	127	5.5	71 - 108	100		3 556 266 371	4061245015965
JT3-D-6H-5.5/6.3x147-E19	147	5.5	91 - 128	100		3 556 366 371	4061245015941
JT3-D-6H-5.5/6.3x167-E19	167	5.5	111 - 148	100		3 556 766 371	4061245015910
JT3-D-6H-5.5/6.3x197-E19	197	5.5	141 - 178	100		3 559 766 372	4061245015743
JT3-D-6H-5.5/6.3x237-E19	237	5.5	171 - 218	100		3 559 666 372	4061245015767
JT3-D-6H-5.5/6.3x267-E19	267	5.5	201 - 248	100		3 559 966 372	4061245015705
JT6 made of A4 stainless steel with sealing washer E 19, Ø 19 mm, loose							
JT6-D-6H-5.5/6.3x127-E19	127	5.5	71 - 108	100		3 556 282 971	4061245015958
JT6-D-6H-5.5/6.3x147-E19	147	5.5	91 - 128	100		3 556 382 971	4061245015934
JT6-D-6H-5.5/6.3x167-E19	167	5.5	111 - 148	100		3 556 782 971	4061245015903
JT6-D-6H-5.5/6.3x197-E19	197	5.5	141 - 178	100		3 559 782 972	4061245015736
JT6-D-6H-5.5/6.3x237-E19	237	5.5	171 - 218	100		3 559 682 972	4061245015750
JT3 made of A2 stainless steel with sealing washer E 22, Ø 22 mm, loose							
JT3-D-6H-5.5/6.3x67 E22	67	5.5	30 - 48	100		3 554 513 372	4061245027234
JT3-D-6H-5.5/6.3x87 E22	87	5.5	41 - 68	100		3 556 013 371	4061245027135
JT3-D-6H-5.5/6.3x107 E22	107	5.5	51 - 88	100		3 556 113 371	4061245027111
JT3-D-6H-5.5/6.3x127 E22	127	5.5	71 - 108	100		3 556 213 371	4061245027098
JT3-D-6H-5.5/6.3x147 E22	147	5.5	91 - 128	100		3 556 313 371	4061245027074
JT3-D-6H-5.5/6.3x167 E22	167	5.5	111 - 148	100		3 556 713 371	4061245027036
JT3-D-6H-5.5/6.3x197 E22	197	5.5	141 - 178	100		3 559 713 372	4061245032610
JT3-D-6H-5.5/6.3x237 E22	237	5.5	171 - 218	100		3 559 613 372	4061245026732
JT3-D-6H-5.5/6.3x267 E22	267	5.5	201 - 248	100		3 559 913 372	4061245026671



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® self-drilling screw JT3-D-12H-5.5/6.3
 EJOT® self-drilling screw JT6-D-12H-5.5/6.3



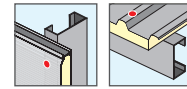
Application range

- > Fastening sandwich panels to 3–12 mm steel substructure








Properties

- > A2/A4 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under the screw head
- > High thread

Applications



Technical data

 AF8	 5.5	 1/min max. 1300
 13	 6.3	 E16 - E22
 STAINLESS STEEL		

Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E16, Ø 16 mm							
JT3-D-12H-5.5/6.3x75 E16	75	5.5	41 - 48	250		3 557 511 312	4061245026985
JT3-D-12H-5.5/6.3x95 E16	95	5.5	51 - 68	100		3 554 911 311	4061245027227
JT3-D-12H-5.5/6.3x115 E16	115	5.5	61 - 88	100		3 555 211 311	4061245027203
JT3-D-12H-5.5/6.3x135 E16	135	5.5	73 - 108	100		3 555 411 311	4061245027180
JT3-D-12H-5.5/6.3x155 E16	155	5.5	93 - 128	100		3 555 711 311	4061245027166
JT3-D-12H-5.5/6.3x175 E16	175	5.5	113 - 148	100		3 556 511 312	4061245027067
JT3-D-12H-5.5/6.3x195 E16	195	5.5	133 - 168	100		3 559 511 312	4061245026763
JT3-D-12H-5.5/6.3x215 E16	215	5.5	153 - 188	100		3 559 611 312	4061245041025
JT3-D-12H-5.5/6.3x245 E16	245	5.5	173 - 218	100		3 559 811 312	4061245026701
JT3-D-12H-5.5/6.3x275 E16	275	5.5	203 - 248	100		3 557 311 312	4061245027029
JT3-D-12H-5.5/6.3x300 E16	300	5.5	228 - 273	100		3 557 411 312	4061245027005





Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm, loose							
JT3-D-12H-5.5/6.3x75-E19	75	5.5	41 - 48	100		3 557 566 312	4061245015873
JT3-D-12H-5.5/6.3x95-E19	95	5.5	51 - 68	100		3 554 966 311	4061245016030
JT3-D-12H-5.5/6.3x115-E19	115	5.5	61 - 88	100		3 555 266 311	4061245016023
JT3-D-12H-5.5/6.3x135-E19	135	5.5	73 - 108	100		3 555 466 311	4061245016016
JT3-D-12H-5.5/6.3x155-E19	155	5.5	93 - 128	100		3 555 766 311	4061245009155
JT3-D-12H-5.5/6.3x175-E19	175	5.5	113 - 148	100		3 556 566 312	4061245009162
JT3-D-12H-5.5/6.3x195-E19	195	5.5	133 - 168	100		3 559 566 312	4061245009179
JT3-D-12H-5.5/6.3x215-E19	215	5.5	153 - 188	100		3 559 666 312	4061245015774
JT3-D-12H-5.5/6.3x245-E19	245	5.5	173 - 218	100		3 559 866 312	4061245015729
JT3-D-12H-5.5/6.3x275-E19	275	5.5	203 - 248	100		3 557 366 312	4061245015897
JT3-D-12H-5.5/6.3x300-E19	300	5.5	228 - 273	100		3 557 466 312	4061245015880
JT6 made of A4 stainless steel with sealing washer E 19, Ø 19 mm, loose							
JT6-D-12H-5.5/6.3x135-E19	135	5.5	73 - 108	100		3 555 482 911	4061245016009
JT6-D-12H-5.5/6.3x155-E19	155	5.5	93 - 128	100		3 555 782 911	4061245015996
JT6-D-12H-5.5/6.3x175-E19	175	5.5	113 - 148	100		3 556 582 912	4061245015927
JT6-D-12H-5.5/6.3x195-E19	195	5.5	133 - 168	100		3 559 582 912	4061245015781
JT6-D-12H-5.5/6.3x245-E19	245	5.5	173 - 218	100		3 559 882 912	4061245015712
JT3 made of A2 stainless steel with sealing washer E 22, Ø 22 mm, loose							
JT3-D-12H-5.5/6.3x75 E22	75	5.5	41 - 48	100		3 557 513 312	4061245026978
JT3-D-12H-5.5/6.3x95 E22	95	5.5	51 - 68	100		3 554 913 311	4061245027210
JT3-D-12H-5.5/6.3x115 E22	115	5.5	61 - 88	100		3 555 213 311	4061245027197
JT3-D-12H-5.5/6.3x135 E22	135	5.5	73 - 108	100		3 555 413 311	4061245027173
JT3-D-12H-5.5/6.3x155 E22	155	5.5	93 - 128	100		3 555 713 311	4061245027159
JT3-D-12H-5.5/6.3x175 E22	175	5.5	113 - 148	100		3 556 513 312	4061245027050
JT3-D-12H-5.5/6.3x195 E22	195	5.5	133 - 168	100		3 559 513 312	4061245026756
JT3-D-12H-5.5/6.3x215 E22	215	5.5	153 - 188	100		3 559 613 312	4061245044484
JT3-D-12H-5.5/6.3x245 E22	245	5.5	173 - 218	100		3 559 813 312	4061245026695
JT3-D-12H-5.5/6.3x275 E22	275	5.5	203 - 248	100		3 557 313 312	4061245027012
JT3-D-12H-5.5/6.3x300 E22	300	5.5	228 - 273	100		3 557 413 312	4061245026992

EJOT® self-drilling screw JT3-WD-6-5.5



Application range

- > Special screw for fastening wood to steel substructures

Properties

- > A2 stainless steel with hardened steel drill point
- > The wings ream out the wood larger than the thread diameter
- > The wings prevent force feeding of the screw and thus possible damage to the drill point or locking of the assembly parts.

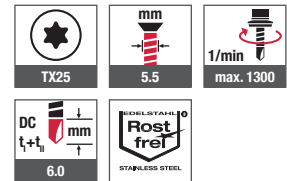
Notice

To ensure shearing of the wings, the material thickness of the steel substructure must be at least 2.0 mm.

Applications

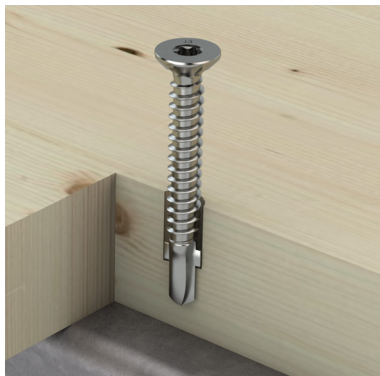


Technical data



Cross references

	page
Bit hexalobular TX	379
Bit holder	379
Cordless screwdriver ASCS 6.3	360



Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-WD-6-5.5x45-R	45	5.5	0 - 26	500		7 382 195 301	4061245014081
JT3-WD-6-5.5x65-R	65	5.5	0 - 46	500		7 382 194 301	4061245014098

EJOT® self-drilling screw JT3-X-2-6.0



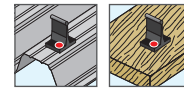
Application range

- > Fixing standing seam systems (clips) to 0.55–1.5 mm steel substructure
- > Fixing standing seam systems (clips) to 0.8–1.5 mm aluminium substructure or timber substructure

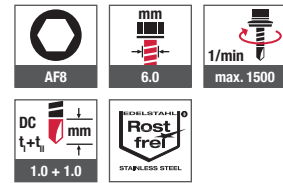
Properties

- > A2 stainless steel with hardened steel drill point
- > Under-head serrations to increase the installation reliability
- > Special thread for thin-walled components
- > High stripping torque
- > Installation without special tools

Applications



Technical data



Certifications



Cross references page

Socket wrench insert 381
Cordless screwdriver ASCS 6.3 360

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-X-2-6.0x25	25	6.0	0 - 10	500		7 380 539 301	4061245014296
JT3-X-2-6.0x36	36	6.0	0 - 20	500		7 380 516 301	4061245014319
JT3-X-2-6.0x46	46	6.0	0 - 30	500		7 380 517 301	4061245014302



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



NEW EJOFAST® self-drilling screw JF3-LT-2-5.5



Application range

- > Fastening small metal shingles to 0.4-1.0 mm profiled steel sheet
- > Also suitable for fastening brackets to trapezoidal profiles

Properties

- > A2 stainless steel with hardened steel drill point
- > Pan head
- > Fastening without swarf*

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Cross references **page**

Bit hexalobular TX	379
EJOT LT-Tool	384
Cordless screwdriver ASCS 6.3	360

Online shop



Applications



Technical data

TX25	1/1800	DC t+t
2.0	12.0	1.0 + 1.0

Rost frei
STAINLESS STEEL

Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JF3-LT-2-5.5x25	25	5.5	500		7 381 207 301	4061245061627

EJOT® self-drilling screw JT3-2H-(40/80)-6.0/6.0



Application range

- > Spacer bolt for fastening profiled steel and aluminium sheets to cassette bars with insulation
- > Fastening lesenes to insulated cassette bars
- > Also suitable for fastening shear-deformable wall claddings
- > For 40 and 80 mm insulations

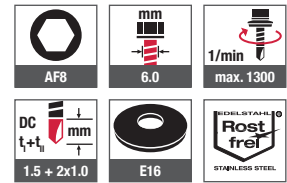
Properties

- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Special thread geometry allows a quick removal of the screw
- > No pre-drilling of the outer shell required

Applications



Technical data



Certifications



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360

Order description	Length [mm]	Diameter [mm]	For insulation [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JT3-2H-40-6.0/6.0x64 E16	64	6.0	40	100		3 594 011 351	4061245041001
JT3-2H-80-6.0/6.0x104 E16	104	6.0	80	100		3 594 211 351	4061245040998

No pre-drilling: right, left, right – done!

EJOT® spacer bolt
for insulated cassette walls

The new spacer bolt with right-left-right thread for a perfect fastening of profiled ceiling elements and lesenes to insulated cassette wall systems. It saves time since a pre-drilling of the outer sheet is omitted and an easy disassembly of the facade system is possible.

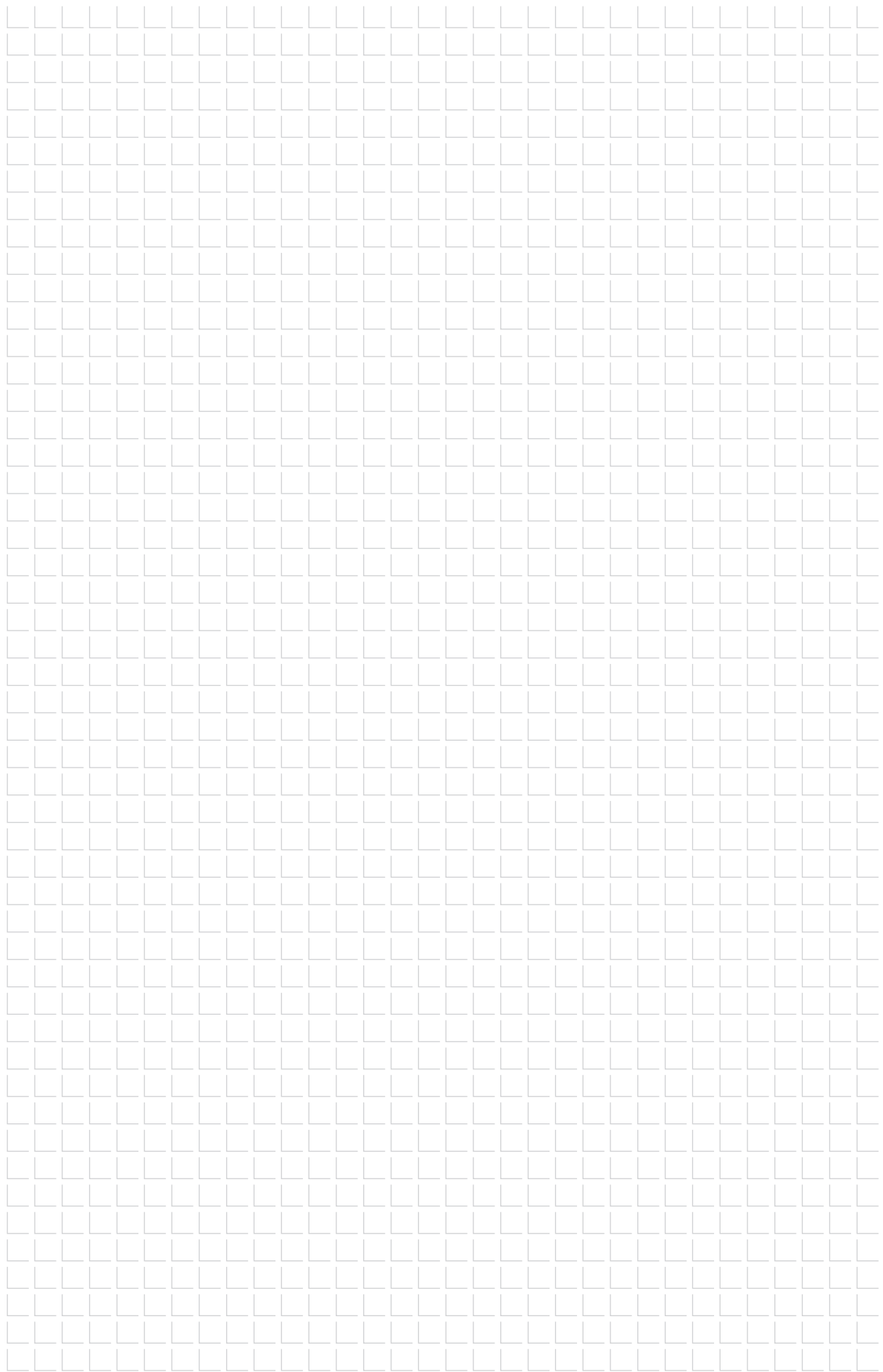
www.ejot.com



 YouTube



Watch the video now:
<https://www.youtube.com/watch?v=j0rmJOG2-ds>



EJOT® self-drilling screw JT4-4-4.8



Application range

- > Fastening aluminium profiles to aluminium substructure
≤3 mm

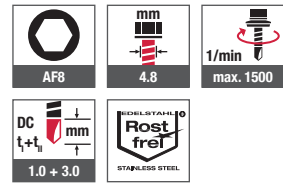
Properties

- > A2 stainless steel

Applications



Technical data



Certifications



Cross references page

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-4-4.8x19	19	4.8	0 - 9	1,000		7 380 387 300	4061245014357
JT4-4-4.8x19 VE100	19	4.8	0 - 9	100		6 380 387 300	4061245014883

EJOT® self-drilling screw JT4-FR-4-4.8



Application range

- > Fastening aluminium corrugated profile sheet to aluminium substructure ≤ 3 mm
- > Fastening facade panels to aluminium substructure

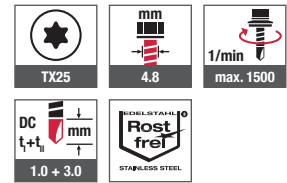
Properties

- > A2 stainless steel
- > With truss head

Applications



Technical data



Cross references	page
Bit hexalobular TX	379
EJOT FR-Tool	383
EJOT FR-Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Online shop



Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-FR-4-4.8x19	19	4.8	0 - 9	1,000		7 381 095 300	4061245014241



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® self-drilling screw JT4-FR-4-5.5



Application range

- > Fastening aluminium corrugated profile sheet to aluminium substructure ≤ 3 mm
- > Fastening facade panels to aluminium substructure

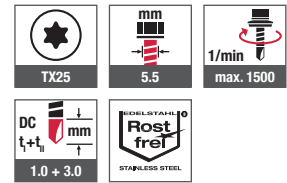
Properties

- > A2 stainless steel
- > With truss head

Applications



Technical data



Cross references

	page
Bit hexalobular TX	379
EJOT FR-Tool	383
EJOT FR-Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Online shop



Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-FR-4-5.5x19	19	5.5	0 -11	1,000		7 381 138 300	4061245014234

EJOT® self-drilling screw JT4-6-5.5

EJOT® self-drilling screw JT9-6-5.5



Application range

- > Fastening aluminium profiles to aluminium substructure ≤4 mm

Properties

- > A2 or A4 stainless steel

Cross references **page**

Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Online shop



Applications



Technical data

AF8	5.5	1/min max. 1500
DC t+t 2.0 + 4.0	Rostfret STAINLESS STEEL	

Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4 made of A2 stainless steel							
JT4-6-5.5x22	22	5.5	0 - 10	500		7 380 508 301	4061245014340
JT4-6-5.5x30	30	5.5	0 - 18	500		7 380 509 301	4061245014326
JT9 made of A4 stainless steel							
JT9-6-5.5x22	22	5.5	0 - 10	500		7 380 508 341	4061245014333

EJOT® self-drilling screw JT4-FR-2-4.9



Application range

- > Fastening corrugated profile aluminium sheets to timber substructure
- > Fastening facade panels to timber substructure

Properties

- > A2 stainless steel
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Thread according to DIN 7998
- > With truss head

Cross references	page
FR-tool	383
Cordless metal screwdriver ASCS	360

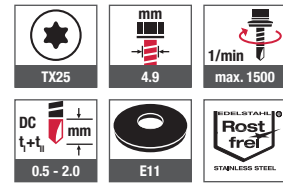
Online shop



Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JT4-FR-2-4.9x35-E11	35	4.9	500		3 503 568 420	4061245016108

EJOT® self-drilling screw JT4-FZ-6.5



Field of application

- > Fastening corrugated fibre cement sheets to timber substructures

Properties

- > A2 stainless steel
- > Pre-assembled FZD sealing washer
- > A2 stainless steel washer
- > Screw wings save additional drilling into the corrugated slabs
- > Reduced forcing tension

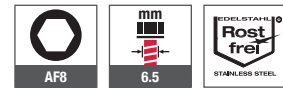
Notice

Suitable for covering with fibre cement corrugated sheet profile 177/51 P5 and P6 to timber substructure without insulation. For the dimensioning and the use of fastening materials please note the manufacturer's instructions for use as well as the national approvals.

Applications



Technical data



Certifications



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Long screw support SH2	360
JT2-FZ-F-6.5x130-FZD	66

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-FZ-6.5x130-FZD	130	6.5	100		3 515 675 400	4061245016061



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

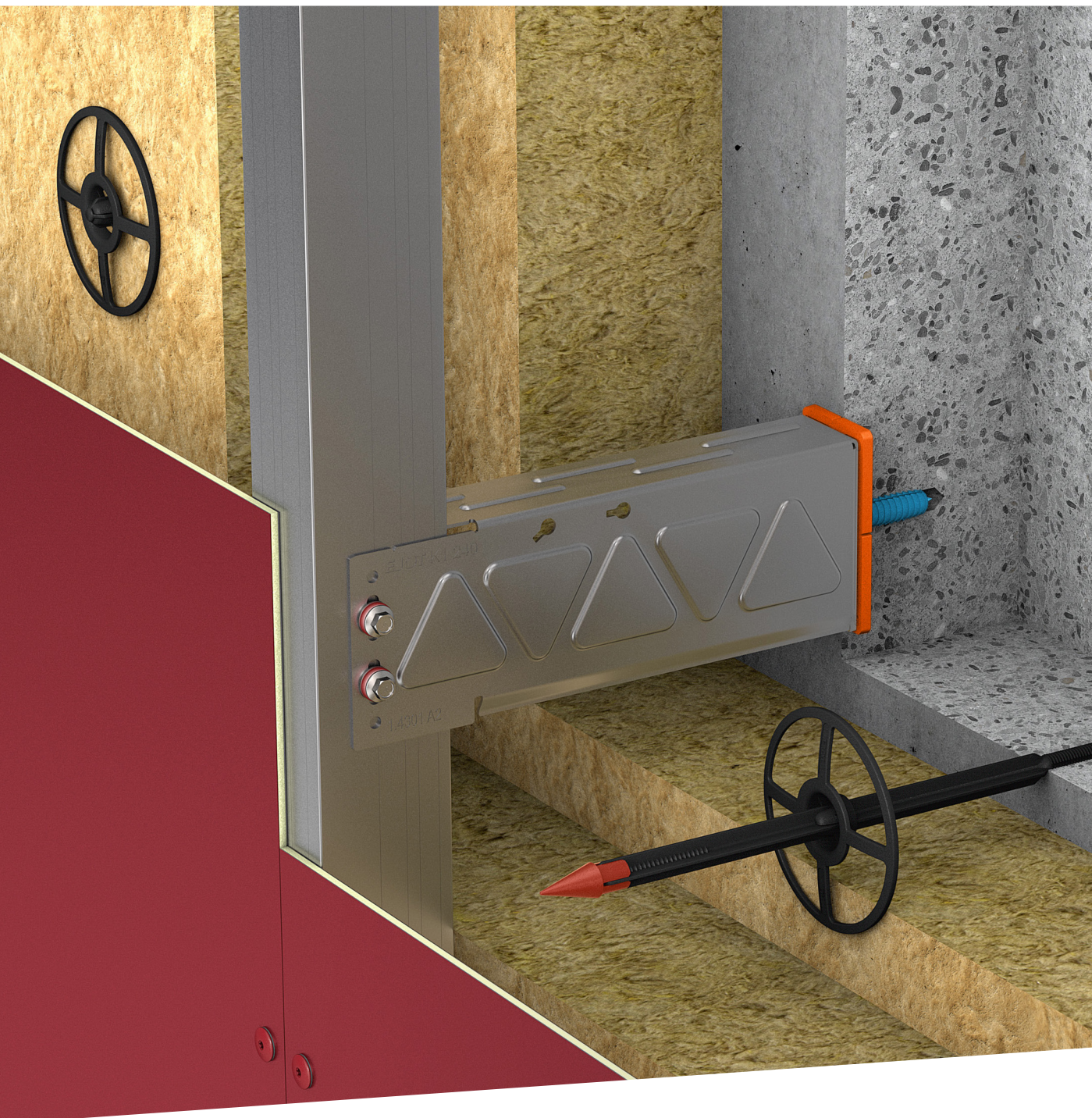
Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools





Facade Technology (VHF)

Fastening and fixing elements

EJOT® self-drilling screw JT4-3H/5-5.5x19

EJOT® self-drilling screw JT9-3H/5-5.5x19



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Application range

- > To form sliding and fixed points on substructures of rear-ventilated facades
- > Fastening pre-drilled stainless steel or aluminium wall brackets to aluminium support profiles
- > For component assemblies from 3.1 – 5.0 mm (component I + component II)

Properties

- > A2 or A4 stainless steel

Note

Component assemblies checked with R_m (component II) ≥ 190 , ≥ 215 and ≥ 245 N/mm². For bearing values, please refer to the general building authorities test certificate (abP) P-BWU02-1980001.

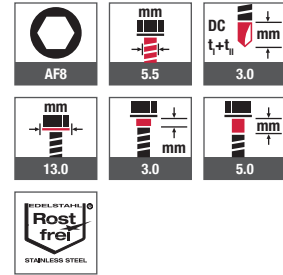
Possible component assemblies

Component I [mm]	Component II [mm]	R_m support profile/ Wall bracket
1.5 (stainless steel)	1.6	
	2.0	
	2.4	≥ 190 N/mm ²
3.0 (aluminium)	1.6	
	2.0	

Applications



Technical data



Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4 made of A2 stainless steel						
JT4-3H/5-5.5x19	19	5.5	500		7 380 540 300	4061245014289
JT4-3H/5-5.5x19 VE100	19	5.5	100		6 380 540 300	4061245014876
JT9 made of A4 stainless steel						
JT9-3H/5-5.5x19	19	5.5	500		7 380 540 340	4061245014272
JT9-3H/5-5.5x19 VE100	19	5.5	100		6 380 540 340	4061245014869

EJOT® self-drilling screw JT6-2/5-5.0 VARIO
 EJOT® self-drilling screw JT9-2/5-5.0 VARIO



Cross references	page
AF8 VARIO Tool	385
Cordless screwdriver ASCS 6.3	360



Watch the video now:
<https://www.youtube.com/watch?v=yL0yRtO9Bjc>

Application range

- > To form sliding and fixed points on substructures of rear-ventilated facades
- > Fastening pre-drilled stainless steel or aluminium wall brackets to aluminium support profiles

Properties

- > One screw for all part combinations
- > Sliding washer E14, Ø 14 mm
- > Buffer zone between the screw head and sliding disk prevents excessive clamp load of the joint.
- > Pre-assembled captive sliding washer
- > Consistently low contact pressure prevents stick-slip phenomenon
- > No stripping / destruction of the thread in component II resulting in high tensile loading capacity
- > High tensile and transverse load transmission in component II due to fine pitch thread
- > National technical test certificate (abP) as proof of usability according to DIN 18516-1 (also available as informal English translation)
- > Case hardened drill point of the JT6 version for fastening in steel support profiles (not part of the abP)
- > Wall brackets made of stainless steel and aluminium are part of the abP
- > Buffer zone serves as visual set control
- > Same assembly concept for sliding and fixed points

Note

Component assemblies checked with R_m (component II) ≥ 190 , ≥ 215 and ≥ 245 N/mm². For bearing values, please refer to the national technical test certificate (abP) P-BWU02-178006.

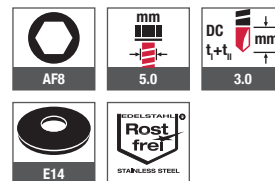
Possible part combinations

Component I [mm]	Component II [mm]	R_m support profile/ Wall bracket
1.5 (stainless steel)	2.0	
	2.5	
	3.0	
2.0 (stainless steel, aluminium)	2.0	
	2.5	
	3.0	
3.0 (stainless steel, aluminium)	2.0	
	2.5	≥ 190 N/mm ²
	3.0	
4.0 (aluminium)	2.0	
	2.5	
	3.0	
5.0 (aluminium)	2.0	
	2.5	
	3.0	

Applications

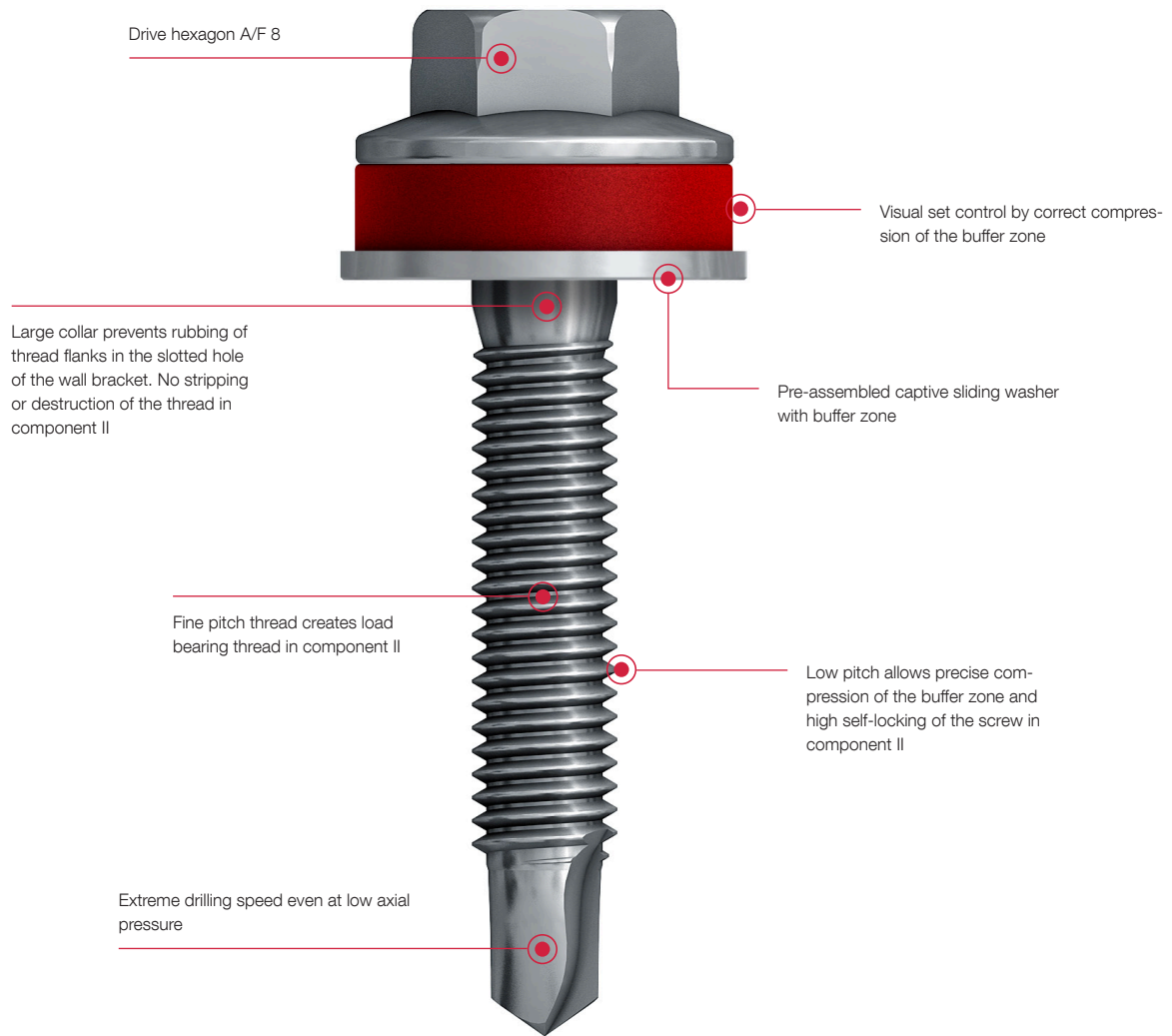


Technical data



Certifications





Online shop

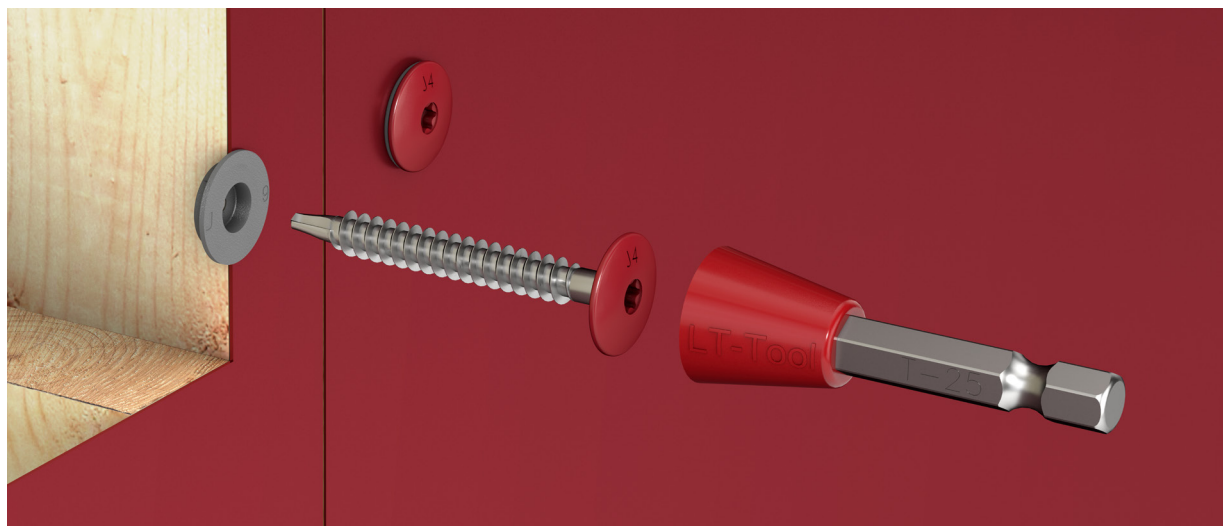
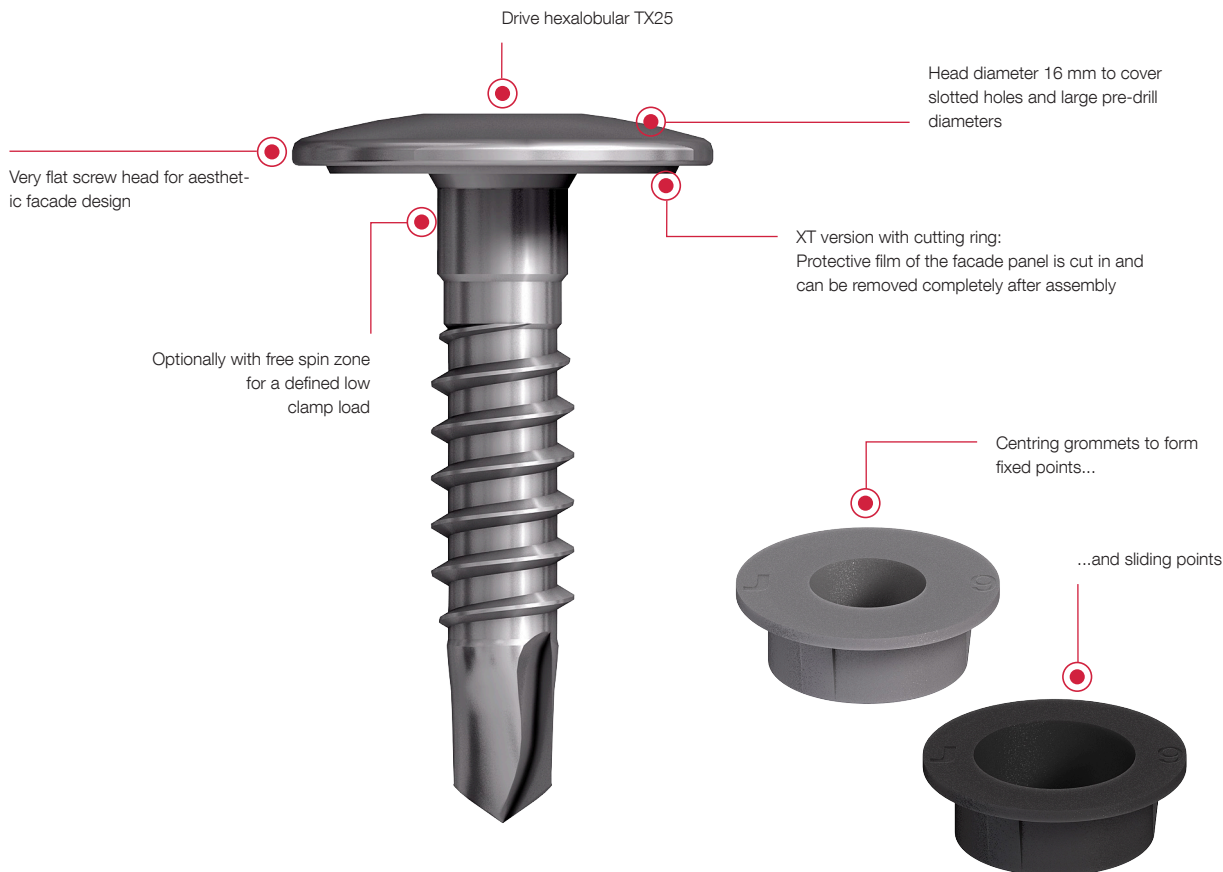


Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT6 made of A4 stainless steel with hardened steel drill point						
JT6-2/5-5.0x30 Vario	30	5.0	500		3 598 077 991	4061245014999
JT6-2/5-5.0x30 Vario VE100	30	5.0	100		6 598 077 991	4061245021904
JT9 made of A4 stainless steel						
JT9-2/5-5.0x25 Vario	25	5.0	500		3 500 777 490	4061245020686
JT9-2/5-5.0x25 Vario VE100	25	5.0	100		6 500 777 490	4061245021508



The LT system for facades

Forcing tension under control: The LT fastening system with plastic sleeves specifically matched to the screws ensures optimum fastening of the facade panels. The LT screws can be combined with suitable centring grommets - adapted to every application.





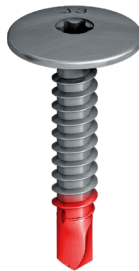



Processing advice: Wobble-free fastening when using the LT/STS Tools

- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools



Product finder LT system

	JT4- LT-3-5.5x25 KD16	JF3- LT-2-5.5x30 KD16	JT4- LT-XT-3H/4-5.5x19 KD16	JT4- LT-XT-3H/6-5.5x25 KD16	JT3- LT-3-5.5x30 KD16	JT4- LT-2/6-6x50 KD16
Screw type						
Material	A2 stainless steel	A2 stainless steel with hardened steel point ¹⁾	A2 stainless steel	A2 stainless steel	A2 stainless steel with hardened steel drill point	A2 stainless steel
Application²⁾	all common facade panels	all common facade panels	Aluminium panels ≥ 2.0 mm	Aluminium composite panels 4.0 mm	all common facade panels	all common facade panels
Free spin zone³⁾	-	-	4.0 mm	6.0 mm	-	-
For substructures made of	Aluminium	Steel / aluminium	Aluminium	Aluminium	Steel / aluminium	Timber / aluminium
Drilling capacity (t_i pre-drilled) t_{ii}	1.5 - 3.0 mm	0.4 - 1.0 mm	1.5 - 3.0 mm	3.0 mm	1.5 - 2.5 mm	1.5 - 2.0 mm
Clamp thickness t_{fix}	1 - 15 mm	1 - 15 mm	2 - 3 mm	4 - 5 mm	1 - 15 mm	2 - 19 mm
abP / ETA	ETA-10/0200	ETA-10/0200	-	P-S 18 0447	ETA-10/0200	ETA-10/0200
Centring grommets / XT centring grommets	Centring grommets Ø 11/4 Ø 11/6 Ø 11/8	Centring grommets Ø 11/4 Ø 11/6 Ø 11/8	Centring grommets Ø 11/2	XT centring grommets Ø 11/4	Centring grommets Ø 11/4 Ø 11/6 Ø 11/8	Centring grommets Ø 11/2 Ø 11/4 Ø 11/6 Ø 11/8

¹⁾ JF screw requires more axial pressure than JT screw with classic cutting bit in order to penetrate component II.

Without swarf: Contrary to conventional self-drilling screws with classic cutting bit, ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided during assembly.

²⁾ Remark: Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.

³⁾ Free spin zone: Screws without free spin zone must be loosened by 90 degrees after connecting surface in order to ensure reliable sliding.

EJOT® self-drilling screw JT4-LT-3-5.5x25



Cross references	page
Centring grommet F	124
Centring grommet S	125
LT/STS Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Application range

- > For fixing facade panels to 1.5-3.0 mm aluminium substructures
- > Can be combined with LT fixed and sliding point sleeves

Properties

- > A2 stainless steel
- > Pan head

Benefits

- > To cover slotted holes and large pre-drill diameters
- > Also available as laquered version
- > Flat screw head for aesthetic facade design
- > Wobble-free fastening by using the LT tool

Note

Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.

Processing information for sliding points on facade panels

Stop fastening as soon as the screw head connects to the surface and turn the screw back a quarter turn in order to remove the clamp load from the connection.

Online shop

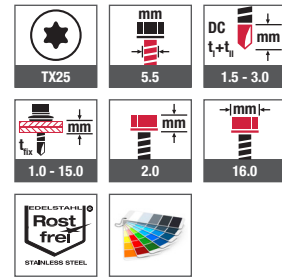


Order description	Length [mm]	Diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-LT-3-5.5x25 KD16	25	5.5	12	500		7 384 207 300	4061245014029

Applications



Technical data



Certifications



EJOFAST® self-drilling screw JF3-LT-2-5.5



Cross references	page
Centring grommet F	124
Centring grommet S	125
LT/STS Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Application range

- > For fixing facade panels to 0.4-1.0 mm aluminium substructures without swarfs
- > Can be combined with LT fixed and sliding point sleeves

Properties

- > A2 stainless steel with hardened steel drill point
- > Pan head

Benefits

- > To cover slotted holes and large pre-drill diameters
- > Also available as laquered version
- > Flat screw head for aesthetic facade design
- > Wobble-free fastening by using the LT tool
- > Fastening without swarf*

Note

Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.

JF screw requires more axial pressure than JT screw with classic cutting bit in order to penetrate component II.

Processing information for sliding points on facade panels

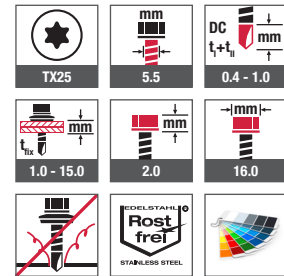
Stop fastening as soon as the screw head connects to the surface and turn the screw back a quarter turn in order to remove the clamp load from the connection.

***Without swarf** means that - contrary to conventional self-drilling screws with classic cutting bit - ribbon swarfs, spiral swarfs or spiral swarf pieces are avoided.

Applications



Technical data



Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JF3-LT-2-5.5x30 KD16	30	5.5	10	500		7 384 212 301	4061245014005

EJOT® self-drilling screw JT4-LT-XT-3H/4-5.5x19



Application range

- > For fastening facade panels to aluminium substructures ≤ 2.0 mm, for example Novelis ff2®
- > Can be combined with LT fixed and sliding point sleeves

Properties

- > A2 stainless steel
- > Pan head

Benefits

- > To cover slotted holes and large pre-drill diameters
- > Also available as laquered version
- > Flat screw head for aesthetic facade design
- > Wobble-free fastening by using the LT tool
- > Easy assembly and reliable sliding thanks to optimised free spin zone
- > Centring grommet collar protects the surface of the facade panel from scratches
- > No rivet installation gauge or drilling gauge necessary
- > XT cutting ring under the screw head facilitates easy removal of the protective film during the forming of fixed points without centring grommet
- > Thread-free part under the screw head allows an intentional further rotation of the screw head after connecting surface

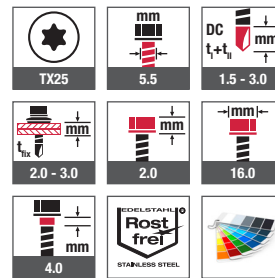
Note

Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.

Applications



Technical data



Certifications



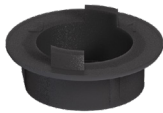
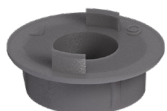
Cross references

	page
LT-XT Tool	385
Cordless screwdriver ASCS 6.3	360

Order description	Length [mm]	Diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Self-drilling screw							
JT4-LT-XT-3H/4-5.5x19 KD16	19	5.5	2.0 - 3.0	500		7 384 219 300	4061245044507

Order description	Internal hole diameter [mm]	Pre-drilling diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Centring grommets							
Centring grommet Ø 11/2 F	5.8	11.0	2.0 - 3.0	500		3 010 005 700	4061245010212
Centring grommet Ø 11/2 S	8.4	11.0	2.0 - 3.0	500		3 010 006 700	4061245018508

EJOT® self-drilling screw JT4-LT-XT-3H/6-5.5x25



Cross references	page
LT-XT Tool	385
Cordless screwdriver ASCS 6.3	360

Application range

- > For fastening plain aluminium composite panels to aluminium substructures
- > Can be combined with XT fixed and sliding point sleeves

Properties

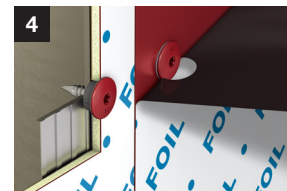
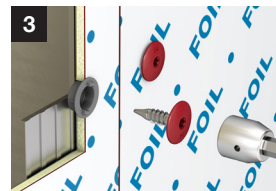
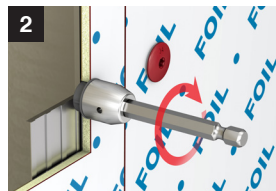
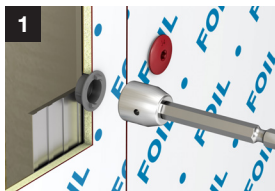
- > A2 stainless steel
- > Pan head

Benefits

- > To cover slotted holes and large pre-drill diameters
- > Also available as laquered version
- > Flat screw head for aesthetic facade design
- > Easy assembly and reliable sliding thanks to optimised free spin zone
- > Regulated by the building authorities in test certificate P-S 18 0447
- > Easy removal of protective film
- > Centring grommet collar protects the surface of the facade panel from scratches
- > No rivet installation gauge or drilling gauge necessary
- > Thread-free part under the screw head allows an intentional further rotation of the screw head after connecting surface

Note

Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.



Installation of the XT system: 1. Insert XT centring grommet into pre-punched facade panel; 2. Rotate XT centring grommet with LT-XT-Tool in order to cut the protective film; 3. Fasten LT-XT screw with LT-XT-Tool in support profile; 4. Remove protective film gently over the fixing point

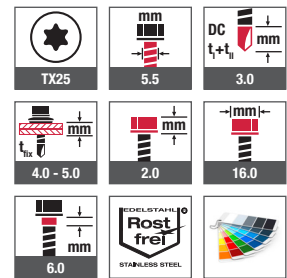
Order description	Length [mm]	Diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Self-drilling screw							
JT4-LT-XT-3H/6-5.5x25 KD16	25	5.5	4.0	500		7 384 216 300	4061245044538

Order description	Internal hole diameter [mm]	Pre-drilling diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Centring grommets							
XT centring grommet Ø11/4 F	5.8	11.0	4.0	500		3 010 013 700	4061245044552
XT centring grommet Ø11/4 S	8.4	11.0	4.0	500		3 010 014 700	4061245044545

Applications



Technical data



Certifications



EJOT® self-drilling screw JT3-LT-3-5.5x30



Cross references	page
Centring grommet F	124
Centring grommet S	125
LT/STS Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Application range

- > Fastening facade panels to 1.5-2.5 mm aluminium and steel substructures
- > Can be combined with LT fixed and sliding point sleeves

Properties

- > A2 stainless steel with hardened steel drill point
- > Pan head

Benefits

- > To cover slotted holes and large pre-drill diameters
- > Also available as laquered version
- > Flat screw head for aesthetic facade design
- > Wobble-free fastening by using the LT tool

Note

Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.

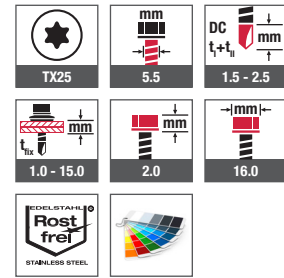
Processing information for sliding points on facade panels

Stop fastening as soon as the screw head connects to the surface and turn the screw back a quarter turn in order to remove the clamp load from the connection.

Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-LT-3-5.5x30 KD16	30	5.5	12	500		7 384 211 301	4061245014012

EJOT® self-drilling screw JT4-LT-2/6-6.0x50



Cross references	page
Centring grommet F	124
Centring grommet S	125
LT/STS Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Application range

- > For fastening facade panels to timber substructures
- > Can be combined with LT fixed and sliding point sleeves
- > Also for 0.8 mm to 2.0 mm aluminium

Properties

- > A2 stainless steel
- > Pan head

Benefits

- > To cover slotted holes and large pre-drill diameters
- > Also available as laquered version
- > Flat screw head for aesthetic facade design
- > No pre-drilling of the timber substructure
- > Good drilling behaviour even in areas of branches
- > Wobble-free fastening by using the LT tool

Note

Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.

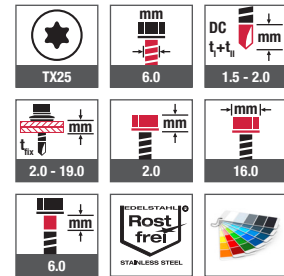
Processing information for sliding points on facade panels

Stop fastening as soon as the screw head connects to the surface and turn the screw back a quarter turn in order to remove the clamp load from the connection.

Applications



Technical data



Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-LT-2/6-6.0x50 KD16	50	6.0	10	500		7 384 206 300	4061245014036

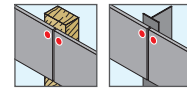
EJOT® centring grommet F (fixed point)



Application range

- > For fastening facade panels in combination with LT screws with head diameter 16 mm
- > To form fixed points

Applications



Properties

- > Grey coloured plastic
- > For panel thickness 2 / 4 / 6 / 8 mm
- > UV-resistant

Benefits

- > All holes in the panel are produced with the same diameter (11 mm), which can be done efficiently at the shop floor
- > No rivet installation gauge, no drilling gauge necessary
- > Fast assembly in combination with LT screws
- > Easily revisionable panel fastening
- > The 0.5 collar of the grommet prevents direct contact between screw head and panel surface
- > The hole in the middle serves for the centered positioning of the screw

Note

Usability of grommets and LT screws must be agreed with the respective panel manufacturer. Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.

Cross references	page
JT4-LT-3-5.5x25	118
JT4-LT-2/6-6.0x50	123
JT3-LT-3-5.5x30	122
JF3-LT-2-5.5x30	119

Online shop



Order description	Internal hole diameter [mm]	Pre-drilling diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Centring grommet Ø 11/2 F	5.8	11.0	2.0	500		3 010 005 700	4061245010212
Centring grommet Ø 11/4 F	5.8	11.0	4.0	500		3 010 009 700	4061245018478
Centring grommet Ø 11/6 F	5.8	11.0	6.0	500		3 010 011 700	4061245018454
Centring grommet Ø 11/8 F	5.8	11.0	8.0	500		3 010 007 700	4061245018492

EJOT® centring grommet S (sliding point)



Cross references	page
JT4-LT-3-5.5x25	118
JT4-LT-2/6-6.0x50	123
JT3-LT-3-5.5x30	122
JF3-LT-2-5.5x30	119

Online shop



Application range

- > For fastening facade panels in combination with LT screws with head diameter 16 mm
- > To form sliding points

Properties

- > Black coloured plastic
- > For panel thickness 2 / 4 / 6 / 8 mm
- > UV-resistant

Benefits

- > All holes in the panel are produced with the same diameter (11 mm), which can be done efficiently at the shop floor
- > No rivet installation gauge, no drilling gauge necessary
- > Fast assembly in combination with LT screws
- > Easily revisionable panel fastening
- > The 0.5 collar of the grommet prevents direct contact between screw head and panel surface, thus no scratches on the panel surface even during thousandfold relative displacement
- > The bottom of the grommet which is only 0.3 mm thin is abraded due to relative displacement
- > The hole in the middle serves for the centered positioning of the screw

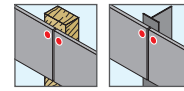
Note

Usability of grommets and LT screws must be agreed with the respective panel manufacturer. Please note the respective approval of the facade panel and the assembly instructions of the manufacturer.

Processing information for screws with full thread

Stop fastening as soon as the screw head connects to the surface and turn the screw back a quarter turn in order to remove the clamp load from the connection.

Applications



Order description	Internal hole diameter [mm]	Pre-drilling diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Centring grommet Ø 11/2 S	8.4	11.0	2.0	500		3 010 006 700	4061245018508
Centring grommet Ø 11/4 S	8.4	11.0	4.0	500		3 010 010 700	4061245018461
Centring grommet Ø 11/6 S	8.4	11.0	6.0	500		3 010 012 700	4061245018447
Centring grommet Ø 11/8 S	8.4	11.0	8.0	500		3 010 008 700	4061245018485

EJOT® self-drilling screw JT4-FR-2H/6-4.8



Application range

- > Fastener for ALUCOBOND® external wall cladding according to Z-10.3-774
- > For fastening without forcing tension to 2 mm aluminium substructures

Properties

- > A2 stainless steel*
- > With centring grommet to form sliding points

Benefits

- > Centred drilling and simultaneous fastening of the boards to the substructure
- > No pre-drilling of the substructure
- > Thread-free part under the screw head allows an intentional further rotation of the screw head after surface connection
- > Also available as laquered version

Note

We recommend the tapered special bit hexalobular TX25W-1/4"/Cx25 for force fit in the fastener head. To form fixed points, we recommend pre-drilling a Ø 4.0 mm hole in the panel.

Cross references	page
Bit hexalobular TX	379
Cordless screwdriver ASCS 6.3	360

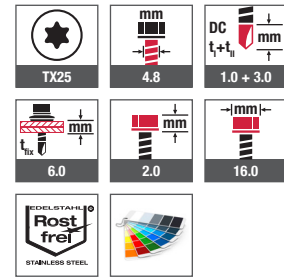
Online shop



Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Self-drilling screw							
JT4-FR-2H/6-4.8x22*	22	4.8	6	1,000		7 384 170 300	4061245014050

*JT9 made of A4 stainless steel upon request

Order description	Pre-drilling diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Centring grommet						
EJOT centring grommet Alucobond	8.5	2.0	500		3 010 003 700	4061245010205

EJOT® self-drilling screw JT4-XT



Cross references page

Bit hexalobular TX 379
 Cordless screwdriver ASCS 6.3 360



Watch the video now:
<https://youtu.be/RKUPO7xTQ8c>

Online shop



Application range

- > Fastener between the reinforcing profile and an ALUCO-BOND® cassette according to Z-10.3-774

Properties

- > A2 stainless steel

Benefits/Operating principle

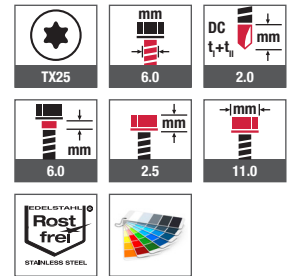
- > Fastener pierces the ALUCOBOND panel and the aluminium substructure
- > Thread-free part under the screw head allows an intentional further rotation of the screw head after surface connection
- > Cutting ring under the screw head cuts protective film on the facade panel
- > Protective film can be removed from the ALUCOBOND® panel without residue after assembly
- > Also available as laquered version



Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-XT-3/6-6.0x21	21	6.0	4.0	500		7 384 213 300	4061245013992

EJOT® self-drilling screw JT4-S-2-4.8



Application range

- > Fastening timber laths to aluminium substructure ≤ 2 mm

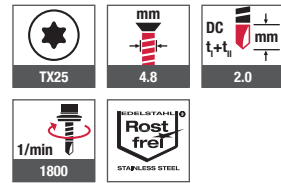
Properties

- > A2 stainless steel
- > Countersunk head with milling ribs

Applications



Technical data



Certifications



Cross references	page
Bit hexalobular TX	379
Bit holder	379
Cordless screwdriver	
ASCS 6.3	360

Online shop



Order description	Length [mm]	Diameter [mm]	For timber thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-S-2-4.8x38	38	4.8	20 - 30	500		7 382 086 300	4061245014197
JT4-S-2-4.8x48	48	4.8	30 - 40	500		7 382 072 300	4061245014203

EJOT® self-drilling screw JT4-STS-3-4.8



Cross references	page
Bit hexalobular TX	379
Bit holder	379
LT/STS Tool plastic	384
Cordless screwdriver ASCS 6.3	360

Online shop



Application range

- > Fastening plaster-base sheeting to aluminium substructures ≤ 3 mm

Properties

- > A2 stainless steel
- > Countersunk head with flange

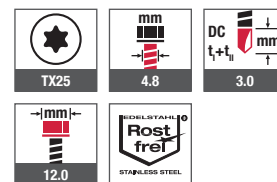
Benefits

- > Very flat head
- > Wobble-free fastening with LT-STS Tool

Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	max. panel thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-STS-3-4.8x35	35	4.8	0 - 25	500		7 384 094 300	4061245014074

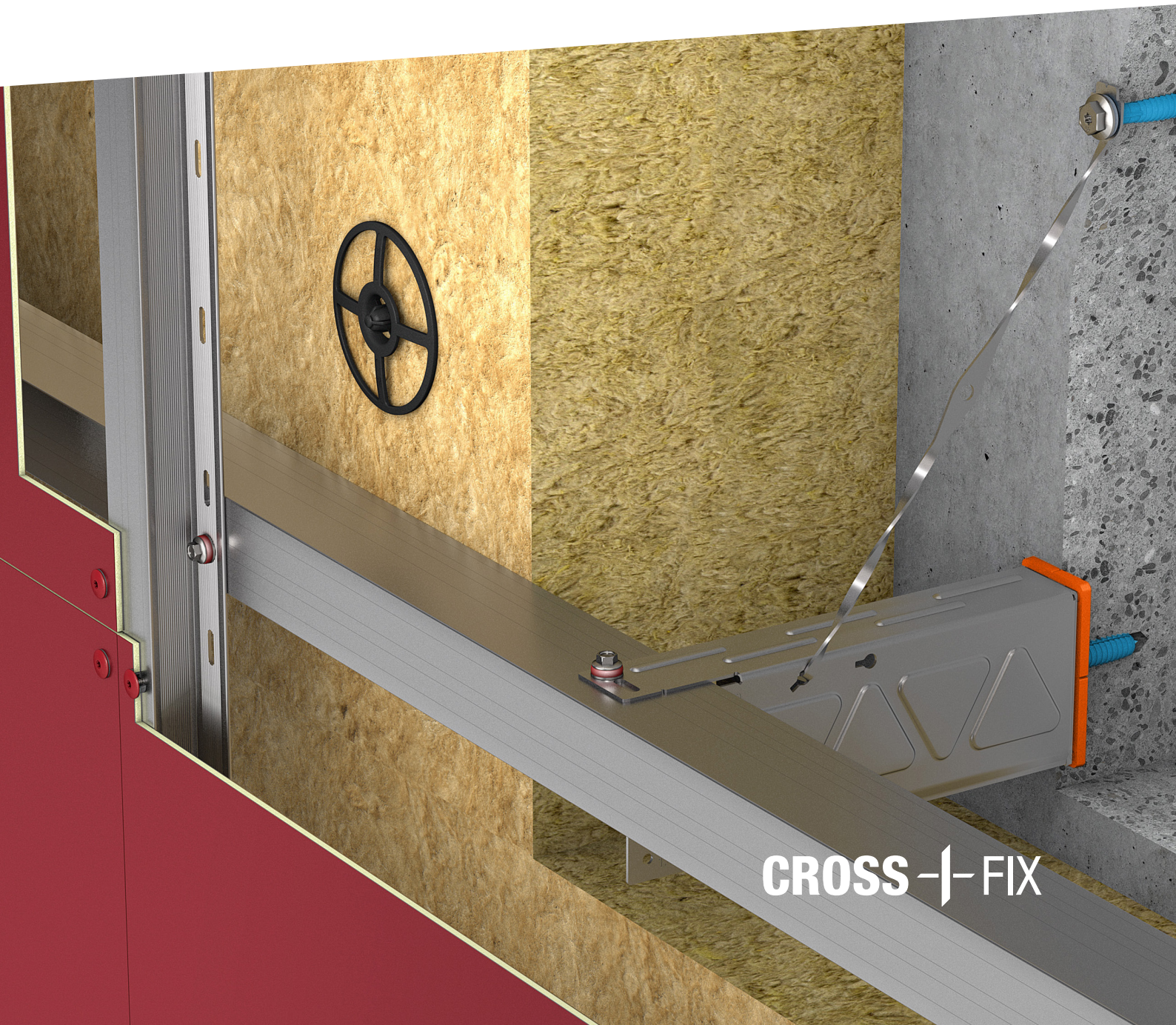
Horizontal and vertical: CROSSFIX®

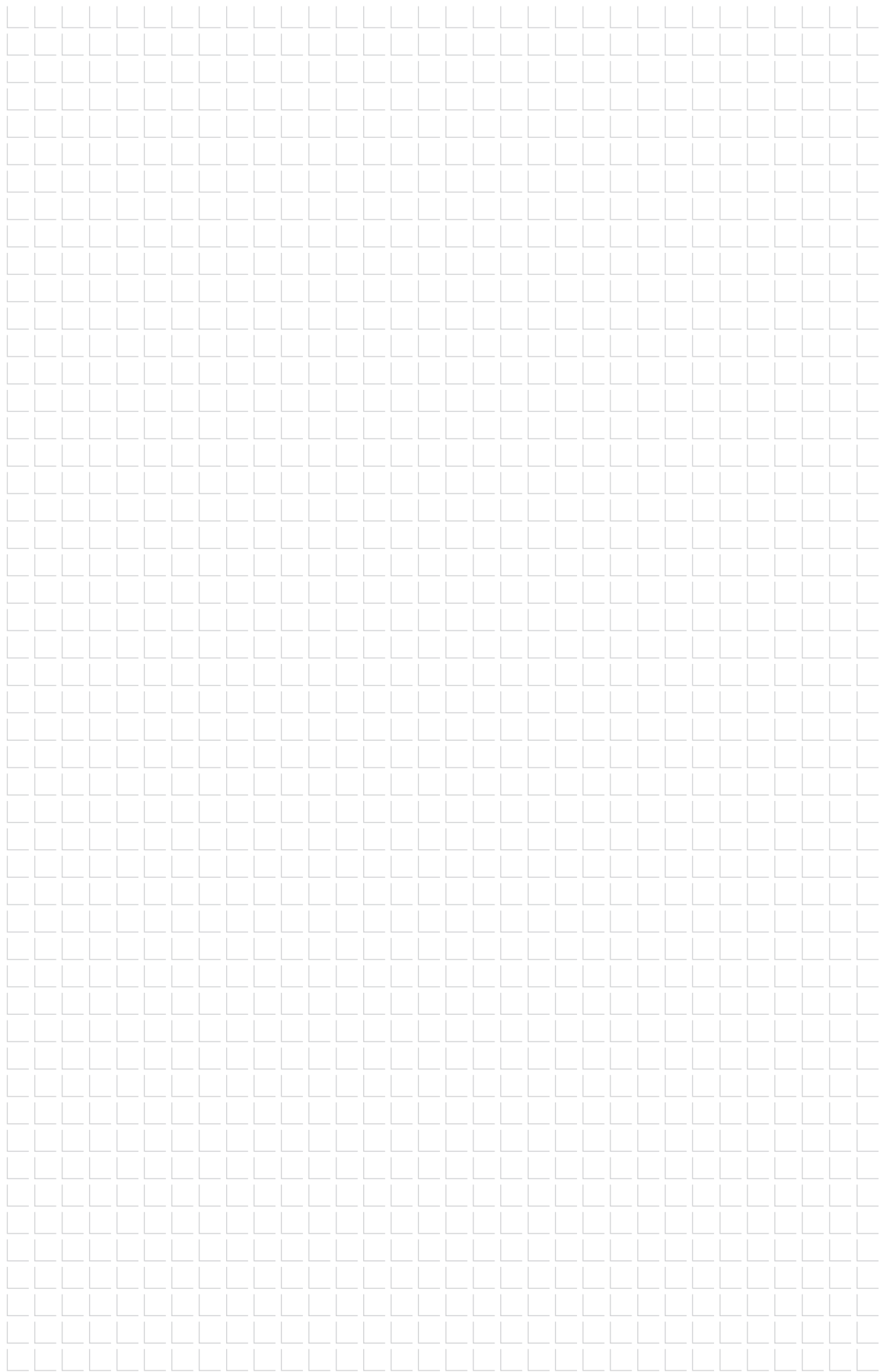
The flexible substructure system made of A4 stainless steel

CROSSFIX® is the first 100% A4 stainless steel substructure for horizontal and vertical support profiles. Increase your flexibility, facilitate the assembly and save precious time and storage costs. With the CROSSFIX® system, you get everything from one supplier - in proven EJOT quality.



ejot.com/crossfix-unterkonstruktionssystem



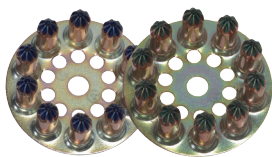




Direct assembly

Powder-actuated fasteners and cartridges

Cartridges 6.3/16

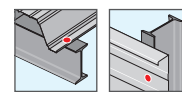

Cross references **page**

Powder-actuated fastening tool P 560	358
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Online shop

Application range

- > For the installation of powder-actuated fastener HSBR 14 in powder-actuated fastening tool P 560

Applications

Certifications


Order description	Substrate thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Cartridge blue	6 - 12	1,000		9 600 003 123	4061245010410
Cartridge red	14 - 16	1,000		9 600 003 122	4061245010427
Cartridge black	≥18	1,000		9 600 003 121	4061245010434

Powder-actuated fastener HSBR 14

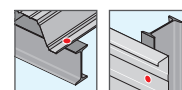

Cross references **page**

Powder-actuated fastening tool P 560	358
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Online shop

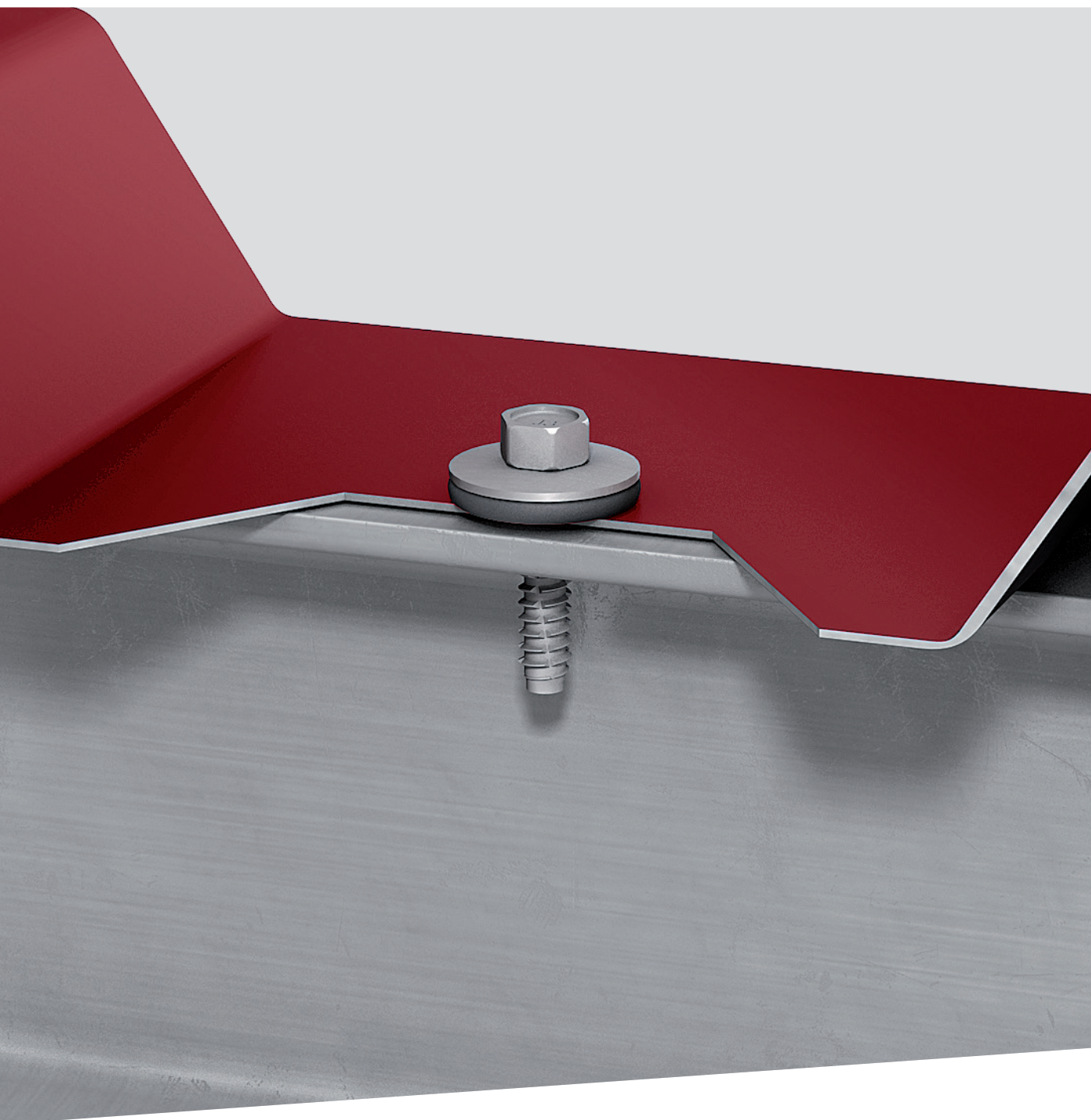
Application range

- > For fastening profiled steel sheets to steel substructures ≥ 6 mm
- > For fastening cassettes to steel columns ≥ 6 mm

Applications

Certifications


Sheet thickness [mm]	Shear V_{Rk} [kN]	Tensile N_{Rk} [kN]
0.63	4.2	5.3
0.75	5.8	6.6
0.88	7.5	7.7
1.00	8.6	8.2
1.13	9.1	9.1
1.25	9.5	9.5
1.50	10.0	10.0
1.75	10.0	10.1
2.00	10.0	10.3
2.50	10.0	10.4
3.00	10.0	10.5

Order description	Collator capacity [pieces]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Powder-actuated fastener HSBR 14 collated	10	1,000		9 610 053 953	4061245062907



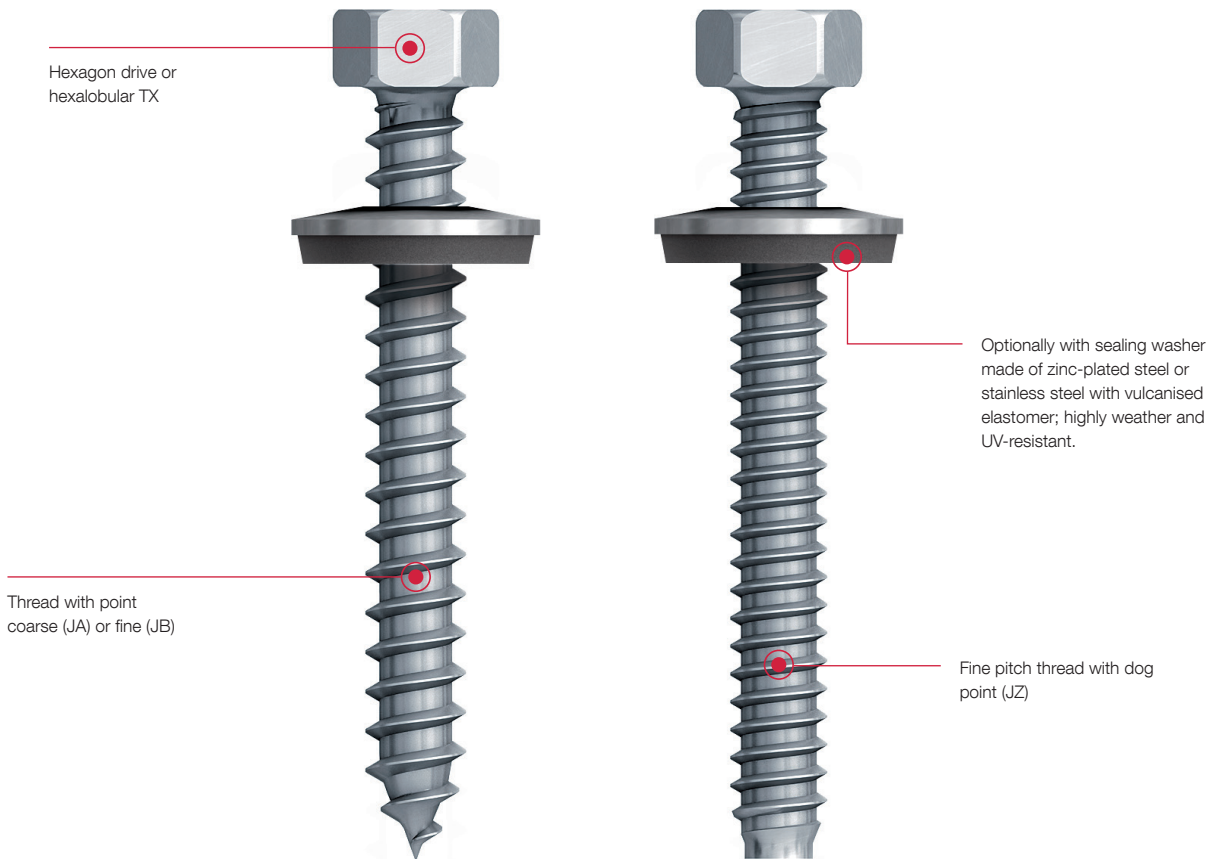
Self-tapping screws

Self-tapping screws

EJOT® self-tapping screws

Self-tapping screws with dog point or point

The EJOT self-tapping screws form the female thread in a pre-drilled hole without swarfs. They feature a coarse or fine pitch thread with dog point or point. The self-tapping screws are completed by an optional pre-assembled sealing washer. The EJOT self-tapping screws are all-purpose screws.



EJOT® self-tapping screws product overview

	JA3/JB3/JZ3	JA1/JZ1 CORREMAKS®	JZ5
Self-tapping screws with dog point or point			
Material	A2 stainless steel	Stainless steel HCR (1.4529)	A2 stainless steel with hardened steel dog point
For components made of	steel/aluminium/wood	steel/aluminium/wood	steel/aluminium

Selecting the self-tapping screw

Correct determination of screw length and drill hole diameter

Determining the screw length

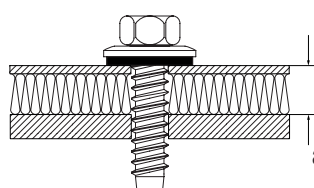
For self-tapping fasteners without drill point the cylindrical part of the screw has to be screwed **at least 6 mm** into the load-bearing component.

In practice **20 mm are added** to the sum of the thickness of all components that are fastened to component II (substructure).

The result is the minimum screw length of a self-tapping screw under consideration of sealing washer and uneven installation surface.

The following formulas can be used to determine the screw length:

$$L = a + 20 \text{ mm}$$

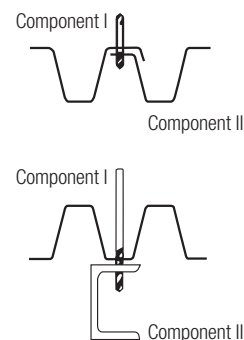


Determining the drill hole diameter

Aluminium sheet, aluminium extrusion profile F22 to F 25
($R_m \geq 220 \text{ N/mm}^2 \leq 290 \text{ N/mm}^2$)*

Component thickness t_{II} [mm]	up to 0.9	1.0 - 1.4	1.5 - 2.9	3.0 - 4.9	≥ 5.0
Drill hole diameter [mm]	4.0	4.0	4.5	5.0	5.3
EJOT screw Type	JA Ø 6.5 / JB Ø 6.3			JZ Ø 6.3	

* When fastening profiled aluminium sheet (component I) to steel substrate (component II) the drill hole diameters from the chart for profiled steel sheet designs apply



Hot-dip galvanised sheet steel/sectional steel, flat steel St 37
($R_m \geq 360 \text{ N/mm}^2 \leq 440 \text{ N/mm}^2$)

Component thickness t_{II} [mm]	0.63	0.75	0.88	1.00	1.13	1.25	1.50	2x 0.75	2x 0.88	2x 1.00	1.25 - 1.5	2.0 - 5.0	6.0 - 6.9	≥ 7.0	1.5 - 5.9	6.0 - 7.9	8.0 - 9.9	≥ 10.0	
Drill hole diameter [mm]	3.5	4.0	4.5	4.5	4.5	4.5	5.0	4.5	5.0	5.0	5.0	5.3	5.5	5.7	6.8	7.0	7.2	7.4	
EJOT screw Type	JA Ø 6.5 / JB Ø 6.3										JZ Ø 6.3			JZ Ø 8.0					

EJOT® self-tapping screw JZ3-6.3



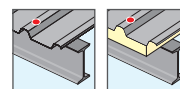
Application range

- > Fastening profiled steel sheet and sandwich panels to steel substructure
- > For fixing profiled steel and aluminium sheet to aluminium substructure

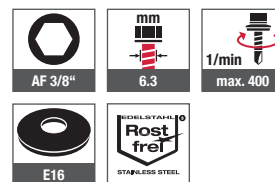
Properties

- > A2 stainless steel
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

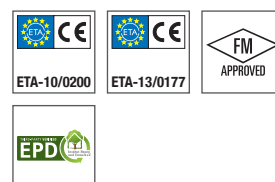
Applications



Technical data



Certifications



Cross references

	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
ORKAN storm washers	146
Drill bit HSS	372
Drill hole chart	136

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JZ3-6.3x19-E16	19	6.3	0 - 12	500		3 111 111 311	4061245017563
JZ3-6.3x25-E16	25	6.3	0 - 18	500		3 111 211 311	4061245017556
JZ3-6.3x32-E16	32	6.3	0 - 25	500		3 111 311 311	4061245017532
JZ3-6.3x38-E16	38	6.3	0 - 31	500		3 111 411 311	4061245017525
JZ3-6.3x50-E16	50	6.3	0 - 43	250		3 111 611 311	4061245017501
JZ3-6.3x64-E16	64	6.3	0 - 57	250		3 111 811 311	4061245017488
JZ3-6.3x80-E16	80	6.3	13 - 73	250		3 112 011 311	4061245017471
JZ3-6.3x90-E16	90	6.3	23 - 83	100		3 112 111 311	4061245017464
JZ3-6.3x100-E16	100	6.3	33 - 93	100		3 112 211 311	4061245017457
JZ3-6.3x115-E16	115	6.3	48 - 108	100		3 112 311 311	4061245017440
JZ3-6.3x125-E16	125	6.3	58 - 118	100		3 112 411 311	4061245017433
JZ3-6.3x135-E16	135	6.3	68 - 128	100		3 112 511 311	4061245017419
JZ3-6.3x150-E16	150	6.3	83 - 143	100		3 112 611 311	4061245017402
JZ3-6.3x165-E16	165	6.3	98 - 158	100		3 110 311 311	4061245017594
JZ3-6.3x175-E16	175	6.3	108 - 168	100		3 112 711 311	4061245017396
JZ3-6.3x200-E16	200	6.3	133 - 193	100		3 112 811 311	4061245017389
JZ3-6.3x220-E16	220	6.3	153 - 213	100		3 110 511 311	4061245017587
JZ3-6.3x270-E16	270	6.3	203 - 263	100		3 110 611 311	4061245017570

EJOT® self-tapping screw JZ3-S-6.3



Application range

- > For fixing metal sections, timber, treads, platforms and balcony slabs to steel or aluminium substructures

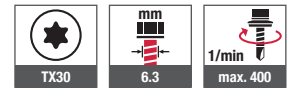
Properties

- > A2 stainless steel
- > Countersunk head

Applications



Technical data



Cross references

	page
Bit hexalobular TX	379
Cordless screwdriver ASCS 6.3	360
Drill bit HSS	372
Drill hole chart	136

Online shop



Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JZ3-S-6.3x19	19	6.3	500		3 029 400 311	4061245018430
JZ3-S-6.3x25	25	6.3	500		3 029 500 311	4061245018423
JZ3-S-6.3x35	35	6.3	500		3 121 700 301	4061245017327
JZ3-S-6.3x64	64	6.3	250		3 029 600 311	4061245018416

EJOT® self-tapping screw JA3-S-6.5



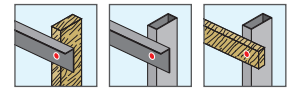
Application range

- > For fixing metal sections to timber substructures, aluminium substructures ≤ 3 mm or steel substructures ≤ 2 mm
- > For fixing treads, platform and balcony slabs to timber or aluminium substructures

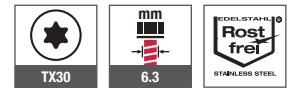
Properties

- > A2 stainless steel
- > Countersunk head

Applications



Technical data



Certifications



Cross references	page
Bit hexalobular TX	379
Cordless screwdriver ASCS 6.3	360
Drill bit HSS	372
Drill hole chart	136

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JA3-S-6.5x35	35	6.3	500		3 029 800 311	4061245018409



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® self-tapping screw JA3-LT-4.9



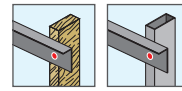
Application range

- > For fixing metal sections to timber or aluminium substructures ≤ 2mm

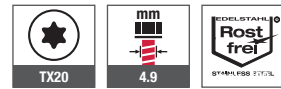
Properties

- > A2 stainless steel
- > Pan head

Applications



Technical data



Certifications



Cross references	page
Bit hexalobular TX	379
Cordless screwdriver ASCS 6.3	360
Drill bit HSS	372

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JA3-LT-4.9x25	25	4.9	500		3 233 200 312	4061245016672
JA3-LT-4.9x38	38	4.9	500		5 000 638 300	4061245014906

EJOT® self-tapping screw JZ3-7.2



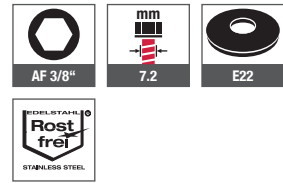
Application range

- > Repair screw for covering faulty drill holes

Properties

- > A2 stainless steel
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

Technical data



Certifications



Cross references

	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Drill bit HSS	372

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E22, Ø 22 mm						
JB3-7.2x19-E22	19	7.2	100		3 189 113 311	4061245016689

EJOT® clamping screw RLS 25



Application range

- > For side lap stitching of profiled plastic sheets
- > Fastening of profiled plastic sheets with other components, that don't require a load-carrying capacity verification, where variable shear forces due to temperature expansion can be expected.

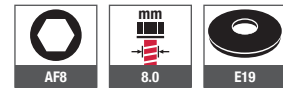
Applications



Properties

- > A2 stainless steel screw
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > EPDM sealing sleeve with brass thread insert

Technical data



Cross references

	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360

Note

Seal testing is recommended.

Certifications



Online shop



Order description	Length [mm]	Diameter [mm]	Tightening torque [Nm]	Thread type Screw	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E19, Ø 19 mm								
RLS-25-8.0x25-E19	25.0	8.0	1.5	M5	250		3 110 000 139	4061245017617

EJOT CORREMAKS® self-tapping screw JA1-6.5



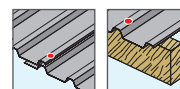
Application range

- > Side lap stitching of profiled steel sheet in highly corrosive environments
- > Fastening profiled steel sheet to timber substructures in highly corrosive environments

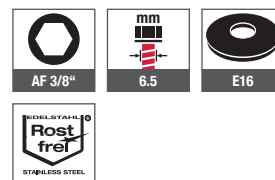
Properties

- > Stainless steel HCR - 1.4529
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Highest corrosion protection class

Applications



Technical data



Certifications



Cross references

Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
ORKAN storm washers	146
Drill bit HSS	372
Drill hole chart	136

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JA1-6.5x22-E16	22	6.5	-	500		3 113 211 319	4061245017372
JA1-6.5x38-E16	38	6.5	-	500		3 113 411 319	4061245017365
JA1-6.5x64-E16	64	6.5	-	250		3 113 811 319	4061245017358
JA1-6.5x115-E16	115	6.5	37 - 65	100		3 114 311 319	4061245017341
JA1-6.5x145-E16	145	6.5	70 - 95	100		3 114 611 319	4061245017334

EJOT CORREMAKS® self-tapping screw JZ1-6.3



Application range

- > Fastening profiled steel sheet to steel substructure in highly corrosive environments

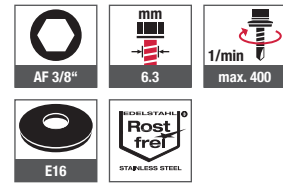
Properties

- > Stainless steel HCR - 1.4529
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Highest corrosion protection class

Applications



Technical data



Certifications



Cross references

Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
ORKAN storm washers	146
Drill bit HSS	372
Drill hole chart	136

Online shop



Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JZ1-6.3x22-E16	22	6.3	0 - 7	500		3 111 211 319	4061245017549
JZ1-6.3x54-E16	54	6.3	0 - 39	250		3 111 511 319	4061245017518
JZ1-6.3x70-E16	70	6.3	3 - 55	250		3 111 711 319	4061245017495
JZ1-6.3x125-E16	125	6.3	58 - 110	100		3 112 411 319	4061245017426

NEW EJOT® self-tapping screw JZ5-8.0



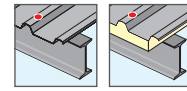
Application range

- > Fastening profiled steel sheet and sandwich panel to steel substrate up to S 355 (St 52)
- > Suitable for replacing screws with diameter 5.5 mm and 6.3 mm

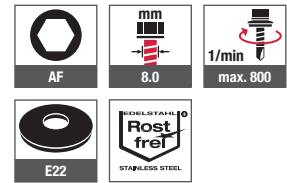
Properties

- > A2 stainless steel with hardened steel dog point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

Applications



Technical data



Certifications



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
ORKAN storm washers	146
Drill bit HSS	372
Drill hole chart	136

Order description	Length [mm]	Diameter [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E22, Ø 22 mm							
JZ5-8.0x60 E22	60	8.0	0 - 43	250		3 190 653 311	4061245062600
JZ5-8.0x80 E22	80	8.0	16 - 63	100		3 190 853 311	4061245062617
JZ5-8.0x100 E22	100	8.0	36 - 83	100		3 191 053 311	4061245062624
JZ5-8.0x150 E22	150	8.0	86 - 133	100		3 191 553 311	4061245062631



ORKAN Storm Washers

Increased reliability for crown fixing

EJOT® ORKAN Storm Washers

Increased installation reliability, high form stability, optimum load transmission for crown fixings

Requirements

EJOT ORKAN storm washers are used for a consistent load distribution of the crown fixing of a trapezoidal profiled sheet or sandwich panel construction. The pronounced reinforcement flanges of the EJOT ORKAN storm washers are a guarantee for high dimensional stability and consistent load transmission.

As a so-called second insulation level, the EJOT storm washer permanently buffers the fixed size between upper substructure edge and screw head. The sheet metal crown is often slightly convex or concave. In order to compensate these tolerances, a soft closed-cell rubber is ideal. No bridging arises where moisture can enter up to the fastener shank and thus the inside of the building.

The permanent compression required for the lasting watertightness of this cellular rubber is minimal and the deformation of a thin-walled trapezoidal profiled sheet can be prevented during installation.

Installation reliability

EJOT ORKAN storm washers also contribute to a reliable installation because the installer can use them as a plate drill jig when placing the storm washer. It always hits the middle of the crown. Furthermore, the surface of the profile element is protected against scratches during the fastening process.

The EJOT ORKAN storm washer provides an increased clamping force on the component, without plastic deformation. The increased load due to the use of EJOT ORKAN storm washers is documented in various building authorities test certificates (type statistics) for trapezoidal aluminium profiles.

Special storm washers

Version	Costs /	MSRP [EUR]
All storm washers not mentioned in the catalogue (colour and/or shape) are special storm washers	100 pcs.	

Selection guide

Our application engineering will gladly assist you in selecting the right choice of storm washer.

We only need the following three values:

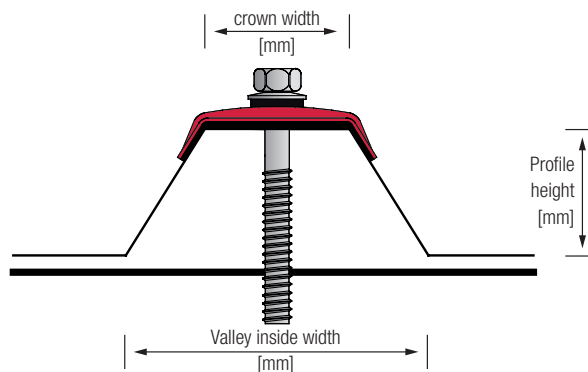
- > crown width [mm]
- > profile height [mm]
- > valley inside width [mm]

Reply

Please tell us the three values:

F +49 2752 908-731

bau@ejot.com



EJOT® trapezoidal ORKAN storm washer



Application range

- > Crown fixing of trapezoidal sheets and sandwich panels
- > Crown fixing of light diffusing panels

Properties

- > Optimised reinforcement flanges
- > Secure waterproofing
- > Aluminium alloy mill finish, coloured (RAL)

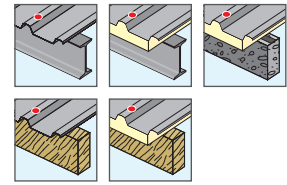
Cross references

	page
Self-drilling screw JF3-6.8	76
Self-drilling screw JT3-2-6.5	84
Self-drilling screw JT3-6-5.5	86
Self-drilling screw JT3-12-5.5	90
Self-tapping screw JA1-6.5	143
Self-tapping screw JZ3-6.3	137
Self-tapping screw JZ1-6.3	144

Benefits

- > Increased installation reliability
- > High dimensional stability
- > Optimum load transmission
- > In combination with EJOT self-drilling and self-tapping screws a sophisticated fastening system

Applications



Technical data



Note

Only use screws with 16 mm washer diameter. For determination of the clamp thickness please take the storm washer into account with 3 mm. Storm washers which are not mentioned are special storm washers. Please note surcharges.

Online shop



Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 20-34 mill finish	20	34	19	500		3 046 700 110	4061245018355
ORKAN storm washer 20-34 mill finish VE100	20	34	19	100		3 076 700 110	4061245046204
ORKAN storm washer 20-34 alu stucco	20	34	19	500		3 046 700 119	4061245041230
ORKAN storm washer 20-34 alu stucco VE100	20	34	19	100		3 076 700 119	4061245046211
ORKAN storm washer 20-34 alu-RAL 7016	20	34	19	500		3 046 725 119	4061245041223
ORKAN storm washer 20-34 alu-RAL 7016 VE100	20	34	19	100		3 076 725 119	4061245044835
ORKAN storm washer 20-34 alu-RAL 8012	20	34	19	500		3 046 740 119	4061245030265
ORKAN storm washer 20-34 alu-RAL 8012 VE100	20	34	19	100		3 076 740 119	4061245046228
ORKAN storm washer 20-34 alu-RAL 9007	20	34	19	500		3 052 034 220	4061245029719
ORKAN storm washer 20-34 alu-RAL 9007 VE100	20	34	19	100		3 072 034 220	4061245044842
ORKAN storm washer 21-16 mill finish	21	16	20	500		3 046 600 110	4061245018362
ORKAN storm washer 21-16 mill finish VE100	21	16	20	100		3 076 600 110	4061245044859
ORKAN storm washer 21-16 alu-RAL 3009	21	16	20	500		3 046 657 119	4061245030340
ORKAN storm washer 21-16 alu-RAL 3009 VE100	21	16	20	100		3 076 657 119	4061245044866
ORKAN storm washer 21-16 alu-RAL 7016	21	16	20	500		3 052 116 025	4061245029702
ORKAN storm washer 21-16 alu-RAL 7016 VE100	21	16	20	100		3 072 116 025	4061245018157
ORKAN storm washer 21-16 alu-RAL 7035	21	16	20	500		3 046 675 119	4061245030333
ORKAN storm washer 21-16 alu-RAL 7035 VE100	21	16	20	100		3 076 675 119	4061245061634
ORKAN storm washer 21-16 alu-RAL 7037	21	16	20	500		3 052 116 225	4061245041193
ORKAN storm washer 21-16 alu-RAL 7037 VE100	21	16	20	100		3 072 116 225	4061245046242
ORKAN storm washer 21-16 alu-RAL 8004	21	16	20	500		3 052 116 043	4061245029696
ORKAN storm washer 21-16 alu-RAL 8004 VE100	21	16	20	100		3 072 116 043	4061245044873
ORKAN storm washer 21-16 alu-RAL 8012	21	16	20	500		3 046 640 119	4061245030357
ORKAN storm washer 21-16 alu-RAL 8012 VE100	21	16	20	100		3 076 640 119	4061245046259



Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 21-16 alu-RAL 9002	21	16	20	500		3 046 682 119	4061245030326
ORKAN storm washer 21-16 alu-RAL 9002 VE100	21	16	20	100		3 076 682 119	4061245017938
ORKAN storm washer 21-16 alu-RAL 9006	21	16	20	500		3 046 684 119	4061245030319
ORKAN storm washer 21-16 alu-RAL 9006 VE100	21	16	20	100		3 076 684 119	4061245044880
ORKAN storm washer 21-16 alu-RAL 9007	21	16	20	500		3 052 116 220	4061245029672
ORKAN storm washer 21-16 alu-RAL 9007 VE100	21	16	20	100		3 072 116 220	4061245044965
ORKAN storm washer 21-25 mill finish	21	25	20	500		3 052 125 000	4061245018270
ORKAN storm washer 21-25 mill finish VE100	21	25	20	100		3 072 125 000	4061245046266
ORKAN storm washer 21-25 alu-RAL 3009	21	25	20	500		3 052 125 057	4061245029627
ORKAN storm washer 21-25 alu-RAL 3009 VE100	21	25	20	100		3 072 125 057	4061245061641
ORKAN storm washer 21-25 alu-RAL 7016	21	25	20	500		3 052 125 025	4061245029658
ORKAN storm washer 21-25 alu-RAL 7016 VE100	21	25	20	100		3 072 125 025	4061245018140
ORKAN storm washer 21-25 alu-RAL 8004	21	25	20	500		3 052 125 043	4061245029634
ORKAN storm washer 21-25 alu-RAL 8004 VE100	21	25	20	100		3 072 125 043	4061245046273
ORKAN storm washer 21-25 alu-RAL 8012	21	25	20	500		3 052 125 040	4061245029641
ORKAN storm washer 21-25 alu-RAL 8012 VE100	21	25	20	100		3 072 125 040	4061245018133
ORKAN storm washer 21-25 alu-RAL 9002	21	25	20	500		3 052 125 082	4061245029597
ORKAN storm washer 21-25 alu-RAL 9002 VE100	21	25	20	100		3 072 125 082	4061245044972
ORKAN storm washer 21-25 alu-RAL 9006	21	25	20	500		3 052 125 084	4061245029580
ORKAN storm washer 21-25 alu-RAL 9006 VE100	21	25	20	100		3 072 125 084	4061245044989
ORKAN storm washer 23-33 mill finish	23	33	22	500		3 052 333 000	4061245018263
ORKAN storm washer 23-33 mill finish VE100	23	33	22	100		3 072 333 000	4061245046280
ORKAN storm washer 23-33 alu-RAL 7016	23	33	22	500		3 052 333 025	4061245058078
ORKAN storm washer 23-33 alu-RAL 7016 VE100	23	33	22	100		3 072 333 025	4061245061658
ORKAN storm washer 23-33 alu-RAL 9002	23	33	22	500		3 052 333 082	4061245058030
ORKAN storm washer 23-33 alu-RAL 9002 VE100	23	33	22	100		3 072 333 082	4061245061665
ORKAN storm washer 23-33 alu-RAL 9006	23	33	22	500		3 052 333 084	4061245041186
ORKAN storm washer 23-33 alu-RAL 9006 VE100	23	33	22	100		3 072 333 084	4061245046297
ORKAN storm washer 26-15 mill finish	26	15	25	500		3 046 900 110	4061245018348
ORKAN storm washer 26-15 mill finish VE100	26	15	25	100		3 076 900 110	4061245044996
ORKAN storm washer 26-15 alu-RAL 3000	26	15	25	500		3 052 615 087	4061245029429
ORKAN storm washer 26-15 alu-RAL 3000 VE100	26	15	25	100		3 072 615 087	4061245061672
ORKAN storm washer 26-15 alu-RAL 3009	26	15	25	500		3 046 957 119	4061245030128
ORKAN storm washer 26-15 alu-RAL 3009 VE100	26	15	25	100		3 076 957 119	4061245017914
ORKAN storm washer 26-15 alu-RAL 7016	26	15	25	500		3 052 615 025	4061245029504
ORKAN storm washer 26-15 alu-RAL 7016 VE100	26	15	25	100		3 072 615 025	4061245018126
ORKAN storm washer 26-15 alu-RAL 7035	26	15	25	500		3 052 615 075	4061245029443
ORKAN storm washer 26-15 alu-RAL 7035 VE100	26	15	25	100		3 072 615 075	4061245046327
ORKAN storm washer 26-15 alu-RAL 8004	26	15	25	500		3 052 615 043	4061245029474
ORKAN storm washer 26-15 alu-RAL 8004 VE100	26	15	25	100		3 072 615 043	4061245045009
ORKAN storm washer 26-15 alu-RAL 8011	26	15	25	500		3 046 978 119	4061245030104
ORKAN storm washer 26-15 alu-RAL 8011 VE100	26	15	25	100		3 076 978 119	4061245046334
ORKAN storm washer 26-15 alu-RAL 8012	26	15	25	500		3 046 940 119	4061245030135
ORKAN storm washer 26-15 alu-RAL 8012 VE100	26	15	25	100		3 076 940 119	4061245017921
ORKAN storm washer 26-15 alu-RAL 9002	26	15	25	500		3 046 982 119	4061245030098
ORKAN storm washer 26-15 alu-RAL 9002 VE100	26	15	25	100		3 076 982 119	4061245017907
ORKAN storm washer 26-15 alu-RAL 9006	26	15	25	500		3 046 984 119	4061245030081
ORKAN storm washer 26-15 alu-RAL 9006 VE100	26	15	25	100		3 076 984 119	4061245017891
ORKAN storm washer 26-15 alu-RAL 9007	26	15	25	500		3 052 615 220	4061245029399



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

ORKAN Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 26-15 alu-RAL 9007 VE100	26	15	25	100		3 072 615 220	4061245018119
ORKAN storm washer 26-27 mill finish	26	27	25	500		3 047 000 110	4061245018331
ORKAN storm washer 26-27 mill finish VE100	26	27	25	100		3 077 000 110	4061245017884
ORKAN storm washer 26-27 alu stucco	26	27	25	500		3 047 000 119	4061245041216
ORKAN storm washer 26-27 alu stucco VE100	26	27	25	100		3 077 000 119	4061245046341
ORKAN storm washer 26-27 alu-RAL 3000	26	27	25	500		3 047 087 119	4061245029887
ORKAN storm washer 26-27 alu-RAL 3000 VE100	26	27	25	100		3 077 087 119	4061245046365
ORKAN storm washer 26-27 alu-RAL 3009	26	27	25	500		3 047 057 119	4061245029986
ORKAN storm washer 26-27 alu-RAL 3009 VE100	26	27	25	100		3 077 057 119	4061245017846
ORKAN storm washer 26-27 alu-RAL 6005	26	27	25	500		3 052 627 243	4061245029306
ORKAN storm washer 26-27 alu-RAL 6005 VE100	26	27	25	100		3 072 627 243	4061245018096
ORKAN storm washer 26-27 alu-RAL 7016	26	27	25	500		3 047 025 119	4061245030036
ORKAN storm washer 26-27 alu-RAL 7016 VE100	26	27	25	100		3 077 025 119	4061245017877
ORKAN storm washer 26-27 alu-RAL 7035	26	27	25	500		3 047 075 119	4061245029948
ORKAN storm washer 26-27 alu-RAL 7035 VE100	26	27	25	100		3 077 075 119	4061245045115
ORKAN storm washer 26-27 alu-RAL 8004	26	27	25	500		3 047 043 119	4061245030005
ORKAN storm washer 26-27 alu-RAL 8004 VE100	26	27	25	100		3 077 043 119	4061245017853
ORKAN storm washer 26-27 alu-RAL 8011	26	27	25	500		3 047 078 119	4061245029931
ORKAN storm washer 26-27 alu-RAL 8011 VE100	26	27	25	100		3 077 078 119	4061245017839
ORKAN storm washer 26-27 alu-RAL 8012	26	27	25	500		3 047 040 119	4061245030012
ORKAN storm washer 26-27 alu-RAL 8012 VE100	26	27	25	100		3 077 040 119	4061245017860
ORKAN storm washer 26-27 alu-RAL 8014	26	27	25	500		3 047 079 119	4061245029924
ORKAN storm washer 26-27 alu-RAL 8014 VE100	26	27	25	100		3 077 079 119	4061245045122
ORKAN storm washer 26-27 alu-RAL 9002	26	27	25	500		3 047 082 119	4061245029917
ORKAN storm washer 26-27 alu-RAL 9002 VE100	26	27	25	100		3 077 082 119	4061245017822
ORKAN storm washer 26-27 alu-RAL 9006	26	27	25	500		3 047 084 119	4061245029900
ORKAN storm washer 26-27 alu-RAL 9006 VE100	26	27	25	100		3 077 084 119	4061245017815
ORKAN storm washer 26-27 alu-RAL 9007	26	27	25	500		3 052 627 220	4061245029313
ORKAN storm washer 26-27 alu-RAL 9007 VE100	26	27	25	100		3 072 627 220	4061245018102
ORKAN storm washer 26-27 alu-RAL 9010	26	27	25	500		3 047 085 119	4061245029894
ORKAN storm washer 26-27 alu-RAL 9010 VE100	26	27	25	100		3 077 085 119	4061245046822
ORKAN storm washer 26-34 mill finish	26	34	25	500		3 052 634 000	4061245018256
ORKAN storm washer 26-34 mill finish VE100	26	34	25	100		3 072 634 000	4061245046372
ORKAN storm washer 26-34 alu-RAL 7016	26	34	25	500		3 052 634 025	4061245029290
ORKAN storm washer 26-34 alu-RAL 7016 VE100	26	34	25	100		3 072 634 025	4061245045139
ORKAN storm washer 26-34 alu-RAL 8004	26	34	25	500		3 052 634 043	4061245029276
ORKAN storm washer 26-34 alu-RAL 8004 VE100	26	34	25	100		3 072 634 043	4061245046389
ORKAN storm washer 26-34 alu-RAL 8012	26	34	25	500		3 052 634 040	4061245029283
ORKAN storm washer 26-34 alu-RAL 8012 VE100	26	34	25	100		3 072 634 040	4061245046396
ORKAN storm washer 26-34 alu-RAL 9002	26	34	25	500		3 052 634 082	4061245029238
ORKAN storm washer 26-34 alu-RAL 9002 VE100	26	34	25	100		3 072 634 082	4061245046402
ORKAN storm washer 26-34 alu-RAL 9006	26	34	25	500		3 052 634 084	4061245029221
ORKAN storm washer 26-34 alu-RAL 9006 VE100	26	34	25	100		3 072 634 084	4061245061689
ORKAN storm washer 26-34 alu-RAL 9007	26	34	25	500		3 052 634 220	4061245029177
ORKAN storm washer 26-34 alu-RAL 9007 VE100	26	34	25	100		3 072 634 220	4061245061696
ORKAN storm washer 26-50 mill finish	26	50	25	500		3 052 650 000	4061245018249
ORKAN storm washer 26-50 mill finish VE100	26	50	25	100		3 072 650 000	4061245046419
ORKAN storm washer 26-50 alu-RAL 7016	26	50	25	500		3 052 650 025	4061245029153
ORKAN storm washer 26-50 alu-RAL 7016 VE100	26	50	25	100		3 072 650 025	4061245045153





Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 26-50 alu-RAL 8004	26	50	25	500		3 052 650 043	4061245029122
ORKAN storm washer 26-50 alu-RAL 8004 VE100	26	50	25	100		3 072 650 043	4061245046426
ORKAN storm washer 26-50 alu-RAL 8012	26	50	25	500		3 052 650 040	4061245029139
ORKAN storm washer 26-50 alu-RAL 8012 VE100	26	50	25	100		3 072 650 040	4061245061702
ORKAN storm washer 31-31 mill finish	31	31	30	500		3 053 132 000	4061245018225
ORKAN storm washer 31-31 mill finish VE100	31	31	30	100		3 073 132 000	4061245046433
ORKAN storm washer 31-31 alu-RAL 7016	31	31	30	500		3 053 131 025	4061245028934
ORKAN storm washer 31-31 alu-RAL 7016 VE100	31	31	30	100		3 073 131 025	4061245046440
ORKAN storm washer 31-31 alu-RAL 8012	31	31	30	500		3 053 131 040	4061245028927
ORKAN storm washer 31-31 alu-RAL 8012 VE100	31	31	30	100		3 073 131 040	4061245046457
ORKAN storm washer 31-37 mill finish	31	37	30	500		3 045 900 110	4061245018393
ORKAN storm washer 31-37 mill finish VE100	31	37	30	100		3 075 900 110	4061245046464
ORKAN storm washer 31-37 alu-RAL 7016	31	37	30	500		3 045 925 119	4061245030562
ORKAN storm washer 31-37 alu-RAL 7016 VE100	31	37	30	100		3 075 925 119	4061245061719
ORKAN storm washer 32-25 mill finish	32	25	31	500		3 053 124 000	4061245018232
ORKAN storm washer 32-25 mill finish VE100	32	25	31	100		3 073 124 000	4061245045160
ORKAN storm washer 32-25 alu-RAL 3009	32	25	31	500		3 053 124 057	4061245029054
ORKAN storm washer 32-25 alu-RAL 3009 VE100	32	25	31	100		3 073 124 057	4061245018072
ORKAN storm washer 32-25 alu-RAL 7016	32	25	31	500		3 053 124 025	4061245029078
ORKAN storm washer 32-25 alu-RAL 7016 VE100	32	25	31	100		3 073 124 025	4061245018089
ORKAN storm washer 32-25 alu-RAL 7035	32	25	31	500		3 053 124 075	4061245029030
ORKAN storm washer 32-25 alu-RAL 7035 VE100	32	25	31	100		3 073 124 075	4061245045177
ORKAN storm washer 32-25 alu-RAL 8004	32	25	31	500		3 053 225 043	4061245028705
ORKAN storm washer 32-25 alu-RAL 8004 VE100	32	25	31	100		3 073 225 043	4061245018034
ORKAN storm washer 32-25 alu-RAL 8012	32	25	31	500		3 053 124 040	4061245029061
ORKAN storm washer 32-25 alu-RAL 8012 VE100	32	25	31	100		3 073 124 040	4061245046495
ORKAN storm washer 32-25 alu-RAL 8014	32	25	31	500		3 053 124 079	4061245029016
ORKAN storm washer 32-25 alu-RAL 8014 VE100	32	25	31	100		3 073 124 079	4061245045184
ORKAN storm washer 32-25 alu-RAL 9002	32	25	31	500		3 053 124 082	4061245029009
ORKAN storm washer 32-25 alu-RAL 9002 VE100	32	25	31	100		3 073 124 082	4061245018065
ORKAN storm washer 32-25 alu-RAL 9006	32	25	31	500		3 053 124 084	4061245028996
ORKAN storm washer 32-25 alu-RAL 9006 VE100	32	25	31	100		3 073 124 084	4061245018058
ORKAN storm washer 32-25 alu-RAL 9007	32	25	31	500		3 053 124 220	4061245028958
ORKAN storm washer 32-25 alu-RAL 9007 VE100	32	25	31	100		3 073 124 220	4061245018041
ORKAN storm washer 35-47 mill finish	35	47	34	500		3 053 547 000	4061245018195
ORKAN storm washer 35-47 mill finish VE100	35	47	34	100		3 073 547 000	4061245046501
ORKAN storm washer 35-47 alu-RAL 7016	35	47	34	500		3 053 547 025	4061245028477
ORKAN storm washer 35-47 alu-RAL 7016 VE100	35	47	34	100		3 073 547 025	4061245018027
ORKAN storm washer 35-47 alu-RAL 8004	35	47	34	500		3 053 547 043	4061245028453
ORKAN storm washer 35-47 alu-RAL 8004 VE100	35	47	34	100		3 073 547 043	4061245046518
ORKAN storm washer 35-47 alu-RAL 8012	35	47	34	500		3 053 547 040	4061245028460
ORKAN storm washer 35-47 alu-RAL 8012 VE100	35	47	34	100		3 073 547 040	4061245018010
ORKAN storm washer 35-47 alu-RAL 9002	35	47	34	500		3 053 547 082	4061245028385
ORKAN storm washer 35-47 alu-RAL 9002 VE100	35	47	34	100		3 073 547 082	4061245018003
ORKAN storm washer 35-47 alu-RAL 9006	35	47	34	500		3 053 547 084	4061245028378
ORKAN storm washer 35-47 alu-RAL 9006 VE100	35	47	34	100		3 073 547 084	4061245046839
ORKAN storm washer 36-40 mill finish	36	40	35	500		3 053 538 000	4061245018201
ORKAN storm washer 36-40 mill finish VE100	36	40	35	100		3 073 538 000	4061245045191
ORKAN storm washer 36-40 alu-RAL 7016	36	40	35	500		3 053 541 025	4061245028552





Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 36-40 alu-RAL 7016 VE100	36	40	35	100		3 073 541 025	4061245045207
ORKAN storm washer 36-40 alu-RAL 8004	36	40	35	500		3 053 541 043	4061245041162
ORKAN storm washer 36-40 alu-RAL 8004 VE100	36	40	35	100		3 073 541 043	4061245046532
ORKAN storm washer 36-40 alu-RAL 8012	36	40	35	500		3 053 541 040	4061245041179
ORKAN storm washer 36-40 alu-RAL 8012 VE100	36	40	35	100		3 073 541 040	4061245045214
ORKAN storm washer 36-40 alu-RAL 9002	36	40	35	500		3 053 541 082	4061245041155
ORKAN storm washer 36-40 alu-RAL 9002 VE100	36	40	35	100		3 073 541 082	4061245046549
ORKAN storm washer 41-16 mill finish	41	16	40	500		3 046 200 110	4061245018379
ORKAN storm washer 41-16 mill finish VE100	41	16	40	100		3 076 200 110	4061245045221
ORKAN storm washer 41-16 alu-RAL 7016	41	16	40	500		3 046 225 119	4061245030524
ORKAN storm washer 41-16 alu-RAL 7016 VE100	41	16	40	100		3 076 225 119	4061245045238
ORKAN storm washer 41-16 alu-RAL 8012	41	16	40	500		3 046 240 119	4061245030494
ORKAN storm washer 41-16 alu-RAL 8012 VE100	41	16	40	100		3 076 240 119	4061245045245
ORKAN storm washer 41-16 alu-RAL 9002	41	16	40	500		3 046 282 119	4061245030425
ORKAN storm washer 41-16 alu-RAL 9002 VE100	41	16	40	100		3 076 282 119	4061245017945
ORKAN storm washer 41-16 alu-RAL 9006	41	16	40	500		3 046 284 119	4061245030418
ORKAN storm washer 41-16 alu-RAL 9006 VE100	41	16	40	100		3 076 284 119	4061245045252
ORKAN storm washer 41-32 mill finish	41	32	40	500		3 049 200 110	4061245018300
ORKAN storm washer 41-32 mill finish VE100	41	32	40	100		3 079 200 110	4061245017761
ORKAN storm washer 41-32 alu stucco	41	32	40	500		3 049 200 119	4061245041209
ORKAN storm washer 41-32 alu stucco VE100	41	32	40	100		3 079 200 119	4061245046563
ORKAN storm washer 41-32 alu-RAL 1015	41	32	40	500		3 049 291 119	4061245029801
ORKAN storm washer 41-32 alu-RAL 1015 VE100	41	32	40	100		3 079 291 119	4061245061726
ORKAN storm washer 41-32 alu-RAL 3000	41	32	40	500		3 049 287 119	4061245029818
ORKAN storm washer 41-32 alu-RAL 3000 VE100	41	32	40	100		3 079 287 119	4061245061733
ORKAN storm washer 41-32 alu-RAL 3003	41	32	40	500		3 054 132 205	4061245028149
ORKAN storm washer 41-32 alu-RAL 3003 VE100	41	32	40	100		3 074 132 205	4061245061740
ORKAN storm washer 41-32 alu-RAL 3009	41	32	40	500		3 049 257 119	4061245029849
ORKAN storm washer 41-32 alu-RAL 3009 VE100	41	32	40	100		3 079 257 119	4061245017723
ORKAN storm washer 41-32 alu-RAL 3011	41	32	40	500		3 054 132 237	4061245041148
ORKAN storm washer 41-32 alu-RAL 3011 VE100	41	32	40	100		3 074 132 237	4061245045269
ORKAN storm washer 41-32 alu-RAL 6005	41	32	40	500		3 054 132 243	4061245028132
ORKAN storm washer 41-32 alu-RAL 6005 VE100	41	32	40	100		3 074 132 243	4061245017983
ORKAN storm washer 41-32 alu-RAL 6011	41	32	40	500		3 049 266 119	4061245025124
ORKAN storm washer 41-32 alu-RAL 6011 VE100	41	32	40	100		3 079 266 119	4061245045276
ORKAN storm washer 41-32 alu-RAL 6020	41	32	40	500		3 049 234 119	4061245025179
ORKAN storm washer 41-32 alu-RAL 6020 VE100	41	32	40	100		3 079 234 119	4061245045283
ORKAN storm washer 41-32 alu-RAL 7016	41	32	40	500		3 049 225 119	4061245025186
ORKAN storm washer 41-32 alu-RAL 7016 VE100	41	32	40	100		3 079 225 119	4061245017754
ORKAN storm washer 41-32 alu-RAL 7035	41	32	40	500		3 049 275 119	4061245025117
ORKAN storm washer 41-32 alu-RAL 7035 VE100	41	32	40	100		3 079 275 119	4061245017716
ORKAN storm washer 41-32 alu-RAL 8004	41	32	40	500		3 049 243 119	4061245025148
ORKAN storm washer 41-32 alu-RAL 8004 VE100	41	32	40	100		3 079 243 119	4061245017730
ORKAN storm washer 41-32 alu-RAL 8011	41	32	40	500		3 049 278 119	4061245025100
ORKAN storm washer 41-32 alu-RAL 8011 VE100	41	32	40	100		3 079 278 119	4061245017709
ORKAN storm washer 41-32 alu-RAL 8012	41	32	40	500		3 049 240 119	4061245025155
ORKAN storm washer 41-32 alu-RAL 8012 VE100	41	32	40	100		3 079 240 119	4061245017747
ORKAN storm washer 41-32 alu-RAL 8014	41	32	40	500		3 049 279 119	4061245025094
ORKAN storm washer 41-32 alu-RAL 8014 VE100	41	32	40	100		3 079 279 119	4061245061757





Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 41-32 alu-RAL 9002	41	32	40	500		3 049 282 119	4061245025087
ORKAN storm washer 41-32 alu-RAL 9002 VE100	41	32	40	100		3 079 282 119	4061245017693
ORKAN storm washer 41-32 alu-RAL 9006	41	32	40	500		3 049 284 119	4061245025070
ORKAN storm washer 41-32 alu-RAL 9006 VE100	41	32	40	100		3 079 284 119	4061245017686
ORKAN storm washer 41-32 alu-RAL 9007	41	32	40	500		3 054 132 220	4061245024509
ORKAN storm washer 41-32 alu-RAL 9007 VE100	41	32	40	100		3 074 132 220	4061245017990
ORKAN storm washer 41-39 mill finish	41	39	40	500		3 054 139 000	4061245018188
ORKAN storm washer 41-39 mill finish VE100	41	39	40	100		3 074 139 000	4061245041124
ORKAN storm washer 41-39 alu-RAL 3009	41	39	40	500		3 054 139 057	4061245024448
ORKAN storm washer 41-39 alu-RAL 3009 VE100	41	39	40	100		3 074 139 057	4061245046570
ORKAN storm washer 41-39 alu-RAL 7016	41	39	40	500		3 054 139 025	4061245024493
ORKAN storm washer 41-39 alu-RAL 7016 VE100	41	39	40	100		3 074 139 025	4061245017976
ORKAN storm washer 41-39 alu-RAL 8004	41	39	40	500		3 054 139 043	4061245024462
ORKAN storm washer 41-39 alu-RAL 8004 VE100	41	39	40	100		3 074 139 043	4061245045306
ORKAN storm washer 41-39 alu-RAL 8011	41	39	40	500		3 054 139 078	4061245024394
ORKAN storm washer 41-39 alu-RAL 8011 VE100	41	39	40	100		3 074 139 078	4061245045443
ORKAN storm washer 41-39 alu-RAL 8012	41	39	40	500		3 054 139 040	4061245024479
ORKAN storm washer 41-39 alu-RAL 8012 VE100	41	39	40	100		3 074 139 040	4061245017969
ORKAN storm washer 41-39 alu-RAL 9002	41	39	40	500		3 054 139 082	4061245024370
ORKAN storm washer 41-39 alu-RAL 9002 VE100	41	39	40	100		3 074 139 082	4061245017952
ORKAN storm washer 41-39 alu-RAL 9006	41	39	40	500		3 054 139 084	4061245024363
ORKAN storm washer 41-39 alu-RAL 9006 VE100	41	39	40	100		3 074 139 084	4061245045320
ORKAN storm washer 41-39 alu-RAL 9007	41	39	40	500		3 054 139 220	4061245024318
ORKAN storm washer 41-39 alu-RAL 9007 VE100	41	39	40	100		3 074 139 220	4061245045337
ORKAN storm washer 41-50 mill finish	41	50	40	500		3 054 150 000	4061245018171
ORKAN storm washer 41-50 mill finish VE100	41	50	40	100		3 074 150 000	4061245046587
ORKAN storm washer 55-32 mill finish	55	32	54	400		3 049 500 110	4061245018294
ORKAN storm washer 55-32 mill finish VE100	55	32	54	100		3 079 500 110	4061245045344
ORKAN storm washer 55-32 alu-RAL 7016	55	32	54	400		3 049 525 119	4061245025049
ORKAN storm washer 55-32 alu-RAL 7016 VE100	55	32	54	100		3 079 525 119	4061245017679
ORKAN storm washer 55-32 alu-RAL 7035	55	32	54	400		3 049 575 119	4061245024943
ORKAN storm washer 55-32 alu-RAL 7035 VE100	55	32	54	100		3 079 575 119	4061245061764
ORKAN storm washer 55-32 alu-RAL 8012	55	32	54	400		3 049 540 119	4061245025001
ORKAN storm washer 55-32 alu-RAL 8012 VE100	55	32	54	100		3 079 540 119	4061245017662
ORKAN storm washer 55-32 alu-RAL 9002	55	32	54	400		3 049 582 119	4061245024912
ORKAN storm washer 55-32 alu-RAL 9002 VE100	55	32	54	100		3 079 582 119	4061245017655
ORKAN storm washer 55-32 alu-RAL 9006	55	32	54	400		3 049 584 119	4061245024905
ORKAN storm washer 55-32 alu-RAL 9006 VE100	55	32	54	100		3 079 584 119	4061245017648
ORKAN storm washer 55-32 alu-RAL 9007	55	32	54	400		3 055 532 220	4061245024035
ORKAN storm washer 55-32 alu-RAL 9007 VE100	55	32	54	100		3 075 532 220	4061245046600

EJOT® ORKAN storm washer corrugated



Application range

- > Crown fixing of corrugated profile sheets
- > Crown fixing of light diffusing panels

Properties

- > Optimised reinforcement flanges
- > Secure waterproofing
- > Aluminium alloy mill finish, coloured (RAL)

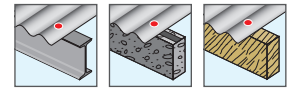
Benefits

- > Increased installation reliability
- > High dimensional stability
- > Optimum load transmission
- > In combination with EJOT self-drilling and self-tapping screws a sophisticated fastening system

Note

Only use screws with 16 mm washer diameter. For determination of the clamp thickness please take the storm washer into account with 3 mm. Storm washers which are not mentioned are special storm washers. Please note surcharges.

Applications



Technical data



Cross references	page
Self-drilling screw JF3-6.8	76
Self-drilling screw JT3-2-6.5	84
Self-drilling screw JT3-6-5.5	86
Self-drilling screw JT3-12-5.5	90
Self-tapping screw JA1-6.5	143
Self-tapping screw JZ3-6.3	137
Self-tapping screw JZ1-6.3	144

Online shop



Order description	Radius [mm]	for corrugated profile	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer W24 mill finish	24	18/76	50	500		3 047 700 110	4061245018317
ORKAN storm washer W24 mill finish VE100	24	18/76	50	100		3 077 700 110	4061245017808
ORKAN storm washer W24 Alu- RAL 3009	24	18/76	50	500		3 047 757 119	4061245025278
ORKAN storm washer W24 alu-RAL 3009 VE100	24	18/76	50	100		3 077 757 119	4061245046617
ORKAN storm washer W24 alu-RAL 7016	24	18/76	50	500		3 047 725 119	4061245025322
ORKAN storm washer W24 alu-RAL 7016 VE100	24	18/76	50	100		3 077 725 119	4061245017792
ORKAN storm washer W24 Alu- RAL 8004	24	18/76	50	500		3 047 743 119	4061245025292
ORKAN storm washer W24 alu-RAL 8004 VE100	24	18/76	50	100		3 077 743 119	4061245045351
ORKAN storm washer W24 Alu- RAL 8012	24	18/76	50	500		3 047 740 119	4061245025308
ORKAN storm washer W24 alu-RAL 8012 VE100	24	18/76	50	100		3 077 740 119	4061245017785
ORKAN storm washer W24 Alu- RAL 9006	24	18/76	50	500		3 047 784 119	4061245025223
ORKAN storm washer W24 alu-RAL 9006 VE100	24	18/76	50	100		3 077 784 119	4061245017778
ORKAN storm washer W24 Alu- RAL 9007	24	18/76	50	500		3 050 024 220	4061245024738
ORKAN storm washer W24 alu-RAL 9007 VE100	24	18/76	50	100		3 070 024 220	4061245045368
ORKAN storm washer W30 mill finish	30	27/111	50	500		3 050 030 000	4061245018287
ORKAN storm washer W30 mill finish VE100	30	27/111	50	100		3 070 030 000	4061245045375
ORKAN storm washer W30 alu-RAL 7016	30	27/111	50	500		3 050 030 025	4061245024721
ORKAN storm washer W30 alu-RAL 7016 VE100	30	27/111	50	100		3 070 030 025	4061245045382
ORKAN storm washer W30 Alu- RAL 9006	30	27/111	50	500		3 050 030 084	4061245024660
ORKAN storm washer W30 alu-RAL 9006 VE100	30	27/111	50	100		3 070 030 084	4061245045399
ORKAN storm washer W48 mill finish	48	42/160 + 55/177	50	500		3 047 400 110	4061245018324
ORKAN storm washer W48 mill finish VE100	48	42/160 + 55/177	50	100		3 077 400 110	4061245045405
ORKAN storm washer W48 alu-RAL 7016	48	42/160 + 55/177	50	500		3 047 425 119	4061245025377
ORKAN storm washer W48 alu-RAL 7016 VE100	48	42/160 + 55/177	50	100		3 077 425 119	4061245045412
ORKAN storm washer W48 Alu- RAL 9006	48	42/160 + 55/177	50	500		3 047 484 119	4061245025346
ORKAN storm washer W48 alu-RAL 9006 VE100	48	42/160 + 55/177	50	100		3 077 484 119	4061245045429

Selection guide for EJOT® ORKAN storm washers

This list is not exhaustive. Not listed profiles or profiles marked with * upon request.

Manufacturer	Profile description	Storm washer type	Manufacturer	Profile description	Storm washer type	
Alubel	alubel 28	41 - 32	Bieber	89/305	41 - 32	
	alubel 21	26 - 34		100/275	41 - 24*	
	alubel 40	41 - 32		106/250	41 - 16	
	alubel 44	31 - 31		110/333	41 - 16	
	Alutech Dach	26 - 27		135/310	41 - 24*	
Aluform	Aluform 20/125	41 - 32		150/280	41 - 24*	
	Aluform 29/124	20 - 34		160/250	41 - 16	
	Aluform 30/153	26 - 34		170/250	41 - 16	
	Aluform 40/167	35 - 23*		Brucha	DP72/82/102/122/142/162	26 - 15
	Aluform 42/250	31 - 31			DP-F	26 - 15
	Aluform 45/150	26 - 27		DS Staalprofil	DS 20/115	26 - 34
	Aluform 45/200	41 - 24*			DS 35/190	41 - 39
	Alutherm DT 900	26 - 27			DS 35/206	36 - 40
	Alutherm DT 1000	31 - 31	DS Sinus 35/143		W 30	
	Corrugated sheet 18/76	W 24	SISCOROOOF 4G		21 - 16	
	Corrugated sheet 35/137	W 43	SISCOTEC ROOF 4G		21 - 16	
	Corrugated sheet 55/177	W 48	EL 22/214		36 - 40	
	Arcelor	A 35/207	35 - 47	Feilmeier	EL 30/220	41 - 50
AL 34/207		41 - 39	EL 35/207		41 - 32	
B 35/207		41 - 16	EL 39/333/S		36 - 32*	
39/333 T		26 - 27	EL 40/183		41 - 16	
AL 40/183		41 - 16	EL 45/333/S		31 - 37	
A 40/183		41 - 24*	EL 50/250		53 - 36*	
44/180		53 - 36	Corrugated sheet EL 18/76		W24	
AL 45/150		26 - 27	Finish Profiles		Dakprofiel 18 - 76	W 24
50/262.5		46 - 43			Dakprofiel 42 - 960	W 48
85/280		41 - 39			Dakprofiel 35 - 1000	41 - 24*
100/275		41 - 24*			Dakprofiel 40 - 915	41 - 16
105/345		41 - 24*			Dakprofiel 50 - 1000	55 - 32
106/250		41 - 16			Dakprofiel 58 - 945 KD	53 - 36*
Ondatherm 1001 TS	26 - 27	Dakprofiel 70R - 800		53 - 18*		
Balex	Ondafibre 3005 T	26 - 27	35/207	41 - 32		
	Agratherm 1001 TS	26 - 27	40/183	41 - 16		
	Corrugated sheet 18/76	W24	50/250	55 - 32		
	Balextherm-PV-R	26 - 27	85/280	41 - 32		
	Bieber	20/125	41 - 32	Fischer	100/275	41 - 24*
30/262K		41 - 50	135/310		41 - 24*	
35/207		41 - 32	150/280		41 - 24*	
40/183/183 S		41 - 16	165/250		41 - 16	
50/250		41 - 39	Sinus 18		W 24	
50/262		46 - 43*	Sinus 27		W 30	
58/315K		53 - 36*	Sinus 42		W 48	
70/200		53 - 18*	DL 70; 80; 100; 120; 140; 160		41 - 32	
80/307		41 - 32	20/220		41 - 50	



Self-drilling Screws
 Facade Technology (VHF)
 Direct Assembly
 Self-tapping Screws
 Orkan Storm Washers
 Rivets
 Fasteners for Solar / Photovoltaic
 Scaffolding Anchors
 Pipe Flashings
 Flat Roof Fasteners
 Nylon Expansion Anchoring Technology
 Metal + Chemical Anchors
 Window / Glass Facade Screws
 Accessories
 Machinery Spare Parts Tools

Selection guide for EJOT® ORKAN storm washers

This list is not exhaustive. Not listed profiles or profiles marked with * upon request.



Manufacturer	Profile description	Storm washer type	Manufacturer	Profile description	Storm washer type
Friedrich von Lien AG Weckmann	W-20/990	26 - 34	Klückner	KAS -D 65 - 115	36 - 40
	W-20/1100	26 - 50		KAS -D 68	21 - 16
	W-35/1035	41 - 39		KAS -D 80	41 - 32
	W-45R/900	41 - 24*		KAS -D 62 - 142	26 - 15
	W-45ER/1000	26 - 34	Lattonedil	Isocopre	21 - 25
	W-155/840	41 - 24*		Eurocinque	21 - 25
	W-1/1064	W 24		Eurocopre	21 - 25
Hoesch Bausysteme	Hoesch Thermorock Dach	23 - 33	Laukien	35 - 207	41 - 32
	Hoesch Isodach RD	32 - 25		22 - 214	41 - 39
	T 35.1	41 - 39		20 - 75	26 - 34
	T 40.1	41 - 16		45 - 333 S	26 - 27
	T 50.1	55 - 32		40 - 100	31 - 31
	T 85.1	41 - 32		50 - 250	41 - 39
	T 100.1	41 - 24*		18 / 76	W 24
	T 106.1	41 - 16		27 / 111	W 30
	WP 18/76	W 24		42 / 160	W 48
	WP 42/160	W 48		55 / 177	W 48
Italpannelli	WP 27/111	W 30	Lindab	LP 20	26 - 34
	Penta 40	21 - 16		LP 35	41 - 32
	Jl 33.250.1000	23 - 33		LP 1100	26 - 45*
	Jl 45.333.1000	26 - 27	Sinus 18	W 24	
	Jl Vulcasteel Roof	26 - 34	Luxmetall	LM40 250 1000	26 - 27
Jl 35.207.1035	41 - 39	LM19 156 1094		26 - 45*	
Jl 40.183.915	41 - 16	LM 27-111-1000		W 30	
Joriside	Jl 50.250.1000	55 - 32	Maas	20-75	26 - 34
	Jl 56.317.945	53 - 42*		22-214	41 - 39
	Jl Roof 1000	26 - 27		35-207	41 - 32
	Jl Ecopaneel 1000	23 - 33		40-100	31 - 31
Kingspan	KS 1000 RW	32 - 25	Metecno	45-150	26 - 27
	KS 1000 FF	23 - 33		45-333 S	26 - 27
Klinger & Partner	35.207.1035	41 - 39	Montana	50-250	41 - 39
	39.333.1000	26 - 34		Corrugated sheet 18-76	W24
Klückner	KAS AL-20/125 A	41 - 32	Corrugated sheet 27-111	W30	
	KAS AL-30/153 A	26 - 27	Corrugated sheet 55-177	W48	
	KAS -35/207	41 - 32	Isopaneel	26 - 27	
	KAS AL-40/167 A	35 - 23*	G4	21 - 16	
	KAS-40/183	41 - 16	Hipertec Dach	21 - 16	
	KAS AL-45/200 A	41 - 24*	Hipertec Dach Sound	21 - 16	
	KAS-50/250	55 - 32	Toproof DG	20 - 34	
	KAS-85/280	41 - 39	SISCO	21 - 16	
	KAS-89/305	41 - 32	SP 20	26 - 34	
	KAS -18/76	W 24	SP 26	41 - 24*	
KAS -42/160	W 48	SP 30	41 - 50		
KAS -55/177	W 48	SP 35	41 - 32		



Selection guide for EJOT® ORKAN storm washers

This list is not exhaustive. Not listed profiles or profiles marked with * upon request.



Manufacturer	Profile description	Storm washer type	Manufacturer	Profile description	Storm washer type
Montana	SP 40	41 - 16	Plannja	Plannja 20-105	26 - 38*
	SP 44	31 - 22*		Plannja 35	41 - 32
	SP 45	41 - 32		Sinus 18	W24
	SP 59	35 - 23*		Sinus 51	W48
	SP 80	41 - 16		Plannja 20	36 - 40
	MTD TL 65	35 - 23*		Plannja 60	41 - 16
	MTD TL 85	35 - 23*		Plannja 30	31 - 37
	MTD TL 105	35 - 23*		Plannja 45	41 - 39
	MTD TL 125	35 - 23*		20/154	26 - 34*
	MTD TL 145	35 - 23*		26/143	41 - 32
	SP 18/1064	W 24		30/207	35 - 47
	SP 27/1000	W 30		30/220	41 - 50
	SP 42/960	W 48		30 KD	41 - 50
M-Profile	KP	36 - 40	35/207	41 - 39	
Münker	M 20/210; M 20KD/210	41 - 39	Proge	40/183	41 - 16
	M 35/207	41 - 39		45/150	41 - 32
	M 35.1/207	35 - 47		45/333	32 - 25
	M 40/183	41 - 16		50/250	55 - 32
	M 40.1/183	41 - 24*		58 KD	53 - 42*
	M 40/333; M 40KD/333	26 - 27		59/225	35 - 23*
	M 50/250	55 - 32		70/200	53 - 18*
	M 85/280	41 - 32		80/277	41 - 16
	M 100/275	41 - 24*		85/280	41 - 39
	M 150/280	41 - 24*		89/305	41 - 32
	M 160/250	41 - 16		100/275	41 - 24*
	M 18/76; M 18.1/76	W 24		105/345	41 - 24*
	M 27/111; M 27.1/111	W 30		106/250	41 - 16
O-Metal	20,125/8	41 - 32	Romakowski	Corrugated sheet 18/76	W 24
	20,136/8	31 - 45*		Corrugated sheet 27/111	W 30
	25,280/3	41 - 16		Corrugated sheet 42/160	W 48
	25,268/4	26 - 38*		Corrugated sheet 55/177	W 48
	30,207/5	35 - 23*		D62; D82; D102; D122; D142	26 - 15
	30,153/7	26 - 34		19(KD)/1050	26 - 50
	35,207/5	41 - 39		35R/1035	41 - 32
	40,183/5	41 - 16		40R/915	41 - 16
	40,250/4	26 - 27		50R/1000	55 - 32
	45,150/6	26 - 27		70R/800	53 - 18*
	45,333/3	26 - 27		85R/1120	41 - 39
	50,250/4	55 - 32		89R/915	41 - 32
	50,262.5/4	46 - 43*		100R/825	41 - 24*
Corrugated sheet 18.76	W 24	30KD/1050	41 - 50		
Corrugated sheet 55.177	W48	45KD/1000	32 - 25		
Corrugated sheet 27.111	W30	45KD/1000S	26 - 27		
Plannja	Plannja 19	26 - 45*	Sab	58KD/945	53 - 36*



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

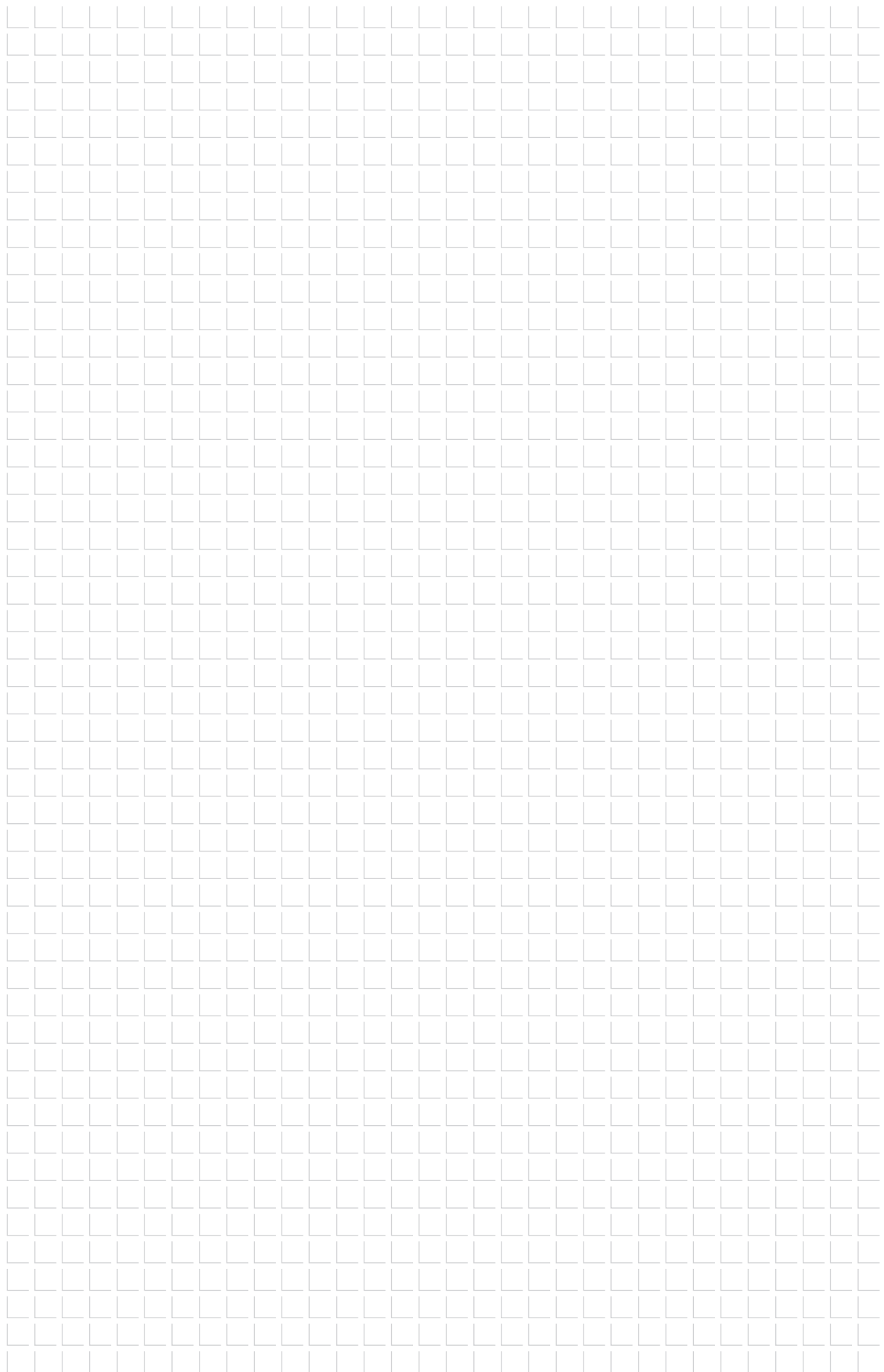
Machinery Spare Parts Tools

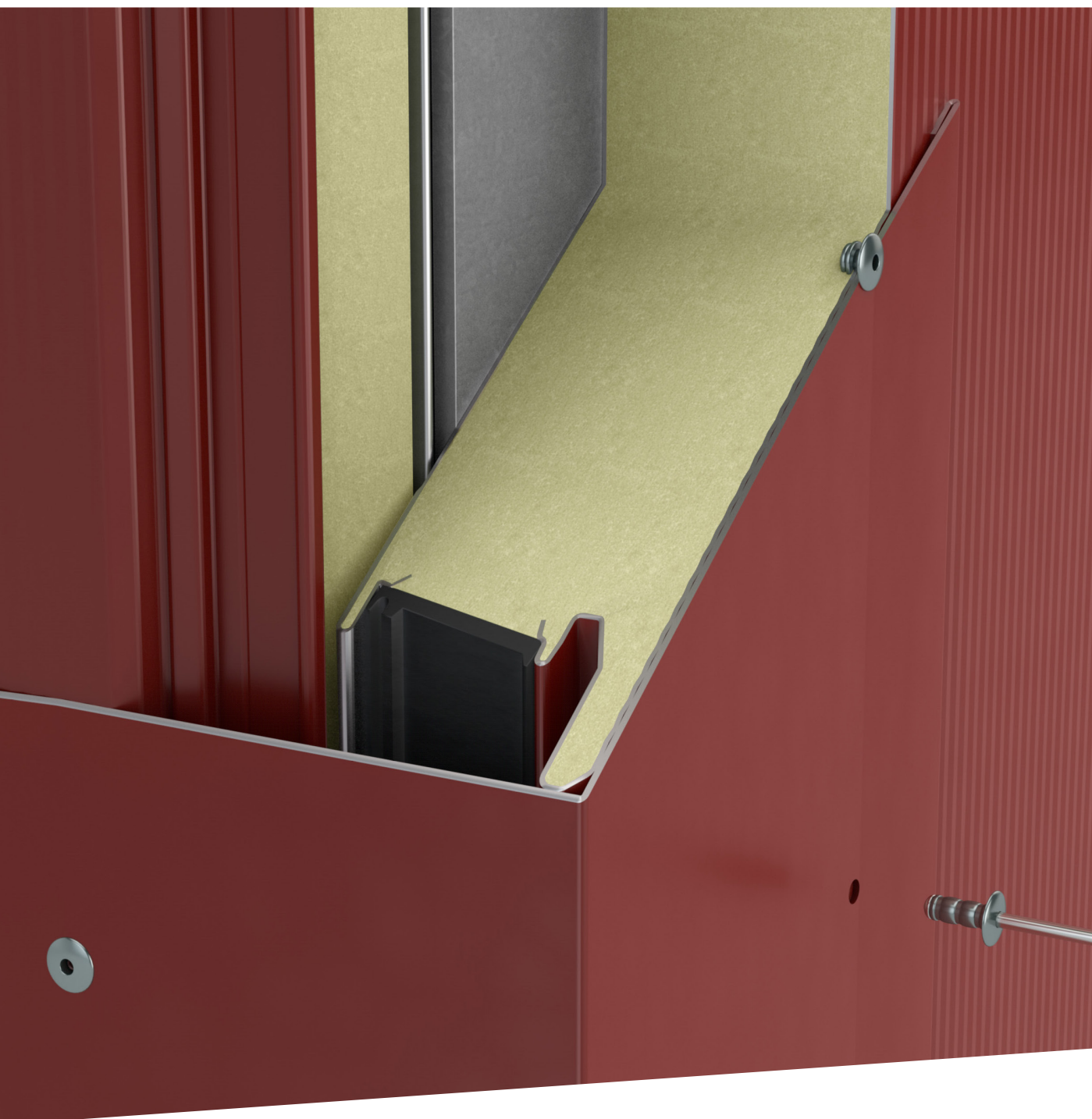
Selection guide for EJOT® ORKAN storm washers

This list is not exhaustive. Not listed profiles or profiles marked with * upon request.



Manufacturer	Profile description	Storm washer type
Sab	65-75-95-115-135	36 - 40
	D 135.1000 TL	36 - 40
	18 / 988	W 24
	42 / 960	W 48
	27 / 1000	W 24
Salzgitter	PS 35/207	41 - 32
	PS 40/183	41 - 16
	PS 50/250	55 - 32
	PS 85/280	41 - 39
	PS 100/275	41 - 24*
	SIP D	41 - 32
Siegmetall	S 18/76	W 24
	S 35/207	35 - 47
	40/183	41 - 16
	40/333	26 - 27
	50/250	55 - 32
	CB 75/305	41 - 39
	85/280	41 - 32
Trimo	100/275	41 - 16
	SNV	26 - 27
Wurzer Profiliertechnik	WU 20/125	41 - 32
	WU 30/200	20 - 34
	WU 30D/207	35 - 47
	WU 30W/207	35 - 47
	WU 35/207	41 - 32
Wurzer Profiliertechnik	WU 40/183	41 - 16
	WU 45/333	26 - 27
	WU 50/250	55 - 32
	WU 80/307	41 - 32
	WU 100/275	41 - 24*
	WU 18/76	W 24
	WU 27/111	W 30
WU 55/177	W 48	





ECORIV® rivets

Plastically deformable fastening elements

Blind rivets

Form-fitted riveted joint of several components

The two-part blind rivet consists of a rivet body which is mounted to a rivet mandrel. Only one side of the components which are to be connected must be accessible for processing. The blind rivet is installed by pulling back the mandrel with a special tool, whereupon the mandrel head penetrates into the rivet and expands the protruding material to a closing head.

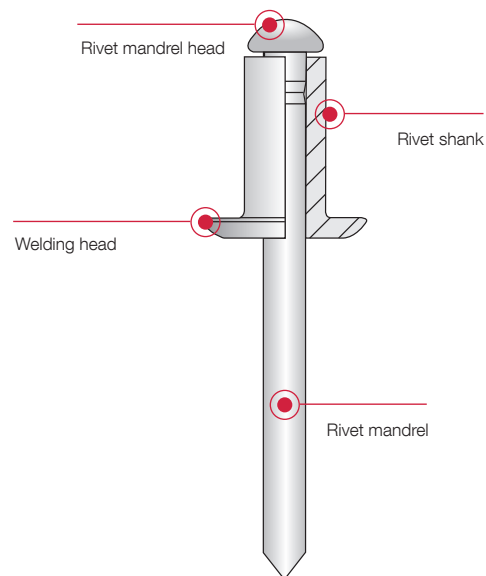
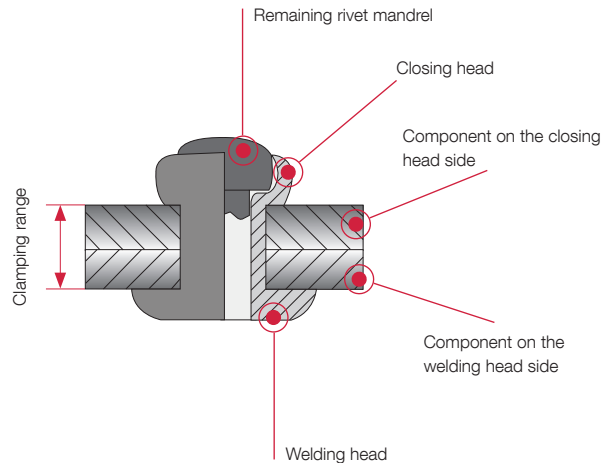
The rivet body is the element which creates the joint.

It is formed by the rivet mandrel and remains in the component non-detachably. The body geometry is selected based on

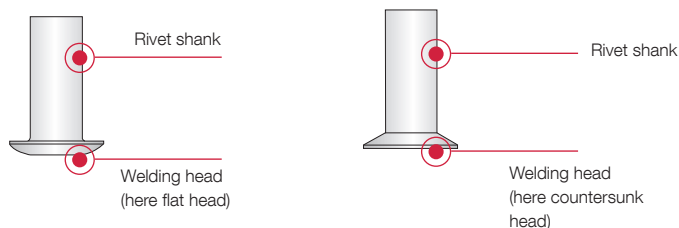
- > the expected mechanical loadings,
- > the corrosion requirements,
- > the design of the components,
- > the thermal stress and to some extent also
- > the visual appearance.

The rivet mandrel is necessary to form the rivet body.

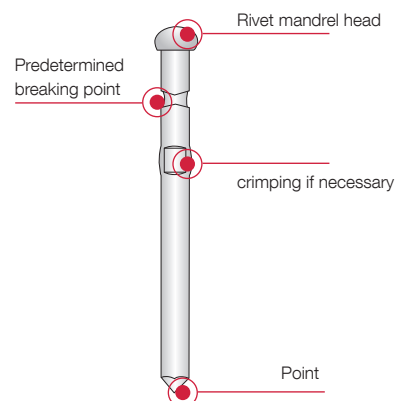
It is designed according to the body type and the requirements concerning the processing and functional properties. For some special rivet types, the rivet mandrel remaining in the joint after the installation is used to increase the shear force of the rivet.



Rivet body

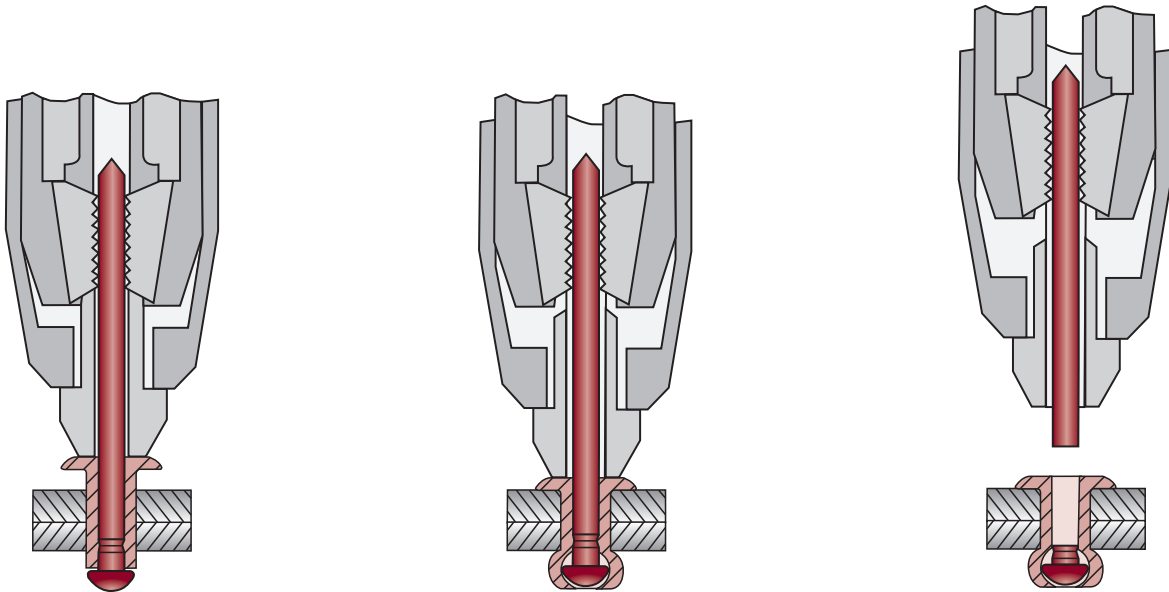


Rivet mandrel



Correct installation of rivets

Special tools are necessary to install blind rivets. The tools have to be selected according to the rivet type, the application and the processing quantity. The possibilities range from manual rivet pliers, lever tools in the manual area, modern cordless tappers to compressed air devices or process-monitored automations for industrial applications.



The installation process

The mandrel of the blind rivet is set into the installation tool and then inserted into the rivet hole.

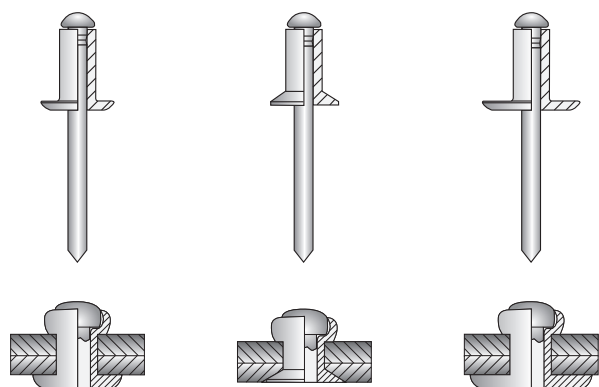
The rivet mandrel is gripped and pulled with the clamping jaws by triggering the installation tool stroke. The rivet mandrel head thus deforms the shaft end of the rivet body.

The process is completed when the mandrel head reaches the height of the component surface. This position is connected with a strong force increase, at which the rivet mandrel tears off at its predetermined breaking point. The torn mandrel is removed, the residual rivet mandrel remains in the rivet.



Rivet versions

Open, closed or high-strength versions, multi-range or folding blind rivets, with flat, countersunk or large head and many more - there are virtually no limits to the range of available dimensions, types and versions.



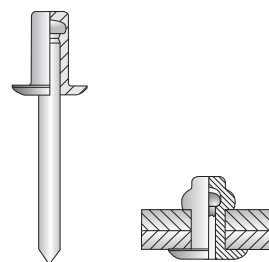
Standard blind rivets

Standard blind rivets are available with flat, countersunk or large head. The product range includes the versions and special types described in the DIN EN ISO 15977 to 15984 as well as 16582 and 16584. By special types we mean rivets with a functional principle according to the above-mentioned norms, but with deviations concerning certain dimensions, functional properties or material combinations.

Closed-end rivets

Due to their cup-shaped rivet body, closed-end rivets are the experts for liquid-seal processing. Thanks to this special design, the remaining rivet mandrel is captive as well. Furthermore, the rivet forms an even, burr-free closing head and is thus particularly suitable for automated processing.

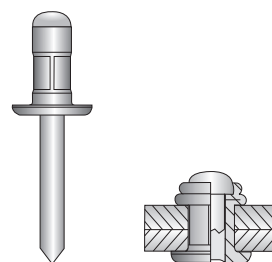
Because of the mentioned features, the closed-end rivet is a preferred fastening element in the automotive industry, like for example for the production of AIRBAGS. Further application areas are the container and apparatus construction and the building industry.



Multi-range blind rivets

The multi-range blind rivet can be clearly distinguished from a standard blind rivet by its specially stamped rivet shank. Its constructive design guarantees a number of outstanding functional properties.

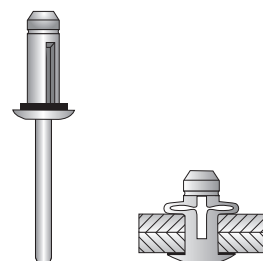
Nowadays, multi-range blind rivets are used in virtually every branch of industry, for example in the vehicle construction, air-conditioning technology or container and apparatus construction. Furthermore, the multi-range blind rivet is perfectly suitable as a repair rivet.



Bulbtite rivets

The large-scale folding of the closing head of bulbtite rivets ensures a uniform distribution of the occurring forces, as a result of which especially soft or brittle components are less heavily loaded.

Bulbtite rivets are used in all areas of industrial lightweight construction. Additionally, the joint is splash-water-protected thanks to the locking of the remaining rivet mandrel. The EJOT ECORIV® bulbtite rivet features an assembled neoprene sealing ring.



Blind rivet ECORIV® aluminium/stainless steel K14



Application range

- > For fastening to steel and aluminium substructures
- > To form sliding points on aluminium substructures

Properties

- > Rivet body made of aluminium (Al)
- > Mandrel made of stainless steel (E)
- > Captive locked
- > Large head, open

Applications



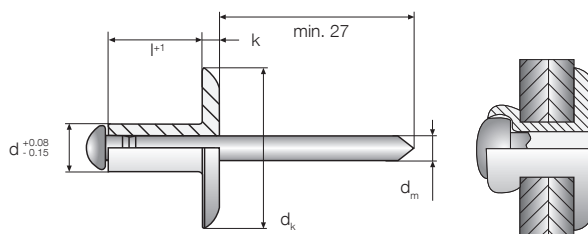
Technical data



Cross references	page
Cordless riveter ECORIV	369
Drill HSS	372
Nose piece for facades	369

Note

Building authorities-approved rivets according to Z-14.1-4 available upon request.



Order description	d [mm]	l+1 [mm]	dk [mm]	dm [mm]	k [mm]	Drill hole diameter [mm]	Clamp thickness [mm]
Blind rivet ECORIV AL/E 5.0x8.0 K14	5.0	8.0	14.0	2.7	1.5	5.1	2.0 - 5.0
Blind rivet ECORIV AL/E 5.0x10.0 K14	5.0	10.0	14.0	2.7	1.5	5.1	4.0 - 6.5
Blind rivet ECORIV AL/E 5.0x12.0 K14	5.0	12.0	14.0	2.7	1.5	5.1	6.0 - 8.0
Blind rivet ECORIV AL/E 5.0x14.0 K14	5.0	14.0	14.0	2.7	1.5	5.1	7.5 - 10.0
Blind rivet ECORIV AL/E 5.0x16.0 K14	5.0	16.0	14.0	2.7	1.5	5.1	9.5 - 12.0
Blind rivet ECORIV AL/E 5.0x18.0 K14	5.0	18.0	14.0	2.7	1.5	5.1	11.5 - 13.5
Blind rivet ECORIV AL/E 5.0x20.0 K14	5.0	20.0	14.0	2.7	1.5	5.1	12.0 - 15.5
Blind rivet ECORIV AL/E 5.0x25.0 K14	5.0	25.0	14.0	2.7	1.5	5.1	15.0 - 20.5
NEW Blind rivet ECORIV AL/E 5.0x16.0 K16	5.0	16.0	16.0	2.7	1.5	5.1	8.0 - 12.0

Order description	PU [pieces]	Price/100 [EUR]	Article number	EAN
Blind rivet ECORIV AL/E 5.0x8.0 K14	500		9 332 503 000	4061245021614
Blind rivet ECORIV AL/E 5.0x10.0 K14	500		9 332 504 000	4061245021621
Blind rivet ECORIV AL/E 5.0x12.0 K14	500		9 332 505 000	4061245021638
Blind rivet ECORIV AL/E 5.0x14.0 K14	500		9 332 506 000	4061245021645
Blind rivet ECORIV AL/E 5.0x16.0 K14	500		9 332 508 000	4061245021652
Blind rivet ECORIV AL/E 5.0x18.0 K14	500		9 332 509 000	4061245021669
Blind rivet ECORIV AL/E 5.0x20.0 K14	500		9 332 510 000	4061245021676
Blind rivet ECORIV AL/E 5.0x25.0 K14	500		9 332 511 000	4061245021683
NEW Blind rivet ECORIV AL/E 5.0x16.0 K16	500		9 338 508 000	4061245061771

Closed-end rivet ECORIV® aluminium/stainless steel



Cross references	page
Cordless riveter ECORIV	369
Drill HSS	372

Application range

- > For side lap stitching of profiled sheet

Properties

- > Rivet body made of aluminium (Al)
- > Mandrel made of stainless steel (E)
- > Captive locked
- > Flat head, closed

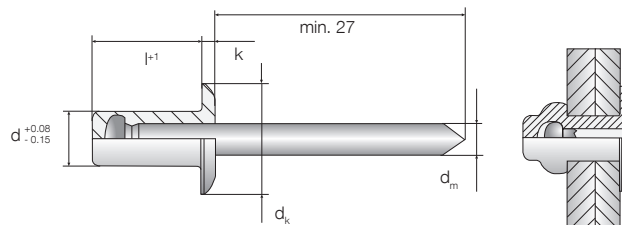
Note

Building authorities-approved rivets according to Z-14.1-4 available upon request.

Applications



Technical data



Order description	d [mm]	l+1 [mm]	d _k [mm]	d _m [mm]	k [mm]	Drill hole diameter [mm]	Clamp thickness [mm]
Closed-end rivet ECORIV AL/E 4.8x8.0	4.8	8.0	9.5	2.7	1.5	4.9	0.5 - 3.5
Closed-end rivet ECORIV AL/E 4.8x10.0	4.8	10.0	9.5	2.7	1.5	4.9	3.0 - 5.0
Closed-end rivet ECORIV AL/E 4.8x12.0	4.8	12.0	9.5	2.7	1.5	4.9	4.5 - 6.5
Closed-end rivet ECORIV AL/E 4.8x14.0	4.8	14.0	9.5	2.7	1.5	4.9	7.5 - 9.5
Closed-end rivet ECORIV AL/E 4.8x16.0	4.8	16.0	9.5	2.7	1.5	4.9	9.0 - 11.0
Closed-end rivet ECORIV AL/E 4.8x22.0	4.8	22.0	9.5	2.7	1.5	4.9	12.5 - 16.0

Order description	PU [pieces]	Price/100 [EUR]	Article number	EAN
Closed-end rivet ECORIV AL/E 4.8x8.0	500		9 334 403 000	4061245021690
Closed-end rivet ECORIV AL/E 4.8x10.0	500		9 334 404 000	4061245021706
Closed-end rivet ECORIV AL/E 4.8x12.0	500		9 334 405 000	4061245021713
Closed-end rivet ECORIV AL/E 4.8x14.0	500		9 334 406 000	4061245021720
Closed-end rivet ECORIV AL/E 4.8x16.0	500		9 334 408 000	4061245021737
Closed-end rivet ECORIV AL/E 4.8x22.0	500		9 334 411 000	4061245021744

Multi-range blind rivet ECORIV® aluminium/stainless steel



Application range

- > For side lap stitching of profiled sheet

Properties

- > Rivet body made of aluminium (Al)
- > Mandrel made of stainless steel (E)
- > Captive locked
- > Flat head, open

Note

Building authorities-approved rivets according to Z-14.1-4 available upon request.

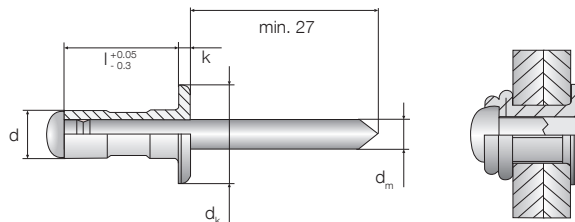
Applications



Technical data



Cross references	page
Cordless riveter ECORIV	369
Drill HSS	372



Order description	d [mm]	l ⁺ [mm]	d _k [mm]	d _m [mm]	k [mm]	Drill hole diameter [mm]	Clamp thick- ness [mm]
Multigrip rivet ECORIV AL/E 4.0x9.5	4.0	9.5	7.9	2.3	1.2	4.1	1.2 - 6.3
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 7016	4.0	9.5	7.9	2.3	1.2	4.1	1.2 - 6.3
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9002	4.0	9.5	7.9	2.3	1.2	4.1	1.2 - 6.3
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9006	4.0	9.5	7.9	2.3	1.2	4.1	1.2 - 6.3
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9007	4.0	9.5	7.9	2.3	1.2	4.1	1.2 - 6.3
Multigrip rivet ECORIV AL/E 4.8x10.3	4.8	10.3	9.8	2.8	1.5	4.9	1.6 - 6.3
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 7016	4.8	10.3	9.8	2.8	1.5	4.9	1.6 - 6.3
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9002	4.8	10.3	9.8	2.8	1.5	4.9	1.6 - 6.3
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9006	4.8	10.3	9.8	2.8	1.5	4.9	1.6 - 6.3
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9007	4.8	10.3	9.8	2.8	1.5	4.9	1.6 - 6.3
Multigrip rivet ECORIV AL/E 4.8x15.1	4.8	15.1	9.8	2.8	1.5	4.9	4.8 - 11.1
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 7016	4.8	15.1	9.8	2.8	1.5	4.9	4.8 - 11.1
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9002	4.8	15.1	9.8	2.8	1.5	4.9	4.8 - 11.1
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9006	4.8	15.1	9.8	2.8	1.5	4.9	4.8 - 11.1
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9007	4.8	15.1	9.8	2.8	1.5	4.9	4.8 - 11.1
Multigrip rivet ECORIV AL/E 4.8x24.8	4.8	24.8	9.8	2.8	1.5	4.9	12.7 - 19.8

Order description	PU [pieces]	Price/100 [EUR]	Article number	EAN
Multigrip rivet ECORIV AL/E 4.0x9.5	500		9 337 360 000	4061245021379
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 7016	100		9 337 360 025	4061245046679
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9002	100		9 337 360 082	4061245046686
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9006	100		9 337 360 084	4061245046693
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9007	100		9 337 360 220	4061245046709
Multigrip rivet ECORIV AL/E 4.8x10.3	500		9 337 361 000	4061245021386
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 7016	100		9 337 361 025	4061245046716
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9002	100		9 337 361 082	4061245046723
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9006	100		9 337 361 084	4061245046730
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9007	100		9 337 361 220	4061245046747
Multigrip rivet ECORIV AL/E 4.8x15.1	500		9 337 362 000	4061245021393
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 7016	100		9 337 362 025	4061245046754
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9002	100		9 337 362 082	4061245046761
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9006	100		9 337 362 084	4061245046778
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9007	100		9 337 362 220	4061245046785
Multigrip rivet ECORIV AL/E 4.8x24.8	500		9 337 363 000	4061245021607

Folding blind rivet ECORIV® aluminium/aluminium



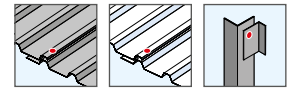
Application range

- > For side lap stitching of profiled metal and plastic sheets
- > For connecting aluminium profiles

Properties

- > Rivet body made of aluminium (Al)
- > Mandrel made of aluminium (Al)
- > Captive locked
- > Flat head, open
- > With neoprene sealing ring

Applications



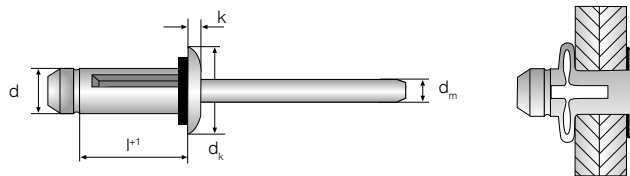
Technical data



Cross references	page
Cordless riveter ECORIV	369
Drill HSS	372

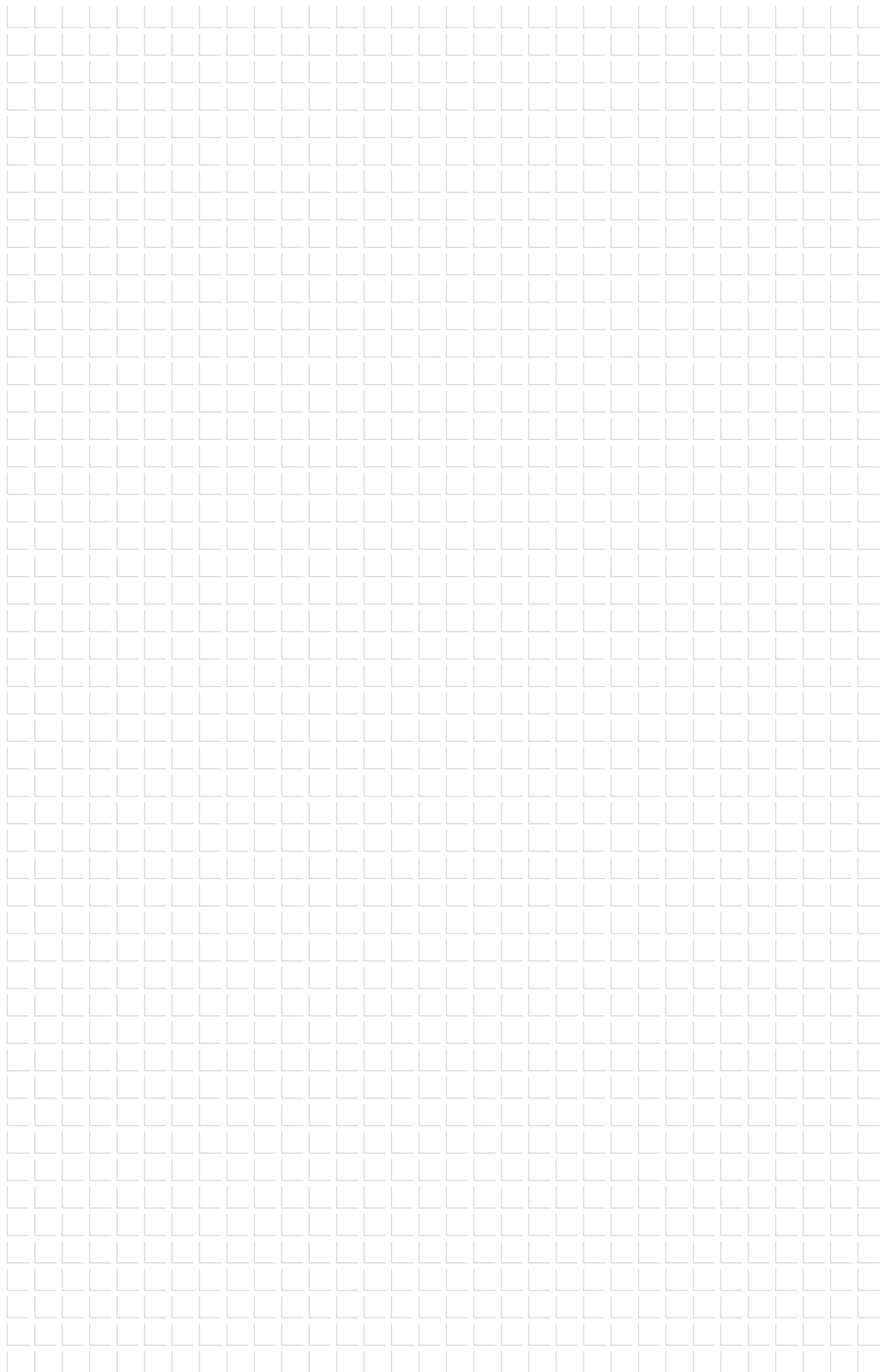
Note

Building authorities-approved rivets according to Z-14.1-4 and Z-14.1-537 available upon request.



Order description	d [mm]	l+1 [mm]	dk [mm]	dm [mm]	k [mm]	Drill hole diameter [mm]	Clamp thickness [mm]
Folding blind rivet ECORIV 5.2x17.5	5.2	17.5	11.5	2.9	2.5	5.3 - 5.6	1.3 - 4.7
Folding blind rivet ECORIV ALU 5.2x20.5	5.2	20.5	11.5	2.9	2.5	5.3 - 5.6	3.0 - 7.7
Folding blind rivet ECORIV 5.2x22.2	5.2	22.2	11.5	2.9	2.5	5.3 - 5.6	4.8 - 9.5
Folding blind rivet ECORIV 5.2x25.4	5.2	25.4	11.5	2.9	2.5	5.3 - 5.6	8.0 - 12.7
Folding blind rivet ECORIV 5.2x28.6	5.2	28.6	11.5	2.9	2.5	5.3 - 5.6	11.1 - 16.9
Folding blind rivet ECORIV 5.2x31.8	5.2	31.8	11.5	2.9	2.5	5.3 - 5.6	14.3 - 19.1

Order description	PU [pieces]	Price/100 [EUR]	Article number	EAN
Folding blind rivet ECORIV ALU 5.2x17.5	500		9 385 641 000	4061245021751
Folding blind rivet ECORIV ALU 5.2x20.5	500		9 385 642 000	4061245021768
Folding blind rivet ECORIV ALU 5.2x22.2	500		9 385 643 000	4061245021775
Folding blind rivet ECORIV ALU 5.2x25.4	500		9 385 644 000	4061245021782
Folding blind rivet ECORIV ALU 5.2x28.6	500		9 385 645 000	4061245021799
Folding blind rivet ECORIV ALU 5.2x31.8	250		9 385 646 000	4061245021805





Solar Fasteners

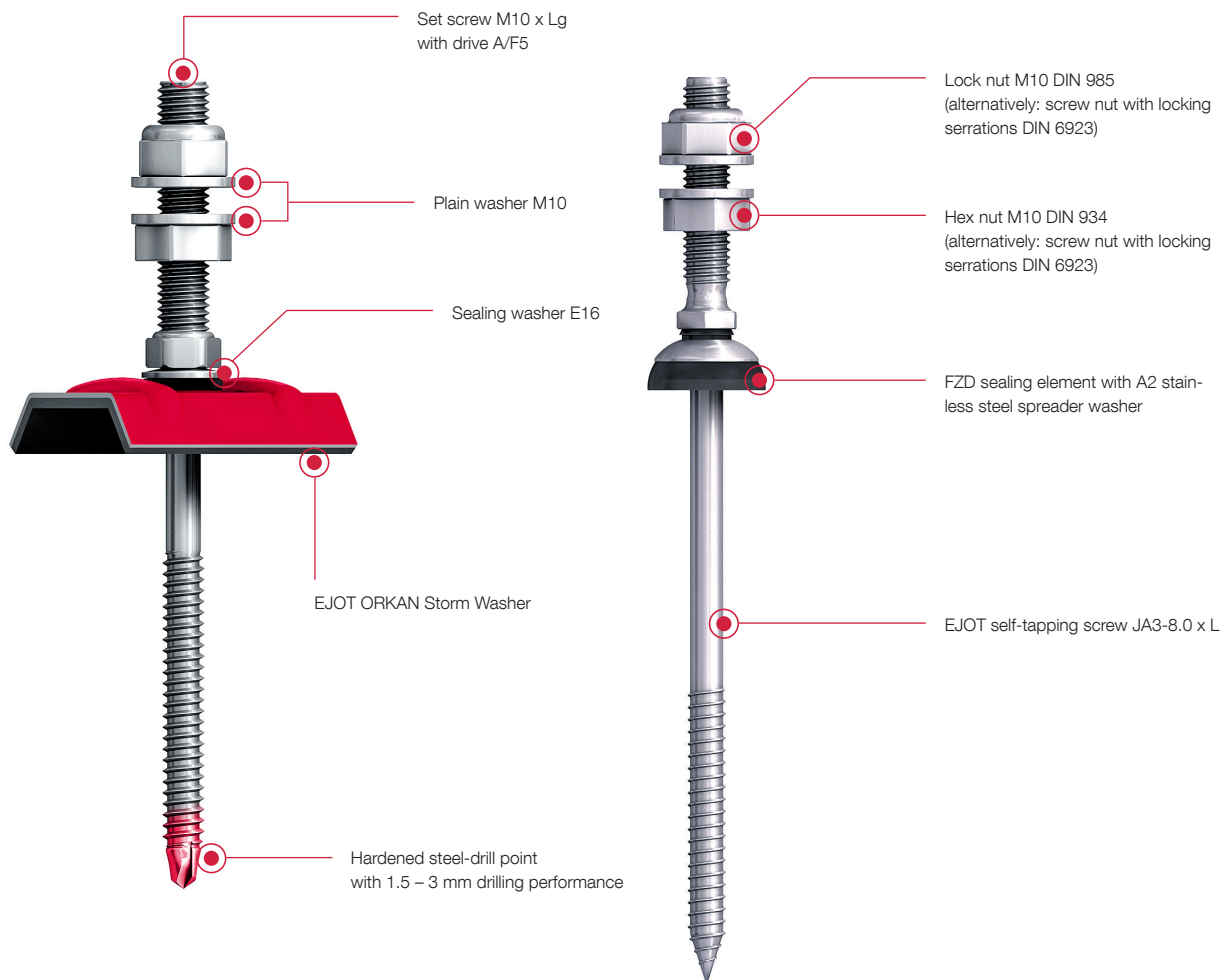
Fastening elements for solar and photovoltaic installations

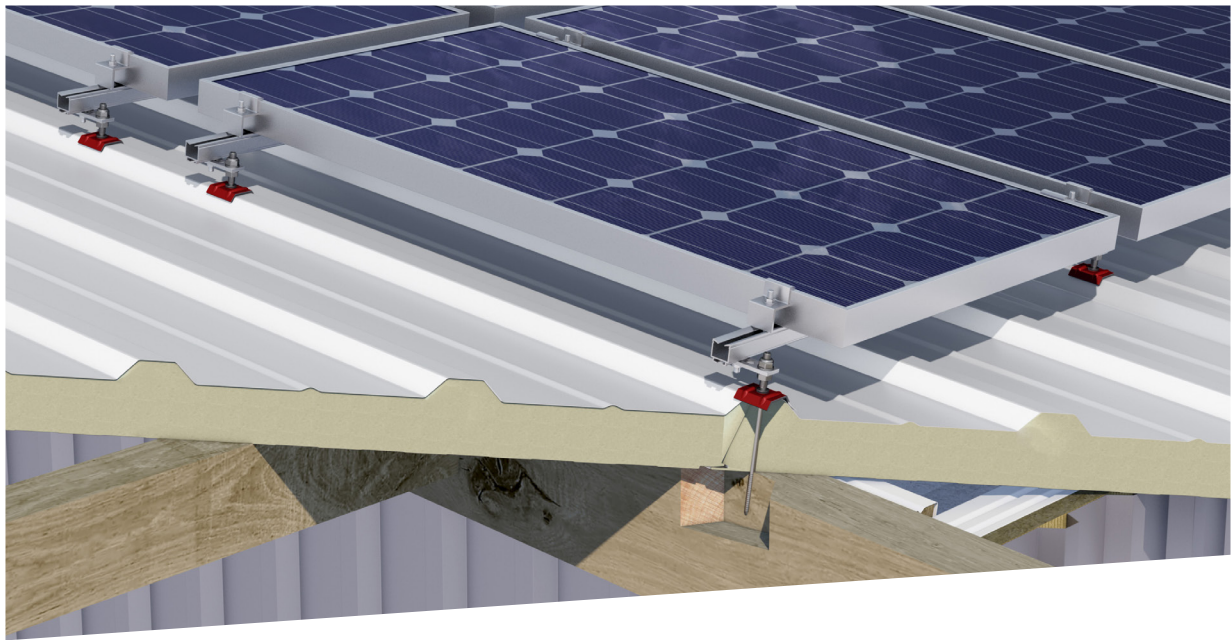
EJOT® Solar Fasteners

The EJOT Solar Fastener is the first stainless steel fastening element approved by the German Institute for Building Technology (DIBt) for fixing photovoltaic installations onto trapezoidal steel profiles and sandwich panel roofs. Pre-drilling is a thing of the past - the new EJOT Solar Fastener made of stainless steel A2 (AISI 304) or A4 (AISI 316) includes a hardened steel drill point. Thread forming and fastening is done in one step.

Benefits

- > Quick retrofitting on existing roofs
- > No additional holes in the roof cladding
- > Use of proven sealing systems
- > No special assembly tools necessary
- > Extremely safe fastening with direct embedment into the substructure



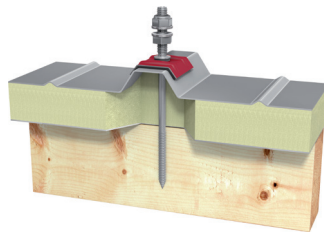


Product selection depending on roof structure

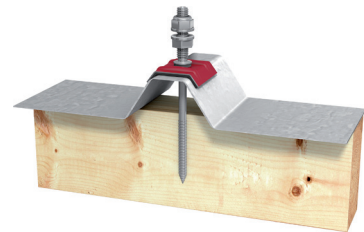
JA thread for timber substructures:



EJOT® JA3-SB-8.0xL
with FZD sealing element
for fibre cement roofing



EJOT® JA3-SB-8.0xL
with sealing washer E16 + ORKAN storm washer
for sandwich panels

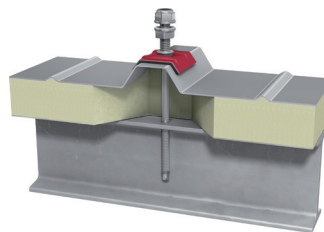


EJOT® JA3-SB-8.0xL
with sealing washer E16 + ORKAN storm washer
for trapezoidal profiles

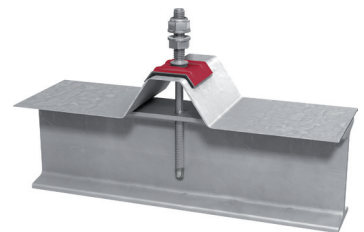
JT thread for steel substructures:



EJOT® JT3-SB-8.0xL
with FZD sealing element
for fibre cement roofing



EJOT® JT3-SB-8.0xL
with sealing washer E16 + ORKAN storm washer
for sandwich panels



EJOT® JT3-SB-8.0xL
with sealing washer E16 + ORKAN storm washer
for trapezoidal profiles

EJOT® solar fastener JT3-SB-8.0xL



Cross references	page
Bit hexagon	378
Bit holder	380
Cordless screwdriver ASCM 18	360
Drill bit HSS	372
Weldable flat steel	177
ORKAN storm washers	146



Watch the video now:
<https://youtu.be/AnTV9Pyubqc>

Online shop



Application range

- > For fastening elevated solar and photovoltaic installations to steel substructures 1.5 - 3 mm
- > Can also be used for steel substructure ≥ 3.0 mm if pre-drilled
- > For high-strength steel substructures up to S450GD

Properties

- > A2 stainless steel
- > With sealing washer E16 + ORKAN storm washer

Benefits

- > Quick retrofitting on existing roofs
- > No additional holes in the roof cladding
- > Use of proven sealing systems
- > No special assembly tools necessary
- > Extremely safe fastening with direct embedment into the substructure

Note

The solar fastener components are tailored to your project.
 Further versions upon request!

Characteristic values for the load-bearing capacity
Steel substructure (S235 - EN 10025-1)

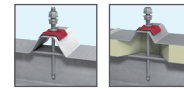
Thickness of substructure [mm]	1.5	2.0	3.0	≥ 4.0
$N_{R,k}$ [kN]	2.2	3.4	5.8	6.8

Drill hole diameter
Steel substructure (S235 - EN 10025-1)

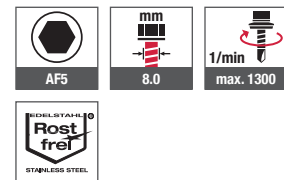
Thickness of substructure [mm]	1.5 < 3.0	3.0 < 5.0	5.0 < 7.5	7.5 < 10	≥ 10
Drill hole diameter [mm]	without Pre-drilling	6.8	7.0	7.2	7.4

Order description	Screw length [mm]	Clamp thickness [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Set screw M10 x 50 mm						
Set JT3-SB-3-8.0x85/M10x50 E16 DIN 934	85	20-62	25		3 340 891 905	4061245021201
Set JT3-SB-3-8.0x115/M10x50 E16 DIN 934	115	50-92	25		3 341 191 905	4061245021218
Set JT3-SB-3-8.0x155/M10x50 E16 DIN 934	155	90-132	25		3 341 591 905	4061245021225
Set JT3-SB-3-8.0x195/M10x50 E16 DIN 934	195	130-172	25		3 341 991 905	4061245021232
Set screw M10 x 70 mm						
Set JT3-SB-3-8.0x85/M10x70 E16 DIN 934	85	20-62	25		3 340 891 907	4061245041117
Set JT3-SB-3-8.0x115/M10x70 E16 DIN 934	115	50-92	25		3 341 191 907	4061245041094
Set JT3-SB-3-8.0x155/M10x70 E16 DIN 934	155	90-132	25		3 341 591 907	4061245041070
Set JT3-SB-3-8.0x195/M10x70 E16 DIN 934	195	130-172	25		3 341 991 907	4061245041056

Applications



Technical data



Certifications



EJOT® solar fastener JA3-SB-8.0xL



Application range

- > For fastening elevated solar and photovoltaic installations to timber substructures
- > Suitable for metal trapezoidal and corrugated profile sheets and sandwich panels

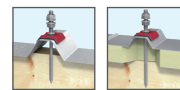
Properties

- > A2 stainless steel
- > With sealing washer E16 + ORKAN storm washer

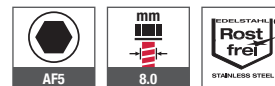
Note

The solar fastener components are tailored to your project. Further versions upon request!

Applications



Technical data



Certifications



Cross references	page
Bit hexagon	378
Bit holder	379
Cordless screwdriver ASCM 18	360
Drill bit HSS	372
Weldable flat steel	372
ORKAN storm washers	177

Online shop



Drill hole diameter Timber substructure

Thickness of substructure [mm]	≥ 32	≥ 40
Drill hole diameter [mm]	5.5	5.5

Drill hole diameter [mm]	5.5	5.5
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Order description	Screw length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Set screw M10 x 50 mm					
Set JA3-SB-8.0x80/50 E16 DIN 934	80	25		3 150 891 905	4061245016924
Set JA3-SB-8.0x100/50 E16 DIN 934	100	25		3 151 091 905	4061245016887
Set JA3-SB-8.0x130/50 E16 DIN 934	130	25		3 151 391 905	4061245016849
Set JA3-SB-8.0x150/50 E16 DIN 934	150	25		3 151 591 905	4061245016801
Set JA3-SB-8.0x180/50 E16 DIN 934	180	25		3 151 891 905	4061245016764
Set JA3-SB-8.0x200/50 E16 DIN 934	200	25		3 152 091 905	4061245016726
Set screw M10 x 70 mm					
Set JA3-SB-8.0x80/70 E16 DIN 934	80	25		3 150 891 907	4061245016917
Set JA3-SB-8.0x100/70 E16 DIN 934	100	25		3 151 091 907	4061245016870
Set JA3-SB-8.0x130/70 E16 DIN 934	130	25		3 151 391 907	4061245016832
Set JA3-SB-8.0x150/70 E16 DIN 934	150	25		3 151 591 907	4061245016795
Set JA3-SB-8.0x180/70 E16 DIN 934	180	25		3 151 891 907	4061245016757
Set JA3-SB-8.0x200 /70 E16 DIN 934	200	25		3 152 091 907	4061245016719

Order information: Also available with screw nuts with locking serrations DIN 6923.

EJOT® solar fastener JT3-SB-8.0xL



Cross references	page
Bit hexagon	378
Bit holder	379
Cordless screwdriver ASCM 18	360
Drill bit HSS	372
Weldable flat steel	177



Watch the video now:
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Online shop



Application range

- > For fastening elevated solar and photovoltaic installations to steel substructures 1.5 - 3 mm
- > Can also be used for steel substructure ≥ 3.0 mm if pre-drilled
- > For high-strength steel substructures up to S450GD

Properties

- > A2 stainless steel
- > With FZD sealing washer

Benefits

- > Quick retrofitting on existing roofs
- > No additional holes in the roof cladding
- > Use of proven sealing systems
- > No special assembly tools necessary
- > Extremely safe fastening with direct embedment into the substructure

Note

The solar fastener components are tailored to your project.
 Further versions upon request!

Characteristic values for the load-bearing capacity
Steel substructure (S235 - EN 10025-1)

Thickness of substructure [mm]	1.5	2.0	3.0	≥ 4.0
$N_{R,k}$ [kN]	2.2	3.4	5.8	6.8

Drill hole diameter
Steel substructure (S235 - EN 10025-1)

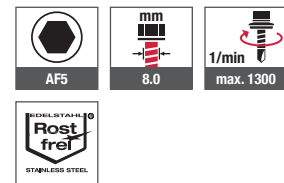
Thickness of substructure [mm]	1.5 < 3.0	3.0 < 5.0	5.0 < 7.5	7.5 < 10	≥ 10
Drill hole diameter [mm]	without Pre-drilling	6.8	7.0	7.2	7.4

Order description	Screw length [mm]	Clamp thickness [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Set screw M10 x 50 mm						
Set JT3-SB-3-8.0x85/M10x50 FZD DIN 934	85	20-62	25		3 340 898 905	4061245021249
Set JT3-SB-3-8.0x115/M10x50 FZD DIN 934	115	50-92	25		3 341 198 905	4061245021256
Set JT3-SB-3-8.0x155/M10x50 FZD DIN 934	155	90-132	25		3 341 598 905	4061245021263
Set JT3-SB-3-8.0x195/M10x50 FZD DIN 934	195	130-172	25		3 341 998 905	4061245021270
Set screw M10 x 70 mm						
Set JT3-SB-3-8.0x85/M10x70 FZD DIN 934	85	20-62	25		3 340 898 907	4061245041100
Set JT3-SB-3-8.0x115/M10x70 FZD DIN 934	115	50-92	25		3 341 198 907	4061245041087
Set JT3-SB-3-8.0x155/M10x70 FZD DIN 934	155	90-132	25		3 341 598 907	4061245041063
Set JT3-SB-3-8.0x195/M10x70 FZD DIN 934	195	130-172	25		3 341 998 907	4061245041049

Applications



Technical data



Certifications



EJOT® solar fastener JA3-SB-8.0xL



Application range

- > For fastening elevated solar and photovoltaic installations to timber substructures
- > Suitable for corrugated fibre cement profile sheet

Properties

- > A2 stainless steel
- > With FZD sealing washer

Note

The solar fastener components are tailored to your project. Further versions upon request!

Applications



Technical data



Certifications



Cross references	page
Bit hexagon	378
Bit holder	379
Cordless screwdriver ASCM 18	360
Drill bit HSS	372
Weldable flat steel	177

Online shop



Drill hole diameter Timber substructure

Thickness of substructure [mm]	≥ 32	≥ 40
Drill hole diameter [mm]	5.5	5.5

Drill hole diameter [mm]	5.5	5.5
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Order description	Screw length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Set screw M10 x 50 mm					
Set JA3-SB-8.0x80/50 FZD DIN 934	80	25		3 150 898 905	4061245016900
Set JA3-SB-8.0x100/50 FZD DIN 934	100	25		3 151 098 905	4061245016863
Set JA3-SB-8.0x130/50 FZD DIN 934	130	25		3 151 398 905	4061245016825
Set JA3-SB-8.0x150/50 FZD DIN 934	150	25		3 151 598 905	4061245016788
Set JA3-SB-8.0x180/50 FZD DIN 934	180	25		3 151 898 905	4061245016740
Set JA3-SB-8.0x200/50 FZD DIN 934	200	25		3 152 098 905	4061245016702
Set screw M10 x 70 mm					
Set JA3-SB-8.0 x80/70 FZD DIN 934	80	25		3 150 898 907	4061245016894
Set JA3-SB-8.0x100/70 FZD DIN 934	100	25		3 151 098 907	4061245016856
Set JA3-SB-8.0x130/70 FZD DIN 934	130	25		3 151 398 907	4061245016818
Set JA3-SB-8.0x150/70 FZD DIN 934	150	25		3 151 598 907	4061245016771
Set JA3-SB-8.0x180/70 FZD DIN 934	180	25		3 151 898 907	4061245016733
Set JA3-SB-8.0x200/70 FZD DIN 934	200	25		3 152 098 907	4061245016696

Order information: Also available with screw nuts with locking serrations DIN 6923.

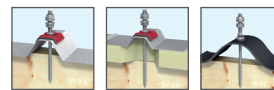
Weldable flat steel for EJOT® solar fastener

**Application range**

- > Accessories for EJOT solar fastener

Properties

- > A2 stainless steel
- > With slotted hole

Applications**Technical data****Cross references**

	page
JA3-SB-8.0xL E16 DIN 934	174
JA3-SB-8.0xL FZD DIN 934	176
JT3-SB-8.0xL E16 DIN 934	173
JT3-SB-8.0xL FZD DIN 934	175

Online shop

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Weldable flat steel 40x5x110 A2 / hole 10 mm	25		3 110 001 000	4061245017600

Self-drilling
ScrewsFacade
Technology (VHF)Direct
AssemblySelf-tapping
ScrewsOrkan
Storm Washers

Rivets

Fasteners for
Solar /
PhotovoltaicScaffolding
Anchors

Pipe Flashings

Flat Roof
FastenersNylon Expansion
Anchoring
TechnologyMetal + Chemical
AnchorsWindow / Glass
Facade Screws

Accessories

Machinery
Spare Parts
Tools



Scaffolding anchors

Fixing scaffolds into steel and wood

EJOT® scaffolding anchors

Tensile- and pressure-resistant connections for anchoring scaffoldings in the industrial lightweight construction

Properties

- > GT scaffolding anchors and GU threaded sleeves made of stainless steel
- > Ring bolt forged steel, zinc-plated and stainless steel (similar to DIN 582)

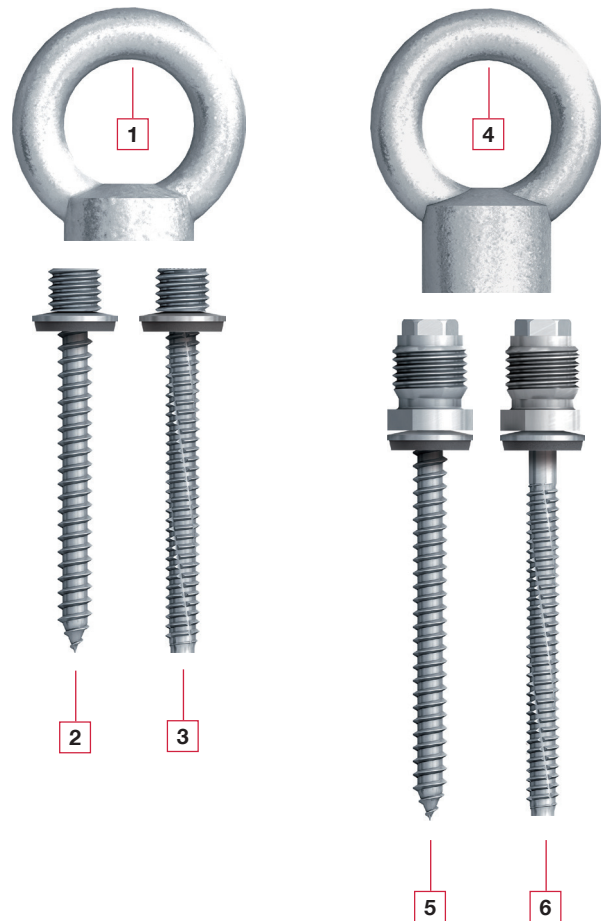
Benefits

- > For use in steel substructure (type JZ 3 ... Ø 6.3 mm)
- > For use in timber substructure (type JA 3 ... Ø 6.5 mm)
- > Length range GT 25 mm - 64 mm
- > Length range GU 15 mm - 210 mm
- > Repeat use of GU-threaded sleeve possible

Note

EJOT scaffolding anchors may only be loaded in axial direction of the screw. The relevant regulations and standards have to be observed.

Scaffolding anchors may not be fastened to facade cladding elements, only directly to the building or to the substructure if it is sufficiently dimensioned.



Variants

- 1** EJOT ring bolt M10
- 2** EJOT scaffolding anchor JA3-GT-6.5
- 3** EJOT scaffolding anchor JZ3-GT-6.3
- 4** EJOT GU ring bolt M14
- 5** EJOT scaffolding anchor JA3-GU-6.5
- 6** EJOT scaffolding anchor JZ3-GU-6.3



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar/Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® ring bolt M10



Application range

- > For JZ3-GT and JA3-GT scaffolding anchors

Properties

- > Zinc-plated forged steel (as per DIN 582)
- > A2 stainless steel

Technical data



Cross references page

- Scaffolding anchor JA3-GT-6.5 181
- Scaffolding anchor JZ3-GT-6.3 182

Online shop



Order description	Ring diameter [mm]	Female thread [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Ring bolt M10-25 steel	25.0	M10	50		9 430 300 501	4061245013077
Ring bolt M10-25 stainless steel	25.0	M10	50		9 430 300 300	4061245013084

EJOT® scaffolding anchor JA3-GT-6.5

**Application range**

- > For installation into timber

Properties

- > A2 stainless steel

Technical data**Cross references**

	page
Bit hexalobular TX	379
Bit holder	379
Cordless screwdriver ASCS 6.3	360
Drill HSS	372
Ring bolt M10	1180

Online shop

Order description	Length [mm]	Diameter [mm]	High thread [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JA3-GT-6.5x32-E16	32	6.5	M10	50		9 413 311 311	4061245013107
JA3-GT-6.5x64-E16	64	6.5	M10	50		9 413 811 311	4061245013091

EJOT® scaffolding anchor JZ3-GT-6.3



Application range

- > For installation into steel ≥ 2 mm
- > For aluminium substructures ≥ 3 mm

Properties

- > A2 stainless steel

Technical data



Cross references

	page
Bit hexalobular TX	379
Bit holder	379
Cordless screwdriver ASCS 6.3	360
Drill HSS	372
Drill hole chart	136
Ring bolt M10	180

Online shop



Order description	Length [mm]	Diameter [mm]	High thread [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JZ3-GT-6.3x25-E16	25	6.3	M10	50		9 411 211 311	4061245013121
JZ3-GT-6.3x64-E16	64	6.3	M10	50		9 411 811 311	4061245013114

EJOT® GU ring bolt M14



Application range

- > For universal scaffolding anchor GU

Properties

- > Zinc-plated forged steel (as per DIN 582)

Technical data



Cross references

	page
GU threaded sleeve	183
Scaffolding anchor JA3-GU-6.5	184
Scaffolding anchor JZ3-GU-6.3	185

Online shop



Order description	Rind diameter [mm]	Female thread [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
GU ring bolt M14	25.0	M14 x 1.5	50		9 409 400 501	4061245013138

EJOT® GU threaded sleeve



Application range

- > Can be extended to a universal scaffolding anchor GU
- > Can be combined with all EJOT JA3 self-tapping screws with diameter 6.5 mm
- > Can be combined with all EJOT JA3 self-tapping screws with diameter 6.3 mm

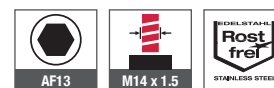
Properties

- > A2 stainless steel
- > Repeat use of GU-threaded sleeve possible

Note

Effective length of universal scaffolding anchor GU + 20 mm = length of required screw

Technical data



Cross references

	page
GU ring bolt M14	183
Scaffolding anchor JA3-GU-6.5	184
Scaffolding anchor JZ3-GU-6.3	185

Online shop



Order description	Length [mm]	Threaded sleeve [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
GU threaded sleeve	18	M14 x 1.5	50		9 400 100 300	4061245013336

EJOT® scaffolding anchors JA3-GU-6.5



Application range

- > For installation into timber

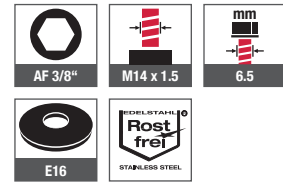
Properties

- > A2 stainless steel
- > Consisting of GU threaded sleeve and JA3 self-tapping screw

Note

EJOT scaffolding anchors may only be loaded in axial direction of the screw. The relevant regulations and standards have to be observed. Scaffolding anchors may not be fastened to facade cladding elements, only directly to the building or to the substructure if it is sufficiently dimensioned.

Technical data



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Drill HSS	372
GU ring bolt M14	183

Characteristic values for the load-bearing capacity Timber substructure

Installation depth [mm]	30	50	60	75
Drill hole diameter [mm]	4.5	4.5	4.5	4.5
$N_{R,k}^*$ [kN]	1.5	2.5	3.0	3.7

*Based on the approval of the screws ETA-10/0200

Online shop



Order description	Effective length [mm]	Length [mm]	Diameter [mm]	Threaded sleeve [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JA3-GU-6.5x55-E16	55	75	6.5	M14x1.5	50		9 403 611 311	4061245013213
JA3-GU-6.5x70-E16	70	90	6.5	M14x1.5	50		9 403 911 311	4061245013206
JA3-GU-6.5x80-E16	80	100	6.5	M14x1.5	50		9 404 011 311	4061245013190
JA3-GU-6.5x95-E16	95	115	6.5	M14x1.5	50		9 404 111 311	4061245013183
JA3-GU-6.5x105-E16	105	125	6.5	M14x1.5	50		9 404 211 311	4061245013176
JA3-GU-6.5x130-E16	130	150	6.5	M14x1.5	50		9 404 411 311	4061245013169
JA3-GU-6.5x155-E16	155	175	6.5	M14x1.5	50		9 404 611 311	4061245013152
JA3-GU-6.5x180-E16	180	200	6.5	M14x1.5	50		9 404 711 311	4061245013145

EJOT® scaffolding anchor JZ3-GU-6.3



Cross references	page
Socket wrench insert	381
Cordless screwdriver ASCS 6.3	360
Drill HSS	372
Drill hole chart	136
GU ring bolt M14	183

Online shop



Application range

- > For installation into steel ≥ 2 mm
- > For installation into aluminium ≥ 3 mm

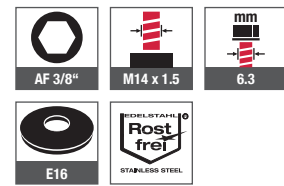
Properties

- > A2 stainless steel
- > Consisting of GU threaded sleeve and JZ3 self-tapping screw

Note

EJOT scaffolding anchors may only be loaded in axial direction of the screw. The relevant regulations and standards have to be observed. Scaffolding anchors may not be fastened to facade cladding elements, only directly to the building or to the substructure if it is sufficiently dimensioned.

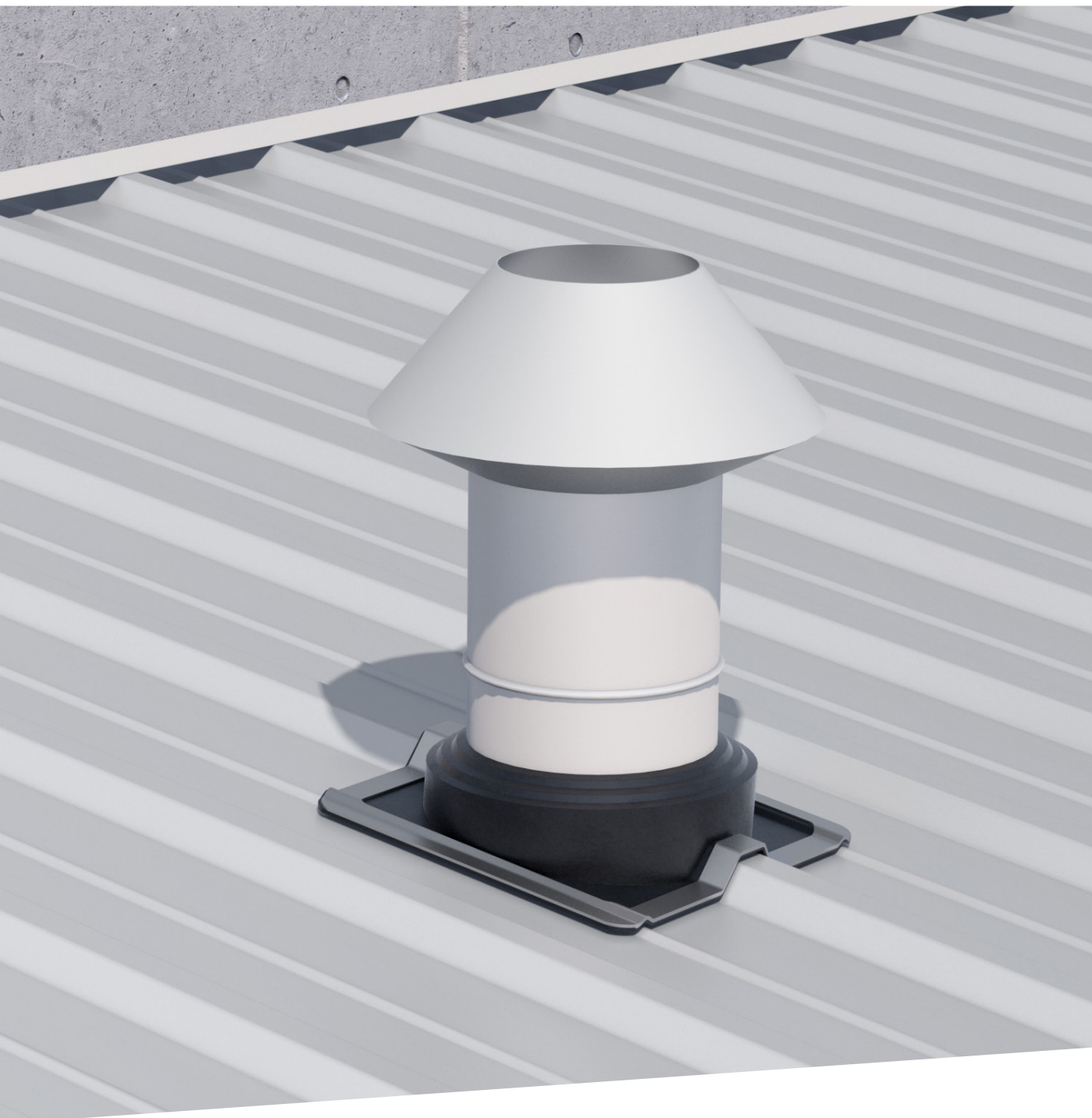
Technical data


Characteristic values for the load-bearing capacity
Steel substructure S 235 Jxx (St 37)

Thickness of substructure [mm]	2.0	3.0	4.0	5.0	6.0	≥ 7.0
Drill hole diameter [mm]	5.3	5.3	5.3	5.5	5.5	5.7
$N_{R,k}^*$ [kN]	3.6	6.0	8.8	11.6	13.4	13.4

*Based on the approval of the screws ETA-10/0200

Order description	Effective length [mm]	Length [mm]	Diameter [mm]	Threaded sleeve [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JZ3-GU-6.3x15-E16	15	38	6.3	M14x1.5	50		9 401 111 311	4061245013329
JZ3-GU-6.3x30-E16	30	50	6.3	M14x1.5	50		9 401 211 311	4061245013312
JZ3-GU-6.3x45-E16	45	64	6.3	M14x1.5	50		9 401 511 311	4061245032207
JZ3-GU-6.3x70-E16	70	90	6.3	M14x1.5	50		9 401 911 311	4061245013299
JZ3-GU-6.3x80-E16	80	100	6.3	M14x1.5	50		9 402 011 311	4061245013282
JZ3-GU-6.3x95-E16	95	115	6.3	M14x1.5	50		9 402 111 311	4061245013275
JZ3-GU-6.3x105-E16	105	125	6.3	M14x1.5	50		9 402 211 311	4061245013268
JZ3-GU-6.3x130-E16	130	150	6.3	M14x1.5	50		9 402 411 311	4061245013251
JZ3-GU-6.3x155-E16	155	175	6.3	M14x1.5	50		9 402 611 311	4061245013244
JZ3-GU-6.3x180-E16	180	200	6.3	M14x1.5	50		9 402 811 314	4061245013237
JZ3-GU-6.3x200-E16	200	230	6.3	M14x1.5	50		9 402 911 314	4061245013220



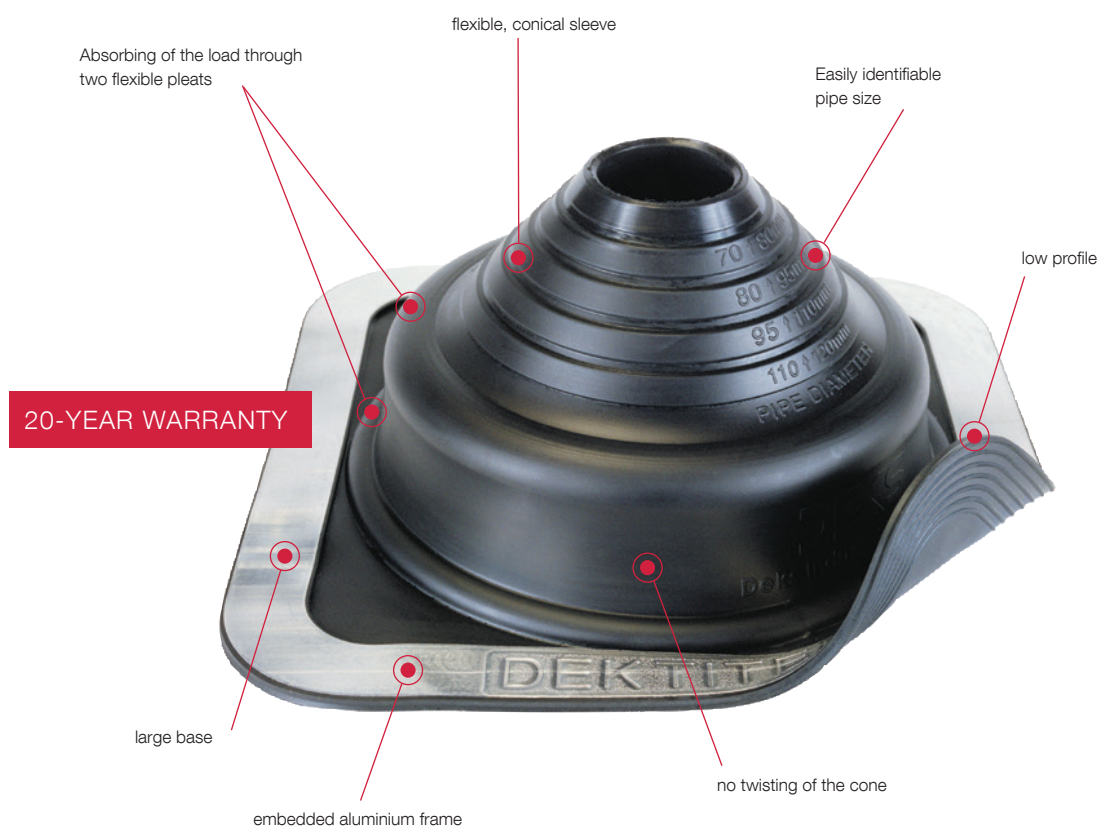
Pipe flashings

Reliable seal for pipes

DEKTITE® Pipe Flashings

Perfect seal for pipes on roofs and facades.

Due to the flexible rubber pleats, thermal changes in length of the pipes or sheathing elements are not obstructed. Fatigue fractures, which might for example occur with rigid pipe feedthroughs, can be prevented with DEKTITE® flashings.



Properties

- > Standard dimensions for pipe diameters of up to 750 mm
- > Weather-resistant due to building industry-approved EPDM
- > Unsusceptible to UV-radiation
- > Adaptable to all roof profiles

Note

When using the DEKTITE® pipe flashing please note the specifications stated in DIN 18807 "Öffnungen in Dächern" have to be considered.

Pipe flashings may not be installed in cross or side laps.

Benefits

- > Long service life
- > Thermal stability

for a short time	up to +150 °C
constant	up to +115 °C
- > All versions also available in grey or red
- > Red version for periodically higher temperatures up to +250 °C upon request
- > Low-temperature resistance: up to -50 °C
- > Flexible adjustment
 - to various profiles
 - to all pipe materials
 - to pipe diameters up to 750 mm
- > 20-year warranty on material

DEKTITE® Square



Application range

- > For waterproofing pipes on trapezoidal or sinusoidal metal roofs or corrugated fibre cement roofs

Benefits

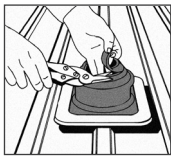
- > Perfect seal on roof and facade
- > No interference of thermal elongation of pipes
- > No fatigue fractures

Included in delivery

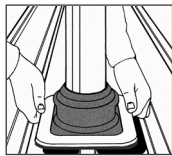
- 1 Pipe flashing
- 1 cartridge of EJOPLAST joint sealant
- 1 self-drilling screw set - optionally bulbrite rivet set

Note

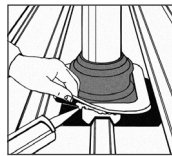
Use bulbrite rivets for fibre cement boards. Profile height max. 45 mm.



1. Adjust DEKTITE® to the pipe.



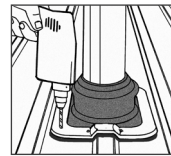
2. Adjust DEKTITE® to the profiled sheet and mark.



3. Apply sealant.



4. Adjust DEKTITE® to the shape of the profiled sheet.



5. Fasten DEKTITE® with self-drilling screws or bulbrite rivets.

Online shop



Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screws [pieces]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DFE 100	0 - 35	100 x 100	0 - 60	80	8	1		8 200 004 704	4061245013954
DFE 101	5 - 55	139 x 139	0 - 35	80	8	1		8 200 104 704	9316867050784
DFE 103	5 - 127	221 x 221	0 - 35	80	16	1		8 200 304 704	9316867050807
DFE 104	75 - 175	280 x 280	0 - 35	80	20	1		8 200 404 704	9316867050814
DFE 106	125 - 230	363 x 363	0 - 35	80	28	1		8 200 604 704	9316867050838
DFE 107	150 - 300	456 x 456	0 - 35	310	32	1		8 200 704 704	9316867050845
DFE 109	230 - 508	681 x 681	0 - 35	310	40	1		8 200 904 704	9316867050869

DEKTITE® EZi-Seal



Application range

- > For waterproofing pipes on corrugated metal or fibre cement roofs

Benefits

- > Non-absorbent, closed-cell sealing surface
- > Seals under compression even on wet surfaces
- > Seals without use of a joint sealant through existing seal strip.
- > No interference of thermal elongation of pipes
- > No fatigue fractures

Included in delivery

- 1 Pipe flashing
- 1 self-drilling screw set - optionally bulbrite rivet set

Note

Use bulbrite rivets for fibre cement boards. Profile height max. 45 mm.



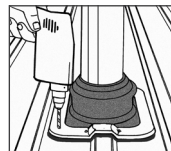
1. Adjust DEKTITE® to the pipe.



2. Adjust DEKTITE® to the profiled sheet and mark.



3. Adjust DEKTITE® to the shape of the profiled sheet.



4. Fasten DEKTITE® with self-drilling screws or bulbrite rivets.

Online shop



Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content screws [pieces]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DFE 100 EZ	0 - 35	100 x 100	0 - 60	8	1		8 200 004 706	9316867051071
DFE 101 EZ	5 - 55	139 x 139	0 - 35	8	1		8 200 104 706	9316867051088
DFE 103 EZ	5 - 127	221 x 221	0 - 35	16	1		8 200 304 706	9316867051101
DFE 104 EZ	75 - 175	280 x 280	0 - 35	20	1		8 200 404 706	9316867051118
DFE 106 EZ	125 - 230	363 x 363	0 - 35	28	1		8 200 604 706	9316867051132
DFE 107 EZ	150 - 300	456 x 456	0 - 35	32	1		8 200 704 706	9316867051149
DFE 109 EZ	230 - 508	681 x 681	0 - 35	40	1		8 200 904 706	9316867051163

DEKTITE® Soaker



Application range

- > For waterproofing pipes with large openings

Benefits

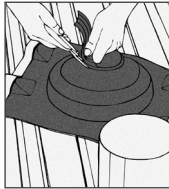
- > Large base ensures optimum positioning
- > Reliable and easy installation
- > Seals pipe and roof in a single work step
- > Prevents rainwater back-up

Included in delivery

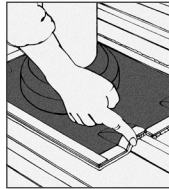
- 1 Pipe flashing
- 1 cartridge of EJOPLAST joint sealant
- 1 self-drilling screw set

Note

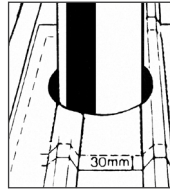
Not usable on smooth surfaces.
Profile height max. 45 mm.



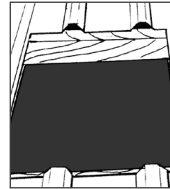
1. Adjust DEKTITE® to the pipe.



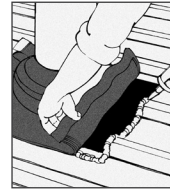
2. Adjust DEKTITE® to the profiled sheet and mark.



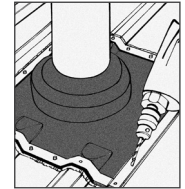
3. Mark the outline of the DEKTITE® on the roof. Remove DEKTITE® and mark a 30 mm overlap area.



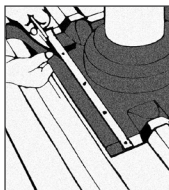
4. Cut out the roof inside of the marked 30 mm area. Trim sharp edges. Timber supports may be installed to support the roof where ribs have been removed.



5. Apply sealant and fit DEKTITE® accurately to the profiled sheet.



6. Fix first on the sides with the profile ribs, start in the middle. Follow with the remaining sides.



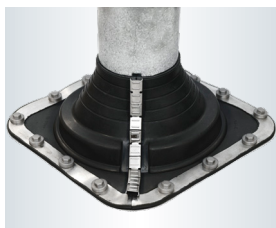
7. Use provided metal strips to seal overlapping ends. Trim excess sides

Online shop



Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screws [pieces]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DF 602	75 - 155	410 x 360	0 - 60	80	30	1		8 206 024 704	9316867001199
DF 603	114 - 254	485 x 460	0 - 60	80	36	1		8 206 034 704	9316867001281
DF 605	254 - 406	708 x 635	0 - 60	310	52	1		8 206 054 704	9316867001304
DF 606	380 - 610	1006 x 905	0 - 60	310	96	1		8 206 064 704	9316867001311

DEKTITE® Combo



Application range

- > For waterproofing pipes on corrugated metal or fibre cement roofs
- > For subsequent waterproofing of pipes

Included in delivery

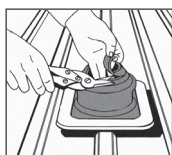
- 1 Pipe flashing
- 1 cartridge of EJOPLAST joint sealant
- 1 self-drilling screw set - optionally bulbrite rivet set
- 1 clips set

Benefits

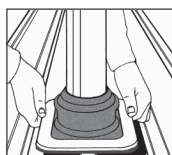
- > Perfect seal on roof and facade
- > No interference of thermal elongation of pipes
- > No fatigue fractures
- > Ideal for repairs of existing pipe systems

Note

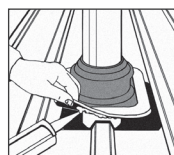
Use bulbrite rivets for fibre cement boards.
 For subsequent waterproofing see processing guidelines for DEKTITE® Retrofit. Profile height max. 45 mm.



1. Adjust DEKTITE® to the pipe.



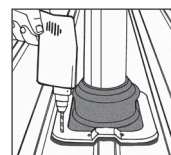
2. Adjust DEKTITE® to the profiled sheet and mark.



3. Apply sealant.



4. Adjust DEKTITE® to the shape of the profiled sheet.



5. Fasten DEKTITE® with self-drilling screws or bulbrite rivets.

Online shop



Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screws [pieces]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DC 101	5 - 60	139 x 139	0 - 40	80	8	1		8 201 104 704	4061245046846
DC 103	5 - 127	218 x 218	0 - 40	80	16	1		8 201 304 704	4061245046853
DC 104	75 - 175	285 x 285	0 - 40	80	20	1		8 201 404 704	4061245046860
DC 106	125 - 230	365 x 365	0 - 40	80	28	1		8 220 304 704	4061245046877
DC 107	150 - 280	454 x 454	0 - 40	310	32	1		8 230 304 704	4061245046884
DC 109	240 - 503	685 x 685	0 - 40	310	40	1		8 250 304 704	4061245046891
DC 110	350 - 760	995 x 965	*	310	70/10	1		8 270 004 704	4061245013572

***350 - 500 mm cut: maximum 30°; 500 - 760 mm cut: maximum 15°**

Order information: All versions also available in grey (EPDM) and red (silicone)

DEKTITE® Strip Flash



Application range

- > Sealing of wall joints
- > Forming expansion joints

Properties

- > Edge of sealing strip ≤ 25 % (accordion principle)
- > Use up to profile height ≤ 35 mm

Scope of delivery DS3 235

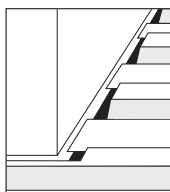
- 2 cartridges joint sealant (neutral curing silicone)

Scope of delivery DS10 235

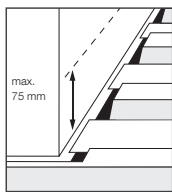
- 5 cartridges joint sealant (neutral curing silicone)
- 1 self-drilling screw set

Scope of delivery DS15 450

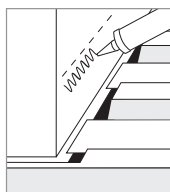
- 10 cartridges joint sealant (neutral curing silicone)
- 1 self-drilling screw set



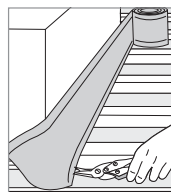
1. Trim 150 mm of the crown to guarantee water flow.



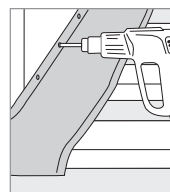
2. Do not mark the sealing line more than 75 mm above the purlin.



3. Apply sealant below the sealing line.



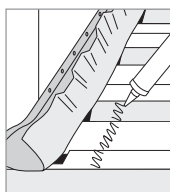
4. Trim every side of the DEKTITE®. Allow 200 - 300 mm for overlap.



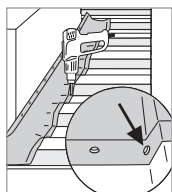
5. Fasten along the upper edge without stretching of the DEKTITE®.



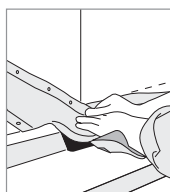
6. Manually adjust DEKTITE® to the shape of the profiled sheet. Do not use tools!



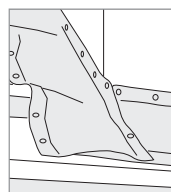
7. Apply sealant.



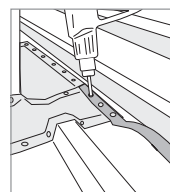
8. Fasten to valley and to profile edges as shown.



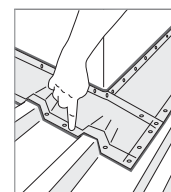
9. Stretch the corners of the overlapping upper part of the DEKTITE® and push down. Attach the upper corner.



10. Remove excess DEKTITE®. Overlap needs to be done thoroughly. Also apply sealing compound under the overlap on the edges.



11. Fix the corners with provided metal strip.



12. Apply sealing compound across the edges and form a ridge in order to slow down the water flow.

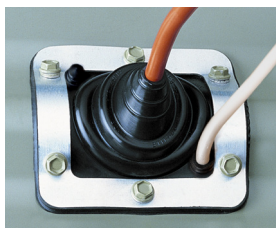
Online shop



Order description	Length [m]	Width [mm]	Content Cartridge [ml]	Content Screws [pieces]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DS3 235	3.1	235	310	134	1		8 200 006 704	9316867010341
DS10 235	10.0	235	310	410	1		8 200 005 704	9316867001731
DS15 450	15.0	450	310	670	1		8 200 002 704	9316867000727

Further lengths upon request.

Solar DEKTITE® Premium 3



Application range

- > Ideal for solar installations and PV
- > For up to 2 cables and 1 pipe

Properties

- > Black or grey EPDM
- > Silicone for high temperatures also available

Included in delivery

- 1 Pipe flashing
- 1 cartridge of EJOPLAST joint sealant
- 1 self-drilling screw set - optionally bulbrite rivet set

Online shop



Note

Use bulbrite rivets for fibre cement boards. Profile height max. 45 mm.

Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screws [pieces]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DFE 100 BS	0 - 35	100 x 100	0 - 60	80	8	1		8 250 004 704	9316867051828

Solar DEKTITE® Premium 5



Application range

- > Ideal for solar installations and PV
- > For up to 4 cables + 1 pipe

Properties

- > Black or grey EPDM
- > Silicone for high temperatures also available

Included in delivery

- 1 Pipe flashing
- 1 cartridge of EJOPLAST joint sealant
- 1 self-drilling screw set - optionally bulbrite rivet set

Online shop



Note

Use bulbrite rivets for fibre cement boards. Profile height max. 45 mm.

Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screws [pieces]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DFE 101 BS	5 - 55	139 x 139	0 - 60	80	8	1		8 250 104 704	9316867051699

Solar DEKTITE® Premium 12



Application range

- > Ideal for PV
- > For up to 12 cables

Properties

- > Black or grey EPDM

Included in delivery

- 1 Pipe flashing
- 1 cartridge of EJOPLAST joint sealant
- 1 self-drilling screw set - optionally bulbrite rivet set

Note

Use bulbrite rivets for fibre cement boards. Profile height max. 45 mm.

Online shop



Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screws [pieces]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DFE 101 BM	0 - 35	139 x 139	0 - 60	80	8	1		8 250 000 704	9316867052313

EJOT® hose clamp



Application range

- > A reliable seal between pipe and pipe flashing

Installation instruction

Pierce the marking for the clamp or cable tie at the joint, pull through, place around the DEKTITE® and close.

Technical data



Online shop



Order description	For pipe diameter [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Hose clamp 20-32	20 - 32	1		8 200 004 300	4061245013961
Hose clamp 40-60	40 - 60	1		8 200 006 300	4061245013923
Hose clamp 60-80	60 - 80	1		8 200 008 300	4061245013909
Hose clamp 70-90	70 - 90	1		8 200 009 300	4061245013893
Hose clamp 90-110	90 - 110	1		8 200 011 300	4061245013886
Hose clamp 110-130	110 - 130	1		8 200 013 300	4061245013879
Hose clamp 130-150	130 - 150	1		8 200 015 300	4061245013862

EJOT® universal hose clamp



Online shop



Application range

- > For reliable sealing between pipe and pipe flashing
- > For diameters from 150 mm onwards

Order information

Universal hose clamp consisting of tightener and universal cable tie. Length of universal cable tie \geq pipe circumference + 50 mm.

Installing the cable tie

Tip back the hinged screw in the tightener, insert one end of the universal cable tie through the tightener and twist about 15 mm. Place universal cable tie around DEKTITE®, insert through the tightener and tighten by hand. Hinge the screw inwards and tighten as far as possible with a screwdriver.

Technical data



Order description	Width [mm]	Length [cm]	PU [pieces]	Price/1 piece [EUR]	Price/100 cm [EUR]	Article number	EAN
Set (1 tightener + 1 cable tie 100 cm)	7	100	1			8 200 078 300	4061245013824
Set (1 tightener + 1 cable tie 150 cm)	7	150	1			8 200 079 300	4061245013817
Set (1 tightener + 1 cable tie 200 cm)	7	200	1			8 200 070 300	4061245013855
Tightener	-	-	1			8 200 077 300	4061245013831
Cable tie (5000 cm)	7	5,000	1			8 200 076 300	4061245013848



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOPLAST joint sealant



Application range

- > For sealing the pipe flashings

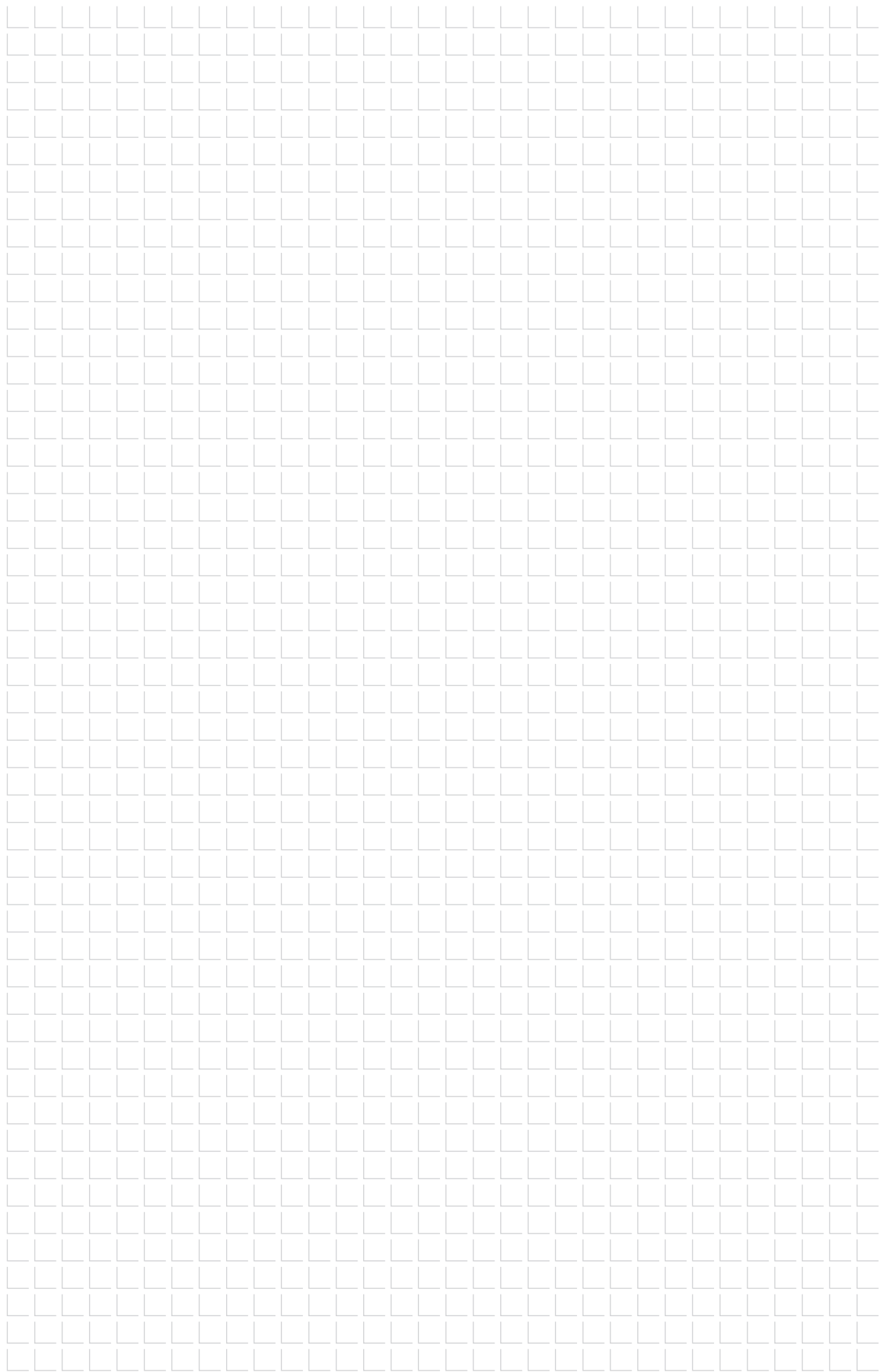
Properties

- > EJOPLAST is a single-component universal sealant based on polycarboxylic acid copolymeric base.
- > EJOPLAST adheres to all conventional materials such as steel, aluminium, copper, brass, glass, wood, ceramic, bitumen, concrete, masonry, plaster, plexiglas, tiles, roof tiles, polyester, roofing paper, etc.
- > Smooth, non-porous substructures may even be wet, while porous surfaces should be dry.
- > EJOPLAST can be cleaned with standard cleaning agents, but not with solvents.
- > EJOPLAST hardens through the evaporation of solvents and is impervious to water from the beginning because it forms an immediate skin. The surface is adhesive-free after 20-30 minutes (depending on temperature), likewise immediately after contact with water (e.g. by planing).

Online shop



Order description	Contents [ml]	Colour	PU [pieces]	Price/1 [EUR]	Article number	EAN
EJOPLAST 310 ml clear	310	clear	1		8 200 001 000	4061245013985





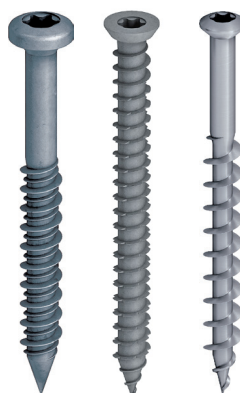
Flat roof fasteners

Mechanical fixing of roofing membranes

Overview of flat roof fasteners



Self-drilling roof screws Dabo®
ab Seite 202



Concrete and aerated concrete screws
from page 213



Metal stress plates
from page 216



Flat roof profile FP
page 222



Plastic stress plates
from page 223



Flat roofing anchors
from page 234



Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

Anchor
Technology

Installation
Technology

Window / Glass
Facade Screws

Accessories




















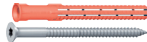

Machinery
Spare Parts
Tools



Compatibility

acc. to ETA-07/0013

Metal stress plates

		HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU
						
SW8-RT-4.8		X	X		X	
SW8-ET-4.8		X	X			
TKR-4.8				X	X	X
TKE-4.8				X	X	X
TKR-4-4.8				X	X	X
TKR-ZT6-5.5					X	X
VHT-R-4.8				X	X	X
VHT-E-4.8				X	X	X
JT2-ST-2-6.0						
JT2-ST-2-6.8						
JT3-ST-2-6.0						
FBS-R-6.3					X	X
JBS-R-7.5						
FPS-E-8.0					X	X
SDF-S-10H-E						
SDP-S-10G-E						

Plastic stress plates					Flat roof profile FP		
HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S			
					X		SW8-RT-4.8
					X		SW8-ET-4.8
X	X	X	X	X	X		TKR-4.8
X	X	X	X	X	X		TKE-4.8
X	X	X	X	X	X		TKR-4-4.8
		X	X		X		TKR-ZT6-5.5
X	X	X	X	X	X		VHT-R-4.8
X	X	X	X	X	X		VHT-E-4.8
		X	X		X		JT2-ST-2-6.0
					X		JT2-ST-2-6.8
		X	X		X		JT3-ST-2-6.0
		X	X		X		FBS-R-6.3
		X	X				JBS-R-7.5
		X	X		X		FPS-E-8.0
					X		SDF-S-10H-E
					X		SDP-S-10G-E



 Self-drilling Screws

 Facade Technology (VHF)

 Direct Assembly

 Self-tapping Screws

 Orkan Storm Washers

 Rivets

 Fasteners for Solar / Photovoltaic

 Scaffolding Anchors

 Pipe Flashings

Flat Roof Fasteners

 Anchor Technology

 Installation Technology

 Window / Glass Facade Screws

 Accessories

 Machinery Spare Parts Tools



EJOT Dabo® screw SW8-RT-4.8



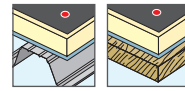
Application range

- > To fix roofing membranes to substructures made of sheet steel $\geq 0.75 \text{ mm} \leq 1.5 \text{ mm}$, timber or wood-based material
- > For combination with EJOT stress plates

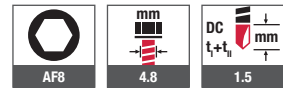
Properties

- > Case-hardened steel
- > Climadur coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > With high thread to prevent screw head protrusion due to foot traffic

Applications



Technical data



Certifications



Length determination (min. lengths)

Sheet steel	Insulation thickness + 20 mm
Timber	Insulation thickness + 30 mm

Cross references page

Stress plate HTV 82/40	216
Stress plate HTE 82/40	217
Stress plate HTV 82/40 F	219
Flat roof profile FP	222
Installation tool ECOSET	371
Socket wrench insert	381



EJOT® installation tool ECOSET available as rental equipment.

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
SW8-RT-4.8	X	X		X							X

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
bulk packed						
SW8RT-4.8x80	80	4.8	250		3 477 100 629	4061245016481
SW8RT-4.8x100	100	4.8	250		3 477 300 629	4061245016467
SW8RT-4.8x120	120	4.8	250		3 477 500 629	4061245016443
SW8RT-4.8x140	140	4.8	250		3 477 700 629	4061245016429
SW8RT-4.8x160	160	4.8	100		3 477 900 629	4061245016405
SW8RT-4.8x180	180	4.8	100		3 478 100 629	4061245016382
SW8RT-4.8x200	200	4.8	100		3 478 300 629	4061245016368
SW8RT-4.8x220	220	4.8	100		3 478 400 629	4061245016344
SW8RT-4.8x240	240	4.8	100		3 478 600 629	4061245016320
SW8RT-4.8x260	260	4.8	100		3 478 800 629	4061245016306
SW8RT-4.8x280	280	4.8	100		3 479 000 629	4061245041032

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
beltd						
SW8RT-4.8x80 beltd	80	4.8	750		3 477 101 629	4061245016474
SW8RT-4.8x100 beltd	100	4.8	750		3 477 301 629	4061245016450
SW8RT-4.8x120 beltd	120	4.8	750		3 477 501 629	4061245016436
SW8RT-4.8x140 beltd	140	4.8	750		3 477 701 629	4061245016412
SW8RT-4.8x160 beltd	160	4.8	750		3 477 901 629	4061245016399
SW8RT-4.8x180 beltd	180	4.8	750		3 478 101 629	4061245016375
SW8RT-4.8x200 beltd	200	4.8	750		3 478 301 629	4061245016351
SW8RT-4.8x220 beltd	220	4.8	750		3 478 401 629	4061245016337
SW8RT-4.8x240 beltd	240	4.8	750		3 478 601 629	4061245016313
SW8RT-4.8x260 beltd	260	4.8	750		3 478 801 629	4061245016290

EJOT Dabo® screw SW8-ET-4.8



Application range

- > To fix roofing membranes to substructures made of sheet steel $\geq 0.75 \text{ mm} \leq 1.5 \text{ mm}$, timber or wood-based material
- > For combination with EJOT stress plates
- > For renovation (cf. current Flat Roof Guideline)

Properties

- > A4 stainless steel with hardened steel drill point
- > With high thread to prevent screw head protrusion due to foot traffic

Length determination (min. lengths)

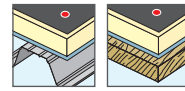
Sheet steel	Insulation thickness + 20 mm
Timber	Insulation thickness + 30 mm

Cross references	page
Stress plate HTV 82/40	216
Stress plate HTE 82/40	217
Flat roof profile FP	222
Installation tool ECOSET	371
Socket wrench insert	381

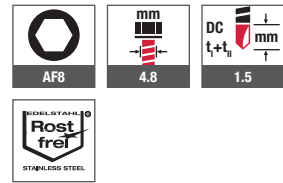


EJOT® installation tool ECOSET available as rental equipment.

Applications



Technical data



Certifications



Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
SW8-ET-4.8	X	X									X

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
bulk packed						
NEW SW8ET-4.8x100	100	4.8	250		3 439 100 649	4061245062204
NEW SW8ET-4.8x120	120	4.8	250		3 439 120 649	4061245062211
SW8ET-4.8x140	140	4.8	250		3 439 140 649	4061245020754
SW8ET-4.8x160	160	4.8	100		3 439 160 649	4061245016535
SW8ET-4.8x180	180	4.8	100		3 439 180 649	4061245020730
SW8ET-4.8x200	200	4.8	100		3 439 200 649	4061245016511
SW8ET-4.8x220	220	4.8	100		3 439 220 649	4061245020716
SW8ET-4.8x240	240	4.8	100		3 439 240 649	4061245016498
SW8ET-4.8x260	260	4.8	100		3 439 260 649	4061245020693

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
belted						
NEW SW8ET-4.8x100 belted	100	4.8	750		3 439 100 629	4061245061917
NEW SW8ET-4.8x120 belted	120	4.8	750		3 439 120 629	4061245061924
SW8ET-4.8x140 belted	140	4.8	750		3 439 140 629	4061245020761
SW8ET-4.8x160 belted	160	4.8	750		3 439 160 629	4061245016542
SW8ET-4.8x180 belted	180	4.8	750		3 439 180 629	4061245020747
SW8ET-4.8x200 belted	200	4.8	750		3 439 200 629	4061245016528
SW8ET-4.8x220 belted	220	4.8	750		3 439 220 629	4061245020723
SW8ET-4.8x240 belted	240	4.8	750		3 439 240 629	4061245016504
SW8ET-4.8x260 belted	260	4.8	750		3 439 260 629	4061245020709

EJOT Dabo® screw TKR-4.8



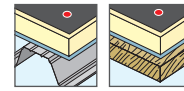
Application range

- > To fix roofing membranes to substructures made of sheet steel $\geq 0.75 \text{ mm} \leq 1.5 \text{ mm}$, timber or wood-based material
- > For combination with EJOT stress plates

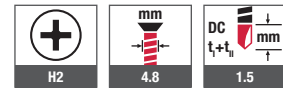
Properties

- > Case-hardened steel
- > Climadur coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > Can be delivered belted for EJOT installation tool ECOSET or pre-assembled with EJOT stress plate HTK-2G for EJOT installation tool ECOSET HTK.
- > With bugle head

Applications



Technical data



Certifications



Cross references	page
Stress plate HTV 82/40 TK	218
Stress plate HTV 82/40 F	219
Stress plate HTV 40 RU	220
Stress plate HTK-2G 50	224
Stress plate EcoTek 50	228
Stress plate HTK-S	223
Flat roof profile FP	222
Installation tool ECOSET	371
Installation tool ECOSET HTK	370
Bit cross recess	378

Length determination (min. lengths)

Sheet steel	Insulation thickness + 20 mm
Timber	Insulation thickness + 30 mm



EJOT® installation tool ECOSET available as rental equipment.

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
TKR-4.8			X	X	X	X	X	X	X	X	X

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
TKR-4.8x35	35	4.8	500		6 496 700 629	4061245045450
TKR-4.8x50	50	4.8	500		6 496 800 629	4061245045467
TKR-4.8x60	60	4.8	500		6 496 900 629	4061245045474
TKR-4.8x70	70	4.8	500		6 497 000 629	4061245045481
TKR-4.8x80	80	4.8	250		6 497 100 629	4061245045498
TKR-4.8x90	90	4.8	250		6 497 200 629	4061245045504
TKR-4.8x100	100	4.8	250		6 497 300 629	4061245045511
TKR-4.8x110	110	4.8	250		6 497 400 629	4061245045528
TKR-4.8x120	120	4.8	250		6 497 500 629	4061245045535
TKR-4.8x140	140	4.8	250		6 497 700 629	4061245045542
TKR-4.8x160	160	4.8	100		6 497 900 629	4061245045559
TKR-4.8x180	180	4.8	100		6 498 100 629	4061245045566
TKR-4.8x200	200	4.8	100		6 498 300 629	4061245045573
TKR-4.8x220	220	4.8	100		6 498 400 629	4061245045580
TKR-4.8x240	240	4.8	100		6 498 600 629	4061245045597
TKR-4.8x260	260	4.8	100		6 498 800 629	4061245045603
TKR-4.8x280	280	4.8	100		6 498 900 629	4061245045610
TKR-4.8x300	300	4.8	100		6 499 000 629	4061245045627

Self-drilling
ScrewsFacade
Technology (VHF)Direct
AssemblySelf-tapping
ScrewsOrkan
Storm Washers

Rivets

Fasteners for
Solar /
PhotovoltaicScaffolding
Anchors

Pipe Flashings

Flat Roof
FastenersAnchor
TechnologyInstallation
TechnologyWindow / Glass
Facade Screws

Accessories

Machinery
Spare Parts
Tools

EJOT Dabo® screw TKE-4.8



Application range

- > To fix roofing membranes to substructures made of sheet steel $\geq 0.75 \text{ mm} \leq 1.5 \text{ mm}$, timber and wood-based materials
- > New buildings and renovations
- > For combination with EJOT stress plates

Properties

- > A4 stainless steel with hardened steel drill point
- > Can be delivered belted for EJOT installation tool EOCSET or pre-assembled with EJOT stress plate HTK-2G for EJOT installation tool ECOSET HTK.
- > With bugle head

Length determination (min. lengths)

Sheet steel	Insulation thickness + 20 mm
Timber	Insulation thickness + 30 mm

Cross references	page
Stress plate HTV 82/40 TK	218
Stress plate HTV 82/40 F	219
Stress plate HTV 40 RU	220
Stress plate HTK-2G 50	224
Stress plate EcoTek 50	228
Stress plate HTK-S	223
Flat roof profile FP	222
Installation tool ECOSET	371
Installation tool ECOSET HTK	370
Bit cross recess	378

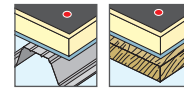


EJOT® installation tool ECOSET available as rental equipment.

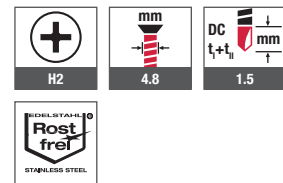
Online shop



Applications



Technical data



Certifications



Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
TKE-4.8x50	50	4.8	500		7 384 108 301	4061245014067
TKE-4.8x60	60	4.8	500		7 384 109 301	4061245011752
TKE-4.8x70	70	4.8	500		7 384 110 301	4061245011745
TKE-4.8x80	80	4.8	250		7 384 111 301	4061245011738
TKE-4.8x90	90	4.8	250		7 384 112 301	4061245011721
TKE-4.8x100	100	4.8	250		7 384 113 301	4061245011714
TKE-4.8x120	120	4.8	250		7 384 132 301	4061245011691
TKE-4.8x140	140	4.8	250		7 384 125 301	4061245011707
TKE-4.8x160	160	4.8	100		7 384 198 301	4061245011684
TKE-4.8x180	180	4.8	100		7 384 202 301	4061245011677
TKE-4.8x200	200	4.8	100		7 384 203 301	4061245011660

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
TKE-4.8			X	X	X	X	X	X	X	X	X

EJOT Dabo® screw VHT-R-4.8



Application range

- > To fix roofing membranes to substructures made of sheet steel $\geq 0.5 \text{ mm} \leq 0.75 \text{ mm}$, timber or wood-based material
- > For combination with EJOT stress plates

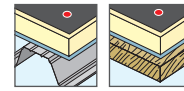
Properties

- > Case-hardened steel
- > Climadur coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > Can be delivered belted for EJOT installation tool EOCSET or pre-assembled with EJOT stress plate HTK-2G for EJOT installation tool ECOSET HTK.
- > With bugle head

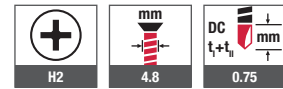
Note

For thicker and/or two-ply sheet steel we recommend use of the EJOT Dabo® screw TKR-4.8.

Applications



Technical data



Certifications



Cross references	page
Stress plate HTV 82/40 TK	218
Stress plate HTV 82/40 F	219
Stress plate HTV 40 RU	220
Stress plate HTK-2G 50	224
Stress plate EcoTek 50	228
Stress plate HTK-S	223
Flat roof profile FP	222
Installation tool ECOSET	371
Installation tool ECOSET HTK	370
Bit cross recess	378

Length determination (min. lengths)

Sheet steel	Insulation thickness + 20 mm
Timber	Insulation thickness + 30 mm



EJOT® installation tool ECOSET available as rental equipment.

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
VHT-R-4.8x35	35	4.8	500		3 496 700 609	4061245012360
VHT-R-4.8x50	50	4.8	500		3 496 800 609	4061245012353
VHT-R-4.8x60	60	4.8	500		3 496 900 609	4061245012346
VHT-R-4.8x70	70	4.8	500		3 497 000 609	4061245012339
VHT-R-4.8x80	80	4.8	250		3 497 100 609	4061245012322
VHT-R-4.8x90	90	4.8	250		3 497 200 609	4061245012315
VHT-R-4.8x100	100	4.8	250		3 497 300 609	4061245012308
VHT-R-4.8x120	120	4.8	250		3 497 500 609	4061245012285
VHT-R-4.8x140	140	4.8	250		3 497 700 609	4061245012278
VHT-R-4.8x160	160	4.8	100		3 497 900 609	4061245012261
VHT-R-4.8x180	180	4.8	100		3 498 100 609	4061245012247
VHT-R-4.8x200	200	4.8	100		3 498 300 609	4061245012230

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
VHT-R-4.8			X	X	X	X	X	X	X	X	X

EJOT Dabo® screw VHT-E-4.8



Application range

- > To fix roofing membranes to substructures made of sheet steel $\geq 0.5 \text{ mm} \leq 0.75 \text{ mm}$, aluminium sheet 0.8/1.0/1.2 mm, timber or wood-based material
- > New buildings and renovations
- > For combination with EJOT stress plates

Properties

- > A4 stainless steel with hardened steel drill point
- > Thread length 100 mm
- > Can be delivered belted for EJOT installation tool EOCSET or pre-assembled with EJOT stress plate HTK-2G for EJOT installation tool ECOSET HTK.
- > With bugle head

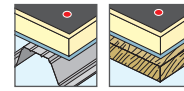
Note

For thicker and/or two-ply sheet steel we recommend use of the EJOT Dabo® screw TKE-4.8.

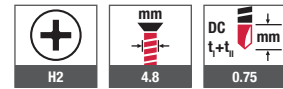
Length determination (min. lengths)

Sheet steel	Insulation thickness + 20 mm
Timber	Insulation thickness + 30 mm

Applications



Technical data



Certifications



Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Cross references	page
Stress plate HTV 82/40 TK	218
Stress plate HTV 82/40 F	219
Stress plate HTV 40 RU	220
Stress plate HTK-2G 50	224
Stress plate EcoTek 50	228
Stress plate HTK-S	223
Flat roof profile FP	222
Installation tool ECOSET	371
Installation tool ECOSET HTK	370
Bit cross recess	378



EJOT® installation tool ECOSET available as rental equipment.

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
VHT-E-4.8x100	100	4.8	250		3 497 300 610	4061245012292
VHT-E-4.8x160	160	4.8	100		3 497 900 610	4061245012254

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
VHT-E-4.8			X	X	X	X	X	X	X	X	X

EJOT Dabo® screw TKR-4-4.8



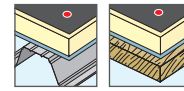
Application range

- > To fix roofing membranes to substructures made of sheet steel $\geq 1.5 \text{ mm} \leq 4.0 \text{ mm}$, timber or wood-based material
- > For combination with EJOT stress plates

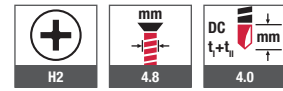
Properties

- > Case-hardened steel
- > Climadur coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > Can be delivered belted for EJOT installation tool ECOSET or pre-assembled with EJOT stress plate HTK-2G for EJOT installation tool ECOSET HTK.
- > With bugle head

Applications



Technical data



Certifications



Cross references	page
Stress plate HTV 82/40 TK	218
Stress plate HTV 82/40 F	219
Stress plate HTV 40 RU	220
Stress plate HTK-2G 50	224
Stress plate EcoTek 50	228
Stress plate HTK-S	223
Flat roof profile FP	222
Installation tool ECOSET	371
Installation tool ECOSET HTK	370
Bit cross recess	378

Length determination (min. lengths)

Sheet steel	Insulation thickness + 20 mm
Timber	Insulation thickness + 30 mm



EJOT® installation tool ECOSET available as rental equipment.

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
TKR-4-4.8x70	70	4.8	500		3 438 070 639	4061245012438
TKR-4-4.8x90	90	4.8	500		3 438 090 639	4061245012421
TKR-4-4.8 x110	110	4.8	250		3 438 110 639	4061245012414

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
TKR-4-4.8			X	X	X	X	X	X	X	X	X

EJOT Dabo® screw TKR-ZT6-5.5



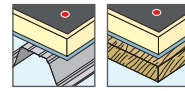
Application range

- > To fix roofing membranes to substructures made of sheet steel $\geq 3.0 \text{ mm} \leq 6.0 \text{ mm}$, timber or wood-based material
- > For combination with EJOT stress plates

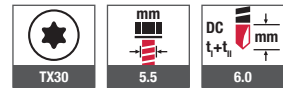
Properties

- > Case-hardened steel
- > Climadur coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)

Applications



Technical data



Certifications



Length determination (min. lengths)

Sheet steel	Insulation thickness + 20 mm
Timber	Insulation thickness + 30 mm

Cross references	page
Stress plate HTV 82/40 F	219
Stress plate HTV 40 RU	220
Stress plate EcoTek 50	228
Flat roof profile FP	220
Bit hexalobular TX	379

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
TKR-ZT6-5.5x35	35	5.5	500		3 495 035 629	4061245012407
TKR-ZT6-5.5x70	70	5.5	500		3 495 070 629	4061245012391
TKR-ZT6-5.5x90	90	5.5	500		3 495 090 629	4061245012384
TKR-ZT6-5.5x110	110	5.5	250		3 495 110 629	4061245012377

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
TKR-ZT6-5.5			X	X				X	X		X

EJOT® concrete screw FBS-R-6.3



Cross references	page
Stress plate HTV 82/40 F	218
Stress plate HTV 40 RU	220
Stress plate EcoTek 50	228
Flat roof profile FP	222
Bit extension	380
Hammer drill SDS plus	377
Bit hexalobular TX	379

Online shop



Application range

- > To fix roofing membranes to concrete substructures
- > For combination with EJOT stress plates

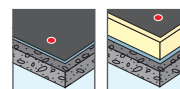
Properties

- > Case-hardened steel
- > Climadur coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)

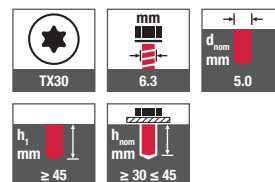
Total panel thickness [mm]

FBS-R-6.3xL	Stress plate EcoTek-50xL									
	35	65	85	105	135	165	195	225	275	335
60	50	80	100	120	150	180	210	240	290	350
80	70	100	120	140	170	200	230	260	310	370
100	90	120	140	160	190	220	250	280	330	390
120	110	140	160	180	210	240	270	300	350	410
140	130	160	180	200	230	260	290	320	370	430
160	150	180	200	220	250	280	310	340	390	450
180	170	200	220	240	270	300	330	360	410	470
220	210	240	260	280	310	340	370	400	450	510
260	250	280	300	320	350	380	410	440	490	550
300	290	320	340	360	390	420	450	480	530	590

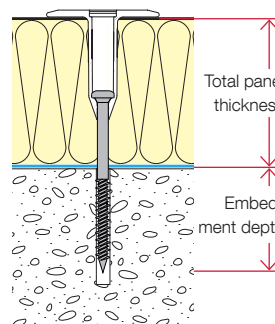
Applications



Technical data



Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
FBS-R-6.3x35	35	6.3	500		5 763 035 512	4061245011868
FBS-R-6.3x60	60	6.3	500		5 763 060 512	4061245011851
FBS-R-6.3x80	80	6.3	250		5 763 080 512	4061245011844
FBS-R-6.3x100	100	6.3	250		5 763 100 512	4061245011837
FBS-R-6.3x120	120	6.3	250		5 763 120 512	4061245011820
FBS-R-6.3x140	140	6.3	250		5 763 140 512	4061245011813
FBS-R-6.3x160	160	6.3	100		5 763 160 512	4061245011806
FBS-R-6.3x180	180	6.3	100		5 763 180 512	4061245011790
FBS-R-6.3x220	220	6.3	100		5 763 220 512	4061245011783
FBS-R-6.3x260	260	6.3	100		5 763 260 512	4061245011776
FBS-R-6.3x300	300	6.3	100		5 763 300 512	4061245011769

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
FBS-R 6.3			X	X				X	X		X

EJOT® concrete screw JBS-R-7.5



Application range

- > To fix roofing membranes to concrete substructures
- > For combination with EJOT stress plate EcoTek 50

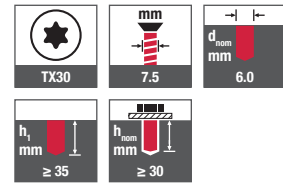
Properties

- > Case-hardened steel
- > Climadur coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)

Applications



Technical data



Certifications



Cross reference	page
Stress plate EcoTek 50	228
Bit extension	380
Hammer drill SDS plus	377
Bit hexalobular TX	379

Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JBS-R 7.5x80	80	7.5	100		2 231 080 609	4061245020884
JBS-R 7.5x120	120	7.5	100		2 231 120 609	4061245020877
JBS-R 7.5x150	150	7.5	100		2 231 150 609	4061245020860
JBS-R 7.5x210	210	7.5	100		2 231 210 609	4061245020853
NEW JBS-R 7.5x300	300	7.5	100		2 231 300 609	4061245062501

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
JBS-R-7.5								X	X		

EJOT® aerated concrete screw FPS-E-8.0



Application range

- > To fix roofing membranes to aerated concrete substructures
- > For combination with EJOT stress plates

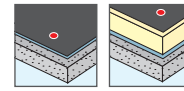
Properties

- > Stainless steel
- > Approved for P3.3/0.5 aerated concrete onwards
- > No pre-drilling

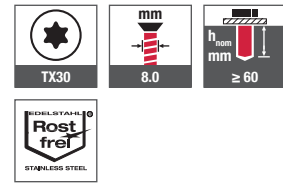
Note

Pull-out tests have to be arranged with the EJOT service team for all renovation cases.

Applications



Technical data



Cross references	page
Stress plate HTV 82/40 F	219
Stress plate HTV 40 RU	220
Stress plate EcoTek 50	228
Flat roof profile FP	222
Bit extension	380
Bit hexalobular TX	379

Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

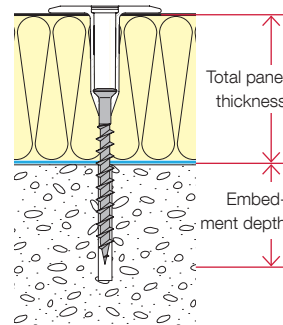
Online shop



Total panel thickness [mm]

FPS-E-8.0 x L	Stress plate EcoTek-50xL									
	35	65	85	105	135	165	195	225	275	335
80	40	70	90	110	140	170	200	230	280	340
100	60	90	110	130	160	190	220	250	300	360
120	80	110	130	150	180	210	240	270	320	380
140	100	130	150	170	200	230	260	290	340	400
160	120	150	170	190	220	250	280	310	360	420
180	140	170	190	210	240	270	300	330	380	440
200	160	190	210	230	260	290	320	350	400	460
220	180	210	230	250	280	310	340	370	420	480
240	200	230	250	270	300	330	360	390	440	500
260	220	250	270	290	320	350	380	410	460	520
280	240	270	290	310	340	370	400	430	480	540
300	260	290	310	330	360	390	420	450	500	560

Certifications



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
FPS-E-8.0x80	80	8.0	100		5 580 080 310	4061245011981
FPS-E-8.0x100	100	8.0	100		5 580 100 310	4061245011974
FPS-E-8.0x120	120	8.0	100		5 580 120 310	4061245011967
FPS-E-8.0x140	140	8.0	100		5 580 140 310	4061245011950
FPS-E-8.0x160	160	8.0	100		5 580 160 310	4061245011943
FPS-E-8.0x180	180	8.0	100		5 580 180 310	4061245011936
FPS-E-8.0x200	200	8.0	100		5 580 200 310	4061245011929
FPS-E-8.0x220	220	8.0	100		5 580 220 310	4061245011912
FPS-E-8.0x240	240	8.0	100		5 580 240 310	4061245011905
FPS-E-8.0x260	260	8.0	100		5 580 260 310	4061245011899
FPS-E-8.0x280	280	8.0	100		5 580 280 310	4061245011882
FPS-E-8.0x300	300	8.0	100		5 580 300 310	4061245011875

Compatibility acc. to ETA-07/0013

	HTV 82/40	HTE 82/40	HTV 82/40 TK	HTV 82/40 F	HTV 40 RU	HTK 2G 50xL	HTK 2G 75xL	EcoTek 50	EcoTek-T 50	HTK-S	Flat roof profile FP
FPS-E 8.0				X	X			X	X		X

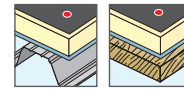
EJOT® stress plate HTV-82/40



Application range

- > To fix roofing membranes to substructures made of trapezoidal steel profiles, timber and wood-based materials
- > New building
- > For installation with EJOT® ECOSET tools
- > For manual installation

Applications



Cross references	page
Dabo® SW 8 RT-4.8	202
Dabo® SW 8 ET-4.8	204
Installation tool ECOSET	371

Properties

- > Alu-zinc coated steel

Certifications



Note

For combination with EJOT Dabo® screws



Online shop



EJOT® installation tool ECOSET available as rental equipment.

In a functional plastic box

Order description	Width [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTV-82/40	40	82	500		3 020 095 401	4061245012483

Compatibility acc. to ETA-07/0013

HTV 82/40	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDP-S-10G-E
X	X															

EJOT® stress plate HTE-82/40



Cross references	page
Dabo® SW 8 RT-4.8	202
Dabo® SW 8 ET-4.8	204
Installation tool ECOSET	371

Application range

- > To fix roofing membranes to substructures made of trapezoidal steel profiles, timber and wood-based materials
- > New buildings and renovations
- > For installation with EJOT® ECOSET tools
- > For manual installation

Properties

- > Stainless steel

Note

For combination with EJOT Dabo® screws

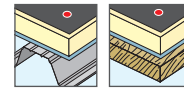


EJOT® installation tool ECOSET available as rental equipment.



In a functional plastic box

Applications



Technical data



Certifications



Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Online shop



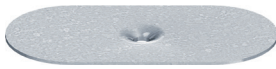
Order description

Order description	Width [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTE-82/40	40	82	500		3 020 095 300	4061245012490

Compatibility acc. to ETA-07/0013

	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDP-S-10G-E
HTE 82/40	X	X														

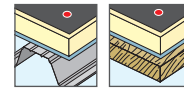
EJOT® stress plate HTV-82/40 TK



Application range

- > To fix roofing membranes to substructures made of trapezoidal steel profiles, timber and wood-based materials
- > For installation with EJOT® EJOSET tools
- > For manual installation

Applications



Cross references

	page
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Installation tool ECOSET	371

Properties

- > Alu-zinc coated steel

Certifications



Note

For combination with EJOT Dabo® screws



Online shop



EJOT® installation tool ECOSET available as rental equipment.

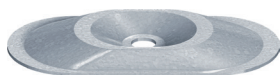
In a functional plastic box

Order description	Width [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTV-82/40 TK	40	82	500		3 020 098 401	4061245012476

Compatibility acc. to ETA-07/0013

	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDP-S-10G-E
HTV 82/40 TK			X	X	X		X	X								

EJOT® stress plate HTV-82/40 F



Cross references	page
Dabo® SW 8 RT-4.8	202
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® TKR-ZT6-5.5	212
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Concrete screw FBS-R	213
Aerated concrete screw FPS-E	215

Application range

- > To fix roofing membrane to substructures made of timber, wood-based materials, concrete and aerated concrete
- > For solid substrate

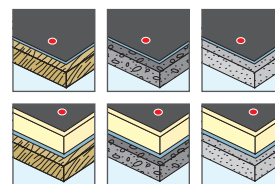
Properties

- > Alu-zinc coated steel

Note

Compatible with EJOT Dabo® screws / with concrete and aerated concrete screws

Applications



Certifications



Online shop



Order description	Width [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTV-82/40 F	40	82	500		3 020 093 401	4061245012506

Compatibility acc. to ETA-07/0013

HTV 82/40 F	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDP-S-10G-E
X	X	X	X	X	X	X	X	X				X		X		

EJOT® stress plate HTV-40 RU



Application range

> To fix roofing membranes and to fasten pressure-resistant insulation to substructures made of trapezoidal steel profiles, timber, wood-based materials, concrete and aerated concrete

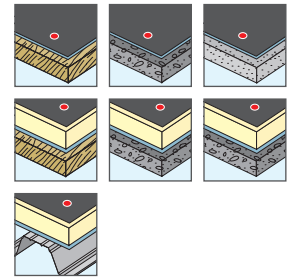
Properties

> Alu-zinc coated steel

Note

Compatible with EJOT Dabo® screws / with concrete and aerated concrete screws

Applications



Certifications



Cross references	page
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® TKR-ZT6-5.5	212
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Concrete screw FBS-R	213
Aerated concrete screw FPS-E	215

Online shop



Order description	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTV-40 RU	40	1,000		3020041401	4061245012513

Compatibility acc. to ETA-07/0013

HTV 40 RU	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDP-S-10G-E
			X	X	X	X	X	X				X		X		

EJOT® stress plate HTV-RU-40 W



Cross reference

Magnet bracket HTV RU	386
Hip belt flat roof	387

Application range

- > To fix roofing membrane to substructures made of timber and wood-based materials (without insulation)

Properties

- > Stress plate: alu-zinc coated steel
- > Screw: Case-hardened steel, Climadur-coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > Pre-assembled
- > Processing in an upright position possible with the magnet bracket HTV RU

Applications



Technical data



Certifications



In a functional plastic box

Online shop



Order description	Plate diameter [mm]	Screw length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTV RU-40/25-W	40	25	500		3 022 540 401	4061245012469
HTV RU-40/35-W	40	35	500		3 023 540 401	4061245012452
HTV RU-40/45-W	40	45	300		3 024 540 401	4061245012445

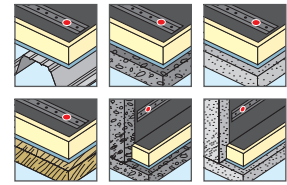
EJOT® flat roof profile FP



Application range

- > To fix roofing membrane to substructures made of concrete, aerated concrete, steel, aluminium trapezoidal profile, timber and wood-based materials.
- > For structural fastening of the edges
- > For fastening the edges of roofing membrane on wall connections and roof edges

Applications



Cross references	page
Dabo® SW 8 RT-4.8	202
Dabo® SW 8 ET-4.8	204
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® TKR-ZT6-5.5	212
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Self-drilling screw JT2-ST-2-6.0	67
Self-drilling screw JT2-ST-2-6.8	68
Self-drilling screw JT3-ST-2-6.0	93
Concrete screw FBS-R	213
Aerated concrete screw FPS-E	215
Facade anchor SDF-S-10H-E	248
Facade anchor SDP-S-10G-E	255

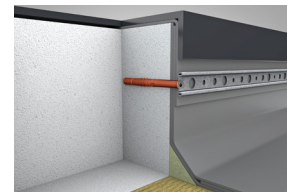
Properties

- > Alu-zinc coated steel
- > Metal rail fastening system
- > Easy processing
- > Low weight
- > 3 different hole diameters combined in one profile
- > Total length 2.25 m
- > Flexible application possibilities

Note

For combination with EJOT Dabo® screws, concrete and aerated concrete screws and self-drilling screws. For combination with EJOT facade anchors according to ETA-10/0305.

Certifications



For an approved application in the area of wall connections on the roof parapet (concrete and aerated concrete)

Technical data

Length	2.25 m
Width	30 mm
Height incl. fold edge	7.5 mm
Material thickness	1.5 mm
Hole diameter for stress plate HTK-S	14.5 mm
Hole diameter for facade anchors	10.5 mm
Hole diameter for screws	7.0 mm

Online shop



Order description	Length [m]	Width [mm]	PU [m]	Price/m [EUR]	Article number	EAN
Flat roof profile FP	2.25	30	27		7 999 001 886	4061245011653

Compatibility acc. to ETA-07/0013

Flat roof profile FP	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDP-S-10G-E
	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X

EJOT® stress plate HTK-S



Application range

- > To fix roofing membranes to substructures made of steel, trapezoidal aluminium profile, timber and wood-based material in combination with the EJOT flat roof profile FP
- > To reduce thermal bridges
- > For special requirements of resistance to imposed loads

Properties

- > High-grade plastic material
- > Telescope design for resistance to imposed loads

Note

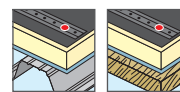
For combination with EJOT Dabo® screws

Cross references	page
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Bit extension with spring pin	380
Hip belt flat roof	387

Online shop



Applications



Technical data



Certifications



Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Order description	Plate diameter [mm]	Effective shaft length L [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTK-S-20x90	20	90	150		8 598 090 010	4061245011110
HTK-S-20x140	20	140	150		8 598 140 010	4061245011103

Compatibility acc. to ETA-07/0013

HTK-S	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDP-S-10G-E
			X	X	X		X	X								

EJOT® stress plate HTK-2G 50



Application range

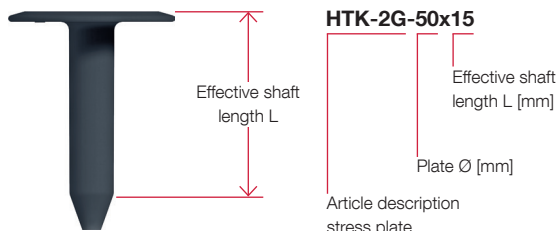
- > To secure roofing membrane to substructures made of trapezoidal steel profiles, wood and wood-based material
- > New buildings and renovations
- > For special requirements of resistance to imposed loads
- > To reduce thermal bridges
- > For installation with EJOT ECOSET HTK tools (length 35-145 mm)

Properties

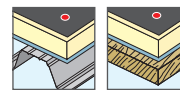
- > High-grade plastic material
- > Telescope design for resistance to imposed loads
- > For insulating material thicknesses up to 605 mm
- > Available loosely pre-assembled or collated

Note

For combination with EJOT Dabo® screws



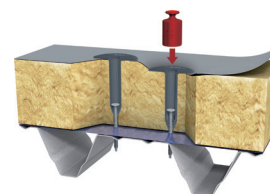
Applications



Technical data



Certifications



Telescope design for resistance to imposed loads

Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Cross references	page
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Installation tool ECOSET HTK	370
Bit extension with spring pin	380
Hip belt flat roof	387

Online shop



Order description	Plate diameter [mm]	Effective shaft length L [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTK-2G-50x15	50	15	3000		8 587 015 070	4061245011318
HTK-2G-50x35	50	35	1800		8 587 035 070	4061245011301
HTK-2G-50x55	50	55	1500		8 587 055 070	4061245011295
HTK-2G-50x95	50	95	800		8 587 095 070	4061245011288
HTK-2G-50x115	50	115	800		8 587 115 070	4061245011271
HTK-2G-50x145	50	145	600		8 587 145 070	4061245011264
HTK-2G-50x185	50	185	400		8 587 185 070	4061245011257
HTK-2G-50x225	50	225	300		8 587 225 070	4061245011240
HTK-2G-50x275	50	275	300		8 587 275 070	4061245011233
HTK-2G-50x325	50	325	250		8 587 325 070	4061245011226

Order information: On request also available with loosely pre-assembled EJOT Dabo® screws (TKR, TKE, VHT-R, VHT-E)

Compatibility acc. to ETA-07/0013

HTK 2G 50xL	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FFS-E-8.0	SDP-S-10H-E	SDP-S-10G-E
			X	X	X		X	X								

EJOT® stress plate HTK-2G-M/TKR (collated)



Cross references	page
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® VHT-R-4.8	205
Dabo® VHT-E-4.8	210
Stress plate HTK-2G 50	224
Installation tool ECOSET HTK	370

Application range

- > To fix roofing membranes
- > New buildings and renovations
- > For installation with EJOT ECOSET HTK installation tool
- > For special requirements of resistance to imposed loads
- > To reduce thermal bridges

Properties

- > Stress plate: high-grade plastic material
- > Dabo® screw TKR = case-hardened steel, Climadur® coated
- > Collated (25 pcs. per cartridge)
- > Telescope design for resistance to imposed loads
- > Combinations for insulation thicknesses up to 605 mm on request

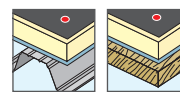
Note

For combination with EJOT Dabo® screws.
Drilling capacity = 4mm on request!

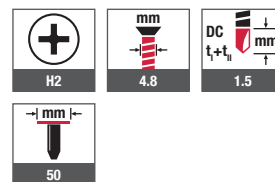
*Climadur

High-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997)

Applications



Technical data



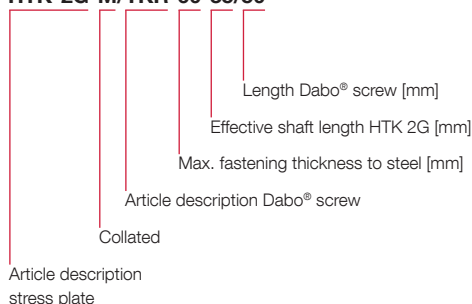
Certifications



Online shop



HTK-2G-M/TKR-60-35/50



Order description	Insulation thickness [mm]	Effective shaft length L [mm]	Screw length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTK-2G-M/TKR-60-35/50	60	35	50	1000	3 703 505 021	4061245012223	
HTK-2G-M/TKR-80-55/50	80	55	50	1000	3 705 505 021	4061245012209	
HTK-2G-M/TKR-100-55/70	100	55	70	1000	3 705 507 021	4061245012186	
HTK-2G-M/TKR-120-95/50	120	95	50	1000	3 709 505 021	4061245012162	
HTK-2G-M/TKR-140-95/70	140	95	70	1000	3 709 507 021	4061245012148	
HTK-2G-M/TKR-160-115/70	160	115	70	700	3 711 507 021	4061245012124	
HTK-2G-M/TKR-180-145/60	180	145	60	700	3 714 506 021	4061245012100	
HTK-2G-M/TKR-200-145/80	200	145	80	700	3 714 508 021	4061245012087	
HTK-2G-M/TKR-220-145/100	220	145	100	700	3 714 510 021	4061245012063	
HTK-2G-M/TKR-240-145/120	240	145	120	700	3 714 512 021	4061245012049	
HTK-2G-M/TKR-260-145/140	260	145	140	700	3 714 514 021	4061245012025	
HTK-2G-M/TKR-280-145/160	280	145	160	700	3 714 516 021	4061245012001	

Order information: For timber substructures screws need to be chosen 10 mm longer.

EJOT® stress plate HTK-2G-M/TKE (collated)



Application range

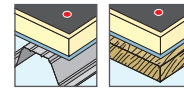
- > To fix roofing membranes
- > New buildings and renovations
- > For installation with EJOT ECOSET HTK installation tool
- > For special requirements of resistance to imposed loads
- > To reduce thermal bridges

Properties

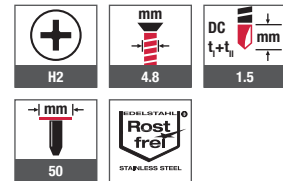
- > Stress plate: high-grade plastic material
- > Dabo® screw TKE = A4 stainless steel
- > Collated (25 pcs. per cartridge)
- > Telescope design for resistance to imposed loads
- > Combinations for insulation thicknesses up to 605 mm on request

Cross references	page
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Stress plate HTK-2G 50	224
Installation tool ECOSET HTK	370

Applications



Technical data

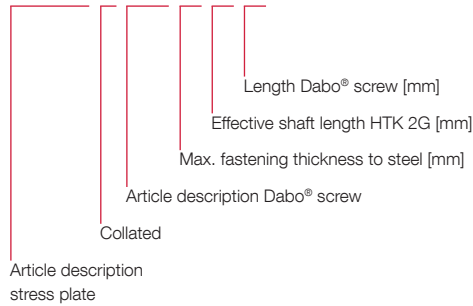


Certifications



Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

HTK-2G-M/TKE-60-35/50



Online shop



Order description	Insulation thickness [mm]	Effective shaft length L [mm]	Screw length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTK-2G-M/TKE-60-35/50	60	35	50	1000		3 703 505 022	4061245012216
HTK-2G-M/TKE-80-55/50	80	55	50	1000		3 705 505 022	4061245012193
HTK-2G-M/TKE-100-55/70	100	55	70	1000		3 705 507 022	4061245012179
HTK-2G-M/TKE-120-95/50	120	95	50	1000		3 709 505 022	4061245012155
HTK-2G-M/TKE-140-95/70	140	95	70	1000		3 709 507 022	4061245012131
HTK-2G-M/TKE-160-115/70	160	115	70	700		3 711 507 022	4061245012117
HTK-2G-M/TKE-180-145/60	180	145	60	700		3 714 506 022	4061245012094
HTK-2G-M/TKE-200-145/80	200	145	80	700		3 714 508 022	4061245012070
HTK-2G-M/TKE-220-145/100	220	145	100	700		3 714 510 022	4061245012056
HTK-2G-M/TKE-240-145/120	240	145	120	700		3 714 512 022	4061245012032
HTK-2G-M/TKE-260-145/140	260	145	140	700		3 714 514 022	4061245012018
HTK-2G-M/TKE-280-145/160	280	145	160	700		3 714 516 022	4061245011998

Order information: For timber substructures screws need to be chosen 10 mm longer.

EJOT Dabo® screw TKR-4.8 (pre-assembled)



Cross references	page
Dabo® TKR-4.8	206
Stress plate HTK-2G 50	224
Installation tool ECOSSET HTK	370
Bit cross recess	378
Bit extension with spring pin	390
Hip belt flat roof	387

Online shop



Application range

- > To fix roofing membranes
- > New buildings and renovations
- > For the installation with EJOT ECOSSET HTK installation tool up to 280 mm insulation thickness
- > For special requirements of resistance to imposed loads
- > To reduce thermal bridges

Properties

- > Stress plate: high-grade plastic material
- > Dabo® screw = case-hardened steel, Climadur® coated
- > Telescope design for resistance to imposed loads
- > Combinations for insulation thicknesses up to 605 mm on request
- > Processing in an upright position possible with the bit extension with spring pin

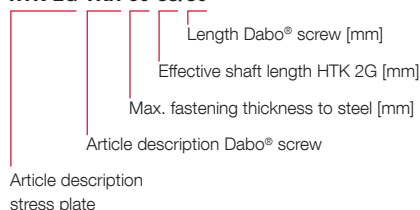
Note

Upon request also available with TKE-4.8, VHT-R and VHT-E

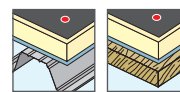
*Climadur

High-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997)

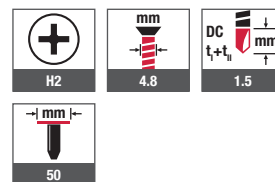
HTK-2G-TKR-60-35/50



Applications



Technical data



Certifications



Order description	Insulation thickness [mm]	Effective shaft length L [mm]	Screw length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
HTK-2G-TKR-60-35/50-loose, pre-assembled	60	35	50	100		3 703 505 024	4061245031729
HTK-2G-TKR-80-55/50-loose, pre-assembled	80	55	50	100		3 705 505 024	4061245031736
HTK-2G-TKR-100-55/70-loose, pre-assembled	100	55	70	100		3 705 507 024	4061245031620
HTK-2G-TKR-120-95/50-loose, pre-assembled	120	95	50	100		3 709 505 024	4061245032108
HTK-2G-TKR-140-95/70-loose, pre-assembled	140	95	70	100		3 709 507 024	4061245031644
HTK-2G-TKR-160-115/70-loose, pre-assembled	160	115	70	100		3 711 507 024	4061245031651
HTK-2G-TKR-180-145/60-loose, pre-assembled	180	145	60	100		3 714 506 024	4061245031668
HTK-2G-TKR-200-145/80-loose, pre-assembled	200	145	80	100		3 714 508 024	4061245031675
HTK-2G-TKR-220-145/100-loose, pre-assembled	220	145	100	100		3 714 510 024	4061245031682
HTK-2G-TKR-240-145/120-loose, pre-assembled	240	145	120	100		3 714 512 024	4061245031699
HTK-2G-TKR-260-145/140-loose, pre-assembled	260	145	140	100		3 714 514 024	4061245031705
HTK 2G-TKR-280-145/160-loose, pre-assembled	280	145	160	100		3 714 516 024	4061245031712
HTK 2G-TKR-300-145/180-loose, pre-assembled	300	145	180	100		3 714 518 024	4061245040684
HTK 2G-TKR-320-145/200-loose, pre-assembled	320	145	200	100		3 714 520 024	4061245040677
HTK 2G-TKR-340-145/220-loose, pre-assembled	340	145	220	100		3 714 522 024	4061245040660
HTK 2G-TKR-360-185/200-loose, pre-assembled	360	185	200	100		3 718 520 024	4061245040653

Order information: For timber substructures screws need to be chosen 10 mm longer.

EJOT® stress plate EcoTek 50



Application range

- > To fix roofing membrane to substructures made of concrete, aerated concrete, trapezoidal steel profiles, timber and wood-based materials
- > For special requirements of resistance to imposed loads
- > To reduce thermal bridges

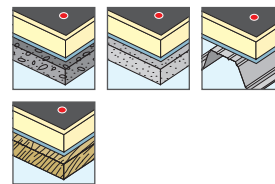
Properties

- > High-grade plastic material
- > Telescope design for resistance to imposed loads
- > For insulation material thicknesses up to 590 mm (with FBS-R and JBS-R) and up to 605 mm (with TKR)
- > Telescope design, prevents screw head protrusion due to foot traffic even with soft insulating material

Note

Compatible with EJOT Dabo® screws / with concrete and aerated concrete screws

Applications



Technical data

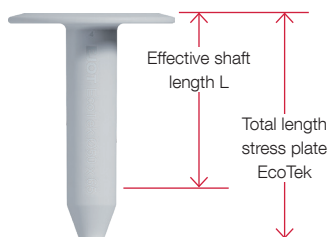


Certifications

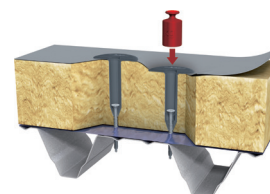
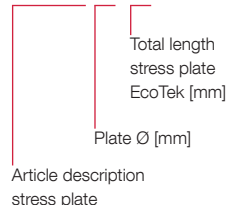


Cross references	page
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® TKR-ZT6-5.5	212
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Self-drilling screw JT2-ST-2-6.0	67
Self-drilling screw JT3-ST-2-6.0	93
Concrete screw FBS-R	213
Concrete screw JBS-R	214
Aerated concrete screw FPS-E	215

Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance



EcoTek-50x35



Telescope design for resistance to imposed loads

Online shop



Order description	Plate Ø [mm]	Effective shaft length L [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EcoTek-50x35	50	25	2000		8 595 035 007	4061245011219
EcoTek-50x65	50	55	1300		8 595 065 007	4061245011202
EcoTek-50x85	50	75	1000		8 595 085 007	4061245032801
EcoTek-50x105	50	95	800		8 595 105 007	4061245011189
EcoTek-50x135	50	125	600		8 595 135 007	4061245032818
EcoTek-50x165	50	155	450		8 595 165 007	4061245011165
EcoTek-50x195	50	185	350		8 595 195 007	4061245032825
EcoTek-50x225	50	215	300		8 595 225 007	4061245032832
EcoTek-50x275	50	265	300		8 595 275 007	4061245011134
EcoTek-50x335	50	325	250		8 595 335 007	4061245011127

Compatibility acc. to ETA-07/0013

EcoTek 50	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDF-S-10G-E
			X	X	X	X	X	X	X		X	X	X	X		

NEW EJOT® stress plate EcoTek-T 50



Cross references	page
Dabo® TKR-4.8	206
Dabo® TKE-4.8	208
Dabo® TKR-4-4.8	211
Dabo® TKR-ZT6-5.5	212
Dabo® VHT-R-4.8	209
Dabo® VHT-E-4.8	210
Self-drilling screw JT2-ST-2-6.0	67
Self-drilling screw JT3-ST-2-6.0	93
Concrete screw FBS-R	213
Concrete screw JBS-R	214
Aerated concrete screw FPS-E	215

Online shop



Application range

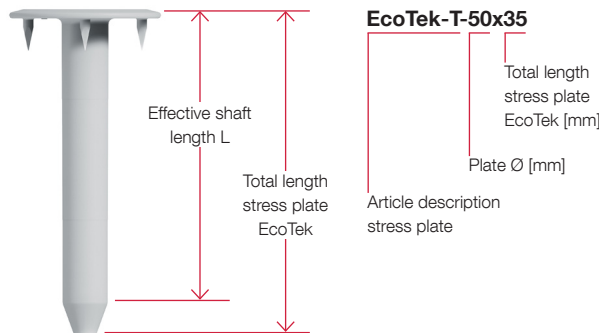
- > To fix roofing membrane to substructures made of concrete, aerated concrete, trapezoidal steel profiles, timber and wood-based materials
- > For special requirements of resistance to imposed loads
- > To reduce thermal bridges

Properties

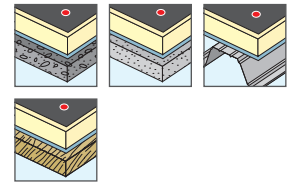
- > High-grade plastic material
- > Four additional teeth under the head ensure a maximum fixing of the roofing membrane
- > Telescope design for resistance to imposed loads
- > For insulation material thicknesses up to 590 mm (with FBS-R and JBS-R) and up to 605 mm (with TKR)
- > Telescope design, prevents screw head protrusion due to foot traffic even with soft insulating material

Note

Compatible with EJOT Dabo® screws / with concrete and aerated concrete screws



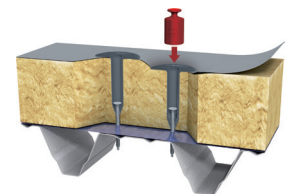
Applications



Technical data



Certifications



Telescope design for resistance to imposed loads

Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Order description	Plate Ø [mm]	Effective shaft length L [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EcoTek-T-50x65	50	55	1300		8 596 065 007	4061245061948
EcoTek-T-50x85	50	75	1000		8 596 085 007	4061245061955
EcoTek-T-50x105	50	95	800		8 596 105 007	4061245061931
EcoTek-T-50x135	50	125	600		8 596 135 007	4061245062044
EcoTek-T-50x165	50	155	450		8 596 165 007	4061245062051
EcoTek-T-50x195	50	185	350		8 596 195 007	4061245062020
EcoTek-T-50x225	50	215	300		8 596 225 007	4061245062068

Compatibility acc. to ETA-07/0013

EcoTek-T 50	SW 8 RT-4.8	SW 8 ET-4.8	TKR-4.8	TKE-4.8	TKR-4-4.8	TKR-ZT6-5.5	VHT-R-4.8	VHT-E-4.8	JT2-ST-2-6.0	JT2-ST-2-6.8	JT3-ST-2-6.0	FBS-R-6.3	JBS-R-7.5	FPS-E-8.0	SDF-S-10H-E	SDP-S-10G-E
			X	X	X	X	X	X	X		X	X	X	X		

Adjustable fastener

JBS-R/EcoTek for slope insulation on flat roofs

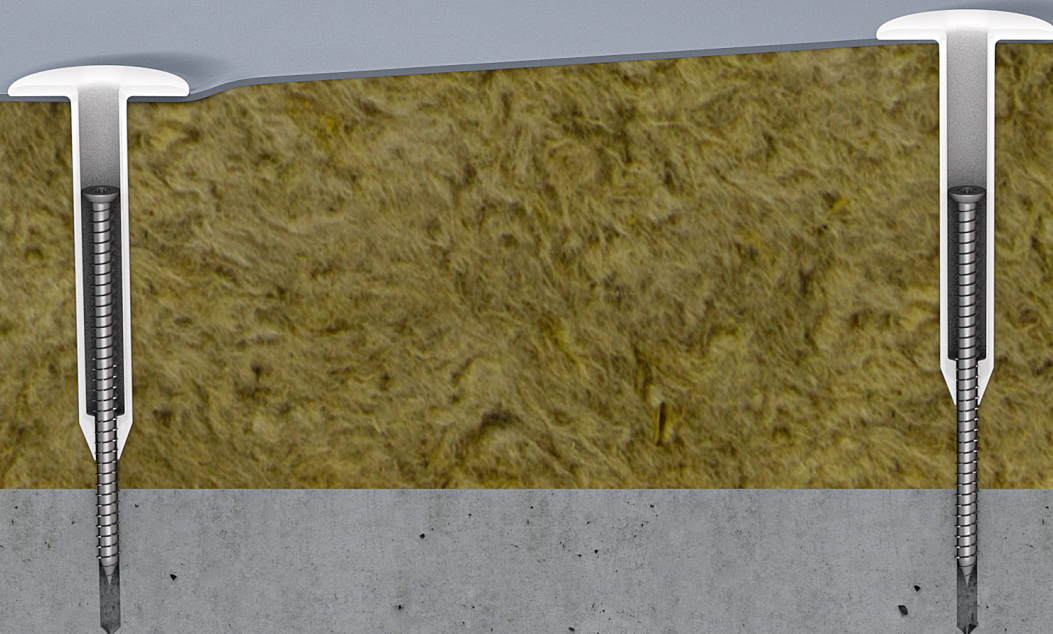


 YouTube



Watch the video now:

<https://youtu.be/47PBXLz53Ug>



Flat roofs are usually not completely flat, but have a slight slope, so that rainwater can drain off in a predetermined direction. For a slope insulation, the installer must use a correspondingly long fastener for each insulation thickness when fixing the roofing membrane. Flat roof fasteners which are adjustable in height are easier and more economical. As for example the EJOT JBS-R/EcoTek.

EJOT® concrete screw JBS-R/EcoTek (pre-assembled)



Application range

- > Adjustable fastening element
- > Ideal for slope insulation
- > To fix roofing membranes with insulation to concrete substructures

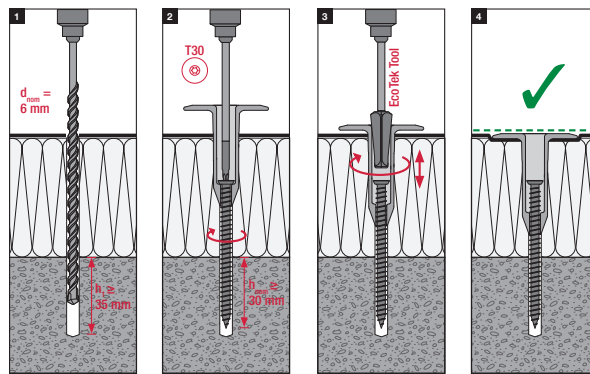
Properties

- > Screw: Case-hardened steel, Climadur-coated – high-quality coating to improve corrosion protection (15 Kesternich cycles, DIN 50018, 1997)
- > Stress plate: high-grade plastic material
- > Drive stress plate: complete EcoTek Tool

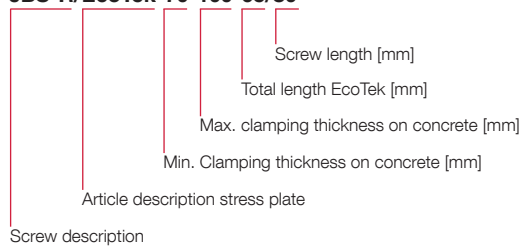
Note

Pull-out tests have to be arranged with the EJOT service team for all renovation cases.

Cross references	page
Bit hexalobular TX	379
Bit extension	380
Hammer drill	374
SDS plus	377
A cone with flange	375
Drill extension	376
Complete EcoTek Tool	386
Hip belt flat roof	387



JBS-R/EcoTek-70-100-65/80



Online shop



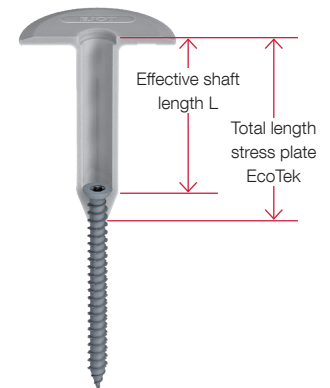
Applications



Technical data

TX30	7.5	6.0
h_1 mm ≥ 35	h_{nom} mm ≥ 30	50

Certifications



Order description	Insulation thickness [mm]	Effective shaft length L [mm]	Screw length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JBS-R/EcoTek-70-100-65/80	70-100	55	80	100		2 706 500 820	4061245021409
JBS-R/EcoTek-90-120-85/80	90-120	75	80	100		2 708 500 820	4061245021416
JBS-R/EcoTek-110-180-105/120	110-180	95	120	100		2 710 501 220	4061245021423
JBS-R/EcoTek-170-270-165/150	170-270	155	150	100		2 716 501 520	4061245021430
JBS-R/EcoTek-230-390-225/210	230-390	215	210	100		2 722 502 120	4061245021447
JBS-R/EcoTek-340-500-335/210	340-500	325	210	100		2 733 502 120	4061245021454
JBS-R/EcoTek-340-590-335/300	340-590	335	300	100		2 733 503 020	4061245062709

NEW

EJOT® aerated concrete screw FPS-E/EcoTek (pre-assembled)



Application range

- > To fix roofing membranes to aerated concrete substructures

Properties

- > Screw: stainless steel
- > Stress plate: high-grade plastic material
- > Approved for P3.3 aerated concrete onwards
- > No pre-drilling

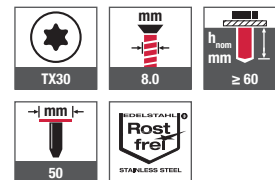
Note

Pull-out tests have to be arranged with the EJOT service team for all renovation cases.

Applications



Technical data

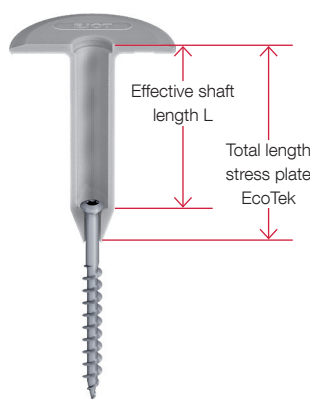


Cross references

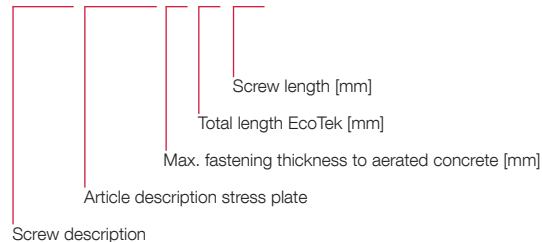
Bit hexalobular TX	379
Bit extension	380
Hip belt flat roof	387

Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Online shop



FPS-E/EcoTek-60-25/100



Certifications



Order description	Insulation thickness [mm]	Effective shaft length L [mm]	Screw length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
FPS-E/EcoTek-60-35/100	60	25	100	100		2 703 501 030	4061245012704
FPS-E/EcoTek-70-35/120	70	25	120	100		2 703 501 230	4061245012698
FPS-E/EcoTek-80-65/100	80	55	100	100		2 706 501 030	4061245012681
FPS-E/EcoTek-100-65/120	100	55	120	100		2 706 501 230	4061245012674
FPS-E/EcoTek-120-105/100	120	95	100	100		2 710 501 030	4061245012667
FPS-E/EcoTek-140-105/120	140	95	120	100		2 710 501 230	4061245012650
FPS-E/EcoTek-160-105/140	160	155	140	100		2 710 501 430	4061245021287
FPS-E/EcoTek-180-165/100	180	155	100	100		2 716 501 030	4061245012636
FPS-E/EcoTek-200-165/120	200	155	120	100		2 716 501 230	4061245012629
FPS-E/EcoTek-220-165/140	220	155	140	100		2 716 501 430	4061245020891
FPS-E/EcoTek-240-225/100	240	215	100	100		2 722 501 030	4061245012605
FPS-E/EcoTek-260-225/120	260	215	120	100		2 722 501 230	4061245012599
FPS-E/EcoTek-280-275/80	280	265	80	100		2 727 500 830	4061245012582
FPS-E/EcoTek-300-275/100	300	265	100	100		2 727 501 030	4061245012575
FPS-E/EcoTek-320-275/120	320	265	120	100		2 727 501 230	4061245012568
FPS-E/EcoTek-340-335/80	340	325	80	100		2 733 500 830	4061245012551
FPS-E/EcoTek-360-335/100	360	325	100	100		2 733 501 030	4061245012544
FPS-E/EcoTek-380-335/120	380	325	120	100		2 733 501 230	4061245012537
FPS-E/EcoTek-400-335/140	400	325	140	100		2 733 501 430	4061245012520

EJOT® flat roofing anchor FDD Plus S -R (steel)



Application range

- > To secure multi-layer roofing membrane
- > Ideal for slope insulation
- > For concrete, lightweight concrete and aerated concrete substructures

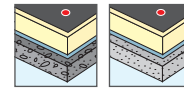
Properties

- > Anchor sleeve made of high-grade plastic material
- > Anchor screw made of steel, high-quality organic coating (15 Kesternich cycles, DIN 50018, 1997); Cr(VI) free
- > Slim shaft along the whole length

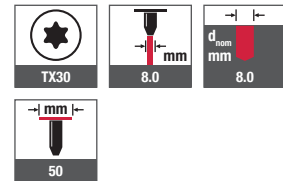
Note

Pull-out tests have to be arranged with the EJOT service team for all renovation cases.

Applications



Technical data



Certifications



Cross references	page
Bit hexalobular TX	379
Bit extension	380
Hammer drill SDS plus	374
Hip belt flat roof	387

Characteristic values

Substructure	Drill hole depth	Embedment depth
Concrete ≥ C12/15	≥ 45 mm	≥ 30 mm
Lightweight concrete ≥ LC12/13	≥ 45 mm	≥ 30 mm
Aerated concrete ≥ P 3.3/0.5	≥ 80 mm	≥ 65 mm

Online shop



Order description	Anchor length [mm]	Total panel thickness Substructure ¹⁾ ≤ [mm]	Total panel thickness Substructure ²⁾ ≤ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws finished with high-quality organic Cr(VI) free coating							
FDD-Plus-S-50x055-R	55	25	-	100		8 721 055 400	4061245010755
FDD-Plus-S-50x075-R	75	45	10	100		8 721 075 400	4061245010748
FDD-Plus-S-50x095-R	95	65	30	100		8 721 095 400	4061245010731
FDD-Plus-S-50x115-R	115	85	50	100		8 721 115 400	4061245010724
FDD-Plus-S-50x135-R	135	105	70	100		8 721 135 400	4061245010717
FDD-Plus-S-50x155-R	155	125	90	100		8 721 155 400	4061245010700
FDD-Plus-S-50x175-R	175	145	110	100		8 721 175 400	4061245010694
FDD-Plus-S-50x195-R	195	165	130	100		8 721 195 400	4061245010687

¹⁾ Concrete C12/15; lightweight concrete LC12/13
²⁾ Aerated concrete P 3.3/0.5

EJOT® flat roofing anchor FDD Plus S -E (stainless steel)



Application range

- > To secure multi-layer roofing membrane
- > Ideal for slope insulation
- > For concrete, lightweight concrete and aerated concrete substructures

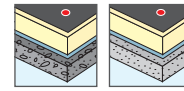
Properties

- > Anchor sleeve made of high-grade plastic material
- > Anchor screw made of A2 stainless steel
- > Slim shaft along the whole length

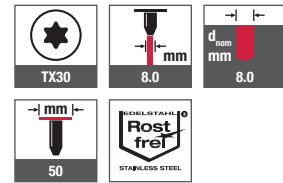
Note

Pull-out tests have to be arranged with the EJOT service team for all renovation cases.

Applications



Technical data



Certifications



Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Cross references	page
Bit hexalobular TX	379
Bit extension	380
Hammer drill SDS plus	374
Hip belt flat roof	387

Characteristic values

Substructure	Drill hole depth	Embedment depth
Concrete \geq C12/15	\geq 45 mm	\geq 30 mm
Lightweight concrete \geq LC12/13	\geq 45 mm	\geq 30 mm
Aerated concrete \geq P 3.3/0.5	\geq 80 mm	\geq 65 mm

Online shop



Order description	Anchor length [mm]	Total panel thickness Substructure ¹⁾ \leq [mm]	Total panel thickness Substructure ²⁾ \leq [mm]	PU [pieces]	Article number	EAN
Anchors with A2 stainless steel screws						
FDD-Plus-S-50x055-E	55	25	-	100	8 721 055 600	4061245044569
FDD-Plus-S-50x075-E	75	45	10	100	8 721 075 600	4061245044576
FDD-Plus-S-50x095-E	95	65	30	100	8 721 095 600	4061245040417
FDD-Plus-S-50x115-E	115	85	50	100	8 721 115 600	4061245044583
FDD-Plus-S-50x135-E	135	105	70	100	8 721 135 600	4061245044590
FDD-Plus-S-50x155-E	155	125	90	100	8 721 155 600	4061245044606
FDD-Plus-S-50x175-E	175	145	110	100	8 721 175 600	4061245044613
FDD-Plus-S-50x195-E	195	165	130	100	8 721 195 600	4061245044620

¹⁾ Concrete C12/15; lightweight concrete LC12/13

²⁾ Aerated concrete P 3.3/0.5

EJOT® flat roofing anchor FDD Plus -R (steel)



Application range

- > To fix roofing membrane
- > Ideal for slope insulation
- > For concrete, lightweight concrete and aerated concrete substructures
- > To reduce thermal bridges

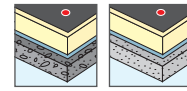
Properties

- > Anchor sleeve made of high-grade plastic material
- > Anchor screw made of steel, high-quality organic coating (15 Kesternich cycles, DIN 50018, 1997); Cr(VI) free

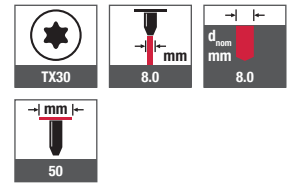
Note

Pull-out tests have to be arranged with the EJOT service team for all renovation cases.

Applications



Technical data



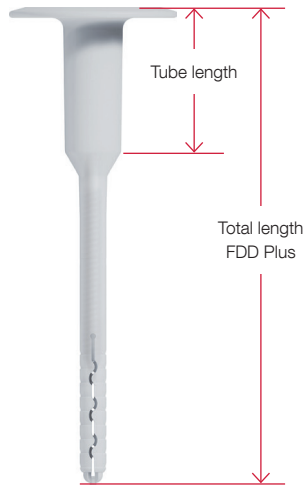
Certifications



Cross references	page
Bit hexalobular TX	379
Bit extension	380
Hammer drill SDS plus	374
Hip belt flat roof	387

Characteristic values

Substructure	Drill hole depth	Embedment depth
Concrete ≥ C12/15	≥ 45 mm	≥ 30 mm
Lightweight concrete ≥ LC12/13	≥ 45 mm	≥ 30 mm
Aerated concrete ≥ P 3.3/0.5	≥ 80 mm	≥ 65 mm



	Total length [mm]																	
	95	115	135	155	175	195	215	235	255	275	295	335	375	415	455	495	535	
22	x																	
42		x	x			x												
62				x			x											
82					x			x										
102									x									
122										x								
142											x							
162												x						
182													x					
202															x			
242																x		
282																	x	

Online shop



Order description	Anchor length [mm]	Total panel thickness Substructure ¹⁾ ≤ [mm]	Total panel thickness Substructure ²⁾ ≤ [mm]	PU [pieces]	Article number	EAN
Anchors with steel screws finished with high-quality organic Cr(VI) free coating						
FDD-Plus-50x095-R	95	65	30	100	8 720 095 400	4061245011097
FDD-Plus-50x115-R	115	85	50	100	8 720 115 400	4061245011073
FDD-Plus-50x135-R	135	105	70	100	8 720 135 400	4061245011059
FDD-Plus-50x155-R	155	125	90	100	8 720 155 400	4061245011035
FDD-Plus-50x175-R	175	145	110	100	8 720 175 400	4061245011011
FDD-Plus-50x195-R	195	165	130	100	8 720 195 400	4061245010991
FDD-Plus-50x215-R	215	185	150	100	8 720 215 400	4061245010977
FDD-Plus-50x235-R	235	205	170	100	8 720 235 400	4061245010953
FDD-Plus-50x255-R	255	225	190	100	8 720 255 400	4061245010939
FDD-Plus-50x275-R	275	245	210	100	8 720 275 400	4061245010915
FDD-Plus-50x295-R	295	265	230	100	8 720 295 400	4061245010892
FDD-Plus-50x335-R	335	305	270	100	8 720 335 400	4061245010878
FDD-Plus-50x375-R	375	345	310	100	8 720 375 400	4061245010854
FDD-Plus-50x415-R	415	385	350	100	8 720 415 400	4061245010830
FDD-Plus-50x455-R	455	425	390	100	8 720 455 400	4061245010816
FDD-Plus-50x495-R	495	465	430	100	8 720 495 400	4061245010793
FDD-Plus-50x535-R	535	505	470	100	8 720 535 400	4061245010779

¹⁾ Concrete C12/15; lightweight concrete LC12/13

²⁾ Aerated concrete P 3.3/0.5

EJOT® flat roofing anchor FDD Plus -E (stainless steel)



Application range

- > To fix roofing membrane
- > Ideal for slope insulation
- > For concrete, lightweight concrete and aerated concrete substructures
- > For renovation (cf. current Flat Roof Guideline)
- > To reduce thermal bridges

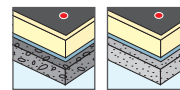
Properties

- > Anchor sleeve made of high-grade plastic material
- > Anchor screw made of A2 stainless steel

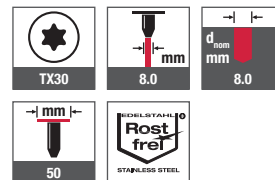
Note

Pull-out tests have to be arranged with the EJOT service team for all renovation cases.

Applications



Technical data



Certifications

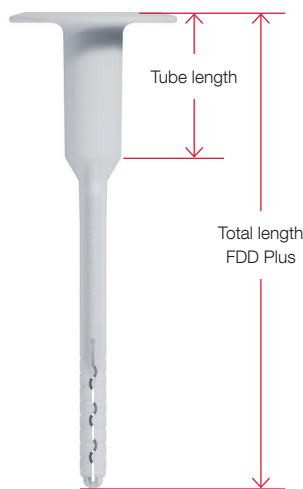


Conforms to the requirements according to VOB and the application class K2 according to DIN 18531 regarding the corrosion resistance

Cross references	page
Bit hexalobular TX	379
Bit extension	380
Hammer drill SDS plus	374
Hip belt flat roof	387

Characteristic values

Substructure	Drill hole depth	Embedment depth
Concrete ≥ C12/15	≥ 45 mm	≥ 30 mm
Lightweight concrete ≥ LC12/13	≥ 45 mm	≥ 30 mm
Aerated concrete ≥ P 3.3/0.5	≥ 80 mm	≥ 65 mm



Tube length [mm]	Total length [mm]																	
	95	115	135	155	175	195	215	235	255	275	295	335	375	415	455	495	535	
22	x																	
42		x	x			x												
62				x			x											
82					x			x										
102									x									
122										x								
142											x							
162												x						
182													x					
202															x			
242																x		
282																		x

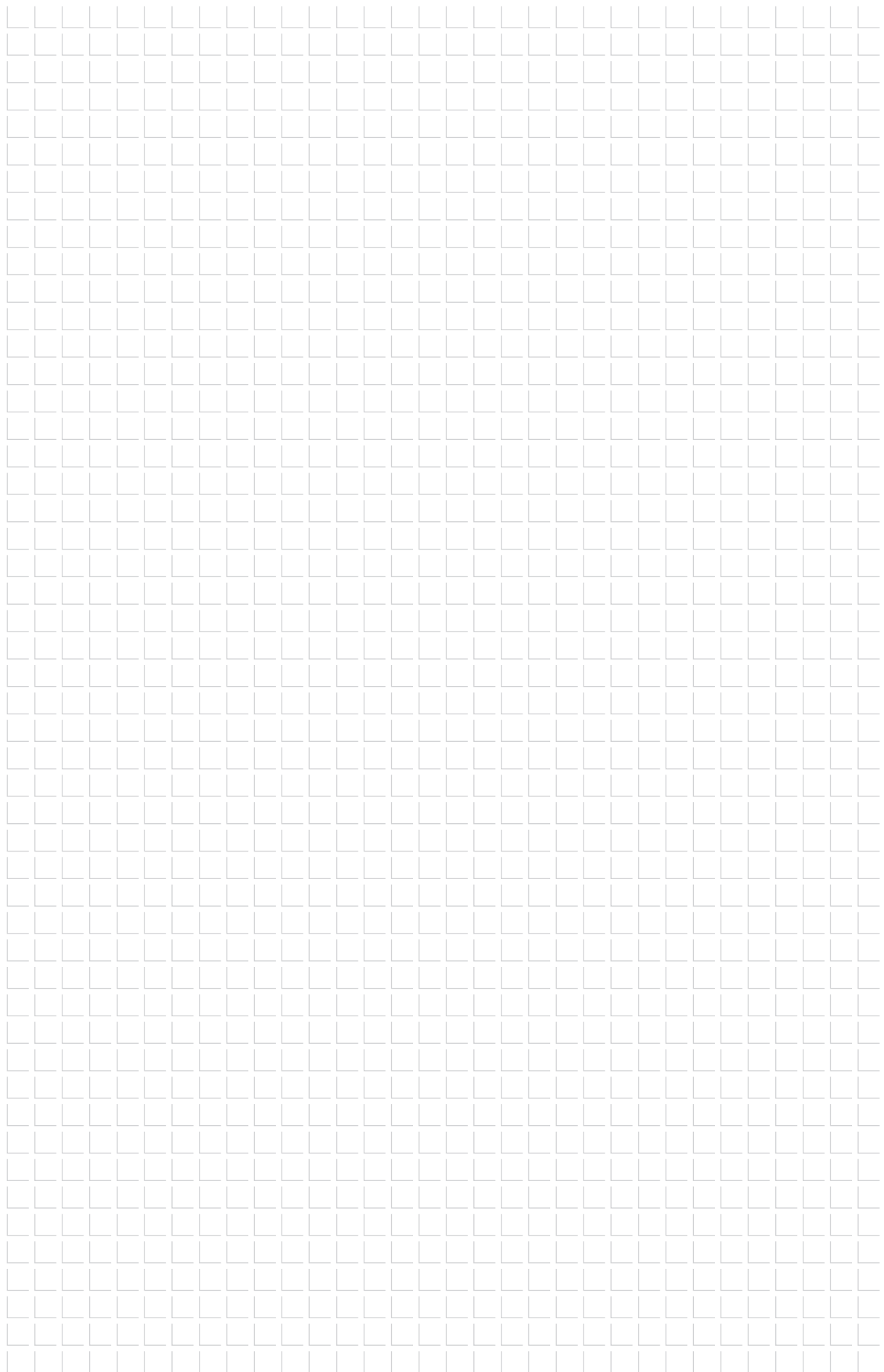
Online shop

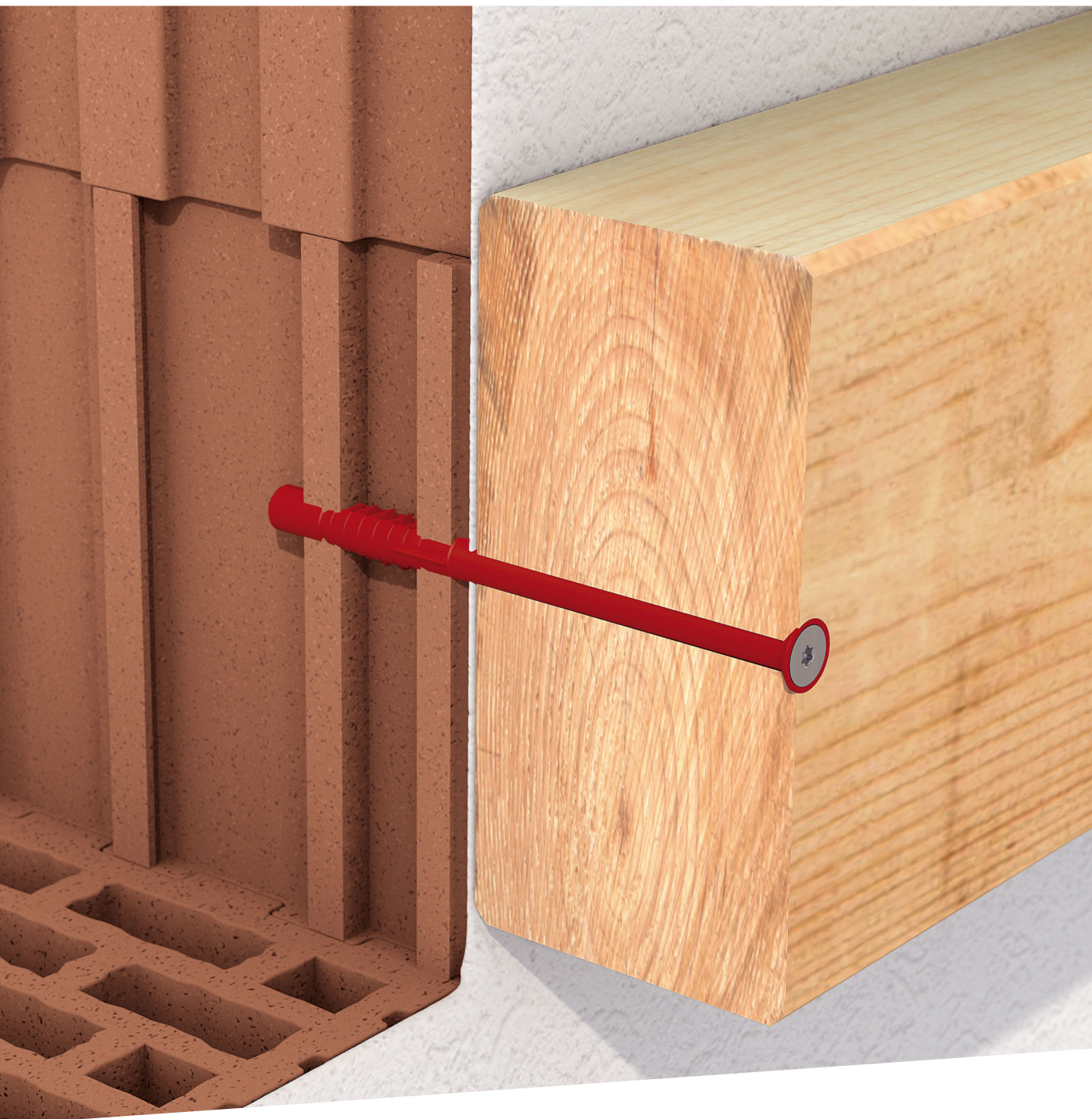


Order description	Anchor length [mm]	Total panel thickness Substructure ¹⁾ ≤ [mm]	Total panel thickness Substructure ²⁾ ≤ [mm]	PU [pieces]	Article number	EAN
Anchors with A2 stainless steel screws						
FDD-Plus-50x095-E	95	65	30	100	8 720 095 600	4061245011080
FDD-Plus-50x115-E	115	85	50	100	8 720 115 600	4061245011066
FDD-Plus-50x135-E	135	105	70	100	8 720 135 600	4061245011042
FDD-Plus-50x155-E	155	125	90	100	8 720 155 600	4061245011028
FDD-Plus-50x175-E	175	145	110	100	8 720 175 600	4061245011004
FDD-Plus-50x195-E	195	165	130	100	8 720 195 600	4061245010984
FDD-Plus-50x215-E	215	185	150	100	8 720 215 600	4061245010960
FDD-Plus-50x235-E	235	205	170	100	8 720 235 600	4061245010946
FDD-Plus-50x255-E	255	225	190	100	8 720 255 600	4061245010922
FDD-Plus-50x275-E	275	245	210	100	8 720 275 600	4061245010908
FDD-Plus-50x295-E	295	265	230	100	8 720 295 600	4061245010885
FDD-Plus-50x335-E	335	305	270	100	8 720 335 600	4061245010861
FDD-Plus-50x375-E	375	345	310	100	8 720 375 600	4061245010847
FDD-Plus-50x415-E	415	385	350	100	8 720 415 600	4061245010823
FDD-Plus-50x455-E	455	425	390	100	8 720 455 600	4061245010809
FDD-Plus-50x495-E	495	465	430	100	8 720 495 600	4061245010786
FDD-Plus-50x535-E	535	505	470	100	8 720 535 600	4061245010762

¹⁾ Concrete C12/15; lightweight concrete LC12/13

²⁾ Aerated concrete P 3.3/0.5





Nylon Expansion Anchoring Technology

Facade anchors and insulation support anchors

Length range of anchors with zinc-plated steel screws and Cr(VI)-free coating (-V) or made of A4 stainless steel (-E)

Anchor type	SDF-S 8V		SDF-KB 8V		SDF-S 10V		SDF-KB 10V		SDF-S 10H		SDF-KB 10H		SDF-S 14A		SDF-KB 14A		SDP-S 10G		SDP-KB 10G	
Length [mm]																				
Material	-V	-E	-V	-E	-V	-E	-V	-E	-V	-E	-V	-E	-V	-E	-V	-E	-V	-E	-V	-E
50					•		•	•												
60			•		•		•	•												
70					•		•	•												
80	•		•		•		•		•	•	•	•			•	•	•	•	•	•
100	•		•		•		•		•	•	•	•			•	•	•	•	•	•
120	•		•		•		•		•	•	•	•	•			•	•	•	•	•
140	•		•		•		•		•	•	•	•	•			•	•	•	•	•
160	•		•		•		•		•	•	•	•	•			•	•	•	•	•
180	•		•		•		•		•	•	•	•	•			•	•	•	•	•
200	• ¹⁾		• ¹⁾		•		•		•	•	•	•	•			•	• ¹⁾	•	• ¹⁾	• ¹⁾
220	• ¹⁾		• ¹⁾		•		•		•	•	•	•	•			•	• ¹⁾	•	• ¹⁾	• ¹⁾
240									•	•				• ¹⁾						
260									•	•				•						
280									•	•				• ¹⁾						
300									•	•				•						
320														•						
340														•						
360														•						

1) Delivery time upon request

Building materials	Standard	SDF-8V	SDF-10V	SDF-10H	SDF-14A	SDP-10G
Standard concrete ≥ C12/15	DIN 1045 EN 12	•	•	•	•	
Solid brick Mz EN 77-1-001	DIN EN 772	•	•	•	•	
Vertically perforated brick Hlz EN 771-1-002	DIN 105-1			•	•	
Vertically perforated brick LHz ¹⁾	DIN 105-2			•		
Solid sand-lime brick KS EN 771-2-009	DIN 106	(•)	•	•	•	
Perforated sand-lime brick KSL EN 771-2-003	DIN 106			•	•	
Slag bricks ¹⁾	DIN 398					
Lightweight concrete cavity blocks ≥ HBL 2 EN 771-3-005	DIN 18151			•	•	
Solid lightweight concrete bricks	DIN 18152	(•)		•		
Solid concrete bricks ¹⁾ EN 771-3-006	DIN 18153	(•)			•	
Concrete cavity blocks ¹⁾	DIN 18153					
Concrete rain screens ≥ C 12/15	DIN 1045			•		
Aerated concrete EN 771-4	DIN 1053 / 4165			•	•	•

¹⁾ As a rule: pull-out test on the structure

Note: Please observe the corresponding approvals for determining the characteristic load-carrying capacity.

EJOT® facade anchor SDF-S-8V



Application range

- > The cost-effective alternative for embedding timber substructures to solid brick masonry and concrete

Properties

- > Countersunk head
- > Small drill-hole diameter
- > Product identification through different sleeve colours

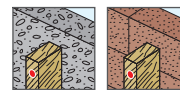
Note

For planning and processing, please observe ETA-15/0387

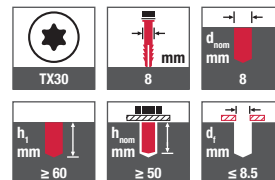
Instructions for using galvanic zinc-plated facade anchor screws (excerpt from ETA-15/0387)

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 or a 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).

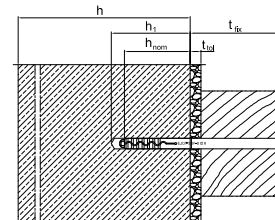
Applications



Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit hexalobular TX	379

Characteristic loads*

Tensile strength $N_{Rk,D}$ in concrete < C16/20	4.50 kN
Tensile strength $N_{Rk,D}$ in concrete \geq C16/20	6.50 kN
Brick Mz 28-1.8, NF	2.50 kN
Solid sand-lime brick KS, NF 20-2.0	2.00 kN
Transverse strength $V_{Rk,S}$	
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

Online shop



Order description	Length [mm]	Diameter [mm]	Fastening thickness $t_{fx} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)							
SDF-S-8Vx80-V	80	8	30	100		8 569 080 430	4061245019123
SDF-S-8Vx100-V	100	8	50	50		8 569 100 430	4061245019116
SDF-S-8Vx120-V	120	8	70	50		8 569 120 430	4061245019109
SDF-S-8Vx140-V	140	8	90	50		8 569 140 430	4061245019093
SDF-S-8Vx160-V	160	8	110	50		8 569 160 430	4061245019086
SDF-S-8Vx180-V	180	8	130	50		8 569 180 430	4061245019079
SDF-S-8Vx200-V*	200	8	150	50		8 569 200 430	4061245019062
SDF-S-8Vx220-V*	220	8	170	50		8 569 220 430	4061245019055
*Delivery time upon request							

EJOT® facade anchor SDF-KB-8V



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Socket wrench insert	381

Online shop



Application range

- > For the embedment of metal substructures in solid brick masonry and concrete

Properties

- > Hexagon head with flange
- > Small drill-hole diameter
- > Thermal and galvanic separation
- > Product identification through different sleeve colours

Note

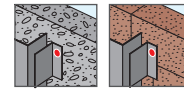
For planning and processing, please observe ETA-15/0387

Characteristic loads*

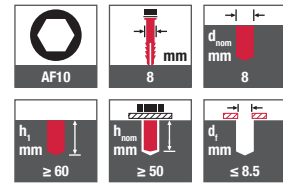
Tensile strength $N_{Rk,D}$ in concrete < C16/20	4.50 kN
Tensile strength $N_{Rk,D}$ in concrete \geq C16/20	6.50 kN
Brick Mz 28-1.8, NF	2.50 kN
Solid sand-lime brick KS, NF 20-2.0	2.00 kN
Transverse strength $V_{FR,S}$	
Anchor with steel screw	5.30 kN
Bending moment $M_{FR,S}$	
Anchor with steel screw	8.20 Nm

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

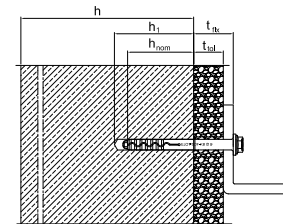
Applications



Technical data



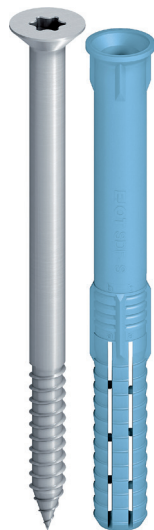
Certifications



Order description	Length [mm]	Diameter [mm]	Fastening thickness $t_{fix} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)							
SDF-KB-8Vx60-V	60	8	10	100		8 570 060 430	4061245019048
SDF-KB-8Vx80-V	80	8	30	100		8 570 080 430	4061245019024
SDF-KB-8Vx100-V	100	8	50	50		8 570 100 430	4061245019000
SDF-KB-8Vx120-V	120	8	70	50		8 570 120 430	4061245018997
SDF-KB-8Vx140-V	140	8	90	50		8 570 140 430	4061245018980
SDF-KB-8Vx160-V	160	8	110	50		8 570 160 430	4061245018973
SDF-KB-8Vx180-V	180	8	130	50		8 570 180 430	4061245018966
SDF-KB-8Vx200-V*	200	8	150	50		8 570 200 430	4061245018959
SDF-KB-8Vx220-V*	220	8	170	50		8 570 220 430	4061245018942

*Delivery time upon request

EJOT® facade anchor SDF-S-10V



Application range

- > Installation of timber or metal attachments
- > For non-supporting redundant systems according to ETAG 020
- > Suitable for the structural fastening of gates, doors, windows, square timber

Properties

- > Countersunk head
- > Anchor with an embedment depth of 40 mm in concrete
- > Two installation depths (embedment in masonry 50 mm)
- > 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

Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit hexalobular TX	379

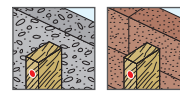
Note

Please observe European Technical Approval ETA-10/0305 in the planning and processing of products. Further information about parameters and loads can be found in the approval.

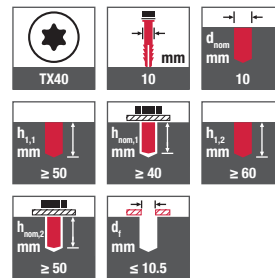
Characteristic loads

Tensile load $N_{Rk,p}$ in concrete C12/15	
Temperature range 30 °C / 50 °C	4.50 kN
Temperature range 50 °C / 80 °C	4.00 kN
F_{Rk} brick Mz 20-1.8, NF	2.50 kN
F_{Rk} solid sand-lime brick KS 36, NF	4.00 kN
F_{Rk} solid sand-lime brick KS 20, 8 DF	4.50 kN
Transverse load $V_{Rk,s}$ in concrete C12/15 at $h_{nom,1} = 40$ mm	
Anchor with steel screw	7.93 kN
Transverse load $V_{Rk,s}$ at $h_{nom,2} = 50$ mm	
Anchor with steel screw	11.09 kN
Bending moment $M_{Rk,s}$ at $h_{nom,1} = 40$ mm	
Anchor with steel screw	13.80 kN
Bending moment $M_{Rk,s}$ at $h_{nom,2} = 50$ mm	
Anchor with steel screw	23.01 Nm

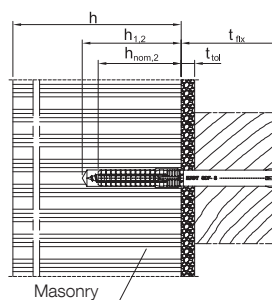
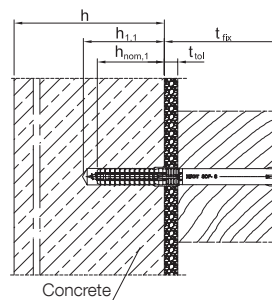
Applications



Technical data



Certifications

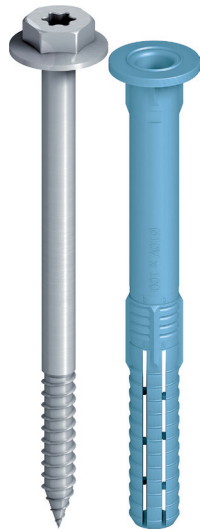


Online shop



Order description	Length [mm]	Diameter [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	10 / -	100		8 580 050 450	4061245018935
SDF-S-10Vx60-V	60	10	20 / 10	100		8 580 060 450	4061245018928
SDF-S-10Vx70-V	70	10	30 / 20	100		8 580 070 450	4061245018911
SDF-S-10Vx80-V	80	10	40 / 30	100		8 580 080 450	4061245018904
SDF-S-10Vx100-V	100	10	60 / 50	50		8 580 100 450	4061245018898
SDF-S-10Vx120-V	120	10	80 / 70	50		8 580 120 450	4061245018881
SDF-S-10Vx140-V	140	10	100 / 90	50		8 580 140 450	4061245018874
SDF-S-10Vx160-V	160	10	120 / 110	50		8 580 160 450	4061245018867
SDF-S-10Vx180-V	180	10	140 / 130	50		8 580 180 450	4061245018850
SDF-S-10Vx200-V	200	10	160 / 150	50		8 580 200 450	4061245018843
SDF-S-10Vx220-V	220	10	180 / 170	50		8 580 220 450	4061245018836

EJOT® facade anchor SDF-KB-10V



Application range

- > Installation of metal attachments
- > For non-supporting redundant systems according to ETAG 020
- > Suitable for the structural fastening of wall cupboards, cladding, metal angle pieces

Properties

- > Hexagon head with flange
- > Anchor with an embedment depth of 40 mm in concrete
- > Two installation depths (embedment in masonry 50 mm)
- > 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

Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Socket wrench insert	381
Bit hexalobular TX	379

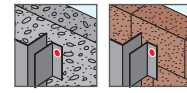
Note

Please observe European Technical Approval ETA-10/0305 in the planning and processing of products. Further information about parameters and loads can be found in the approval.

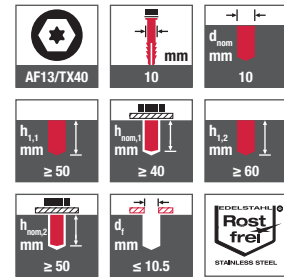
Characteristic loads

Tensile load $N_{Rk,p}$ in concrete C12/15	
Temperature range 30 °C / 50 °C	4.50 kN
Temperature range 50 °C / 80 °C	4.00 kN
F_{Rk} brick Mz 20-1.8, NF	2.50 kN
F_{Rk} solid sand-lime brick KS 36, NF	4.00 kN
F_{Rk} solid sand-lime brick KS 20, 8 DF	4.50 kN
Transverse load $V_{Rk,s}$ in concrete C12/15 at $h_{nom,1} = 40$ mm	
Anchor with steel screw	7.93 kN
Anchor with A4 stainless steel screw	9.12 kN
Transverse load $V_{Rk,s}$ at $h_{nom,2} = 50$ mm	
Anchor with steel screw	11.09 kN
Anchor with A4 stainless steel screw	12.94 kN
Bending moment $M_{Rk,s}$ at $h_{nom,1} = 40$ mm	
Anchor with steel screw	13.80 kN
Anchor with A4 stainless steel screw	16.09 kN
Bending moment $M_{Rk,s}$ at $h_{nom,2} = 50$ mm	
Anchor with steel screw	23.01 Nm
Anchor with A4 stainless steel screw	26.62 Nm

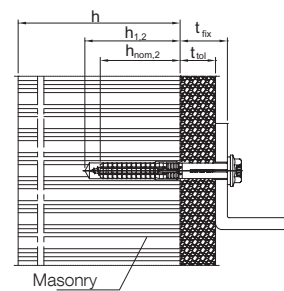
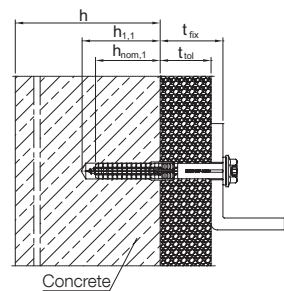
Applications



Technical data



Certifications

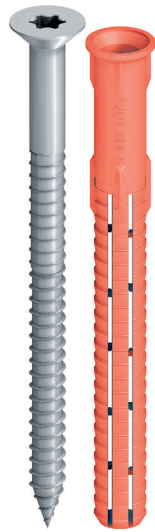


Online shop



Order description	Length [mm]	Diameter [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-KB-10Vx50-V	50	10	10 / -	100		8 581 050 450	4061245018829
SDF-KB-10Vx60-V	60	10	20 / 10	100		8 581 060 450	4061245018805
SDF-KB-10Vx70-V	70	10	30 / 20	100		8 581 070 450	4061245018775
SDF-KB-10Vx80-V	80	10	40 / 30	100		8 581 080 450	4061245018751
SDF-KB-10Vx100-V	100	10	60 / 50	50		8 581 100 450	4061245018744
SDF-KB-10Vx120-V	120	10	80 / 70	50		8 581 120 450	4061245018737
SDF-KB-10Vx140-V	140	10	100 / 90	50		8 581 140 450	4061245018720
SDF-KB-10Vx160-V	160	10	120 / 110	50		8 581 160 450	4061245018713
SDF-KB-10Vx180-V	180	10	140 / 130	50		8 581 180 450	4061245018706
SDF-KB-10Vx200-V	200	10	160 / 150	50		8 581 200 450	4061245018690
SDF-KB-10Vx220-V	220	10	180 / 170	50		8 581 220 450	4061245018683
Anchors with A4 stainless steel screws (-E)							
SDF-KB-10Vx50-E	50	10	10 / -	100		8 581 050 650	4061245018812
SDF-KB-10Vx60-E	60	10	20 / 10	100		8 581 060 650	4061245018799
SDF-KB-10Vx70-E	70	10	30 / 20	100		8 581 070 650	4061245018768

EJOT® universal anchor SDF-S-10H



Application range

- > Installation of timber or metal attachments
- > For non-supporting redundant systems according to ETAG 020
- > Suitable for the structural fastening of gates, doors, windows, square timber
- > For embedment in rain screens

Properties

- > Countersunk head
- > 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

Note

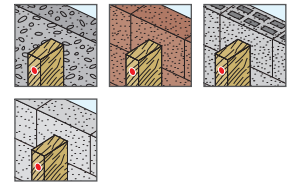
Please observe European Technical Approval ETA-10/0305 in the planning and processing of products. Further information about parameters and loads can be found in the approval.

Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit hexalobular TX	379
Flat roof profile FP	222

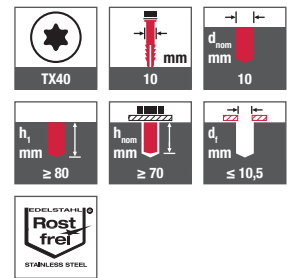
Characteristic loads

Tensile load $N_{Rk,P}$ in concrete C12/15	
Temperature range 30 °C / 50 °C	4.50 kN
Temperature range 50 °C / 80 °C	4.00 kN
Brick Mz 20-1.8, NF	4.00 kN
Solid sand-lime brick KS 36, NF	4.50 kN
Solid sand-lime brick KS 20, 8 DF	4.50 kN
Solid lightweight concrete brick V6, 2 DF	2.00 kN
Vertically perforated brick HLz 12-0.9, NF	2.00 kN
Perforated sand-lime brick KSL 12, 4 DF	2.50 kN
Cavity block made of lightweight concrete Hbl 10, 12 DF	1.20 kN
Transverse load $V_{Rk,S}$	
Anchor with steel screw	9.35 kN
Anchor with A4 stainless steel screw	10.91 kN
Bending moment $M_{Rk,S}$	
Anchor with steel screw	17.67 Nm
Anchor with A4 stainless steel screw	20.62 Nm
Compressive strength of aerated concrete [N/mm ²] 30 - 50 °C	
Aerated concrete 4	1.5 kN
Aerated concrete 5	2.0 kN
Aerated concrete 6	2.5 kN
Aerated concrete 7	2.5 kN
Partial safety factor γ_{MAAC}	2.0

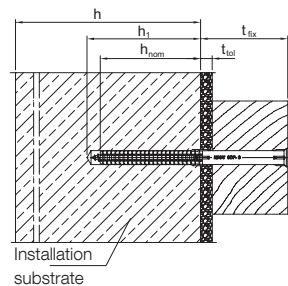
Applications



Technical data



Certifications

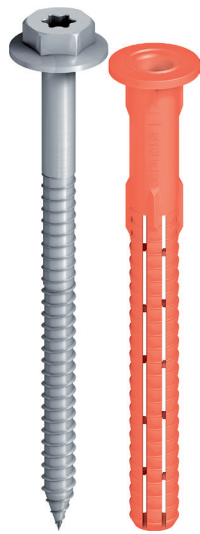


Online shop



Order description	Length [mm]	Diameter [mm]	Fastening thickness $t_{tx} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)							
SDF-S-10Hx80-V	80	10	10	100		8 510 080 420	4061245019864
SDF-S-10Hx100-V	100	10	30	50		8 510 100 420	4061245019840
SDF-S-10Hx120-V	120	10	50	50		8 510 120 420	4061245019826
SDF-S-10Hx140-V	140	10	70	50		8 510 140 420	4061245019802
SDF-S-10Hx160-V	160	10	90	50		8 510 160 420	4061245019789
SDF-S-10Hx180-V	180	10	110	50		8 510 180 420	4061245019765
SDF-S-10Hx200-V	200	10	130	50		8 510 200 420	4061245019741
SDF-S-10Hx220-V	220	10	150	50		8 510 220 420	4061245019727
SDF-S-10Hx240-V	240	10	170	50		8 510 240 420	4061245019703
SDF-S-10Hx260-V	260	10	190	50		8 510 260 420	4061245019680
SDF-S-10Hx280-V	280	10	210	50		8 510 280 420	4061245019666
SDF-S-10Hx300-V	300	10	230	50		8 510 300 420	4061245019659
Anchors with A4 stainless steel screws (-E)							
SDF-S-10Hx80-E	80	10	10	100		8 510 080 620	4061245019857
SDF-S-10Hx100-E	100	10	30	50		8 510 100 620	4061245019833
SDF-S-10Hx120-E	120	10	50	50		8 510 120 620	4061245019819
SDF-S-10Hx140-E	140	10	70	50		8 510 140 620	4061245019796
SDF-S-10Hx160-E	160	10	90	50		8 510 160 620	4061245019772
SDF-S-10Hx180-E	180	10	110	50		8 510 180 620	4061245019758
SDF-S-10Hx200-E	200	10	130	50		8 510 200 620	4061245019734
SDF-S-10Hx220-E	220	10	150	50		8 510 220 620	4061245019710
SDF-S-10Hx240-E	240	10	170	50		8 510 240 620	4061245019697
SDF-S-10Hx260-E	260	10	190	50		8 510 260 620	4061245019673
SDF-S-10Hx280-E	280	10	210	50		8 510 280 620	4061245031514
SDF-S-10Hx300-E	300	10	230	50		8 510 300 620	4061245031521

EJOT® universal anchor SDF-KB-10H



Application range

- > Installation of metal attachments
- > For non-supporting redundant systems according to ETAG 020
- > Suitable for the structural fastening of wall cupboards, cladding, metal angle pieces
- > For embedment in rain screens

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

Note

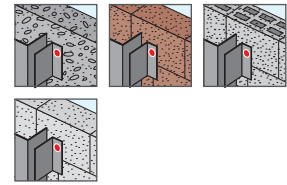
Please observe European Technical Approval ETA-10/0305 in the planning and processing of products. Further information about parameters and loads can be found in the approval.

Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Socket wrench insert	381
Bit hexalobular TX	379

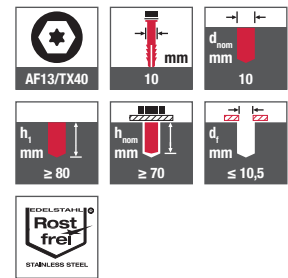
Characteristic loads

Tensile load $N_{Rk,p}$ in concrete C12/15	
Temperature range 30 °C / 50 °C	4.50 kN
Temperature range 50 °C / 80 °C	4.00 kN
Brick Mz 20-1.8, NF	4.00 kN
Solid sand-lime brick KS 36, NF	4.50 kN
Solid sand-lime brick KS 20, 8 DF	4.50 kN
Solid lightweight concrete brick V6, 2 DF	2.00 kN
Vertically perforated brick HLz 12-0.9, NF	2.00 kN
Perforated sand-lime brick KSL 12, 4 DF	2.50 kN
Cavity block made of lightweight concrete Hbl 10, 12 DF	1.20 kN
Transverse load $V_{Rk,s}$	
Anchor with steel screw	9.35 kN
Anchor with A4 stainless steel screw	10.91 kN
Bending moment $M_{Rk,s}$	
Anchor with steel screw	17.67 Nm
Anchor with A4 stainless steel screw	20.62 Nm
Compressive strength of aerated concrete [N/mm ²] 30 - 50 °C	
Aerated concrete 4	1.5 kN
Aerated concrete 5	2.0 kN
Aerated concrete 6	2.5 kN
Aerated concrete 7	2.5 kN
Partial safety factor γ_{MAAC}	2.0

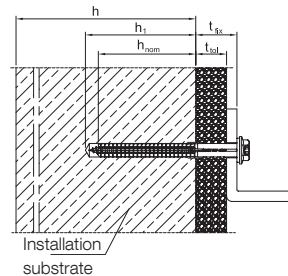
Applications



Technical data



Certifications

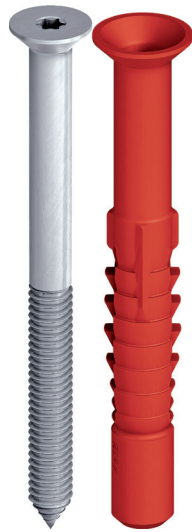


Online shop



Order description	Length [mm]	Diameter [mm]	Fastening thickness $t_{tx} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)							
SDF-KB-10Hx80-V	80	10	10	100		8 513 080 420	4061245019642
SDF-KB-10Hx100-V	100	10	30	50		8 513 100 420	4061245019611
SDF-KB-10Hx120-V	120	10	50	50		8 513 120 420	4061245019581
SDF-KB-10Hx140-V	140	10	70	50		8 513 140 420	4061245019567
SDF-KB-10Hx160-V	160	10	90	50		8 513 160 420	4061245019543
SDF-KB-10Hx180-V	180	10	110	50		8 513 180 420	4061245019529
SDF-KB-10Hx200-V	200	10	130	50		8 513 200 420	4061245019505
SDF-KB-10Hx220-V	220	10	150	50		8 513 220 420	4061245019482
Anchors with A4 stainless steel screws (-E)							
SDF-KB-10Hx80-E	80	10	10	100		8 513 080 620	4061245019635
SDF-KB-10Hx100-E	100	10	30	50		8 513 100 620	4061245019604
SDF-KB-10Hx120-E	120	10	50	50		8 513 120 620	4061245019574
SDF-KB-10Hx140-E	140	10	70	50		8 513 140 620	4061245019550
SDF-KB-10Hx160-E	160	10	90	50		8 513 160 620	4061245019536
SDF-KB-10Hx180-E	180	10	110	50		8 513 180 620	4061245019512
SDF-KB-10Hx200-E	200	10	130	50		8 513 200 620	4061245019499
SDF-KB-10Hx220-E	220	10	150	50		8 513 220 620	4061245019475

EJOT® facade anchor SDF-S-14A



Application range

- > Installation of timber or metal attachments
- > For non-supporting redundant systems according to ETAG 020
- > Suitable for the structural fastening of gates, doors, windows, square timber

Properties

- > Countersunk head
- > 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

Note

For planning, please observe approval ETA-15/0027.

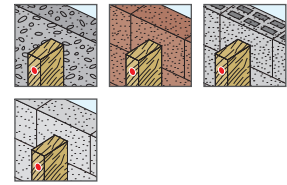
Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit hexalobular TX	379

Characteristic loads*

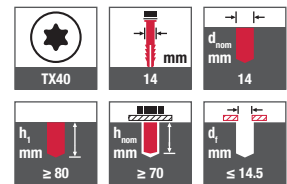
Tensile load $N_{Rk,P}$ in concrete > C12/15	8.50 kN
Brick Mz 20-1.8, NF	5.50 kN
Solid sand-lime brick KS, 2 DF 20-2.0	6.00 kN
Solid sand-lime brick KS, 8 DF 20-1.8	7.00 kN
Solid brick V, 3 DF	3.00 kN
Vertically perforated brick HLz, 2 DF 28-1.2	2.00 kN
Perforated sand-lime brick KSL, 8 DF 16-1.4	2.50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

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

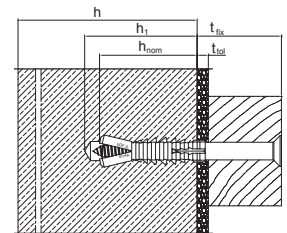
Applications



Technical data



Certifications

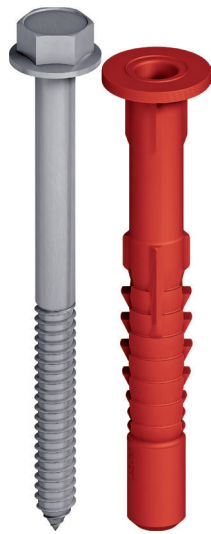


Online shop



Order description	Length [mm]	Diameter [mm]	Fastening thickness $t_{tx} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)							
SDF-S-14Ax120-V	120	14	50	50		8 591 120 430	4061245018638
SDF-S-14Ax140-V	140	14	70	50		8 591 140 430	4061245018621
SDF-S-14Ax160-V	160	14	90	50		8 591 160 430	4061245018614
SDF-S-14Ax180-V	180	14	110	50		8 591 180 430	4061245018607
SDF-S-14Ax200-V	200	14	130	50		8 591 200 430	4061245018591
SDF-S-14Ax220-V	220	14	150	50		8 591 220 430	4061245018584
SDF-S-14Ax240-V	240	14	170	25		8 591 240 430	4061245018577
SDF-S-14Ax260-V	260	14	190	25		8 591 260 430	4061245018560
SDF-S-14Ax280-V	280	14	210	25		8 591 280 430	4061245018553
SDF-S-14Ax300-V	300	14	230	25		8 591 300 430	4061245018546
SDF-S-14Ax320-V	320	14	250	25		8 591 320 430	4061245018539
SDF-S-14Ax340-V	340	14	270	25		8 591 340 430	4061245018522
SDF-S-14Ax360-V	360	14	290	25		8 591 360 430	4061245018515

EJOT® facade anchor SDF-KB-14A



Application range

- > Installation of metal attachments
- > For non-supporting redundant systems according to ETAG 020
- > Suitable for the structural fastening of wall cupboards, cladding, metal angle pieces

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

Note

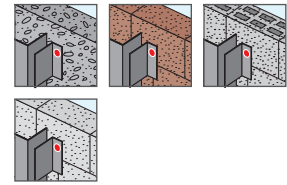
For planning, please observe approval ETA-15/0027.

Characteristic loads*

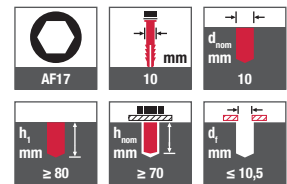
Tensile load $N_{Rk,p}$ in concrete > C12/15	8.50 kN
Brick Mz 20-1.8, NF	5.50 kN
Solid sand-lime brick KS, 2 DF 20-2.0	6.00 kN
Solid sand-lime brick KS, 8 DF 20-1.8	7.00 kN
Solid brick V, 3 DF	3.00 kN
Vertically perforated brick HLZ, 2 DF 28-1.2	2.00 kN
Perforated sand-lime brick KSL, 8 DF 16-1.4	2.50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

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

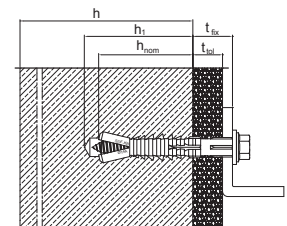
Applications



Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Socket wrench insert	381

Online shop



Order description	Length [mm]	Diameter [mm]	Fastening thickness $t_{fx} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)							
SDF-KB-14Ax80-V	80	14	10	50		8 590 080 430	4061245018676
SDF-KB-14Ax100-V	100	14	30	50		8 590 100 430	4061245018652

EJOT® facade anchor SDP-S-10G



Application range

- > For embedment of timber attachments in aerated concrete

Properties

- > Countersunk head
- > Facade anchor with two-stage screw
- > Reliable form-fit in the substrate thanks to combined expansion zones
- > High load-carrying capacity
- > Available with steel screws or stainless steel screws
- > Product identification through different sleeve colours

Note

For planning and processing, please observe approval ETA-12/0502.

Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit hexalobular TX	379
Flat roof profile FP	222

Online shop



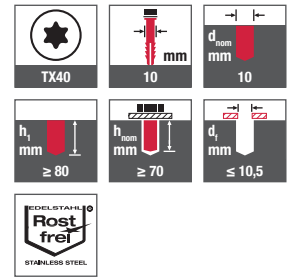
Characteristic loads

Compressive strength of aerated concrete [N/mm ²]	
Aerated concrete 2	0.75 kN
Aerated concrete 3	1.31 kN
Aerated concrete 4	1.87 kN
Aerated concrete 6	3.00 kN
Partial safety factor γ_{MAAC}	2.00
Characteristic bending moment	
Steel screw	17.7 Nm / γ_{Ms} 1.50
Stainless steel screw	20.6 Nm / γ_{Ms} 1.87

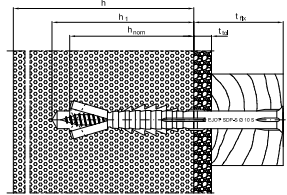
Applications



Technical data

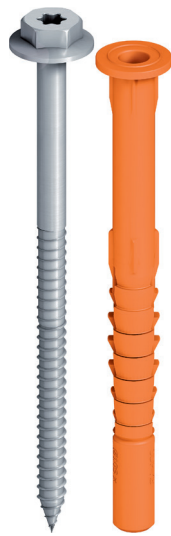


Certifications



Order description	Length [mm]	Diameter [mm]	Fastening thickness $t_{fix} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)							
SDP-S-10Gx80-V	80	10	10	100		8 530 080 420	4061245019468
SDP-S-10Gx100-V	100	10	30	50		8 530 100 420	4061245019444
SDP-S-10Gx120-V	120	10	50	50		8 530 120 420	4061245019420
SDP-S-10Gx140-V	140	10	70	50		8 530 140 420	4061245019406
SDP-S-10Gx160-V	160	10	90	50		8 530 160 420	4061245019383
SDP-S-10Gx180-V	180	10	110	50		8 530 180 420	4061245019369
SDP-S-10Gx200-V	200	10	130	50		8 530 200 420	4061245019345
SDP-S-10Gx220-V	220	10	150	50		8 530 220 420	4061245019321
Anchors with A4 stainless steel screws (-E)							
SDP-S-10Gx80-E	80	10	10	100		8 530 080 620	4061245019451
SDP-S-10Gx100-E	100	10	30	50		8 530 100 620	4061245019437
SDP-S-10Gx120-E	120	10	50	50		8 530 120 620	4061245019413
SDP-S-10Gx140-E	140	10	70	50		8 530 140 620	4061245019390
SDP-S-10Gx160-E	160	10	90	50		8 530 160 620	4061245019376
SDP-S-10Gx180-E	180	10	110	50		8 530 180 620	4061245019352
SDP-S-10Gx200-E	200	10	130	50		8 530 200 620	4061245019338
SDP-S-10Gx220-E	220	10	150	50		8 530 220 620	4061245019314

EJOT® facade anchor SDP-KB-10G



Application range

- > For embedment of metal components in aerated concrete

Properties

- > Hexagon head with flange
- > Facade anchor with two-stage screw
- > Reliable form-fit in the substrate thanks to combined expansion zones
- > High load-carrying capacity
- > Available with steel screws or stainless steel screws
- > Product identification through different sleeve colours

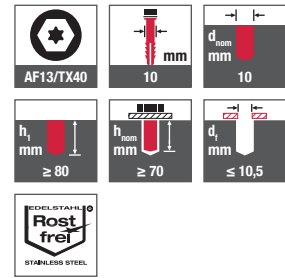
Note

For planning and processing, please observe approval ETA-12/0502.

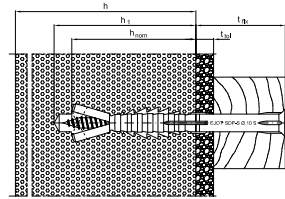
Applications



Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Corrosion protection spray	392
Hammer drill SDS plus	374
Cordless hammer drill	363
Socket wrench insert	381
Bit hexalobular TX	379

Characteristic loads	
Compressive strength of aerated concrete [N/mm²]	
Aerated concrete 2	0.75 kN
Aerated concrete 3	1.31 kN
Aerated concrete 4	1.87 kN
Aerated concrete 6	3.00 kN
Partial safety factor γ_{MAAC}	2.00
Characteristic bending moment	
Steel screw	17.7 Nm / γ_{Ms} 1.50
Stainless steel screw	20.6 Nm / γ_{Ms} 1.87

Online shop



Order description	Length [mm]	Diameter [mm]	Fastening thickness $t_{fix} \leq$ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with steel screws with zinc-plated Cr(VI)-free coating (-V)							
SDP-KB-10Gx80-V	80	10	10	100		8 532 080 420	4061245019307
SDP-KB-10Gx100-V	100	10	30	50		8 532 100 420	4061245019277
SDP-KB-10Gx120-V	120	10	50	50		8 532 120 420	4061245019246
SDP-KB-10Gx140-V	140	10	70	50		8 532 140 420	4061245019222
SDP-KB-10Gx160-V	160	10	90	50		8 532 160 420	4061245019208
SDP-KB-10Gx180-V	180	10	110	50		8 532 180 420	4061245019185
SDP-KB-10Gx200-V	200	10	130	50		8 532 200 420	4061245019161
SDP-KB-10Gx220-V	220	10	150	50		8 532 220 420	4061245019147
Anchors with A4 stainless steel screws (-E)							
SDP-KB-10Gx80-E	80	10	10	100		8 532 080 620	4061245019291
SDP-KB-10Gx100-E	100	10	30	50		8 532 100 620	4061245019260
SDP-KB-10Gx120-E	120	10	50	50		8 532 120 620	4061245019239
SDP-KB-10Gx140-E	140	10	70	50		8 532 140 620	4061245019215
SDP-KB-10Gx160-E	160	10	90	50		8 532 160 620	4061245019192
SDP-KB-10Gx180-E	180	10	110	50		8 532 180 620	4061245019178
SDP-KB-10Gx200-E	200	10	130	50		8 532 200 620	4061245019154
SDP-KB-10Gx220-E	220	10	150	50		8 532 220 620	4061245019130

EJOT® cavity wall repair anchor VSD



Application range

- > For fast and adhesive-free subsequent installation of curtain walls
- > For load-bearing shells made of concrete, solid brick and perforated brick

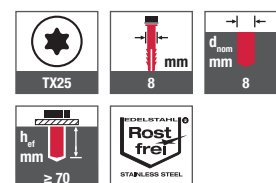
Properties

- > Building authorities-approved anchor for subsequent installation of curtain walls
- > Double expansion wall anchor: simultaneous embedment in load-bearing wall and curtain wall
- > Clean and fast installation (no mortar required)
- > Universal expansion zone: secure installation into concrete load-bearing shells, solid and perforated brick
- > The use of A4 stainless steel screws guarantees corrosion protection
- > 100% installation control
- > Temperature-independent installation
- > Can be installed at 0°C

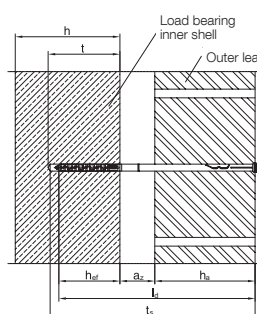
Note

The VSD cavity wall repair anchor enables the subsequent renovation of double-sheet masonry. Advanced corrosion or a complete lack of wire anchors can lead to decreased stability of the curtain wall and possibly cause considerable physical injury. In particular curtain walls made before 1979 should be subject to further inspection. When renovating the outer facade, the stability of the curtain wall must be verified. The EJOT® VSD is a particularly cost-effective solution for subsequent installation between load-bearing shell and curtain wall.

Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit hexalobular TX	379

Online shop



Order description	Length l_d [mm]	Diameter [mm]	Drill hole depth t_s ≥ [mm]	Distance a_z [mm]	Curtain wall h_a ≥ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with A4 stainless steel screws (-E)									
VSD-8Ux205-E	205	8	215	0 - 20	115	100		8 765 205 600	4061245010670
VSD-8Ux225-E	225	8	235	20 - 40	115	100		8 765 225 600	4061245010663
VSD-8Ux245-E	245	8	255	40 - 60	115	100		8 765 245 600	4061245010656
VSD-8Ux265-E	265	8	275	60 - 80	115	100		8 765 265 600	4061245010649
VSD-8Ux285-E	285	8	295	80 - 100	115	100		8 765 285 600	4061245010632
VSD-8Ux305-E	305	8	315	100 - 120	115	100		8 765 305 600	4061245010625

Nail anchor ND-K



Application range

Speed plug for light-duty fixings:

- > Substructures
- > Cabinets
- > Skirting boards
- > Battens
- > Cable ducts, cable clamps
- > Pipe supports

Properties

- > Ready-to-install nylon collar flange plug with nail made of zinc-plated steel (GVZ) / Stainless steel
- > Drive-in installation
- > Nail head with Pozidriv recess for removal or adjustment of the anchor
- > The plug collars serve as plastic insulating washers and thus prevent contact corrosion
- > GVZ for dry indoor areas

Technical data



Base materials

Suitable for

- > Non-cracked concrete
- > Bricks
- > Natural stone
- > Vertically perforated bricks

Cross references	page
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit cross recess	378

Type	Characteristic values				Recommended loads non-cracked concrete C20/25		Recommended loads Bricks f_b 20.5 N/mm ²	
	d_0 [mm]	d_f [mm]	h_{nom} [mm]	h_{ef} [mm]	N_{Rec} [kN]	V_{Rec} [kN]	N_{Rec} [kN]	V_{Rec} [kN]
5x 30	5	5.5	25	25	0.2	0.2	0.1	0.1
5x 40	5	5.5	30	30	0.2	0.2	0.1	0.1
5x 50	5	5.5	30	30	0.2	0.2	0.1	0.1
6x 40	6	6.5	30	30	0.4	0.4	0.2	0.2
6x 60	6	6.5	30	30	0.4	0.4	0.2	0.2
6x 80	6	6.5	30	30	0.4	0.4	0.2	0.2
8x 60	8	8.5	40	40	0.6	0.6	0.3	0.3
8x 80	8	8.5	40	40	0.6	0.6	0.3	0.3
8x 100	8	8.5	40	40	0.6	0.6	0.3	0.3

Online shop



Order description	L [mm]	d_0 [mm]	h_{tot} [mm]	t_{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with zinc-plated steel nail (GVZ)								
ND-K 5x 30 V	30	5	40	0-5	200		9 650 075 678	4061245002880
ND-K 5x 40 V	40	5	50	10	200		9 650 075 680	4061245002866
ND-K 5x 50 V	50	5	60	20	200		9 650 075 681	4061245002859
ND-K 6x 40 V	40	6	50	10	200		9 650 075 679	4061245002873
ND-K 6x 60 V	60	6	70	30	200		9 650 075 682	4061245002842
ND-K 6x 80 V	80	6	90	50	100		9 650 075 683	4061245002835
ND-K 8x 60 V	60	8	70	20	100		9 650 075 684	4061245002828
ND-K 8x 80 V	80	8	90	40	100		9 650 075 685	4061245002811
ND-K 8x 100 V	100	8	110	60	100		9 650 075 686	4061245002804
Anchors with stainless steel nail								
ND-K 5/30 E	30	5	40	0-5	200		9 650 075 691	4061245002798
ND-K 6/40 E	40	6	50	10	200		9 650 075 692	4061245002781
ND-K 6/80 E	80	6	90	50	100		9 650 075 693	4061245002774
ND-K 8/80 E	80	8	90	40	100		9 650 075 694	4061245002767

EJOT® Nail anchor ND-S



Cross references	page
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit cross recess	378

Application range

Speed plug for light-duty fixings:

- > Substructures
- > Cabinets
- > Skirting boards
- > Battens
- > Cable racks
- > Cable clamps
- > Pipe supports

Properties

- > Ready-to-install nylon countersunk plug with nail made of zinc-plated steel (GVZ)
- > Drive-in installation
- > Nail screw head with Pozidriv recess for the removal or adjustment of the anchor
- > GVZ for dry indoor areas

Technical data



Base materials

- Suitable for
- > Non-cracked concrete
 - > Bricks
 - > Natural stone
 - > Vertically perforated bricks

Type	Characteristic values				Recommended loads non-cracked concrete C20/25		Recommended loads Bricks f_b 20.5 N/mm ²	
	d_0 [mm]	d_t [mm]	h_{nom} [mm]	h_{ef} [mm]	N_{Rec} [kN]	V_{Rec} [kN]	N_{Rec} [kN]	V_{Rec} [kN]
5x 30	5	5.5	25	25	0.2	0.2	0.1	0.1
5x 40	5	5.5	30	30	0.2	0.2	0.1	0.1
5x 50	5	5.5	30	30	0.2	0.2	0.1	0.1
6x 40	6	6.5	30	30	0.4	0.4	0.2	0.2
6x 60	6	6.5	30	30	0.4	0.4	0.2	0.2
6x 80	6	6.5	30	30	0.4	0.4	0.2	0.2
8x 60	8	8.5	40	40	0.6	0.6	0.3	0.3
8x 80	8	8.5	40	40	0.6	0.6	0.3	0.3
8x 100	8	8.5	40	40	0.6	0.6	0.3	0.3
8x 120	8	8.5	40	40	0.6	0.6	0.3	0.3
8x 140	8	8.5	40	40	0.6	0.6	0.3	0.3
8x 160	8	8.5	40	40	0.6	0.6	0.3	0.3

Order description	L [mm]	d_0 [mm]	h_{tot} [mm]	t_{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Anchors with zinc-plated steel nail								
ND-S 5x 30 V	30	5	40	0-5	200		9 650 075 658	4061245002965
ND-S 5x 50 V	50	5	60	20	200		9 650 075 659	4061245002958
ND-S 6x 40 V	40	6	50	10	200		9 650 075 660	4061245002941
ND-S-6x 60 V	60	6	70	30	200		9 650 075 661	4061245002934
ND-S-6x 80 V	80	6	90	50	100		9 650 075 662	4061245002927
ND-S 8x 60 V	60	8	70	20	100		9 650 075 665	4061245002897
ND-S-8x 80 V	80	8	90	40	100		9 650 075 663	4061245002910
ND-S 8x 100 V	100	8	110	60	100		9 650 075 664	4061245002903
ND-S 8x 120 V	120	5	40	0-5	100		9 650 075 610	4061245003115
ND-S 8x 140 V	140	6	50	10	100		9 650 075 611	4061245003108
ND-S 8x 160 V	160	6	90	50	100		9 650 075 612	4061245003092

EJOT® Iso-Dart



Application range

For retrofitting of light to medium heavy attachments to ETICS facades made of EPS, mineral wool and mineral foam, such as:

- > Downpipe brackets
- > Folding shutter latch
- > Signs and billboards
- > Lamps

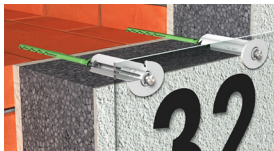
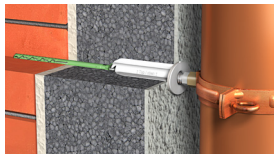
Properties

- > Installation bush made of glass-fibre-reinforced plastic including a high-quality EPDM sealing washer and an EJOT facade anchor (Ø 8 mm)
- > Attachments are fastened with common hanger bolts or coarse thread screws
- > Common assembly tool
- > Recommended service load for each fixing point max. 15 kg

Benefits

- > High load-bearing capacity through load extension into the substrate
- > Reduced thermal transmission by thermal decoupling – Chi value 0.002 W/K according to TR 025
- > Waterproofing against the plaster shell with high-quality EPDM seal - Inspection of the resistance to driving rain in accordance with DIN EN 12155
- > Easy and quick installation

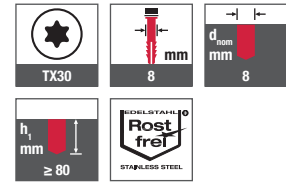
Cross references	page
Hammer drill SDS plus	374
Cordless hammer drill	363
Bit hexalobular TX	379



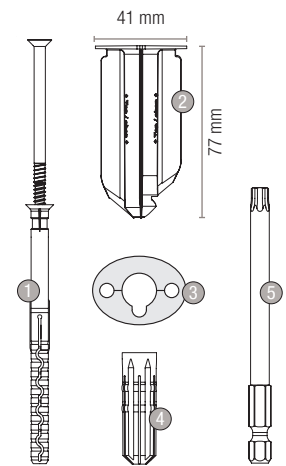
Technical data

Processing in installation bush	
Coarse thread screws	Ø 9 mm
Hanger bolts	Ø 9 mm, M10
Minimum installation depth	40 mm
Processing in installation bush + reduction insert	
Coarse thread screws	Ø 5 mm / Ø 6 mm
Minimum installation depth	35 mm

Technical data



Certifications



Included in delivery

- 10 EJOT facade anchors (1)
- 10 installation bushes (2)
- 10 seals (3)
- 10 reduction inserts (4)
- 1 installation bit (5)

Recommended service loads

Substrate	Raw density class ρ [kg/dm ³]	Minimum compressive strength f_c [N/mm ²]	Axial tensile strength ¹⁾ [kN]	Shear resistance [kN]
Concrete \geq C12/15	-	-	0.30	0.15
Solid clay brick	\geq 1.8	12	0.30	0.15
Solid sand-lime brick	\geq 1.8	12	0.30	0.15
Solid masonry of lightweight concrete	\geq 0.5	4	0.25	0.15
Vertically perforated bricks	\geq 0.9	12	0.25	0.15
Perforated sand-lime brick	\geq 1.6	12	0.25	0.15
Lightweight concrete hollow blocks	\geq 0.5	2	0.15	0.15
Aerated concrete	\geq 0.5	4	0.20	0.15
Chipboard and OSB boards, $d \geq$ 18 mm	-	-	0.20	0.10
Solid construction timber (KVH), $d \geq$ 60mm	-	-	0.30	0.15

Details apply for the shear force transmission immediately after the bush. ¹⁾When using the reduction insert the axial force is limited to max. 0.2 kN.

Application matrix

Insulation thickness [mm]	Concrete and masonry ¹⁾	Solid wood ²⁾	Timber composite plates ²⁾ (OSB, wood chipboard d≥18 mm)
80	EJOT Iso-Dart 80	-	-
100	EJOT Iso-Dart 100	-	-
120	EJOT Iso-Dart 120	EJOT Iso-Dart 100	EJOT Iso-Dart 80
140	EJOT Iso-Dart 140	EJOT Iso-Dart 120	EJOT Iso-Dart 100
160	EJOT Iso-Dart 160	EJOT Iso-Dart 140	EJOT Iso-Dart 120
180	EJOT Iso-Dart 180	EJOT Iso-Dart 160	EJOT Iso-Dart 140
200	EJOT Iso-Dart 200	EJOT Iso-Dart 180	EJOT Iso-Dart 160
220	EJOT Iso-Dart 220	EJOT Iso-Dart 200	EJOT Iso-Dart 180
240	EJOT Iso-Dart 240	EJOT Iso-Dart 220	EJOT Iso-Dart 200
260	EJOT Iso-Dart 260	EJOT Iso-Dart 240	EJOT Iso-Dart 220
280	EJOT Iso-Dart 280	EJOT Iso-Dart 260	EJOT Iso-Dart 240
300	-	EJOT Iso-Dart 280	EJOT Iso-Dart 260
320	-	-	EJOT Iso-Dart 280

¹⁾ Tolerance compensation up to 30 mm. ²⁾ Using the screw without anchor sleeve - only pre-drill up to the substrate

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
EJOT Iso-Dart 80	10		8 500 080 440	4039161012771
EJOT Iso-Dart 100	10		8 500 100 440	4039161012788
EJOT Iso-Dart 120	10		8 500 120 440	4039161012795
EJOT Iso-Dart 140	10		8 500 140 440	4039161012801
EJOT Iso-Dart 160	10		8 500 160 440	4039161012818
EJOT Iso-Dart 180	10		8 500 180 440	4039161012825
EJOT Iso-Dart 200	10		8 500 200 440	4039161012832
EJOT Iso-Dart 220	10		8 500 220 440	4039161012849
EJOT Iso-Dart 240	10		8 500 240 440	4039161012856
EJOT Iso-Dart 260	10		8 500 260 440	4039161012863
EJOT Iso-Dart 280	10		8 500 280 440	4039161013273

Order information: Product not available in the online shop.

EJOT® insulation support anchor DH



Cross references	page
Installation point	264
Tool belt	387
Hammer drill SDS plus	374
Cordless hammer drill	363

Application range

- > For fixing insulating material in the rear-ventilated facade (VHF) to all substrates

Properties

- > Requirement: 5 pcs. per m²
- > Easy installation with no additional expansion element
- > Parts can be positioned freely on the shaft
- > All-purpose for all building materials

Benefits

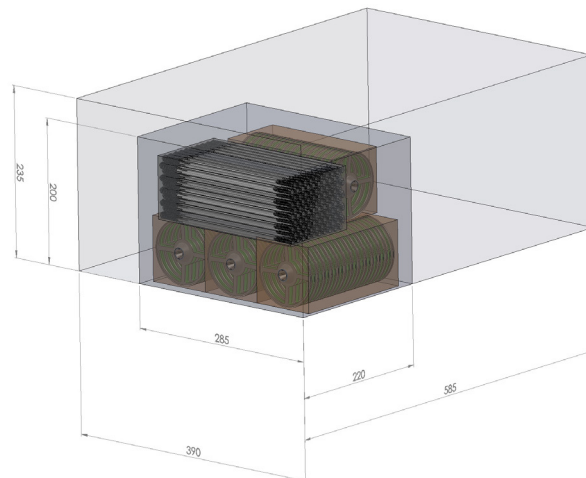
- > Prevents "quilt effect" (indentations in the insulation) due to retrofitting of the washer
- > Prevents gapping of the joints between the individual insulating panels at the joining edges
- > Packing and handling volume is reduced by over 60% compared to one-part insulation support anchors
- > Installation depth limiter guarantees defined installation, independent of the substrate
- > Process reliable installation even with thick insulation boards

Note

For the installation of two-ply insulation, additional stress plates are required. The practicability depends on the respective insulation properties and needs to be tested on site. Rotary hole drilling is obligatory in aerated concrete and perforated brick masonry.

Characteristic values

Point thermal transmittance χ	0.0001 W/K
Carrying capacity (pull over washer)	0.2 kN

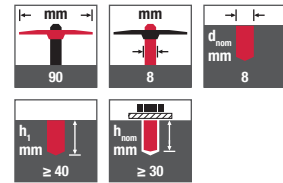


Packing and handling volume is reduced by over 60% compared to one-part insulation support anchors

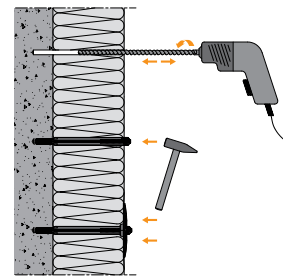
Applications



Technical data



Certifications



Wall embedment

Single-ply insulation

Online shop



Order description	Insulation thickness ≤ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Washer only					
Washer DH	-	300		8 550 090 999	4061245011592
Shaft only					
Shaft DH 60	60	300		8 550 060 999	4061245011622
Shaft DH 80	80	300		8 550 080 999	4061245011608
Shaft DH 100	100	300		8 550 100 999	4061245011578
Shaft DH 120	120	300		8 550 120 999	4061245011554
Shaft DH 140	140	300		8 550 140 999	4061245011530
Shaft DH 160	160	300		8 550 160 999	4061245011516
Shaft DH 180	180	300		8 550 180 999	4061245011493
Shaft DH 200	200	300		8 550 200 999	4061245011479
Shaft DH 220	220	300		8 550 220 999	4061245011455
Shaft DH 240	240	300		8 550 240 999	4061245011431
Shaft DH 260	260	300		8 550 260 999	4061245011417
Shaft DH 280	280	300		8 550 280 999	4061245011394
Shaft DH 300	300	300		8 550 300 999	4061245011370

Online shop



Order description	Insulation thickness ≤ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
One-part insulation support anchor					
DH-40	40	300		8 551 906 009	4061245011363

Online shop



Order description	Insulation thickness ≤ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Set, comprised of washer and shaft					
Set DH-60	60	300		8 550 060 009	4061245011639
Set DH-80	80	300		8 550 080 009	4061245011615
Set DH-100	100	300		8 550 100 009	4061245011585
Set DH-120	120	300		8 550 120 009	4061245011561
Set DH-140	140	300		8 550 140 009	4061245011547
Set DH-160	160	300		8 550 160 009	4061245011523
Set DH-180	180	300		8 550 180 009	4061245011509
Set DH-200	200	300		8 550 200 009	4061245011486
Set DH-220	220	300		8 550 220 009	4061245011462
Set DH-240	240	300		8 550 240 009	4061245011448
Set DH-260	260	300		8 550 260 009	4061245011424
Set DH-280	280	300		8 550 280 009	4061245011400
Set DH-300	300	300		8 550 300 009	4061245011387

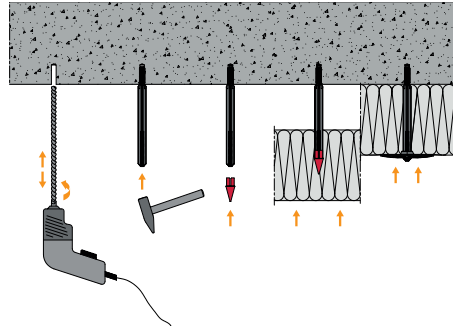


EJOT® installation point



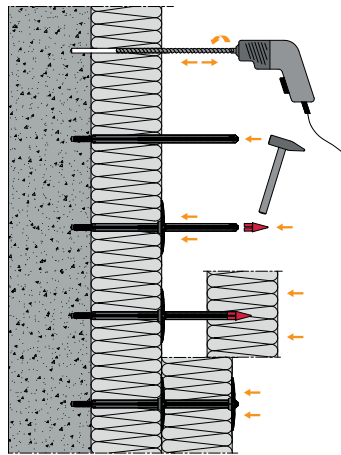
Application range

- > Installation tool for ceiling insulation, lintels and split-mould insulation
- > Attaches to the DH insulation support anchor



Ceiling embedment

Single-ply insulation with installation point



Wall embedment

Two-ply insulation with installation point

Cross references	page
Insulation support anchor DH	262
Tool belt	387

Online shop



Order description	PU [pieces]	Price/100 [EUR]	Article number	EAN
Installation point for DH	10		8 550 000 031	4061245011646

EJOT® metal insulation support anchor DMH



Cross references	page
Metal insulation stress plate	267
Hammer drill SDS plus	374
Tool belt	387

Application range

- > For fixing hard insulation materials
- > In combination with the EJOT® DMT metal insulation stress plate also for fixing soft insulation materials
- > For fixing insulation materials for high fire protection requirements

Properties

- > Easy installation by driving in, self-expanding
- > Easy to install
- > Fire performance class A1: non-combustible according to DIN EN 13501-1:2010-01 (test certificate no. PZ 3.1/17-226-1)

Note

The EJOT® insulation support anchors are used to fasten soft and hard insulating material in rear ventilated facades. The insulation board fastening is carried-out according to DIN 18516-1. Rotary hole drilling is obligatory in aerated concrete and perforated brick masonry.

For the usage in non-accessible areas of rear-ventilated facades, we recommend the metal insulation support anchor made of stainless steel.

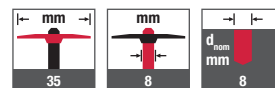
Characteristic values

Axial distance $a \geq$	120 mm
Edge distance $a_e \geq$	60 mm
Minimum component thickness h_{min}	80 mm
Recommended tensile loads F_{rec}	
Concrete \geq B25	0.20 kN
Solid sand-lime brick	0.20 kN
Bricks	0.20 kN
Vertically perforated bricks	0.05 kN
Perforated sand-lime brick	0.05 kN
Recommended transverse loads F_{rec}	
Concrete \geq B25	0.25 kN
Solid sand-lime brick	0.25 kN
Bricks	0.25 kN
Vertically perforated bricks	0.10 kN
Perforated sand-lime brick	0.15 kN

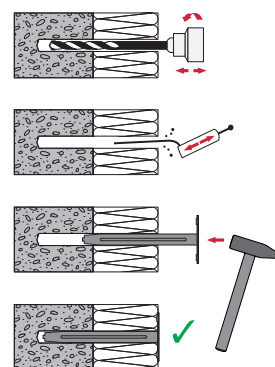
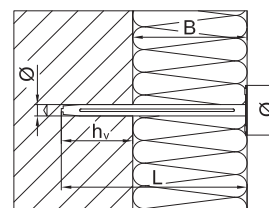
Applications



Technical data



Certifications

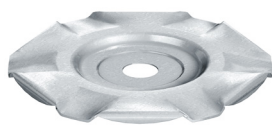


Online shop



Order description	Length L [mm]	Insulation thickness B ≤ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Alu-zinc steel						
DMH-8x80-V	80	40	250		9 800 030 301	4061245061528
DMH-8x110-V	110	70	250		9 800 030 602	4061245061801
DMH-8x140-V	140	100	250		9 800 030 603	4061245061818
DMH-8x170-V	170	130	250		9 800 030 912	4061245061825
DMH-8x200-V	200	160	250		9 800 031 215	4061245061832
DMH-8x250-V	250	210	200		9 800 031 520	4061245061535
DMH-8x300-V	300	260	200		9 800 031 300	4061245061849
A2 stainless steel						
DMH-8x80-E	80	40	250		9 800 030 302	4061245061542
DMH-8x110-E	110	70	250		9 800 033 603	4061245061559
DMH-8x140-E	140	100	250		9 800 036 904	4061245061856
DMH-8x170-E	170	130	250		9 800 035 912	4061245061863
DMH-8x200-E	200	160	250		9 800 035 215	4061245061566
DMH-8x250-E	250	210	200		9 800 035 520	4061245061573
DMH-8x300-E	300	260	200		9 800 035 300	4061245061580

EJOT® metal insulation stress plate DMT



Cross references **page**

Metal insulation support anchor 265
Tool belt 387

Application range

- > For fastening soft insulating materials in combination with the EJOT DMH metal insulation support anchor
- > For fixing soft insulating materials for high fire protection requirements

Properties

- > Fire performance class A1: non-combustible according to DIN EN 13501-1:2010-01 (test certificate no. PZ 3.1/17-226-1)

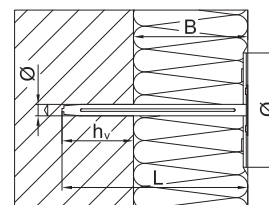
Applications



Technical data



Certifications



Online shop



Order description	Diameter [mm]	PU [mm]	Price/100 [pieces]	Article number	EAN
Alu-zinc steel					
DMT-80-V	80	250		9 800 030 156	4061245061870
A2 stainless steel					
DMT-80-E	80	250		9 800 030 157	4061245010229

EJOT® DDS insulation screw for direct installation into concrete



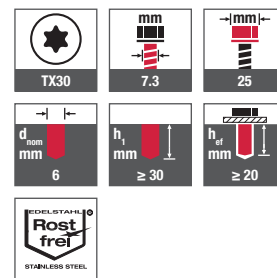
Application range

- > For fastening ceiling insulation and acoustic insulation into concrete substrates
- > Particularly suitable for multi-layer boards with magnesite- or cement-bonded wood wool
- > Top layer with EPS or mineral wool core

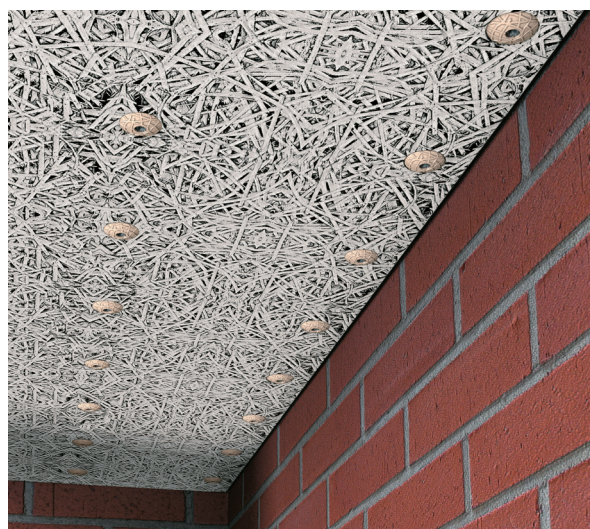
Properties

- > Easy installation: drill, fasten, done!
- > Small embedment depth
- > Injection-moulded screw heads with wood wool structure in beige or white for visually unobtrusive fastening

Technical data



Cross references	page
Ceiling insulation washer DDT	269
Bit hexalobular TX	379
Cordless hammer drill	363



Online shop



Order description	Length [mm]	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Colour white						
EJOT DDS 7.3x50 white	50	7.3	100		8 419 050 740	4039161004882
EJOT DDS 7.3x75 white	75	7.3	100		8 419 075 740	4039161005407
EJOT DDS 7.3x85 white	85	7.3	100		8 419 085 740	4039161005414
EJOT DDS 7.3x100 white	100	7.3	100		8 419 100 740	4039161005421
EJOT DDS 7.3x125 white	125	7.3	100		8 419 125 740	4039161005438
EJOT DDS 7.3x150 white	150	7.3	100		8 419 150 740	4039161005452
EJOT DDS 7.3x175 white	175	7.3	100		8 419 175 740	4039161005469
EJOT DDS 7.3x200 white	200	7.3	100		8 419 200 740	4039161005476
Colour beige						
EJOT DDS 7.3x50 beige	50	7.3	100		8 419 050 780	7612336177955
EJOT DDS 7.3x75 beige	75	7.3	100		8 419 075 780	7612336177962
EJOT DDS 7.3x85 beige	85	7.3	100		8 419 085 780	7612336177979
EJOT DDS 7.3x100 beige	100	7.3	100		8 419 100 780	7612336177986
EJOT DDS 7.3x125 beige	125	7.3	100		8 419 125 780	7612336001410
EJOT DDS 7.3x150 beige	150	7.3	100		8 419 150 780	7612336177993
EJOT DDS 7.3x175 beige	175	7.3	100		8 419 175 780	7612336178006
EJOT DDS 7.3x200 beige	200	7.3	100		8 419 200 780	7612336178013

EJOT® ceiling insulation washer DDT



Application range

- > In combination with EJOT DDS insulation screw for direct assembly into concrete to increase the plate diameter for soft insulation materials

Technical data



Cross references page

Insulation screw for direct installation into concrete DDS 268

Online shop



Order description	Diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOT DDT 70 mill finish	70	100		8 721 070 700	4039161006978



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



GRIPPER all wall plug



Application range

- > For pre-positioned installation in boards, cavity and solid walls as well as in any other construction material

Application examples

- > Hand rails
- > Wall attachment of cabinets
- > Ceiling lights
- > Storage racks
- > Bookcases
- > Mounting televisions
- > Heating bodies
- > Wash basins
- > Urinals
- > Electrical installations
- > Attachment of HVAC and sanitary equipment
- > Attachment of sanitary equipment

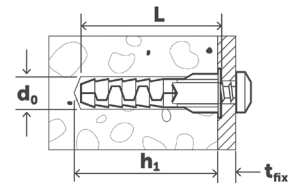
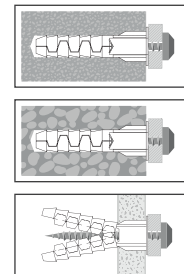
Properties

- > Anchor made of thermoplastic elastomer - the material adapts to the surface of the drill hole, while the non-slip GripEdge surface and the screws ensure secure mechanical embedment
- > GRIPPER surpasses normal anchors in its power of resistance against long-term stress, wear, weather conditions, moisture and storage
- > Can be used with all popular types and diameters of screws
- > The special collar keeps the anchor at the optimal installation depth and also remains covered by the screw head

Base materials

- Suitable for
- > Cinder blocks
 - > Plasterboard
 - > High-strength plasterboard
 - > Hollow expanded clay bricks
 - > Pre-stressed hollow core slab
 - > Natural stone
 - > Non-cracked concrete
 - > Vertically perforated bricks
 - > Hollow brick sandstone
 - > Bricks
 - > Expanded clay aggregate concrete solid brick
 - > Solid brick sandstone

Applications

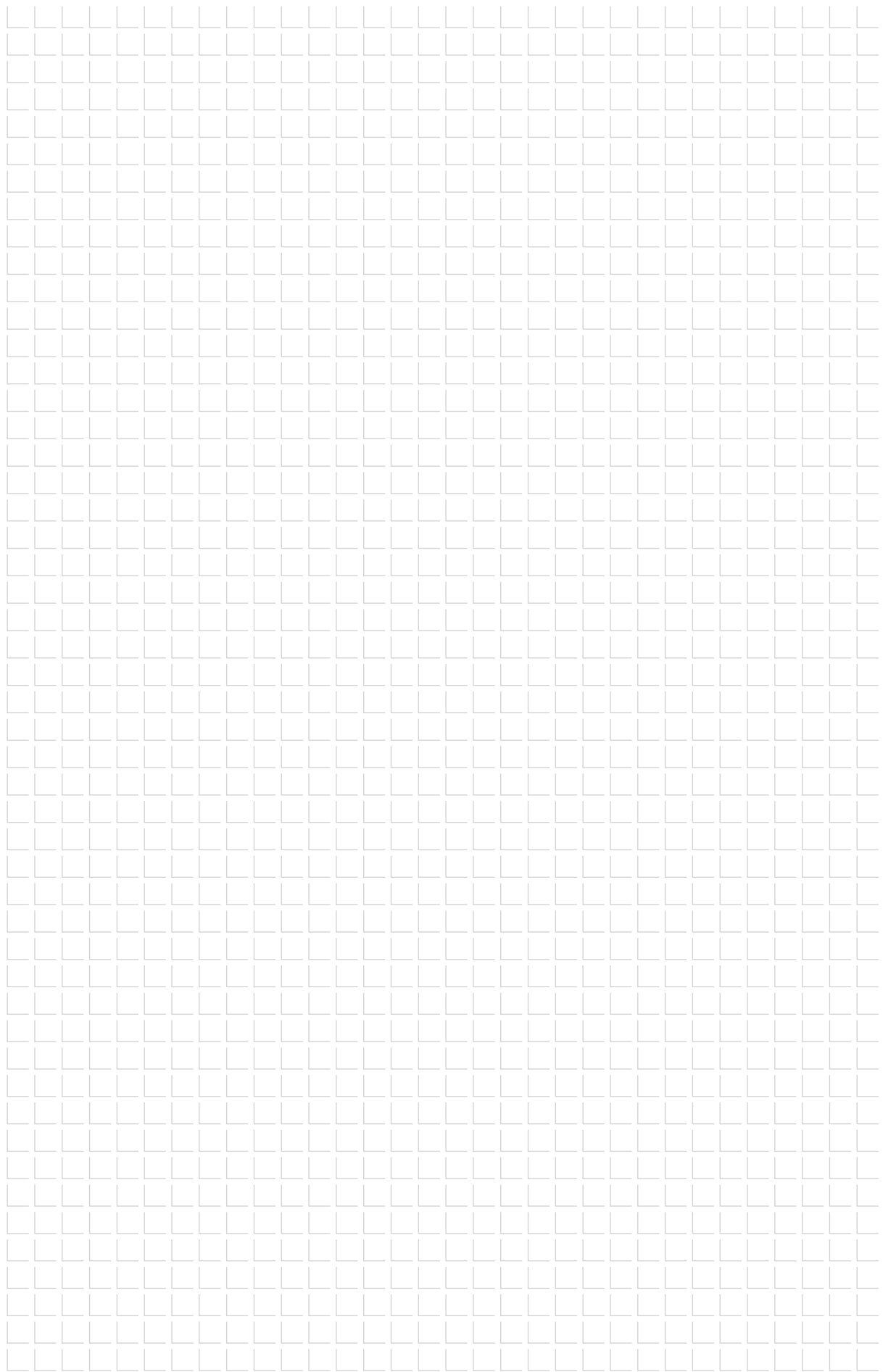


Online shop



Appropriate screws	Diameter [mm]	Length [mm]
GRIPPER 6	4- 5.5	32 + t _{fix}
GRIPPER 8	4.5-6	38 + t _{fix}
GRIPPER 10	4.5-7	45 + t _{fix}

Order description	L [mm]	d ₀ [mm]	h ₁ ≥ [mm]	t _{sheet, min} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Gripper 6 all wall plug	32	6	38	8	100		9 650 075 232	4061245003146
Gripper 8 all wall plug	38	8	44	12	50		9 650 075 234	4061245003139
Gripper 10 all wall plug	45	10	50	12	50		9 650 075 236	4061245003122





Metal and Chemical Anchors

Metal anchors and chemical anchors

Overview of Metal and Chemical Anchors



Through bolts
from page 276



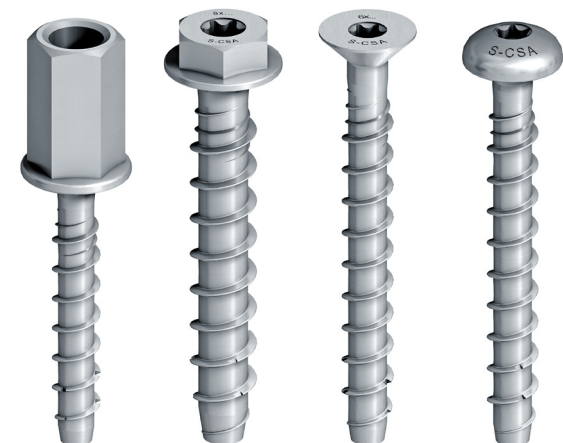
LIEBIG self-undercutting anchors
from page 289



LIEBIG safety bolts
from page 282



Chemical anchors
from page 298



Concrete screws
from page 308



Drop-in anchors
from page 307



Ceiling nail
page 305

- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors**
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools

Anchor selection guide

Anchor type	Product	Mode of action			ETA	Base material		
		Form-fit	Friction lock	Adhesive bond		Cracked concrete ETAG-001-1 (individual attachment)	Cracked concrete ETAG-001-6 (multiple fastening)	Non-cracked concrete
Expansion anchor	 Through bolt BA-V Plus		•		ETA-18/0219	M8 - M16		M8 - M16
	 Through bolt BA-F Plus		•		ETA-18/0219	M8 - M16		M8 - M16
	 Through bolt BA-E Plus		•		ETA-18/0219	M8 - M16		M8 - M16
	 LIEBIG safety bolt B		•		ETA-06/0108	M6 - M16		M6 - M16
	 LIEBIG safety bolt S		•		ETA-06/0108	M6 - M16		M6 - M16
	 LIEBIG safety bolt SK		•		ETA-06/0108	M6 - M16		M6 - M16
	 Drop-in anchor LA+		•		ETA-13/0441 ETA-13/0442		M6 - M10	M8 - M16
	 Drop-in anchor LAL+		•		ETA-13/0441 ETA-13/0442		M6 - M10	M8 - M16
Undercut anchor	 LIEBIG self-undercutting anchor SUPERPLUS BLS	•			ETA-01/0011	M8 - M16		M8 - M16
	 LIEBIG self-undercutting anchor SUPERPLUS BLS A4	•			ETA-01/0011	M8 - M16		M8 - M16
	 LIEBIG self-undercutting anchor SUPERPLUS SLS A4	•			ETA-01/0011	M8 - M16		M8 - M16
	 LIEBIG self-undercutting anchor SUPERPLUS SKLS A4	•			ETA-01/0011	M8 - M16		M8 - M16
	 LIEBIG self-undercutting anchor SUPERPLUS BLS-P	•			ETA-01/0011	M8 - M16		M8 - M16
	 LIEBIG self-undercutting anchor SUPERPLUS ILS	•				M8 (no ETA)		M8 (no ETA)
	 LIEBIG lightning protection anchor SUPERPLUS BLS M8-14 A4	•				(M8)		(M8)
	 LIEBIG step iron anchor SUPERPLUS A4	•			ETA-01/0011	M8		M8
	 Concrete screw JC2-KB	•			ETA-17/0835 ETA-18/0221	Ø 6 - 10 mm	Ø 6 mm	Ø 6 - 10 mm
	 Concrete screw JC2-ST	•			ETA-17/0835 ETA-18/0221	Ø 6 - 10 mm	Ø 6 mm	Ø 6 - 10 mm
	 Concrete screw JC2-IT	•			ETA-17/0835 ETA-18/0221	Ø 6 - 10 mm	Ø 6 mm	Ø 6 - 10 mm
	 Concrete screw JC2-FR	•			ETA-17/0835 ETA-18/0221	Ø 6 - 10 mm	Ø 6 mm	Ø 6 - 10 mm
	Composite anchors	 Mortar cartridge Multifix USF			•	ETA-16/0107 ETA-16/0089 ETA-18/0861	M8 - M30 Ø 8 - 32 mm	
 Mortar cartridge Multifix USF winter				•	ETA-16/0107 ETA-16/0089 ETA-18/0861	M8 - M30 Ø 8 - 32 mm		M8 - M30 Ø 8 - 32 mm

Base material		Material					Suitability			Type of load		Load range	
Hollow masonry	Solid masonry	Galvanized zinc-plated steel	Hot dip zinc plated steel	Reinforcing bar	A4 stainless steel	Stainless steel HCR	Earthquakes	Fire protection	Civil protection	static	extraordinary	permitted tensile load [kN]	permitted transverse load [kN]
		•					C1/C2	•	•	•		4.0 - 17.1	7.2 - 30.9
			•					•	•	•		4.0 - 17.1	7.2 - 30.9
					•		C1/C2	•	•	•		4.0 - 17.1	9.0 - 39.2
		•						•	•	•		2.4 - 24.0	8.6 - 54.9
		•						•	•	•		2.4 - 24.0	8.6 - 54.9
		•						•	•	•		2.4 - 24.0	8.6 - 54.9
		•						•		•		1.8 - 4.8	1.8 - 4.5
		•						•		•		1.8 - 4.8	1.8 - 4.5
		•					C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4
					•		C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4
					•		C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4
					•		C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4
		•					C1/C2	•	•	•	•	4.3 - 83.7	23.7 - 67.4
		•								•		4.3 - 83.7 (no ETA)	23.7 - 67.4 (no ETA)
					•								
					•			•	•	•		4.3 - 83.7	23.7 - 67.4
		•						•		•		1.4 - 10.5	3.1 - 16.6
		•						•		•		1.4 - 10.5	3.1 - 16.6
		•						•		•		1.4 - 10.5	3.1 - 16.6
		•						•		•		1.4 - 10.5	3.1 - 16.6
M8 - M16	M8 - M16	•	•	•	•	•	C1	•			•	4.0 - 200.0	7.0 - 112.0
M8 - M16	M8 - M16	•	•	•	•	•	C1	•			•	4.0 - 200.0	7.0 - 112.0

EJOT® through bolt BA-V Plus



Application range

- > For embedment in cracked and non-cracked concrete \geq C20/25
- > Also suitable for natural stone
- > Dry indoor areas
- > For embedment of medium heavy to heavy fixings such as pillars, metal structures and wooden structures
- > For pre-, push-through and distance installations

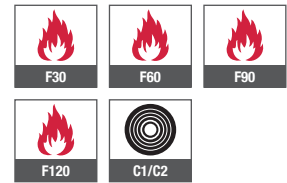
Properties

- > Galvanized zinc-plated steel
- > Approval for concrete, option 1
- > Fire resistance classes F30, F60, F90, F120

Applications



Technical data

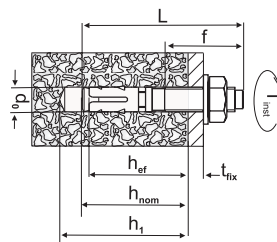


Cross references

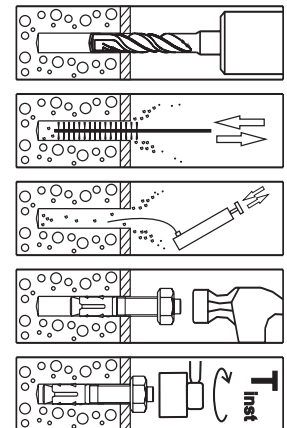
Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Note

Characteristic values apply to the compression strength of C20/25 concrete. Design load of an anchor for centric tension in cracked concrete.



Certifications



Anchor type	Effective embedment depth h_{ef} [mm]	Permitted load F_{zul} [kN]	Centre distance [mm]			Edge distance [mm]			Permitted bending moment M_{zul} [Nm]	Seismic performance category	Tightening torque T_{inst} [Nm]
			$S_{cr,N}$	S_{min}	C	$C_{cr,N}$	C_{min}	S			
BA-V Plus 8	48	4.1	144	35	50	72	40	55	15.0	C1	15
	40	4.3	120	50	95	60	50	190	28.6		30
BA-V Plus 10	60	5.7	180	40	60	90	50	100	28.6	C2	30
	50	6.1	150	55	110	75	60	215	49.1		60
BA-V Plus 12	70	7.6	210	60	70	105	55	110	49.1	60	
	85	11.4	254	65	95	127	65	150	122.7	110	

Online shop



Order description	d ₀ [mm]	L [mm]	t _{fix} ≤ [mm]	h ₁ ≥ [mm]	h _{ef} ≥ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
BA-V Plus 8/10	8	75	10	60	48	50		9 650 001 310	4061245037004
BA-V Plus 8/30	8	95	30	60	48	50		9 650 001 312	4061245037011
BA-V Plus 8/50	8	115	50	60	48	40		9 650 001 314	4061245037028
BA-V Plus 8/85	8	150	85	60	48	40		9 650 001 316	4061245037035
BA-V Plus 10/10/-	10	72	10	55	40	40		9 650 001 323	4061245037042
BA-V Plus 10/30/10	10	92	30/10	55/75	40/60	40		9 650 001 325	4061245037059
BA-V Plus 10/40/20	10	102	40/20	55/75	40/60	25		9 650 001 326	4061245037066
BA-V Plus 10/50/30	10	112	50/30	55/75	40/60	25		9 650 001 327	4061245037073
BA-V Plus 10/70/50	10	132	70/50	55/75	40/60	25		9 650 001 329	4061245037080
BA-V Plus 10/100/80	10	162	100/80	55/75	40/60	25		9 650 001 331	4061245037097
BA-V Plus 12/10/-	12	88	10	70	50	20		9 650 001 338	4061245037103
BA-V Plus 12/25/5	12	103	25/5	70/90	50/70	20		9 650 001 340	4061245037110
BA-V Plus 12/40/20	12	118	40/20	70/90	50/70	20		9 650 001 342	4061245037127
BA-V Plus 12/50/30	12	128	50/30	70/90	50/70	20		9 650 001 343	4061245037134
BA-V Plus 12/70/50	12	148	70/50	70/90	50/70	20		9 650 001 345	4061245037141
BA-V Plus 12/85/65	12	163	85/65	70/90	50/70	20		9 650 001 346	4061245037158
BA-V Plus 12/100/80	12	178	100/80	70/90	50/70	20		9 650 001 347	4061245037165
BA-V Plus 16/5	16	123	5	110	85	10		9 650 001 357	4061245038919
BA-V Plus 16/20	16	138	20	110	85	10		9 650 001 359	4061245038902
BA-V Plus 16/50	16	168	50	110	85	10		9 650 001 362	4061245038926
BA-V Plus 16/60	16	178	60	110	85	10		9 650 001 363	4061245038933

EJOT® through bolt BA-F Plus



Application range

- > For embedment in cracked and non-cracked concrete \geq C20/25
- > Also suitable for natural stone
- > Dry indoor areas
- > For embedment of medium heavy to heavy fixings such as pillars, metal structures and wooden structures
- > For pre-, push-through and distance installations

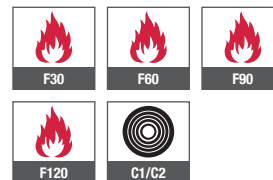
Properties

- > Steel, hot dip galvanized
- > Approval for concrete, option 1
- > Fire resistance classes F30, F60, F90, F120
- > For increased corrosion protection

Applications



Technical data



Certifications

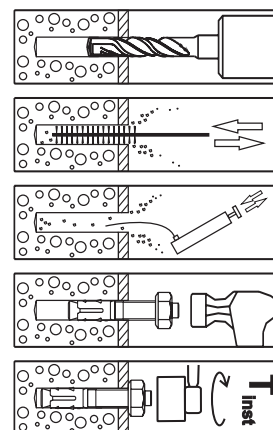
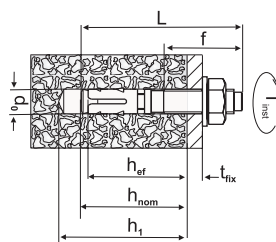


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Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Note

Characteristic values apply to the compression strength of C20/25 concrete. Design load of an anchor for centric tension in cracked concrete.



Anchor type	Effective embedment depth h_{ef} [mm]	Permitted load F_{zul} [kN]	Centre distance [mm]			Edge distance [mm]			Permitted bending moment M_{zul} [Nm]	Seismic performance category	Tightening torque T_{inst} [Nm]
			$S_{cr,N}$	S_{min}	C	$C_{cr,N}$	C_{min}	S			
BA-F Plus 8	48	4.1	144	35	50	72	40	55	15.0	none	15
	40	4.3	120	50	95	60	50	190	28.6		30
BA-F Plus 10	60	5.7	180	40	60	90	50	100	28.6		30
	50	6.1	150	55	110	75	60	215	49.1		60
BA-F Plus 12	70	7.6	210	60	70	105	55	110	49.1		60
	85	11.4	254	65	95	127	65	150	122.7		110

Online shop



Order description	d ₀ [mm]	L [mm]	t _{fix} ≤ [mm]	h ₁ ≥ [mm]	h _{ef} ≥ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
BA-F Plus 8/10	8	75	10	60	48	50		9 650 003 310	4061245037172
BA-F Plus 8/30	8	95	30	60	48	50		9 650 003 312	4061245037189
BA-F Plus 8/50	8	115	50	60	48	40		9 650 003 314	4061245037196
BA-F Plus 8/85	8	150	85	60	48	40		9 650 003 316	4061245037202
BA-F Plus 10/10/-	10	72	10	55	40	40		9 650 003 323	4061245037219
BA-F Plus 10/30/10	10	92	30/10	55/75	40/60	40		9 650 003 325	4061245037226
BA-F Plus 10/40/20	10	102	40/20	55/75	40/60	25		9 650 003 326	4061245037233
BA-F Plus 10/50/30	10	112	50/30	55/75	40/60	25		9 650 003 327	4061245037240
BA-F Plus 10/70/50	10	132	70/50	55/75	40/60	25		9 650 003 329	4061245037257
BA-F Plus 10/100/80	10	162	100/80	55/75	40/60	25		9 650 003 331	4061245037264
BA-F Plus 12/10/-	12	88	10	70	50	20		9 650 003 338	4061245037271
BA-F Plus 12/25/5	12	103	25/5	70/90	50/70	20		9 650 003 340	4061245037288
BA-F Plus 12/40/20	12	118	40/20	70/90	50/70	20		9 650 003 342	4061245037295
BA-F Plus 12/50/30	12	128	50/30	70/90	50/70	20		9 650 003 343	4061245037301
BA-F Plus 12/70/50	12	148	70/50	70/90	50/70	20		9 650 003 345	4061245037318
BA-F Plus 12/85/65	12	163	85/65	70/90	50/70	20		9 650 003 346	4061245037325
BA-F Plus 12/100/80	12	178	100/80	70/90	50/70	20		9 650 003 347	4061245037332
BA-F Plus 16/5	16	123	5	110	85	10		9 650 003 357	4061245038957
BA-F Plus 16/20	16	138	20	110	85	10		9 650 003 359	4061245038940
BA-F Plus 16/50	16	168	50	110	85	10		9 650 003 362	4061245038964
BA-F Plus 16/60	16	178	60	110	85	10		9 650 003 363	4061245038971

EJOT® through bolt BA-E Plus



Application range

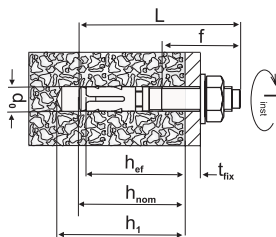
- > For embedment in cracked and non-cracked concrete $\geq C20/25$
- > Also suitable for natural stone
- > Dry indoor areas
- > Wet areas
- > Outdoors, including in industrial atmospheres and coastal environments
- > For embedment of medium heavy to heavy fixings such as pillars, metal structures and wooden structures
- > For pre-, push-through and distance installations

Properties

- > A4 stainless steel
- > HCR high-grade steel 1.4529 available on request
- > Approval for concrete, option 1
- > Fire resistance classes F30, F60, F90, F120

Note

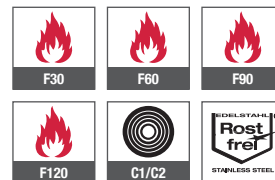
Characteristic values apply to the compression strength of C20/25 concrete. Design load of an anchor for centric tension in cracked concrete.



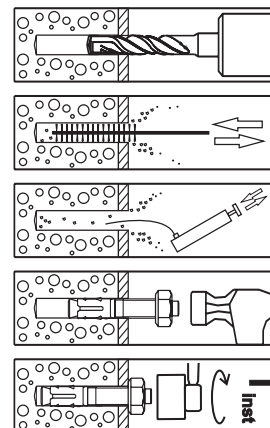
Applications



Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS plus	374
Installation tool for through bolts	385
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Anchor type	Effective embedment depth h_{ef} [mm]	Permitted load F_{zul} [kN]	Centre distance [mm]			Edge distance [mm]			Permitted bending moment M_{zul} [Nm]	Seismic performance category	Tightening torque T_{inst} [Nm]
			$S_{cr,N}$	S_{min}	C	$C_{cr,N}$	C_{min}	S			
BA-E Plus 8	48	4.1	144	35	50	72	40	55	15.0	C1	20
	40	4.3	120	50	95	60	50	190	28.6		45
BA-E Plus 10	60	5.7	180	40	60	90	50	100	28.6	C2	45
	50	6.1	150	55	110	75	60	215	49.1		60
BA-E Plus 12	70	7.6	210	60	70	105	55	110	49.1	60	
	85	11.4	254	65	95	127	65	150	122.7	110	

Online shop



Order description	d ₀ [mm]	L [mm]	t _{fix} ≤ [mm]	h ₁ ≥ [mm]	h _{ef} ≥ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
BA-E Plus 8/10	8	75	10	60	48	50		9 650 005 310	4061245037349
BA-E Plus 8/30	8	95	30	60	48	50		9 650 005 312	4061245037356
BA-E Plus 8/50	8	115	50	60	48	40		9 650 005 314	4061245037363
BA-E Plus 8/85	8	150	85	60	48	40		9 650 005 316	4061245037370
BA-E Plus 10/10/-	10	72	10	55	40	40		9 650 005 323	4061245037387
BA-E Plus 10/30/10	10	92	30/10	55/75	40/60	40		9 650 005 325	4061245037394
BA-E Plus 10/40/20	10	102	40/20	55/75	40/60	25		9 650 005 326	4061245037400
BA-E Plus 10/50/30	10	112	50/30	55/75	40/60	25		9 650 005 327	4061245037417
BA-E Plus 10/70/50	10	132	70/50	55/75	40/60	25		9 650 005 329	4061245037424
BA-E Plus 10/100/80	10	162	100/80	55/75	40/60	25		9 650 005 331	4061245037431
BA-E Plus 12/10/-	12	88	10	70	50	20		9 650 005 338	4061245037448
BA-E Plus 12/25/5	12	103	25/5	70/90	50/70	20		9 650 005 340	4061245037455
BA-E Plus 12/40/20	12	118	40/20	70/90	50/70	20		9 650 005 342	4061245037462
BA-E Plus 12/50/30	12	128	50/30	70/90	50/70	20		9 650 005 343	4061245037479
BA-E Plus 12/70/50	12	148	70/50	70/90	50/70	20		9 650 005 345	4061245037486
BA-E Plus 12/85/65	12	163	85/65	70/90	50/70	20		9 650 005 346	4061245037493
BA-E Plus 12/100/80	12	178	100/80	70/90	50/70	20		9 650 005 347	4061245037509
BA-E Plus 16/5	16	123	5	110	85	10		9 650 005 357	4061245038995
BA-E Plus 16/20	16	138	20	110	85	10		9 650 005 359	4061245038988
BA-E Plus 16/50	16	168	50	110	85	10		9 650 005 362	4061245039008
BA-E Plus 16/60	16	178	60	110	85	10		9 650 005 363	4061245039015

LIEBIG® safety bolt S



Application range

- > Steel structures
- > Machinery
- > Guard rails
- > Automatic hub systems
- > Railings
- > Base plates
- > Storage racks

Properties

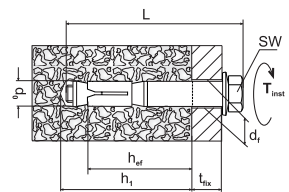
- > Safety bolt with hexagon screw
- > Galvanized zinc-plated steel
- > Torque-controlled heavy-duty anchor with double cone for push-through installation
- > Suitable for heavy loads thanks to the optimum frictional resistance. Cylindrical, wide expansion zone of the sleeve along the whole length
- > With dome-shaped washers for visual assembly inspection
- > For dry indoor and temporary outdoor use

Certifications



Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete
- Also suitable for
- > Natural stone



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Characteristic values						Permitted loads non-cracked concrete C20/25		Permitted loads cracked concrete C20/25		
	Type	d _i [mm]	AF [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
	M6-10/45/5	12	10	10	45	8	3.0	7.2	2.4	5.2
	M6-10/45/15	12	10	10	45	8	3.0	7.2	2.4	5.2
	M6-10/45/40	12	10	10	45	8	3.0	7.2	2.4	5.2
	M8-12/55/5	14	13	12	55	20	4.8	9.8	3.6	7.0
	M8-12/55/15	14	13	12	55	20	4.8	9.8	3.6	7.0
	M8-12/55/40	14	13	12	55	20	4.8	9.8	3.6	7.0
	M10-15/70/5	17	17	15	70	60	9.5	22.3	7.6	20.1
	M10-15/70/15	17	17	15	70	60	9.5	22.3	7.6	20.1
	M10-15/70/40	17	17	15	70	60	9.5	22.3	7.6	20.1
	M12-20/80/5	21	19	20	80	90	17.1	34.3	12.3	24.5
	M12-20/80/15	21	19	20	80	90	17.1	34.3	12.3	24.5
	M12-20/80/40	21	19	20	80	90	17.1	34.3	12.3	24.5
	M16-25/100/5	26	24	25	100	170	24.0	48.0	17.1	34.3
	M16-25/100/15	26	24	25	100	170	24.0	48.0	17.1	34.3
	M16-25/100/40	26	24	25	100	170	24.0	48.0	17.1	34.3

Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	t _{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG S M6-10/45/5	M6	70	10	60	5	50		9 650 045 105	4061245005683
LIEBIG S M6-10/45/15	M6	80	10	60	15	50		9 650 045 115	4061245005676
LIEBIG S M6-10/45/40	M6	105	10	60	40	50		9 650 045 140	4061245005669
LIEBIG S M8-12/55/5	M8	80	12	70	5	25		9 652 055 105	4061245001043
LIEBIG S M8-12/55/15	M8	90	12	70	15	25		9 652 055 115	4061245001036
LIEBIG S M8-12/55/40	M8	115	12	70	40	25		9 652 055 140	4061245001029
LIEBIG S M10-15/70/5	M10	95	15	85	5	25		9 655 070 105	4061245000459
LIEBIG S M10-15/70/15	M10	105	15	85	15	25		9 655 070 115	4061245000442
LIEBIG S M10-15/70/40	M10	130	15	85	40	10		9 655 070 140	4061245000435
LIEBIG S M12-20/80/5	M12	113	20	100	5	10		9 650 080 105	4061245001531
LIEBIG S M12-20/80/15	M12	123	20	100	15	10		9 650 080 115	4061245001524
LIEBIG S M12-20/80/40	M12	148	20	100	40	10		9 650 080 140	4061245001517
LIEBIG S M16-25/100/5	M16	145	25	125	5	5		9 655 100 105	4061245000275
LIEBIG S M16-25/100/15	M16	155	25	125	15	5		9 655 100 115	4061245000268
LIEBIG S M16-25/100/40	M16	180	25	125	40	5		9 655 100 140	4061245000251

Self-drilling
ScrewsFacade
Technology (VHF)Direct
AssemblySelf-tapping
ScrewsOrkan
Storm Washers

Rivets

Fasteners for
Solar /
PhotovoltaicScaffolding
Anchors

Pipe Flashings

Flat Roof
FastenersNylon Expansion
Anchoring
TechnologyMetal + Chemical
AnchorsWindow / Glass
Facade Screws

Accessories

Machinery
Spare Parts
Tools

LIEBIG® safety bolt B



Application range

- > Steel structures
- > Machinery
- > Guard rails
- > Automatic hub systems
- > Railings
- > Base plates
- > Storage racks

Properties

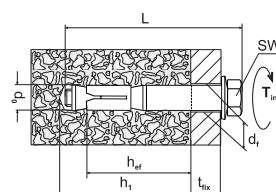
- > Safety bolt with threaded pin and nut
- > Galvanized zinc-plated steel
- > Torque-controlled heavy-duty anchor with double cone for push-through installation
- > Suitable for heavy loads thanks to the optimum frictional resistance. Cylindrical, wide expansion zone of the sleeve along the whole length
- > With dome-shaped washers for visual assembly inspection
- > For dry indoor and temporary outdoor use

Certifications



Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete
- Also suitable for
- > Natural stone



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	3382
Socket wrench	381

Characteristic values					Permitted loads non-cracked concrete C20/25		Permitted loads cracked concrete C20/25			
	Type	d _t [mm]	AF [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
	M6-10/45/5	12	10	10	45	8	3.0	7.2	2.4	5.2
	M6-10/45/15	12	10	10	45	8	3.0	7.2	2.4	5.2
	M6-10/45/40	12	10	10	45	8	3.0	7.2	2.4	5.2
	M8-12/55/5	14	13	12	55	15	4.8	9.8	3.6	7.0
	M8-12/55/15	14	13	12	55	15	4.8	9.8	3.6	7.0
	M8-12/55/40	14	13	12	55	15	4.8	9.8	3.6	7.0
	M8-12/55/65	14	13	12	55	15	4.8	9.8	3.6	7.0
	M8-12/55/100	14	13	12	55	15	4.8	9.8	3.6	7.0
	M10-15/70/5	17	17	15	70	40	9.5	22.3	7.6	20.1
	M10-15/70/15	17	17	15	70	40	9.5	22.3	7.6	20.1
	M10-15/70/40	17	17	15	70	40	9.5	22.3	7.6	20.1
	M10-15/70/65	17	17	15	70	40	9.5	22.3	7.6	20.1
	M10-15/70/100	17	17	15	70	40	9.5	22.3	7.6	20.1
	M12-20/80/5	21	19	20	80	70	17.1	34.3	12.3	24.5
	M12-20/80/15	21	19	20	80	70	17.1	34.3	12.3	24.5
	M12-20/80/40	21	19	20	80	70	17.1	34.3	12.3	24.5
	M12-20/80/65	21	19	20	80	70	17.1	34.3	12.3	24.5
	M12-20/80/100	21	19	20	80	70	17.1	34.3	12.3	24.5
	M16-25/100/5	26	24	25	100	115	24.0	48.0	17.1	34.3
	M16-25/100/15	26	24	25	100	115	24.0	48.0	17.1	34.3
	M16-25/100/40	26	24	25	100	115	24.0	48.0	17.1	34.3
	M16-25/100/65	26	24	25	100	115	24.0	48.0	17.1	34.3
	M16-25/100/100	26	24	25	100	115	24.0	48.0	17.1	34.3

Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	t _{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG B M6-10/45/5	M6	70	10	60	5	50		9 650 045 005	4061245005713
LIEBIG B M6-10/45/15	M6	80	10	60	15	50		9 650 045 015	4061245005706
LIEBIG B M6-10/45/40	M6	105	10	60	40	50		9 650 045 040	4061245005690
LIEBIG B M8-12/55/5	M8	85	12	70	5	25		9 652 055 005	4061245001098
LIEBIG B M8-12/55/15	M8	95	12	70	15	25		9 652 055 015	4061245001081
LIEBIG B M8-12/55/40	M8	120	12	70	40	25		9 652 055 040	4061245001074
LIEBIG B M8-12/55/65	M8	145	12	70	65	25		9 652 055 065	4061245001067
LIEBIG B M8-12/55/100	M8	180	12	70	100	25		9 652 055 100	4061245001050
LIEBIG B M10-15/70/5	M10	100	15	85	5	25		9 655 070 005	4061245000503
LIEBIG B M10-15/70/15	M10	110	15	85	15	25		9 655 070 015	4061245000497
LIEBIG B M10-15/70/40	M10	135	15	85	40	10		9 655 070 040	4061245000480
LIEBIG B M10-15/70/65	M10	160	15	85	65	10		9 655 070 065	4061245000473
LIEBIG B M10-15/70/100	M10	195	15	85	100	10		9 655 070 100	4061245000466
LIEBIG B M12-20/80/5	M12	120	20	100	5	10		9 650 080 005	4061245001593
LIEBIG B M12-20/80/15	M12	130	20	100	15	10		9 650 280 015	4061245001142
LIEBIG B M12-20/80/40	M12	155	20	100	40	10		9 650 080 040	4061245001562
LIEBIG B M12-20/80/65	M12	180	20	100	65	10		9 650 080 065	4061245001555
LIEBIG B M12-20/80/100	M12	215	20	100	100	10		9 650 080 100	4061245001548
LIEBIG B M16-25/100/5	M16	150	25	125	5	5		9 655 100 005	4061245000329
LIEBIG B M16-25/100/15	M16	160	25	125	15	5		9 655 100 015	4061245000312
LIEBIG B M16-25/100/40	M16	185	25	125	40	5		9 655 100 040	4061245000305
LIEBIG B M16-25/100/65	M16	210	25	125	65	5		9 655 100 065	4061245000299
LIEBIG B M16-25/100/100	M16	245	25	125	100	5		9 655 100 100	4061245000282

LIEBIG® safety bolt SK



Application range

- > Steel structures
- > Machinery
- > Guard rails
- > Railings
- > Base plates
- > Storage racks

Properties

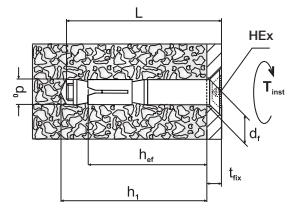
- > Safety bolt with countersunk screw
- > Galvanized zinc-plated steel
- > Torque-controlled heavy-duty anchor with double cone for push-through installation
- > Suitable for heavy loads thanks to the optimum frictional resistance
- > Cylindrical, wide expansion zone of the sleeve along the whole length
- > For dry indoor use

Certifications



Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	385
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Characteristic values	Permitted loads						Permitted loads		
	non-cracked concrete C20/25						cracked concrete C20/25		
Type	d _i [mm]	HEx [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
M6-10/45/15	12	4	10	45	12	3.0	7.2	2.4	5.2
M6-10/45/40	12	4	10	45	12	3.0	7.2	2.4	5.2
M8-12/55/15	14	5	12	55	20	4.8	9.8	3.6	7.0
M8-12/55/40	14	5	12	55	20	4.8	9.8	3.6	7.0
M10-15/70/15	17	6	15	70	60	9.5	22.3	7.6	20.1
M10-15/70/40	17	6	15	70	60	9.5	22.3	7.6	20.1
M12-20/80/15	21	8	20	80	90	17.1	34.3	12.3	24.5
M12-20/80/40	21	8	20	80	90	17.1	34.3	12.3	24.5
M16-25/100/15	26	10	25	100	190	24.0	48.0	17.1	34.3
M16-25/100/40	26	10	25	100	190	24.0	48.0	17.1	34.3

Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	t _{fix} [mm]	d _k [mm]	k [mm]	HEx [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG SK M6-10/45/15	M6	70	10	60	15	20	5.5	4	50		9 650 045 415	4061245005591
LIEBIG SK M6-10/45/40	M6	95	10	60	40	20	5.5	4	50		9 650 045 440	4061245005584
LIEBIG SK M8-12/55/15	M8	85	12	70	15	20	6.5	5	25		9 652 055 415	4061245000947
LIEBIG SK M8-12/55/40	M8	110	12	70	40	24	6.5	5	25		9 652 055 440	4061245000930
LIEBIG SK M10-15/70/15	M10	100	15	85	15	27	7	6	25		9 655 070 415	4061245000367
LIEBIG SK M10-15/70/40	M10	120	15	85	40	27	7	6	25		9 655 070 440	4061245000350
LIEBIG SK M12-20/80/15	M12	110	20	100	15	33	8	8	10		9 650 080 415	4061245001425
LIEBIG SK M12-20/80/40	M12	135	20	100	40	33	8	8	10		9 650 080 440	4061245001418
LIEBIG SK M16-25/100/15	M16	135	25	125	15	50	14	10	5		9 655 100 415	4061245000213
LIEBIG SK M16-25/100/40	M16	160	25	125	40	50	14	10	5		9 655 100 440	4061245000206

EJOT®

LIEBIG® heavy duty anchors

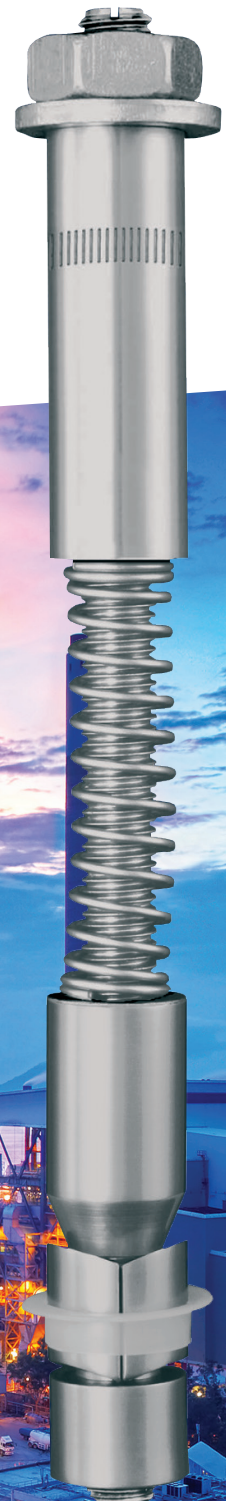
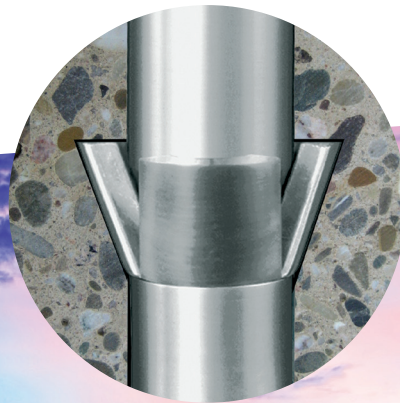
Fastening extremely heavy loads reliably into concrete!

When it comes to heavy duty anchors, you cannot get around the name LIEBIG. Since 1946, LIEBIG has been well known for highest-level heavy fastenings! And since 2017, the brand LIEBIG has been part of the EJOT Group.

Above all, the LIEBIG self-undercutting anchors stand for highest tensile and transverse strength. The extremely high load-bearing capacity is generated by the mechanical gear tooth system in concrete (form-fit).

www.ejot.com/liebig-schwerlastanker

LIEBIG



LIEBIG® self-undercutting anchor SUPERPLUS BLS



Application range

- > Power plants
- > Guard rails
- > Machinery
- > Base plates
- > For dynamic and seismic loads
- > Small edge and centre distances

Properties

- > Self-undercutting anchor with threaded bolt, nut and washer
- > Galvanized zinc-plated steel
- > Automatic self-undercutting, unique heavy-duty anchor for push through installation
- > Simplest, quickest and safest solution on the market
- > Cost-effective: No special drills, undercutting or setting tools required
- > Minimal expansion forces allow for small centre and edge distances
- > For dry indoor use

Technical data



Certifications

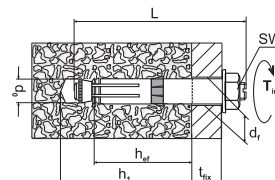


Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete

Cross references

	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381



Characteristic values	Permitted loads non-cracked concrete C20/25						Permitted loads cracked concrete C20/25		
	Type	d _i [mm]	AF [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]
M8-14/80/25	16	17	14	80	25	13.9	23.7	7.6	23.7
M12-20/80/15	21	22	20	80	80	17.2	34.4	11.9	24.6
M12-20/80/30	21	22	20	80	80	17.2	34.4	11.9	24.6
M16-25/150/30	26	27	25	150	180	44.1	67.4	23.8	63.0
M16-25/200/40	26	27	25	200	180	59.8	67.4	35.7	67.4
M16-25/200/60	26	27	25	200	180	59.8	67.4	35.7	67.4

Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	t _{fx} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG SUPERPLUS BLS M8-14/80/25	M8	130	14	100	25	25		9 654 080 025	4061245000756
LIEBIG SUPERPLUS BLS M12-20/80/15	M12	130	20	105	15	10		9 650 080 015	4061245001586
LIEBIG SUPERPLUS BLS M12-20/80/30	M12	145	20	105	30	10		9 650 080 030	4061245001579
LIEBIG SUPERPLUS BLS M16-25/150/30	M16	220	25	185	30	5		9 655 150 030	4061245000091
LIEBIG SUPERPLUS BLS M16-25/200/40	M16	280	25	235	40	5		9 655 200 040	4061245000039
LIEBIG SUPERPLUS BLS M16-25/200/60	M16	300	25	235	60	5		9 655 200 060	4061245000022

Further lengths upon request

LIEBIG® self-undercutting anchor SUPERPLUS BLS A4



Application range

- > Power plants
- > Guard rails
- > Machinery
- > Base plates
- > For dynamic and seismic loads
- > Small edge and centre distances

Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete

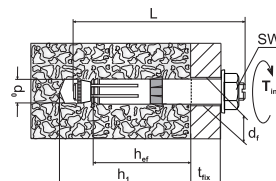
Properties

- > Self-undercutting anchor with threaded bolt, nut and washer
- > A4-80 stainless steel
- > Automatic self-undercutting, unique heavy-duty anchor for push through installation
- > Simplest, quickest and safest solution on the market
- > Cost-effective: No special drills, undercutting or setting tools required
- > Minimal expansion forces allow for small centre and edge distances
- > For indoor and outdoor areas, as well as industrial applications

Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Characteristic values					Permitted loads non-cracked concrete C20/25		Permitted loads cracked concrete C20/25			
	Type	d _i [mm]	AF [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
	M8-14/80/25	16	17	14	80	25	13.9	23.7	7.6	23.7
	M12-20/80/15	21	22	20	80	80	17.2	34.4	11.9	24.6
	M16-25/150/30	26	27	25	150	180	44.1	67.4	23.8	63.0
	M16-25/200/40	26	27	25	200	180	59.8	67.4	35.7	67.4

Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	t _{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG SUPERPLUS BLS M8-14/80/25 A4	M8	130	14	100	25	25		9 654 080 254	4061245000732
LIEBIG SUPERPLUS BLS M12-20/80/15 A4	M12	130	20	105	15	10		9 650 080 154	4061245001500
LIEBIG SUPERPLUS BLS M16-25/150/30 A4	M16	220	25	185	30	5		9 655 150 304	4061245000053
LIEBIG SUPERPLUS BLS M16-25/150/40 A4	M16	230	25	185	40	5		9 655 150 404	4061245000046

LIEBIG® self-undercutting anchor SUPERPLUS SLS A4



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Application range

- > Power plants
- > Guard rails
- > Machinery
- > Base plates
- > For dynamic and seismic loads
- > Small edge and centre distances

Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete

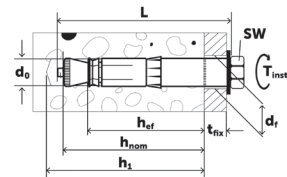
Properties

- > Self-undercutting anchor with hexagon screw and washer
- > A4-80 stainless steel
- > Automatic self-undercutting, unique heavy-duty anchor for push through installation
- > Simplest, quickest and safest solution on the market
- > Cost-effective: No special drills, undercutting or setting tools required
- > Minimal expansion forces allow for small centre and edge distances
- > For indoor and outdoor areas, as well as industrial applications

Technical data



Certifications



Characteristic values	Permitted loads					Permitted loads			
	non-cracked concrete C20/25					cracked concrete C20/25			
Type	d_1 [mm]	AF [mm]	d_0 [mm]	h_{ef} [mm]	T_{inst} [Nm]	N_{Rec} [kN]	V_{Rec} [kN]	N_{Rec} [kN]	V_{Rec} [kN]
M8-14/40/15	16	13	14	40	25	6.1	6.1	4.3	4.3
M8-14/80/25	16	13	14	80	25	13.9	23.7	7.6	23.7
M12-20/80/15	21	19	20	80	80	17.2	34.4	11.9	24.6

Order description	Nominal size [mm]	L [mm]	d_0 [mm]	h_1 [mm]	t_{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG SUPERPLUS SLS M8-14/40/15 A4	M8	70	14	60	15	25		9 653 144 015	4061245037806
LIEBIG SUPERPLUS SLS M8-14/80/25 A4	M8	120	14	100	25	25		9 653 148 025	4061245037813
LIEBIG SUPERPLUS SLS M12-20/80/15 A4	M12	120	20	105	15	10		9 653 208 015	4061245037820

LIEBIG® self-undercutting anchor SUPERPLUS SKLS A4



Application range

- > Power plants
- > Guard rails
- > Machinery
- > Base plates
- > For dynamic and seismic loads
- > Small edge and centre distances

Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete

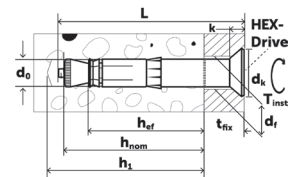
Properties

- > Self-undercutting anchor with threaded bolt, countersunk screw and countersunk insert
- > A4-80 stainless steel
- > Automatic self-undercutting, unique heavy-duty anchor for push through installation
- > Simplest, quickest and safest solution on the market
- > Cost-effective: No special drills, undercutting or setting tools required
- > Minimal expansion forces allow for small centre and edge distances
- > For indoor and outdoor areas, as well as industrial applications

Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382

Characteristic values					Permitted loads non-cracked concrete C20/25		Permitted loads cracked concrete C20/25			
	Type	d ₁ [mm]	HEX [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
	M8-14/40/15	16	5	14	40	25	6.1	6.1	4.3	4.3
	M8-14/80/25	16	5	14	80	25	13.9	23.7	7.6	23.7
	M12-20/80/15	21	8	20	80	80	17.2	34.4	11.9	24.6

Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	t _{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG SUPERPLUS SKLS M8-14/40/15 A4	M8	70	14	60	15	25		9 654 144 015	4061245037837
LIEBIG SUPERPLUS SKLS M8-14/80/25 A4	M8	120	14	100	25	25		9 654 148 025	4061245037844
LIEBIG SUPERPLUS SKLS M12-20/80/15 A4	M12	120	20	105	15	10		9 654 208 015	4061245037851

LIEBIG® self-undercutting anchor SUPERPLUS BLS-P



Application range

- > Lifts
- > Power plants (e.g. nuclear power)
- > Safety barriers and guide rails
- > Heavy-duty pipeline systems
- > Facade attachments on slim components
- > Tunnel ventilation equipment
- > Cranes and crane runways
- > Machinery
- > Base plates

Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete

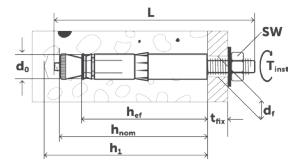
Properties

- > Self-undercutting anchor with threaded bolt, nut and washer
- > Galvanized zinc-plated steel
- > Unique, fully self-undercutting, unique heavy-duty anchor for push through installation
- > Simplest, quickest and safest solution on the market
- > Cost-effective: No special drills, undercutting or setting tools required
- > Minimal expansion forces allow for small centre and edge distances
- > For dry indoor use

Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Characteristic values					Permitted loads non-cracked concrete C20/25		Permitted loads cracked concrete C20/25			
	Type	d _t [mm]	AF [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
	M12-20/80/15	14	19	20	80	80	17.2	19.3	11.9	19.3
	M12-20/150/30	14	19	20	150	80	32.1	19.3	19.0	19.3
	M16-25/150/40	18	24	25	150	180	44.1	35.9	23.8	35.9

Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	t _{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG SUPERPLUS BLS-P M12-20/80/15	M12	135	20	105	15	10		9 650 180 015	4061245001173
LIEBIG SUPERPLUS BLS-P M12-20/150/30	M12	220	20	175	30	10		9 651 150 030	4061245001104
LIEBIG SUPERPLUS BLS-P M16-25/150/40	M16	240	25	185	40	5		9 655 150 040	4061245000008

LIEBIG® self-undercutting anchor SUPERPLUS ILS



Application range

- > Machinery
- > Base plates
- > Small edge and centre distances

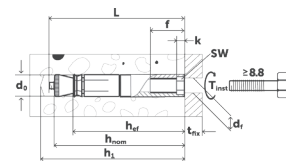
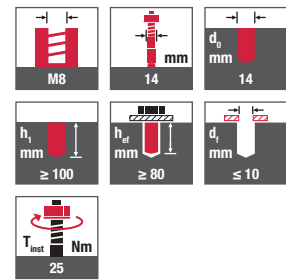
Base materials

- Also suitable for
- > Natural stone
 - > Non-cracked concrete

Properties

- > Galvanized zinc-plated steel
- > With M8 internal thread
- > Automatic self-undercutting, unique heavy-duty anchor for push through installation
- > The easiest, quickest and simplest solution on the market.
- > Cost-effective: No special drills, undercutting or setting tools required
- > Minimal expansion forces allow for small centre and edge distances
- > For dry indoor use

Technical data



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382

Characteristic values					Permitted loads non-cracked concrete C20/25			Permitted loads cracked concrete C20/25		
	Type	d_i [mm]	Thread [mm]	d_0 [mm]	h_{ef} [mm]	T_{inst} [Nm]	N_{Rec} [kN]	V_{Rec} [kN]	N_{Rec} [kN]	V_{Rec} [kN]
	M8-14/80	10	M8	14	80	25	13.9	8.6	7.6	8.6

Order description	Nominal size [mm]	L [mm]	d_0 [mm]	h_1 [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG SUPERPLUS ILS M8-14/80	M8	95	14	100	25		9 650 814 080	4061245001128

LIEBIG® lightning protection anchor SUPERPLUS BLS M8-14 A4



Application range

- > Retrofitted grounding systems

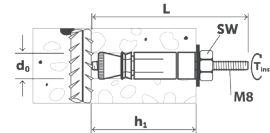
Base materials

- Also suitable for
- > Concrete

Properties

- > A4 stainless steel
- > Automatic self-undercutting, unique heavy-duty anchor for push through installation
- > Connected retrofitted grounding systems with reinforced bars in concrete structures
- > LIEBIG® SUPERPLUS lightning protection anchors have the same properties and provide the same output as the self-undercutting SUPERPLUS anchors
- > A4 for indoor and outdoor areas, as well as industrial applications

Technical data



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Order description	Nominal size [mm]	L [mm]	d ₀ [mm]	h ₁ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG lightning protection anchor BLS M8-14 A4	M8	85	14	40...60	25		9 650 814 085	4061245001111

Magnifying Glass
 Self-drilling Screws
 Facade Technology (VHF)
 Direct Assembly
 Self-tapping Screws
 Orkan Storm Washers
 Rivets
 Fasteners for Solar / Photovoltaic
 Scaffolding Anchors
 Pipe Flashings
 Flat Roof Fasteners
 Nylon Expansion Anchoring Technology
 Metal + Chemical Anchors
 Window / Glass Facade Screws
 Accessories
 Machinery Spare Parts Tools
 Information Icon

LIEBIG® step iron anchor SUPERPLUS A4



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS-plus	374
Installation tool for through bolts	389
Cordless hammer drill	363
Torque wrench	382
Socket wrench	381

Application range

- > Step iron fastenings as per DIN 1211-3 / DIN 1212-3

Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete

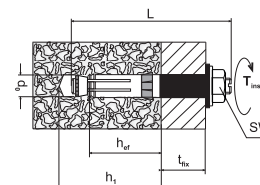
Properties

- > A4 stainless steel
- > Automatic self-undercutting, unique heavy-duty anchor for push through installation.
- > Used to attach step irons in wastewater revision chutes. The special plastic sleeves prevent bimetallic corrosion between the step iron and the anchor
- > Step iron anchors have the same characteristics and provide the same output as the self-undercutting SUPERPLUS anchors
- > Also easy to install in areas difficult to access.
- > A4 for indoor and outdoor areas, as well as industrial applications.

Technical data



Certifications



Easy installation - quick and reliable embedment:
1. Drill hole.



2. Clean drill hole.



3. Place the step iron anchor through the hole in the step iron using the push-through method.



4. Align step iron.



5. Drill and clean second hole. Step iron serves as plate drill jig.



6. Position step iron anchor and tighten with a torque wrench with $T_{inst} = 25 \text{ Nm}$.

Order description	Nominal size [mm]	L [mm]	d _o [mm]	h ₁ [mm]	t _{fix} [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LIEBIG step iron anchor BLS M8-14/40SD A4	M8	95	14	60	25	100		9 650 814 040	4061245001135
LIEBIG step iron anchor BLS M8-14/60SA A4N	M8	115	14	80	25	25		9 650 040 060	4061245001630

Characteristic values	Permitted loads non-cracked concrete C20/25							Permitted loads cracked concrete C20/25	
	Type	d _i [mm]	AF [mm]	d _o [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]
M8-14/40	16	16	14	40	25	6.1	6.1	4.3	4.3
M8-14/60	16	16	14	60	25	6.1	6.1	4.3	4.3

EJOT® KERI anchor

Perfect refurbishment of three-layer exterior walls by subsequent fixing of rain screens

- > KERI rain screen anchor made of A4 stainless steel
- > Easy and quick installation
- > Vertical load transfer of existing building fabric
- > Vertical load transfer of the new facade system
- > High anchor-carrying capacity
- > Smallest edge and centre distances

www.ejot.com



Mortar cartridge Multifix USF



Application range

- > For installation in cracked (option 1) and non-cracked concrete (option 7) (ETA-16/0107 and ETA-18/0861)
- > For installation in masonry (ETA-16/0089)
- > For installation in natural stone (without approval)
- > Approved for anchor rods M8, M10, M12, M16, M20, M24, M27, M30

Properties

- > Vinyl resin, styrene-free
- > Can be used in wet concrete and water-filled drill holes

Note

Please observe the corresponding approvals during planning and processing.

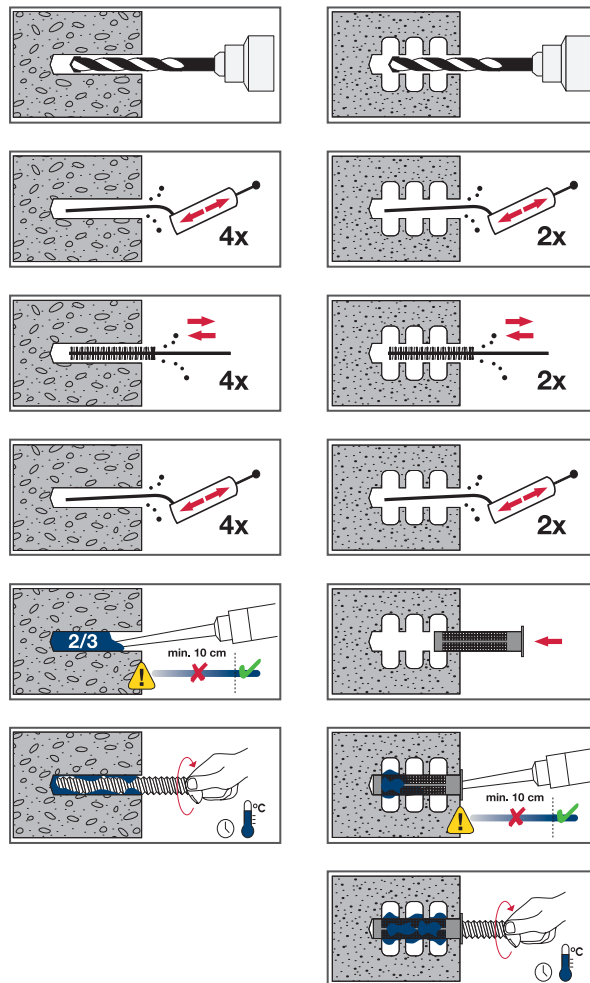
The storage temperature must not permanently exceed 25 °C! Please store upright!

Included in delivery

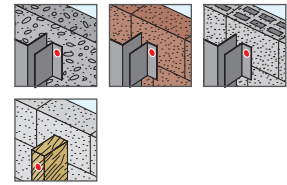
- 1 mortar cartridge
- 2 mixing nozzles

Cross references

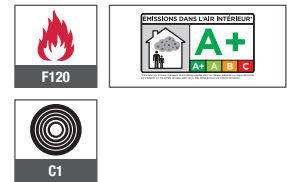
	page
Anchor rod	302
Mesh sleeve	304
Cleaning brush	391
Blow-out pump	391
Applicator gun	390
Hammer drill SDS plus	374
Duster Expert SDS plus	377
Cordless hammer drill	363



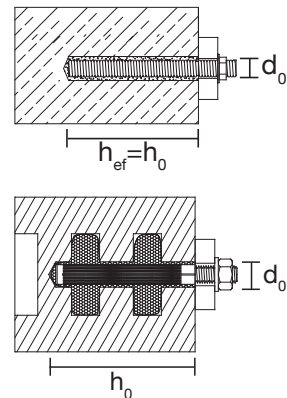
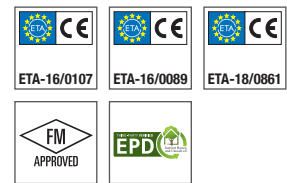
Applications



Technical data



Certifications



Installation parameters			
Anchor rod	d ₀ [mm]	h _{ef} = h ₀ min - max [mm]	T _{inst} concrete ≤ [Nm]
M8	10	60 - 160	10
M10	12	60 - 200	20
M12	14	70 - 240	40
M16	18	80 - 320	80
M20	24	90 - 400	120
M24	28	96 - 480	160
M27	32	108 - 540	180
M30	35	120 - 600	200

Consumption in solid building materials (USF 280 ml)			
Anchor rod	d ₀ [mm]	h ₀ [mm]	Number of fills
M8x130	10	80	41
M10x130	12	90	26
M10x170	12	130	18
M12x160	14	110	15
M16x190	18	125	8

Installation parameters (USF 280 ml)			
Ambient temperature [°C]	Processing time	Curing time in dry weather	Curing time in wet weather
-10*	1h 30'	24h	48h
≥ -5	1h 30'	14h	28h
≥ 0	45'	7h	14h
≥ +5	25'	2h	4h
≥ +10	15'	1h 20'	2h 40'
≥ +20	6'	45'	1h 30'
≥ +30	4'	25'	50'
≥ +35	2'	20'	40'
+40	1.5'	15'	30'

*Min. cartridge temperature +15 °C

Consumption in perforated building materials				
Mesh sleeve	Anchor rod	d ₀ [mm]	h ₀ [mm]	Number of fills
USF 12x80	M8	12	85	17
USF 16x85	M8/M10	16	90	11
USF 16x130	M8/M10	16	135	6
USF 20x85	M12/M16	20	90	6
USF 20x130	M12/M16	20	135	4
USF 20x200	M12/M16	20	205	2

Order description	Content [ml]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Mortar cartridge USF 280 ml	280	1		9 571 000 280	4061245010557
Mixing nozzle USF	-	1		9 570 040 141	4061245061900

Order information: 2 mixing nozzles are included with each cartridge.

Mortar cartridge Multifix USF winter



Application range

- > For installation in cracked (option 1) and non-cracked concrete (option 7) (ETA-16/0107 and ETA-18/0861)
- > For installation in masonry (ETA-16/0089)
- > For installation in natural stone (without approval)
- > Approved for anchor rods M8, M10, M12, M16, M20, M24, M27, M30

Properties

- > Vinyl resin, styrene-free
- > Cartridge temperature may conform to the low outside temperature
- > Shorter curing times at low temperatures
- > Can be used in wet concrete and water-filled drill holes

Note

Please observe the corresponding approvals during planning and processing.

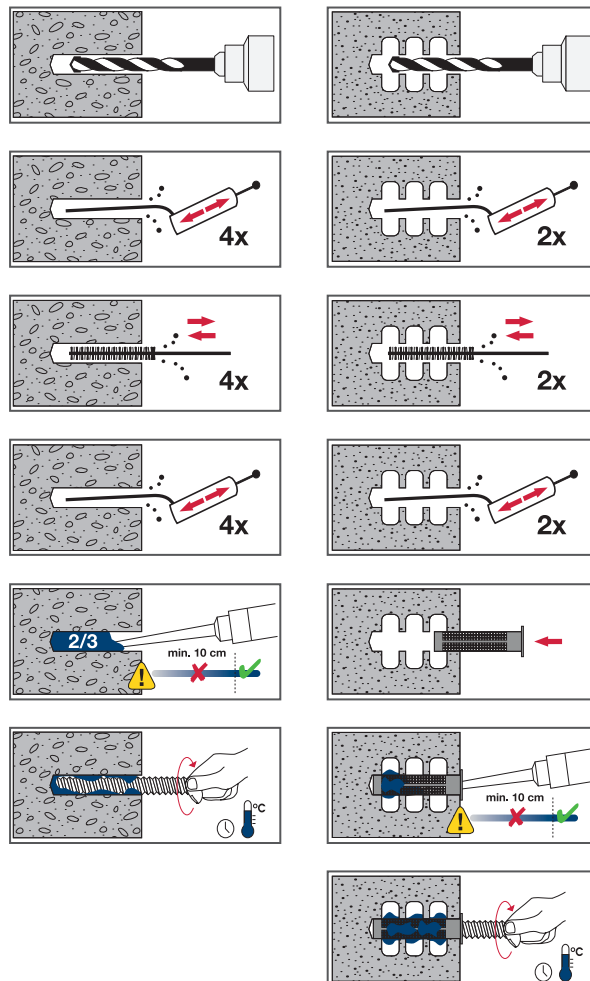
The storage temperature must not permanently exceed 25 °C! Please store upright!

Included in delivery

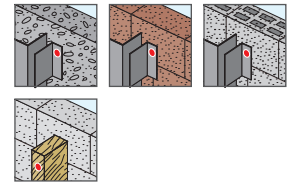
- 1 mortar cartridge
- 2 mixing nozzles

Cross references

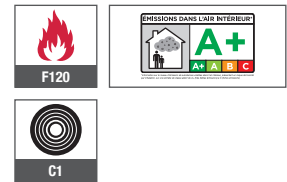
	page
Anchor rod	302
Mesh sleeve	304
Cleaning brush	391
Blow-out pump	391
Applicator gun	390
Hammer drill SDS plus	374
Duster Expert SDS plus	377
Cordless hammer drill	363



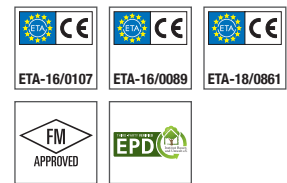
Applications



Technical data

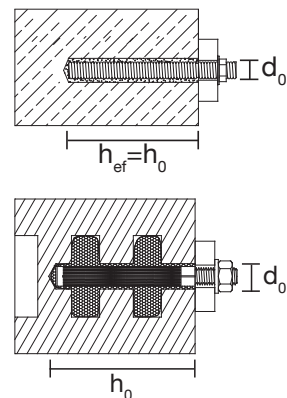


Certifications



Note:

Plastic bag must be cut open before processing!



Installation parameters			
Anchor rod	d ₀ [mm]	h _{ef} = h ₀ min - max [mm]	T _{inst} concrete ≤ [Nm]
M8	10	60 - 160	10
M10	12	60 - 200	20
M12	14	70 - 240	40
M16	18	80 - 320	80
M20	24	90 - 400	120
M24	28	96 - 480	160
M27	32	108 - 540	180
M30	35	120 - 600	200

Consumption in solid building materials (USF winter 300 ml)			
Anchor rod	d ₀ [mm]	h ₀ [mm]	Number of fills
M8x130	10	80	44
M10x130	12	90	27
M10x170	12	130	19
M12x160	14	110	16
M16x190	18	125	9

Online shop



Order description	Content [ml]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Mortar cartridge USF winter 300 ml	300	1		9 571 000 300	4061245010540
Mixing nozzle USF	-	1		9 570 040 141	4061245061900

Order information: 2 mixing nozzles are included with each cartridge.

Installation parameters (USF Winter 300 ml)			
Ambient temperature [°C]	Processing time	Curing time in dry weather	Curing time in wet weather
-20*	1h 15'	24h	48h
≥ -15	55'	16h	32h
≥ -10	35'	10h	20h
≥ -5	20'	5h	10h
≥ 0	10'	2h 30'	5h
≥ +5	6'	1h 20'	2h 40'
10	6'	1h	2h

*Min. cartridge temperature -20 °C

Consumption in perforated building materials				
Mesh sleeve	Anchor rod	d ₀ [mm]	h ₀ [mm]	Number of fills
USF 12x80	M8	12	85	17
USF 16x85	M8/M10	16	90	11
USF 16x130	M8/M10	16	135	6
USF 20x85	M12/M16	20	90	6
USF 20x130	M12/M16	20	135	4
USF 20x200	M12/M16	20	205	2

Anchor rod AST / threaded rod



Application range

- > For embedment in concrete and solid brick
- > For embedment in perforated brick in combination with mesh sleeve
- > Approved for polyester and vinyl ester composite mortar

Technical data



Properties of AST steel

- > Anchor rod: property class 5.8 or 6.8 acc. to EN ISO 898-1
- > Nut: property class 5 or 6 acc. to EN 20898-2
- > Washer: acc. to EN ISO 7089

Properties of AST A4 stainless steel (1.4401 / 1.4571)

- > Anchor rod: EN 10088; property class 70 (A4-70) acc. to EN ISO 3506
- > Nut: EN 10088; property class 70 (A4-70) acc. to EN ISO 3506
- > Washer: acc. to EN 10088

Note

To determine the characteristic load capacity in concrete, the approvals ETA-16/0107 and ETA-18/0861 have to be considered. To determine the characteristic load capacity in solid and perforated brick, approval ETA-16/0089 has to be considered.

Cross references	page
Mortar cartridge USF	298
Mortar cartridge USF winter	300
Mesh sleeve	304
Cleaning brush	391
Blow-out pump	391
Hammer drill SDS plus	374
Duster Expert SDS plus	377
Cordless hammer drill	363

Technical data

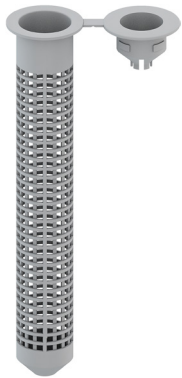
Thread	Embedment depth in concrete ≥ [mm]	Embedment depth in solid brick ≥ [mm]	Drill hole depth ≥ [mm]
M8	60	80	10
M10	60	90	12
M12	70	100	14
M16	80	130	18

Online shop



Order description	Thread	Length [mm]	PU [pieces]	Price/100 piece [EUR]	Price/100 m [EUR]	Article number	EAN
Anchor rod AST, zinc-plated steel							
AST M8x110-V	M8	110	10			9 570 098 110	4061245010595
AST M10x130-V	M10	130	10			9 570 910 130	4061245010588
AST M10x170-V	M10	170	10			9 570 910 170	4061245010571
AST M12x160-V	M12	160	10			9 570 912 160	4061245010564
Anchor rod AST, A4 stainless steel							
AST M8x110-E	M8	110	10			9 571 098 110	4061245010489
NEW AST M10x110-E	M10	110	10			9 571 910 110	4061245061597
AST M10x130-E	M10	130	10			9 571 910 130	4061245010472
AST M10x170-E	M10	170	10			9 571 910 170	4061245010465
AST M12x160-E	M12	160	10			9 571 912 160	4061245010458
AST M16x190-E	M16	190	10			9 571 916 190	4061245010441
Threaded rod DIN 976, A4 stainless steel							
Threaded rod M8x1000 DIN 976 A4	M8	1,000	50			9 560 008 000	4061245019956
Threaded rod M10x1000 DIN 976 A4	M10	1,000	25			9 560 010 000	4061245019949
Threaded rod M12x1000 DIN 976 A4	M12	1,000	20			9 560 012 000	4061245019932
Threaded rod M16x1000 DIN 976 A4	M16	1,000	10			9 560 016 000	4061245019925
Nut DIN 934, A4 stainless steel							
Hexagon nut DIN 934 M8 A4	M8	-	100			9 560 000 008	4061245022048
Hexagon nut DIN 934 M10 A4	M10	-	100			9 560 000 010	4061245022055
Hexagon nut DIN 934 M12 A4	M12	-	100			9 560 000 012	4061245022062
Hexagon nut DIN 934 M16 A4	M16	-	100			9 560 000 016	4061245022079
Washer DIN 934, A4 stainless steel							
Plain washer DIN 125 for M8 A4	M8	-	100			9 561 000 008	4061245022000
Plain washer DIN 125 for M10 A4	M10	-	100			9 561 000 010	4061245022017
Plain washer DIN 125 for M12 A4	M12	-	100			9 561 000 012	4061245022024
Plain washer DIN 125 for M16 A4	M16	-	100			9 561 000 016	4061245022031
Order information: Other lengths and thread types upon request							

Mesh sleeve



Application range

- > For embedment in perforated brick

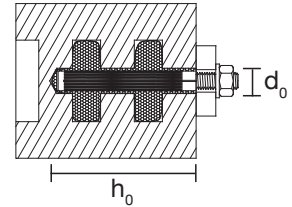
Properties

- > Guarantees exact calibration of threaded rod

Note

For planning and processing, please observe ETA-16/0089.

Certifications



Cross references	page
Mortar cartridge USF	298
Mortar cartridge USF winter	300
Anchor rod	302
Cleaning brush	391
Blow-out pump	391
Hammer drill SDS plus	374
Duster Expert SDS plus	377
Cordless hammer drill	363

Online shop



Order description	d ₀ [mm]	h ₀ [mm]	For threaded rod	PU [pieces]	Price/100 [EUR]	Article number	EAN
Mesh sleeve USF 12x80	12	85	M8	10		9 571 012 080	4061245010533
Mesh sleeve USF 16x85	16	90	M8 / M10	10		9 571 016 085	4061245010526
Mesh sleeve USF 16x130	16	135	M8 / M10	10		9 571 016 130	4061245010519
Mesh sleeve USF 20x85	20	90	M12 / M16	10		9 571 020 085	4061245010502
Mesh sleeve USF 20x130	20	135	M12 / M16	10		9 571 020 130	4061245010496

Ceiling nail



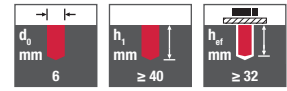
Application range

- > For use as a multiple fastener of non-supporting systems in concrete
- > Approved for concrete strengths from C20/25 to C50/60

Properties

- > Steel, galvanized zinc-plated
- > High load-bearing capacity in cracked and non-cracked concrete
- > Small drill holes
- > Fast and reliable installation

Technical data



Certifications



Cross references	page
Hammer drill SDS plus	374
Cordless hammer drill	363

Online shop



Characteristic values without fire exposure

Drill hole diameter d_0	6 mm
Drill hole depth $\geq h_1$	40 mm
Embedment depth $\geq h_{ef}$	32 mm
Min. component thickness h_{min}	80 mm
Edge distance c_{min}	150 mm
Centre distance s_{min}	200 mm
Max. attached part thickness t_{tx}	5 mm
Height of the attached part $\leq t_{tx}$	5 mm

Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
T-DN 6-35 Ceiling nail	6	35	100		9 700 050 035	4061245010236



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



Drop-in anchor LA+



Application range

- > Suspension systems
- > Pipelines
- > Air ducts
- > Sprinkler systems
- > Cable racks
- > Machinery
- > Consoles
- > Ceiling girders

Properties

- > Galvanized zinc-plated steel
- > ETA-approved drop-in anchor, ideal for suspension systems
- > Drop-in anchor for pre-assembly with an assembly tool
- > Internal thread for metric screws and rods
- > The suitable bolt length is 1-1.5 x nominal anchor length + component thickness
- > The small required drill hole depth facilitates drilling and overhead mounting
- > Suitable for sprinkler systems
- > For dry indoor use

Cross references	page
Installation tool	388
Cordless hammer drill	363

Permitted loads

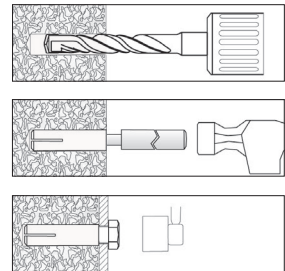
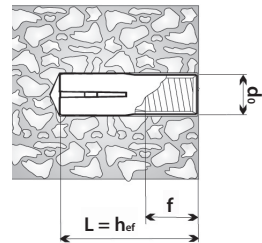
Non-cracked concrete C20/25	N_{Rec}	V_{Rec}
LA+6	1.9 kN	1.7 kN
LA+8	3.6 kN	3.1 kN
LA+10	4.8 kN	4.5 kN
LA+12	6.3 kN	7.3 kN

Certifications



Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete
- Also suitable for
- > Natural stone
 - > Bricks



Order description	Thread [mm]	L [mm]	d _o [mm]	h ₁ [mm]	f [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LA+ 6	M6	25	8	27	11	100		9 650 070 050	4061245003801
LA+ 8	M8	30	10	32	13	100		9 650 070 052	4061245003795
LA+ 10	M10	40	12	43	16	50		9 650 070 054	4061245003788
LA+ 12	M12	50	15	54	23	50		9 650 070 056	4061245003771

Drop-in anchor LAL+



Cross references	page
Installation tool	388
Cordless hammer drill	363

Online shop



Application range

- > Suspension systems
- > Pipelines
- > Air ducts
- > Sprinkler systems
- > Cable racks
- > Machinery
- > Consoles
- > Ceiling girders

Properties

- > Galvanized zinc-plated steel
- > ETA-approved drop-in anchor, ideal for suspension systems
- > Drop-in anchor for pre-assembly with an assembly tool
- > Internal thread for metric screws and rods
- > The suitable bolt length is 1-1.5 x nominal anchor length + component thickness
- > The small required drill hole depth facilitates drilling and overhead mounting
- > Suitable for sprinkler systems
- > For dry indoor use

Permitted loads

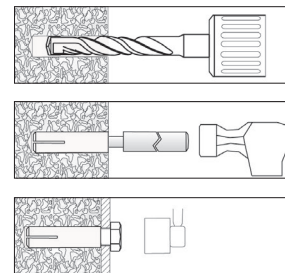
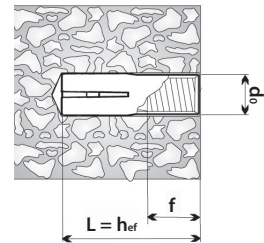
Non-cracked concrete C20/25	N_{Rec}	V_{Rec}
LAL+6	2.1 kN	1.7 kN
LAL+8	3.6 kN	3.1 kN
LAL+10	4.8 kN	4.5 kN
LAL+12	6.3 kN	7.3 kN

Certifications



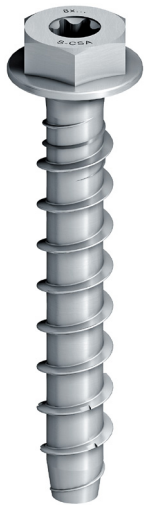
Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete
- Also suitable for
- > Natural stone
 - > Bricks



Order description	Thread [mm]	L [mm]	d_o [mm]	h_1 [mm]	f [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
LAL+ 6	M6	25	8	27	11	100		9 650 070 070	4061245003757
LAL+ 8	M8	30	10	32	13	100		9 650 070 072	4061245003740
LAL+ 10	M10	40	12	43	16	100		9 650 070 074	4061245003733
LAL+ 12	M12	50	15	54	23	50		9 650 070 076	4061245003726

EJOT® concrete screw JC2-KB



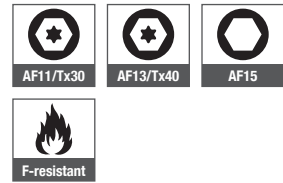
Application range

- > Facade scaffolds
- > Temporary fastening
- > Contact surfaces
- > Shelves
- > Cable racks
- > Hand rails
- > Battens

Base materials

- Approved for
- > Cracked concrete
 - > Pre-stressed hollow core slab
 - > Non-cracked concrete
- Also suitable for
- > Bricks
 - > Solid brick sandstone

Technical data



Certifications

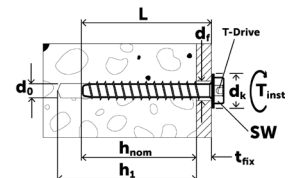


Cross references

	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS plus	389
Cordless hammer drill	363
Cordless impact screwdriver	362
Socket wrench insert	381
Bit hexalobular Tx	379

Properties

- > Galvanized zinc-plated steel
- > Hexagonal head with flange
- > ETA-approved concrete screw for cracked and non-cracked concrete
- > Self-tapping approved screw anchor for push-trough installation
- > No expansion forces allow for small edge and centre distances
- > Completely removable
- > For dry indoor use



Characteristic values	Permitted loads non-cracked concrete C20/25							Permitted loads cracked concrete C20/25		
	Type	d _f [mm]	Drive [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete										
JC2-KB 6	9	AF13/Tx30	6	42.5	14	4.5	5.6*	2.1	4.5	
JC2-KB 8	12	AF13/Tx40	8	48.5	40	7.6	7.9	3.8	5.5	
JC2-KB 10	14	AF15	10	61.5	90	10.5	16.6*	6.7	15.8	
ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete										
JC2-KB 6	9	AF11/Tx30	6	31.9	14	1.4	4.3	1.4	3.1	

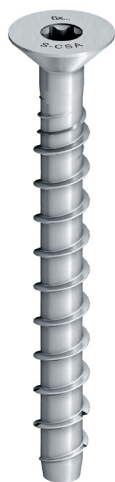
*Failure case = steel failure

Online shop



Order description	L [mm]	t _{fix} [mm]	h _{nom} [mm]	h ₁ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete								
Concrete screw JC2-KB 6x60/5/20	60	5	55	65	100		9 650 071 310	4061245051222
Concrete screw JC2-KB 6x80/25/40	80	25	55	65	100		9 650 071 314	4061245051239
Concrete screw JC2-KB 6x100/45/60	100	45	55	65	50		9 650 071 318	4061245051246
Concrete screw JC2-KB 8x60/5*	60	5	55	65	50		9 650 071 331	4061245005850
Concrete screw JC2-KB 8x70/5(15)	70	5	65	75	50		9 650 071 333	4061245005867
Concrete screw JC2-KB 8x80/15(25)	80	15	65	75	50		9 650 071 335	4061245005874
Concrete screw JC2-KB 8x100/35(45)	100	35	65	75	50		9 650 071 339	4061245005881
Concrete screw JC2-KB 8x120/55(65)	120	55	65	75	50		9 650 071 343	4061245005898
Concrete screw JC2-KB 10x80/10*	80	10	75	95	25		9 650 071 359	4061245005942
Concrete screw JC2-KB 10x90/5(20)	90	5	85	95	25		9 650 071 361	4061245005959
Concrete screw JC2-KB 10x100/15(30)	100	15	85	95	25		9 650 071 363	4061245005966
Concrete screw JC2-KB 10x120/35(50)	120	35	85	95	25		9 650 071 367	4061245005973
Concrete screw JC2-KB 10x140/55(70)	140	55	85	95	25		9 650 071 369	4061245005980
ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete								
Concrete screw JC2-KB 6x45/5	45	5	40	50	100		9 650 071 306	4061245051208
Concrete screw JC2-KB 6x50/10	50	10	40	50	100		9 650 071 308	4061245051215
Concrete screw JC2-KB 6x60/5/20	60	20	40	50	100		9 650 071 310	4061245051222
Concrete screw JC2-KB 6x80/25/40	80	40	40	50	100		9 650 071 314	4061245051239
Concrete screw JC2-KB 6x100/45/60	100	60	40	50	50		9 650 071 318	4061245051246
*Not part of the ETA								

EJOT® concrete screw JC2-ST



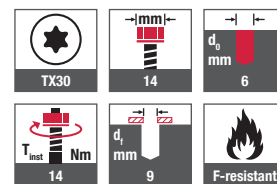
Application range

- > Facade scaffolds
- > Temporary fastening
- > Contact surfaces
- > Shelves
- > Cable racks
- > Hand rails
- > Battens

Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete
 - > Pre-stressed hollow core slab
- Also suitable for
- > Bricks
 - > Solid brick sandstone

Technical data



Certifications

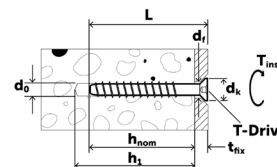


Cross references page

Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS plus	374
Cordless hammer drill	363
Cordless impact screwdriver	362
Bit hexalobular Tx	379

Properties

- > Galvanized zinc-plated steel
- > Countersunk head, hexalobular drive
- > ETA-approved concrete screw for cracked and non-cracked concrete
- > Self-tapping approved screw anchor for push-trough installation
- > No expansion forces allow for small edge and centre distances
- > Completely removable
- > For dry indoor use



Online shop

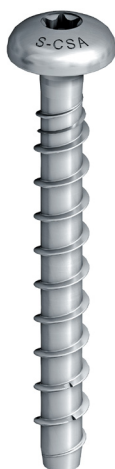


Order description	L [mm]	t _{fix} [mm]	h _{nom} [mm]	h ₁ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete								
Concrete screw JC2-ST 6x60/5/20	60	5	55	65	100		9 650 071 609	4061245005904
Concrete screw JC2-ST 6x100/45/60	100	45	55	65	50		9 650 071 617	4061245005911
ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete								
Concrete screw JC2-ST 6x60/5/20	60	20	40	50	100		9 650 071 609	4061245005904
Concrete screw JC2-ST 6x100/45/60	100	60	40	50	50		9 650 071 617	4061245005911

Characteristic values	Permitted loads non-cracked concrete C20/25				Permitted loads cracked concrete C20/25					
	Type	d ₁ [mm]	Drive [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete										
JC2-ST 6	9	Tx30	6	42.5	14	4.5	5.6*	2.1	4.5	
ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete										
JC2-ST 6	9	Tx30	6	31.9	14	1.4	4.3	1.4	3.1	

*Failure case = steel failure

EJOT® concrete screw JC2-FR



Application range

- > Facade scaffolds
- > Temporary fastening
- > Contact surfaces
- > Shelves
- > Cable racks
- > Hand rails
- > Battens

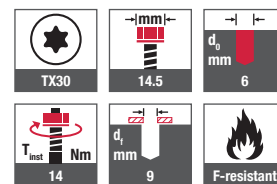
Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete
 - > Pre-stressed hollow core slab
- Also suitable for
- > Bricks
 - > Solid brick sandstone

Properties

- > Galvanized zinc-plated steel
- > Flat fillister head, hexalobular pawl
- > ETA-approved concrete screw for cracked and non-cracked concrete
- > Self-tapping approved screw anchor for push-trough installation
- > No expansion forces allow for small edge and centre distances
- > Completely removable
- > For dry indoor use

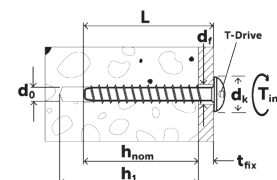
Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS plus	374
Cordless hammer drill	363
Cordless impact screwdriver	362
Bit hexalobular Tx	379



Order description	L [mm]	t _{fix} [mm]	h _{nom} [mm]	h ₁ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete								
Concrete screw JC2-FR 6x45/5	45	5	40	50	50		9 650 071 544	4061245047805
Concrete screw JC2-FR 6x60/5/20	60	5	55	65	50		9 650 071 549	4061245047812
ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete								
Concrete screw JC2-FR 6x60/5/20	60	20	40	50	50		9 650 071 549	4061245047812

Characteristic values						Permitted loads non-cracked concrete C20/25		Permitted loads cracked concrete C20/25		
	Type	d _t [mm]	Drive [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete										
JC2-FR 6	9	Tx30	6	42.5	14	4.5	5.6*	2.1	4.5	
ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete										
JC2-FR 6	9	Tx30	6	31.9	14	1.4	4.3	1.4	3.1	

*Failure case = steel failure

EJOT® concrete screw JC2-IT



Application range

- > Pipe brackets
- > Profile rails

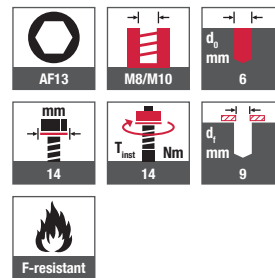
Base materials

- Approved for
- > Cracked concrete
 - > Non-cracked concrete
 - > Pre-stressed hollow core slab
- Also suitable for
- > Bricks
 - > Solid brick sandstone

Properties

- > Galvanized zinc-plated steel
- > Hexagon head AF13 with internal thread M8/M10
- > ETA-approved concrete screw for cracked and non-cracked concrete
- > Self-tapping approved screw anchor for push-trough installation
- > No expansion forces allow for small edge and centre distances
- > Completely removable
- > For dry indoor use

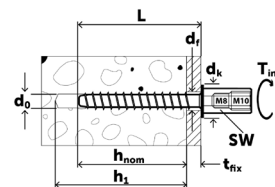
Technical data



Certifications



Cross references	page
Cleaning brush	391
Blow-out pump	391
Tool belt	387
Hammer drill SDS plus	374
Cordless hammer drill	363
Cordless impact screwdriver	362
Socket wrench insert	381



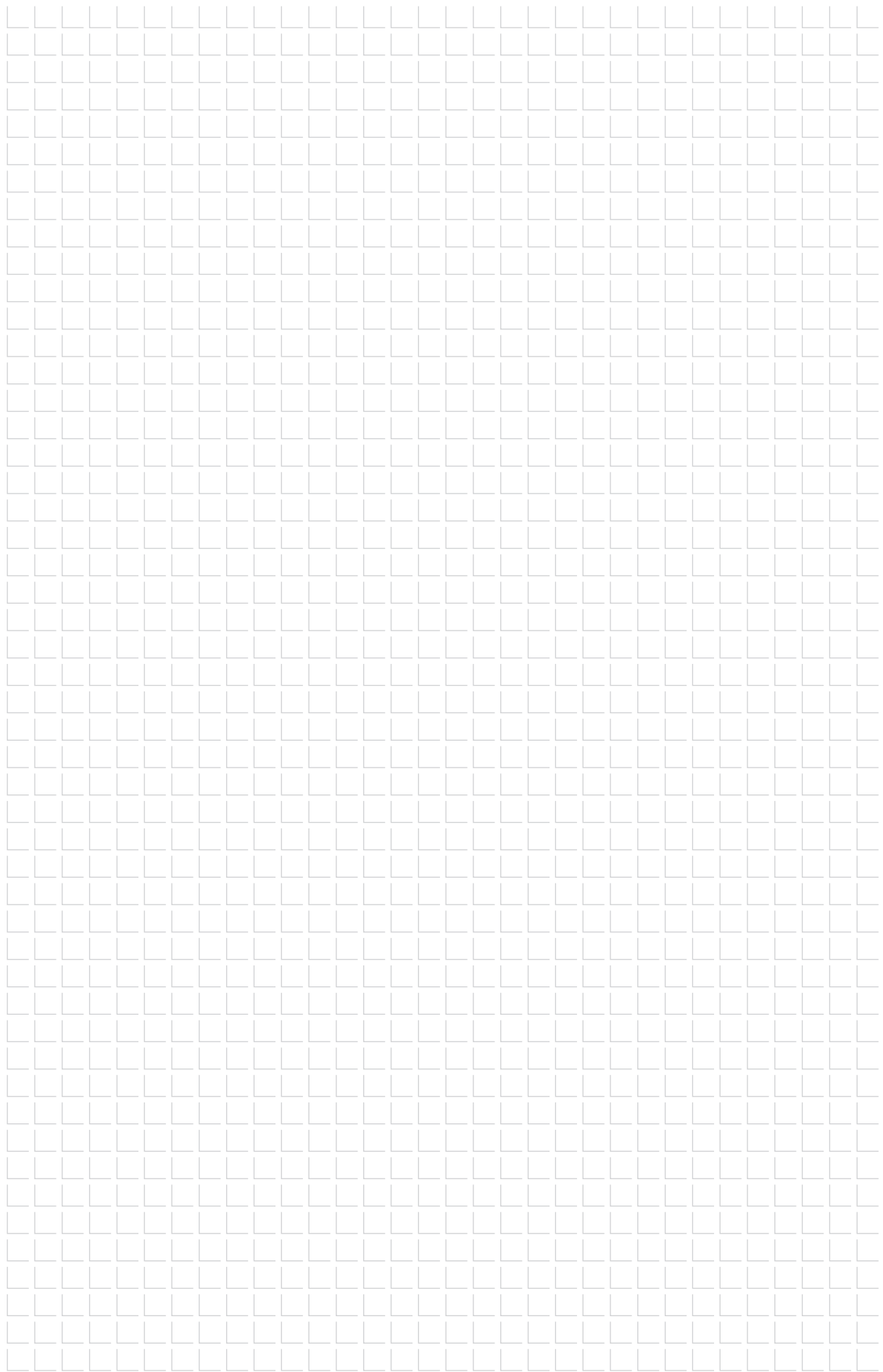
Characteristic values	Permitted loads non-cracked concrete C20/25							Permitted loads cracked concrete C20/25		
	Type	d _i [mm]	Drive [mm]	d ₀ [mm]	h _{ef} [mm]	T _{inst} [Nm]	N _{Rec} [kN]	V _{Rec} [kN]	N _{Rec} [kN]	V _{Rec} [kN]
ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete										
JC2-IT 6	9	AF13	6	42.5	14	4.5	5.6*	2.1	4.5	
ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete										
JC2-IT 6	9	AF13	6	31.9	14	1.4	4.3	1.4	3.1	

*Failure case = steel failure

Online shop



Order description	L [mm]	t _{fix} [mm]	h _{nom} [mm]	h ₁ [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete								
Concrete screw JC2-IT 6x60 M8/M10	60	5	55	65	50		9 650 071 509	4061245005935
ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete								
Concrete screw JC2-IT 6x45 M8/M10	45	5	40	50	50		9 650 071 504	4061245005928
Concrete screw JC2-IT 6x60 M8/M10	60	20	40	50	50		9 650 071 509	4061245005935





Windows & Glass Facades

Fasteners for window production, window installation and glass facades

Overview of products



Window production plastic
from page 316



Window production timber
page 329

Window production aluminium
from page 330



Window installation
from page 340



Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

Nylon Expansion
Anchoring
Technology

Metal + Chemical
Anchors

**Window / Glass
Facade Screws**

Accessories

Machinery
Spare Parts
Tools



EJOT® window screw type S



Cross references	page
Bit cross recess	378

Application range

- > Fastening of tilt and turn fittings in regular and thin-walled PVC profiles and in steel or GRP inserts
- > Fixing locking plates, strips and bearings

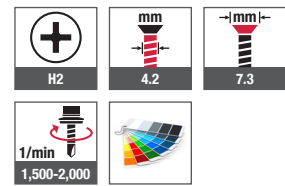
Properties

- > Classic screw for fittings, technically leading, with double-start thread
- > The optimum also in thin-walled profiles
- > High stripping torques and pull-out values in PVC
- > Roll-sorted quality for automated fastening
- > Case-hardened steel
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

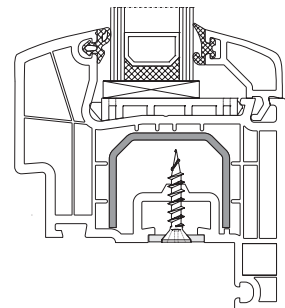
Processing information

- > Can also be fastened in steel, pre-drilling required (see chart)
- > Can also be fastened in GRP, pre-drilling might be required

Technical data



Certifications



Online shop

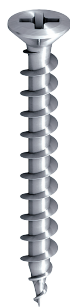


Sheet thickness	Pre-drilling diameter
1.5 mm	3.0 mm
2.0 mm	3.2 mm
2.5 mm	3.5 mm

Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Window screw S 4.2x13	4.2	13	1,000		2 225 413 607	4061245044637
Window screw S 4.2x16*	4.2	16	1,000		2 225 416 607	4061245044644
Window screw S 4.2x20	4.2	20	1,000		2 225 420 607	4061245044651
Window screw S 4.2x22	4.2	22	1,000		2 225 422 607	4061245044668
Window screw S 4.2x25*	4.2	25	1,000		2 225 425 607	4061245044675
Window screw S 4.2x30	4.2	30	1,000		2 225 430 607	4061245044682
Window screw S 4.2x35*	4.2	35	1,000		2 225 435 607	4061245044699
Window screw S 4.2x40	4.2	40	1,000		2 225 440 607	4061245044705
Window screw S 4.2x45	4.2	45	1,000		2 225 445 607	4061245044712
Window screw S 4.2x55	4.2	55	1,000		2 225 455 607	4061245044729

Order information: head finish in RAL colours upon request. TX15 drive upon request. *Stainless steel upon request

EJOT® self-drilling window screw type Super-E



Cross references	page
Bit cross recess	378

Application range

- > Fastening of tilt and turn fittings in PVC profiles and in steel or GRP inserts
- > Fixing locking plates, strips and bearings

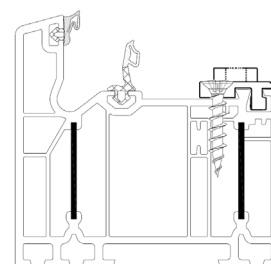
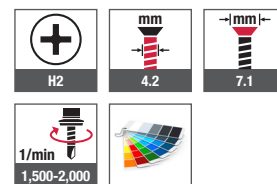
Properties

- > Cost-effective screw for fittings with one-start thread
- > Under-head serrations for increased safety against stripping
- > Slightly curved head for flawless appearance even with bevelled installation
- > Roll-sorted quality for automated fastening
- > Case-hardened steel
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Processing information

- > Can also be fastened in steel, pre-drilling required (see chart)
- > Can also be fastened in GRP, pre-drilling might be required

Technical data



Online shop



Sheet thickness	Pre-drilling diameter
1.5 mm	3.0 mm
2.0 mm	3.0 mm
2.5 mm	3.0 mm

Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Window screw Super-E 4.2x16	4.2	16	1,000		2 253 416 607	4061245041438
Window screw Super-E 4.2x20	4.2	20	1,000		2 253 420 607	4061245041421
Window screw Super-E 4.2x22	4.2	22	1,000		2 253 422 607	4061245041414
Window screw Super-E 4.2x25	4.2	25	1,000		2 253 425 607	4061245041407
Window screw Super-E 4.2x28	4.2	28	1,000		2 253 428 607	4061245041391
Window screw Super-E 4.2x30	4.2	30	1,000		2 253 430 607	4061245041384
Window screw Super-E 4.2x35	4.2	35	1,000		2 253 435 607	4061245041377
Window screw Super-E 4.2x40	4.2	40	1,000		2 253 440 607	4061245041360
Window screw Super-E 4.2x45	4.2	45	1,000		2 253 445 607	4061245041353
Window screw Super-E 4.2x55	4.2	55	1,000		2 253 455 607	4061245041346

Order information: head finish in RAL colours upon request. TX15 drive upon request.

EJOT® window screw type S/Tg



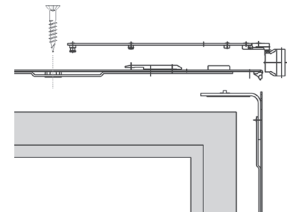
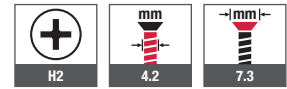
Application range

- > Fixing gear rack and baffle gear

Properties

- > Threadless area minimizes the friction at the joint of gear rack/ baffle gear
- > Threadless area ensures permanent easy opening and closing of the window
- > Case-hardened steel
- > Double-start thread with partial thread
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical data



Cross references	page
Bit cross recess	378

Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Window screw S/Tg 4.2x25	4.2	25	1,000		2 232 325 607	4061245044743

EJOT® self-drilling window screw type Super-E/Tg



Cross references	page
Bit cross recess	378

Online shop



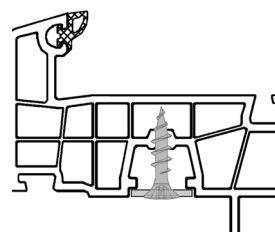
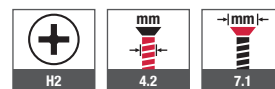
Application range

- > Fixing gear rack and baffle gear
- > For narrow casement profiles

Properties

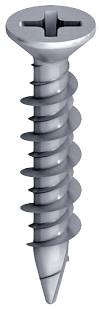
- > Threadless area minimizes the friction at the joint of gear rack/ baffle gear
- > Threadless area ensures permanent easy opening and closing of the window
- > Under-head serrations for increased safety against stripping
- > Case-hardened steel
- > Single-start thread with partial thread
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical data



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Window screw Super-E/Tg 4.2x22	4.2	22	1,000		2 290 336 607	4061245041247
Window screw Super-E/Tg 4.2x25	4.2	25	1,000		2 254 325 607	4061245041339

EJOT® window screw type ATS



Cross references	page
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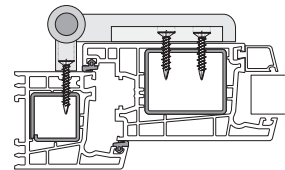
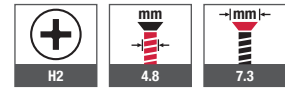
Application range

- > For increased loads
- > For reliable replacement of stripped fitting screws

Properties

- > With DSK point for precise and wobble-free fastening in PVC
- > With HT thread
- > Head diameter identical with fitting screw type S
- > Case-hardened steel
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical data



Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Window screw ATS 4.8x25	4.8	25	1,000		2 206 425 607	4061245041599
Window screw ATS 4.8x30	4.8	30	1,000		2 206 430 607	4061245041582
Window screw ATS 4.8x38	4.8	38	1,000		2 206 438 607	4061245041575

EJOT® self-drilling screw type FD42



Cross references	page
Bit cross recess	378

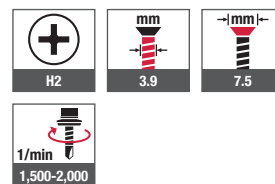
Application range

- > For fixing metal core and fittings to thick-walled and multi-ply PVC profiles and steel or aluminium reinforcements up to 4.0 mm thick

Properties

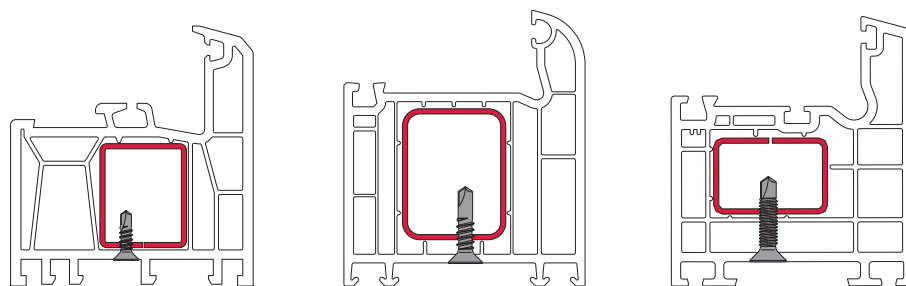
- > Drilling capacity up to 4.0 mm
- > One type of screw for up to three applications
- > Reduction of application errors
- > Reliable fastening process
- > Roll-sorted quality for automated fastening
- > Case-hardened steel
- > Special thread
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical data



Application examples

Until now, three different screw types were needed for these applications.



Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Self-drilling screw FD42 3.9x16	3.9	16	1,000		7 260 822 607	4061245040615
Self-drilling screw FD42 3.9x19	3.9	19	1,000		7 260 823 607	4061245044736
Self-drilling screw FD42 3.9x22	3.9	22	1,000		7 260 824 607	4061245040608
Self-drilling screw FD42 3.9x25	3.9	25	1,000		7 260 825 607	4061245040592
Self-drilling screw FD42 3.9x30	3.9	30	1,000		7 282 823 607	4061245045016
Self-drilling screw FD42 3.9x32	3.9	32	1,000		7 260 826 607	4061245040585
Self-drilling screw FD42 3.9x38	3.9	38	1,000		7 260 827 607	4061245040578
Self-drilling screw FD42 3.9x45	3.9	45	1,000		7 260 828 607	4061245040561

Order information: TX15 drive upon request.

EJOT® self-drilling screw type FD2



Cross references	page
Bit cross recess	322

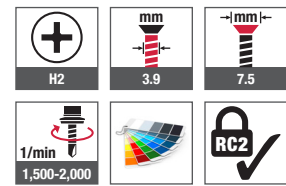
Application range

- > For fixing reinforced steel up to 3.0 mm in PVC windows with tight fitting reinforcement
- > Mounting of fittings

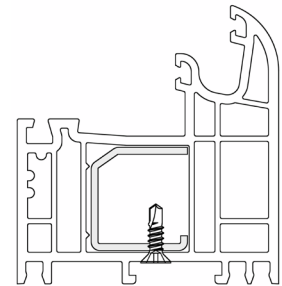
Properties

- > Burglar-resistant (RC2)
- > Roll-sorted quality for automated fastening
- > Case-hardened steel
- > With ST thread
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical data



Certifications



Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Self-drilling screw FD2 3.9x13	3.9	13	1,000		7 260 621 607	4061245045702
Self-drilling screw FD2 3.9x16	3.9	16	1,000		7 260 622 607	4061245045719
Self-drilling screw FD2 3.9x19	3.9	19	1,000		7 260 623 607	4061245045726
Self-drilling screw FD2 3.9x22	3.9	22	1,000		7 260 624 607	4061245045733
Self-drilling screw FD2 3.9x25	3.9	25	1,000		7 260 625 607	4061245045740
Self-drilling screw FD2 3.9x28	3.9	28	1,000		7 282 670 607	4061245045757
Self-drilling screw FD2 3.9x32	3.9	32	1,000		7 260 626 607	4061245045764
Self-drilling screw FD2 3.9x38	3.9	38	1,000		7 260 627 607	4061245045771
Self-drilling screw FD2 3.9x45	3.9	45	1,000		7 260 628 607	4061245045788

Order information: head finish in RAL colours upon request. TX15 drive upon request.

EJOT® self-drilling screw type FD1



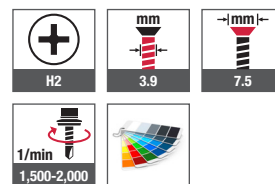
Application range

- > For fixing reinforced steel up to 3.0 mm in PVC windows with tight fitting reinforcement

Properties

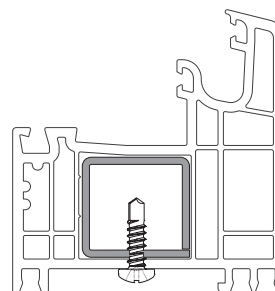
- > Roll-sorted quality for automated fastening
- > Case-hardened steel
- > With ST thread

Technical data



Cross references	page
Bit cross recess	322

Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Self-drilling screw FD1 3.9x9.5	3.9	9.5	1,000		7 260 520 601	4061245040646
Self-drilling screw FD1 3.9x13	3.9	13	1,000		7 260 521 601	4061245040639
Self-drilling screw FD1 3.9x16	3.9	16	1,000		7 260 522 601	4061245040622

Order information: head finish in RAL colours upon request. TX15 drive upon request.

EJOT® self-drilling screw type FDM2



Cross references	page
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Online shop



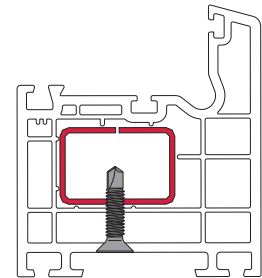
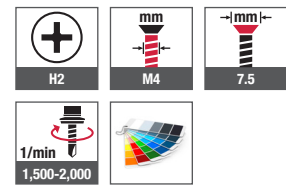
Application range

- > Fixing 1.5 - 3.5 mm reinforced steel in reinforced or multi-ply PVC windows
- > Mounting of fittings

Properties

- > The fine thread pitch of the metric thread prevents a forced feed in thick-walled PVC or in window profiles with multiple cavities
- > Roll-sorted quality for automated fastening
- > Case-hardened steel
- > With metric thread
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical data



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Self-drilling screw FDM2 M4x13	M4	13	1,000		7 286 601 607	4061245045795
Self-drilling screw FDM2 M4x16	M4	16	1,000		7 286 602 607	4061245045801
Self-drilling screw FDM2 M4x19	M4	19	1,000		7 286 603 607	4061245045818
Self-drilling screw FDM2 M4x22	M4	22	1,000		7 286 604 607	4061245045825
Self-drilling screw FDM2 M4x25	M4	25	1,000		7 286 605 607	4061245045832
Self-drilling screw FDM2 M4x32	M4	32	1,000		7 286 607 607	4061245045849
Self-drilling screw FDM2 M4x38	M4	38	1,000		7 286 608 607	4061245045856
Self-drilling screw FDM2 M4x45	M4	45	1,000		7 286 622 607	4061245045863

Order information: head finish in RAL colours upon request. TX15 drive upon request.

EJOT® self-drilling screw type FDM1



Cross references	page
Bit cross recess	378

Online shop



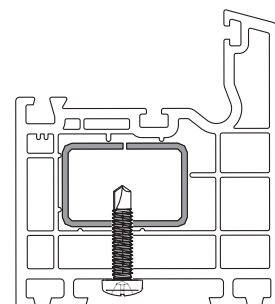
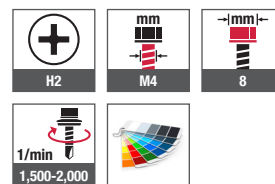
Application range

- > Fixing 1.5 - 3.5 mm reinforced steel in reinforced or multi-ply PVC windows

Properties

- > The fine thread pitch of the metric thread prevents a forced feed in thick-walled PVC or in window profiles with multiple cavities
- > Roll-sorted quality for automated fastening
- > Case-hardened steel
- > With metric thread
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical data



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL						
Self-drilling screw FDM1 M4x16	M4	16	1,000		7 285 502 607	4061245040479
Self-drilling screw FDM1 M4x19	M4	19	1,000		7 285 503 607	4061245040462
Order information: head finish in RAL colours upon request. TX15 drive upon request.						



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® transom screw



Application range

- > Transom fastening
- > Direct installation into timber and PVC

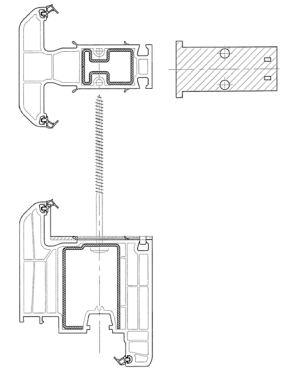
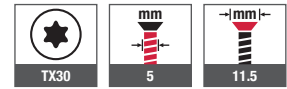
Properties

- > Partial thread
- > Case-hardened steel

Note

Check pre-drilling, when installing into hard wood

Technical data



Cross references

Bit hexalobular TX	page
	379

Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Transom screw 5.0x80/40	5.0	80/40	500		2 290 120 601	4061245041261
Transom screw 5.0x100/55	5.0	100/55	500		2 290 121 601	4061245041254

EJOT® rolo self-drilling screw type RD



Cross references	page
Bit cross recess	379

Application range

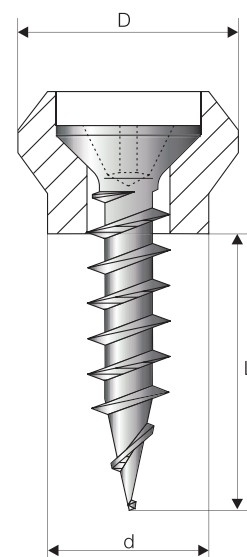
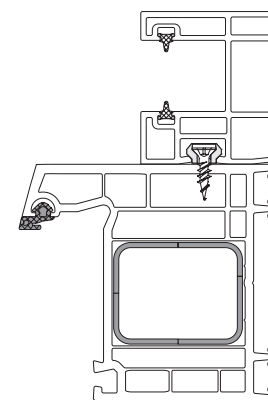
- Clamping of
- > roller-shutter profiles
 - > drip sills

Properties

- > With double-start thread

Rolo self-drilling screw	Profile
RD-1	Salamander
RD-2	Rehau, Inoutic, KBE, Aluplast, Deceuninck, Roplasto
RD-3	Trocal, Stöckel
RD-4	Kömmerling, Gealan, Roplasto
RD-5	Hocoplast, Aluplast
RD-6	Veka

Technical data



Online shop



Order description	D [mm]	d [mm]	L [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Rolo self-drilling screw RD-1 4x9 yellow*	9.5	6.8	9.0	1,000		2 289 121 602	4061245041322
Rolo self-drilling screw RD-2 4x13 red*	10.5	7.4	13.0	1,000		2 289 122 602	4061245041315
Rolo self-drilling screw RD-3 4x12 white*	12.0	8.4	12.0	1,000		2 289 123 602	4061245041308
Rolo self-drilling screw RD-4 4x10 blue*	11.0	8.6	10.0	1,000		2 289 124 602	4061245041292
Rolo self-drilling screw type RD-5 4x12 green	11.0	8.4	12.0	1,000		2 289 125 602	4061245041285
Rolo self-drilling screw type RD-6 4x12 yellow	9.5	6.8	12.0	1,000		2 289 126 602	4061245041278

Order information: Further versions upon request. *Also available as full-steel version.

EJOT® metric screw



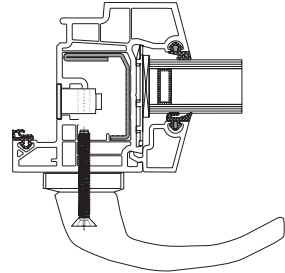
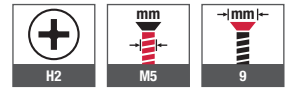
Application range

- > Fastening window handles

Properties

- > With dog point
- > Quality grade 4.8
- > With metric thread

Technical data



Cross references **page**

Bit cross recess 378

Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Metric screw M5x40	M5	40	500		2 237 540 401	4061245041452
Metric screw M5x48	M5	48	250		2 237 548 401	4061245041445

Order information: Further lengths and platings upon request

- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws**
- Accessories
- Machinery Spare Parts Tools

EJOT® window screw type Super-Jot



Cross references	page
Bit cross recess	378
Bit hexalobular TX	379

Application range

- > For fixing tilt and turn fittings in wood
- > Fixing locking plates and bearings etc.

Properties

- > The special thread geometry and the wax coating ensure low installation torques and high stripping or loosening torques
- > Immediate grip in the wood due to the cutting tip
- > Case-hardened steel
- > With special thread, reinforced
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Note

For use in wood with high tannin content (e.g. oak, beech, larch and impregnated wood) we recommend our stainless steel version. Also note a possible incompatibility with wood preservatives or impregnated timber. In case of doubt, use stainless steel version.

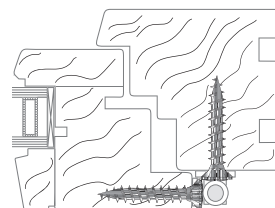
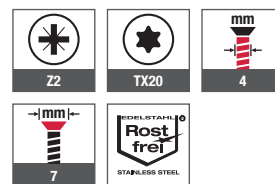
Recommended edge distance according to Eurocode 5

In Eurocode 5 "Design of timber structures - General rules and rules for buildings" the edge distance of the fixing with or without pre-drilling in timber are specified. For installation depths in hard wood over 25 mm, it is recommended to pre-drill with Ø 3 mm.

Recommended edge distance according to Eurocode 5 (former DIN 1052)

Pre-drilled	3 x screw diameter d
Without pre-hole	5 x screw diameter d

Technical data



Online shop



Order description	Diameter [mm]	Length [mm]	Drive	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL and wax coating							
Window screw type Super-Jot 4.0x25-Z	4.0	25	Z2*	1,000		2 211 225 608	4061245041568
Window screw type Super-Jot 4.0x30-Z	4.0	30	Z2*	1,000		2 211 230 608	4061245041544
Window screw type Super-Jot 4.0x35-Z	4.0	35	Z2*	1,000		2 211 235 608	4061245041537
Window screw type Super-Jot 4.0x40-Z	4.0	40	Z2*	1,000		2 211 240 608	4061245041520
Window screw type Super-Jot 4.0x45-Z	4.0	45	Z2*	1,000		2 211 245 608	4061245041506
Window screw type Super-Jot 4.0x50-Z	4.0	50	Z2*	1,000		2 211 250 608	4061245041490
A2 stainless steel							
Window screw Super-Jot 4.0x30-TX20	4.0	30	TX20	1,000		2 211 230 300	4061245041551
Window screw Super-Jot 4.0x45-TX20	4.0	45	TX20	1,000		2 211 245 300	4061245041513

*Upon request also with TX20 drive

EJOT PT® self-drilling screw type DG 40



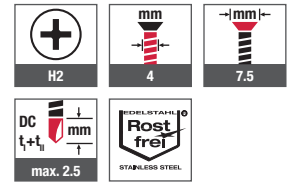
Application range

- > Fastening of metal fittings to aluminium

Properties

- > A2 stainless steel
- > Thread geometry optimised for aluminium for high pull-out strength
- > Countersunk head with drill point / WN1543
- > Thread DG 40

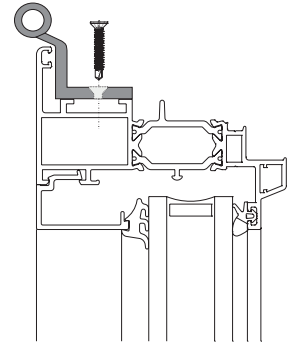
Technical data



Cross references

Bit cross recess	page
Bit cross recess	378

Online shop



Order description	Diameter [mm]	Length [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
PT type DG self-drilling screw 40x16	4.0	16	10	1,000		7 382 137 300	4061245040448
PT type DG self-drilling screw 40x25	4.0	25	19	1,000		7 382 138 300	4061245040431

EJOT PT® self-drilling screw type DG 50



Cross references	page
Bit hexalobular TX	379

Online shop



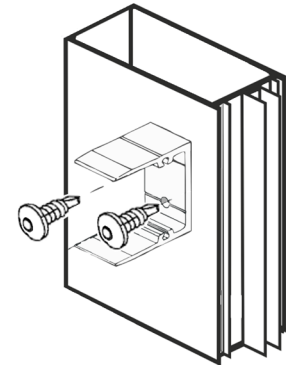
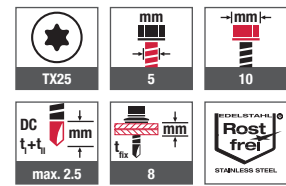
Application range

- > Direct fastening of T-bars to aluminium post and rail designs
- > Fastening of additional profiles, e.g. connecting profiles, expansion joints etc.

Properties

- > A2 stainless steel
- > Thread geometry optimised for aluminium for high pull-out strength
- > Pan head with drill point
- > Thread DG 50

Technical data








Order description	Diameter [mm]	Length [mm]	Clamp thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
PT type DG self-drilling screw 50x16	5.0	16	8	100		7 381 108 300	4061245040455

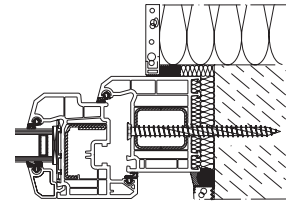
EJOT® frame anchor type RA-P



Cross references	page
Bit hexalobular TX	379
Hammer drill SDS plus®	374

Technical data

 TX30	 7.5	 11
 RC2	 ETB	EPH Dresden Inspection document No. 2614091-01
EPH Dresden Inspection document No. 2615013-01	EPH Dresden Inspection document No. 2617116-01	EPH Dresden Inspection document No. 2616119-01



- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws**
- Accessories
- Machinery Spare Parts Tools



Building materials	Installation depth ≥ [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

Onlineshop



Building materials	Pre-drilling diameter [mm]	Drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Concrete ≥ C12/15, solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick ≥ Plan T12	5.0	Rotary drilling
Aerated concrete ≥ PP4	omitted	omitted

Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Frame anchor type RA-P -7.5x40	7.5	40	100		2 231 040 601	4061245013060
Frame anchor type RA-P -7.5x60	7.5	60	100		2 231 060 601	4061245013053
Frame anchor type RA-P -7.5x70	7.5	70	100		2 231 070 601	4061245013046
Frame anchor type RA-P -7.5x80	7.5	80	100		2 231 080 601	4061245013039
Frame anchor type RA-P -7.5x90	7.5	90	100		2 231 090 601	4061245013022
Frame anchor type RA-P -7.5x100	7.5	100	100		2 231 100 601	4061245013015
Frame anchor type RA-P -7.5x120	7.5	120	100		2 231 120 601	4061245013008
Frame anchor type RA-P -7.5x135	7.5	135	100		2 231 135 601	4061245012995
Frame anchor type RA-P -7.5x150	7.5	150	100		2 231 150 601	4061245012988
Frame anchor type RA-P -7.5x180	7.5	180	100		2 231 180 601	4061245012971
Frame anchor type RA-P -7.5x210	7.5	210	100		2 231 210 601	4061245012964
Frame anchor type RA-P -7.5x250	7.5	250	50		2 231 250 601	4061245012957
Frame anchor type RA-P -7.5x300	7.5	300	50		2 231 300 601	4061245012940

EJOT® frame anchor type SA-H



Application range

- > Direct fastening of wooden or aluminum-wood windows in masonry and concrete, without any anchors
- > Efficient spaced fixing of windows and doors
- > Installation according to the RAL quality association guidelines for windows and doors

Properties

- > Burglar-resistant (RC2)
- > Reduced forming moulding and exact fit due to perfect thread geometry
- > Fast installation, reliable anchoring
- > Slim head pulls into the wooden outer frame flush with the surface
- > Case-hardened steel

Installation process

- > Drill \varnothing 6.2 mm frame holes, in-plant or on site, spacing acc. to RAL quality assessment
- > Align frame thoroughly in masonry opening
- > Drill holes into stone, for \varnothing refer to table, drill hole depth = installation depth + 10 mm
- > Fasten the EJOT frame anchors

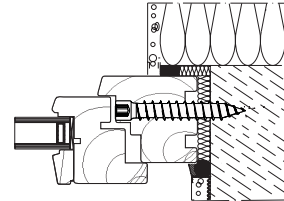
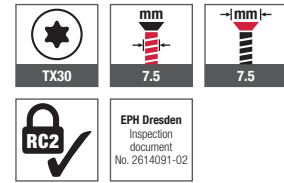
Edge distances

It is a special benefit of the EJOT frame anchors that they have virtually no expansion. Therefore, significantly smaller edge distances are possible than with conventional anchors. Please note the information given by the wall material manufacturer. Without specification given by the wall material manufacturer, we recommend a minimum edge distance of 50 mm for the EJOT frame anchors.

Note

For the installation of burglar-resistant or anti-fall devices, special assembly instructions apply!

Technical data



Cross references	page
Bit hexalobular TX	379
Hammer drill SDS plus®	374

Building materials	Installation depth ≥ [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

Online shop



Building materials	Pre-drilling diameter [mm]	Drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Concrete ≥ C12/15, solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick ≥ Plan T12	5.0	Rotary drilling
Aerated concrete ≥ PP4	omitted	omitted

Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Frame anchor type SA-H -7.5x60	7.5	60	100		2 249 060 601	4061245012933
Frame anchor type SA-H -7.5x80	7.5	80	100		2 249 080 601	4061245012926
Frame anchor type SA-H -7.5x100	7.5	100	100		2 249 100 601	4061245012919
Frame anchor type SA-H -7.5x120	7.5	120	100		2 249 120 601	4061245012902
Frame anchor type SA-H -7.5x135	7.5	135	100		2 249 135 601	4061245012896
Frame anchor type SA-H -7.5x150	7.5	150	100		2 249 150 601	4061245012889
Frame anchor type SA-H -7.5x180	7.5	180	100		2 249 180 601	4061245012872

EJOT® frame anchor type RA-U







Application range

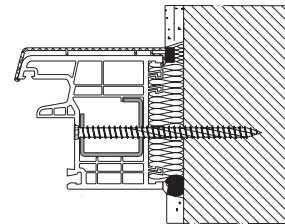
- > Direct fastening of plastic and wooden windows in masonry and concrete, without any anchors
- > Efficient spaced fixing of windows and doors
- > Installation according to the RAL quality association guidelines for windows and doors

Properties

- > Burglar-resistant (RC2), tested on steel-free plastic windows
- > Reduced forming moulding and exact fit due to perfect thread geometry
- > Fast installation, reliable anchoring
- > All-purpose for various window materials
- > Case-hardened steel
- > In the case of steel-reinforced windows, it is possible to dispense with pressure-resistant backing at the sides

Technical data

 TX30	 7.5	 8.5
 RC2	EPH Dresden Inspection document No. 2614091-01	EPH Dresden Inspection document No. 2617119-01



Cross references	page
Bit hexalobular TX	379
Hammer drill SDS plus®	374

Installation process

- > Drill Ø 6.2 mm frame holes, in-plant or on site, spacing acc. to RAL quality assessment
- > Align frame thoroughly in masonry opening
- > Drill holes into stone, for Ø refer to table, drill hole depth = installation depth + 10 mm
- > Fasten the EJOT frame anchors
- > Push-on cap if necessary

Edge distances

It is a special benefit of the EJOT frame anchors that they have virtually no expansion. Therefore, significantly smaller edge distances are possible than with conventional anchors. Please note the information given by the wall material manufacturer. Without specification given by the wall material manufacturer, we recommend a minimum edge distance of 50 mm for the EJOT frame anchors.

Note

For the installation of burglar-resistant or anti-fall devices, special assembly instructions apply!

Building materials	Installation depth ≥ [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

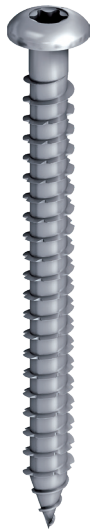
Online shop



Building materials	Pre-drilling diameter [mm]	Drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Concrete ≥ C12/15, solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick ≥ Plan T12	5.0	Rotary drilling
Aerated concrete ≥ PP4	omitted	omitted

Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Frame anchor type RA-U -7.5x40	7.5	40	100		2 261 040 601	4061245012865
Frame anchor type RA-U -7.5x60	7.5	60	100		2 261 060 601	4061245012858
Frame anchor type RA-U -7.5x70	7.5	70	100		2 261 070 601	4061245012841
Frame anchor type RA-U -7.5x80	7.5	80	100		2 261 080 601	4061245012834
Frame anchor type RA-U -7.5x100	7.5	100	100		2 261 100 601	4061245012827
Frame anchor type RA-U -7.5x120	7.5	120	100		2 261 120 601	4061245012810
Frame anchor type RA-U -7.5x135	7.5	135	100		2 261 135 601	4061245012803
Frame anchor type RA-U -7.5x150	7.5	150	100		2 261 150 601	4061245012797
Frame anchor type RA-U -7.5x180	7.5	180	100		2 261 180 601	4061245012780
Frame anchor type RA-U -7.5x210	7.5	210	100		2 261 210 601	4061245012773

EJOT® frame anchor type RA-Z



Application range











- > Direct fastening of plastic and wooden windows in masonry and concrete, without any anchors
- > Especially suited for PVC outer frame without reinforcing steel rods
- > Efficient spaced fixing of windows and doors
- > Installation according to the RAL quality association guidelines for windows and doors

Properties

- > Sleek and broad supported head (Ø12 mm)
- > Burglar-resistant (RC2), tested on steel-free plastic windows
- > Tested as fastening element according to the ETB guidelines "Building components which protect against falling from heights"
- > Reduced forming moulding and exact fit due to perfect thread geometry
- > Fast installation, reliable anchoring
- > Case-hardened steel
- > In the case of steel-reinforced windows, it is possible to dispense with pressure-resistant backing at the sides

Cross references	page
Bit hexalobular TX	379
Hammer drill SDS plus®	374

Technical data

 TX30	 7.5	 12
 RC2	 ETB	 EPH Dresden Inspection document No. 2614091-02
 EPH Dresden Inspection document No. 2615013-01	 EPH Dresden Inspection document No. 2617166-01	 EPH Dresden Inspection document No. 2616119-01
 EPH Dresden Inspection document No. 2618354		

Installation process

- > Drill Ø 6.2 mm frame holes, in-plant or on site, spacing acc. to RAL quality assessment
- > Align frame thoroughly in masonry opening
- > Drill holes into stone, for Ø refer to table, drill hole depth = installation depth + 10 mm
- > Fasten the EJOT frame anchors

Edge distances

It is a special benefit of the EJOT frame anchors that they have virtually no expansion. Therefore, significantly smaller edge distances are possible than with conventional anchors. Please note the information given by the wall material manufacturer. Without specification given by the wall material manufacturer, we recommend a minimum edge distance of 50 mm for the EJOT frame anchors.

Note

For the installation of burglar-resistant or anti-fall devices, special assembly instructions apply!

Building materials	Installation depth \geq [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

Online shop



Building materials	Pre-drilling diameter [mm]	Drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Concrete \geq C12/15, solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick \geq Plan T12	5.0	Rotary drilling
Aerated concrete \geq PP4	omitted	omitted

Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Frame anchor RA-Z -7.5x120	7.5	120	100		2 271 120 601	4061245012766
Frame anchor RA-Z -7.5x150	7.5	150	100		2 271 150 601	4061245012759
Frame anchor RA-Z -7.5x180	7.5	180	100		2 271 180 601	4061245012742
Frame anchor RA-Z -7.5x210	7.5	210	100		2 271 210 601	4061245012735
Frame anchor RA-Z -7.5x250	7.5	250	50		2 271 250 601	4061245012728
Frame anchor RA-Z -7.5x300	7.5	300	50		2 271 300 601	4061245012711

EJOT® coupling screw MS



Application range

- > Coupling of window and door profiles with reinforced steel

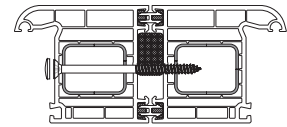
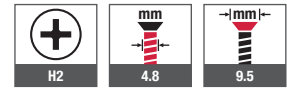
Properties

- > Case-hardened steel
- > ST thread

Installation process

- > Pre-drill component 1 with min. 5 to max. 6 mm
- > Pre-drill component 2 with 4 mm
- > Position on the already mounted element and align
- > Then fasten with EJOT coupling screw type MS

Technical data



Component 1 Component 2

Cross references	page
Bit cross recess	378

Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Coupling screw MS 4.8x55	4.8	55	100		2 200 555 601	4061245041636
Coupling screw MS 4.8x65	4.8	65	100		2 200 565 601	4061245041629
Coupling screw MS 4.8x80	4.8	80	100		2 200 580 601	4061245041612
Coupling screw MS 4.8x95	4.8	95	100		2 200 595 601	4061245041605
Order information: Including white RAL 9010 push-on caps						

EJOT® renovation screw RS-HT



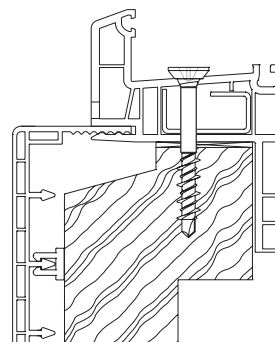
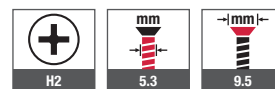
Application range

- > Installation of PVC windows in old wood frames
- > Reinforcement thickness max. 1.5 mm

Properties

- > Fast and efficient window replacement
- > The interior surface (render, wallpaper etc.) remains undamaged
- > The screw can be fastened directly into the timber, no pre-drilling required
- > Case-hardened steel
- > With HT thread

Technical data



Cross references	page
Bit cross recess	378

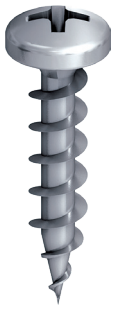
Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Renovation screw RS-HT 5.3x35	5.3	35	100		7 284 055 601	4061245040547
Renovation screw RS-HT 5.3x45/40	5.3	45	100		7 284 121 601	4061245040486
Renovation screw RS-HT 5.3x55/40	5.3	55	100		7 284 057 601	4061245040530
Renovation screw RS-HT 5.3x65/40	5.3	65	100		7 284 058 601	4061245040523
Renovation screw RS-HT 5.3x80/40	5.3	80	100		7 284 059 601	4061245040516
Renovation screw RS-HT 5.3x95/40	5.3	95	100		7 284 060 601	4061245040509

Order information: Including white RAL 9010 push-on caps

EJOT® window screw E/Zyl.



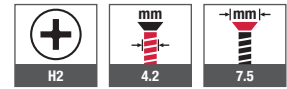
Application range

- > Fixing of, for example, top shutter boxes and sheathing

Properties

- > Case-hardened steel
- > With single-start thread

Technical data



Cross references	page
Bit cross recess	378

Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Window screw type E/Zyl. 4.2x16	4.2	16	1,000		2 234 416 601	4061245041483
Window screw type E/Zyl. 4.2x30	4.2	30	1,000		2 234 430 601	4061245041476
Window screw type E/Zyl. 4.2x55	4.2	55	1,000		2 234 455 601	4061245041469

EJOT® carrying strap screw



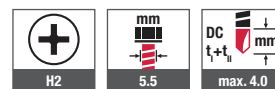
Application range

> Use in combination with EJOT window carrying strap

Note

After fastening the EJOT carrying strap screw, the grommet of the EJOT carrying strap is hooked over the head of the screw.

Technical data



Cross references	page
Bit cross recess	378
Carrying strap for windows	344

Online shop



Order description	Diameter [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated						
Carrying strap screw 5.5x22.5	5.5	22.5	500		7 284 062 601	4061245040493



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



EJOT® carrying strap for windows

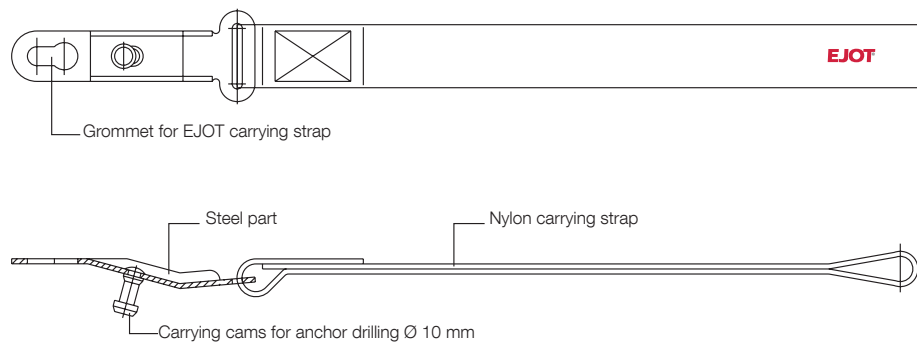


Application range

- > To support window elements
- > Can also be used in combination with EJOT window carrying strap screw
- > Carrying cams of the EJOT carrying strap are inserted into the anchor hole Ø 10 mm
- > Grommet is placed on the EJOT carrying strap screw
- > Fastening in the anchor hole Ø 10 mm

Properties

- > Bearing load of carrying cams with anchor hole 10 mm max. 80 kg
- > Bearing load with carrying strap screw max. 320 kg
- > Nylon carrying strap

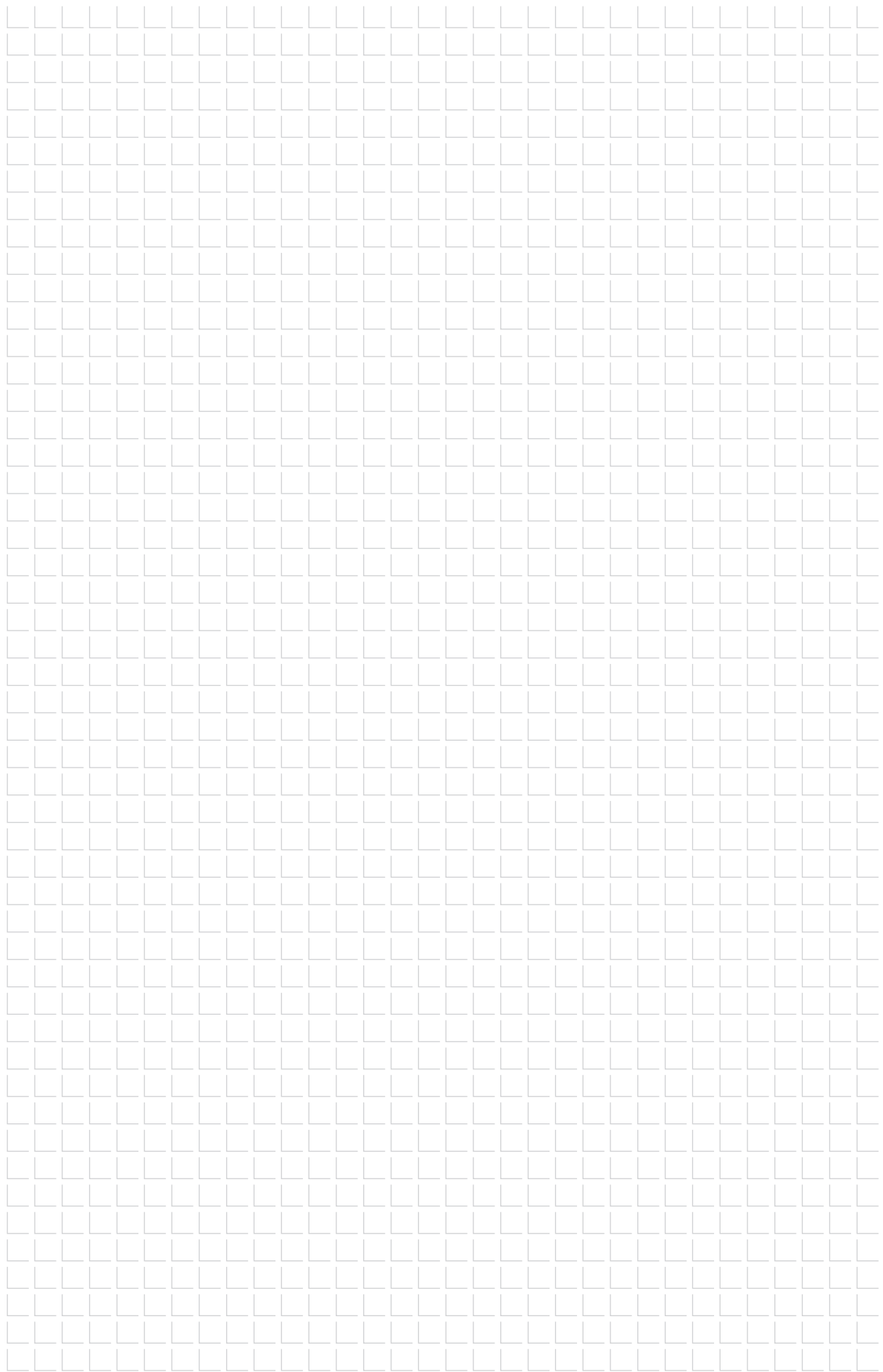


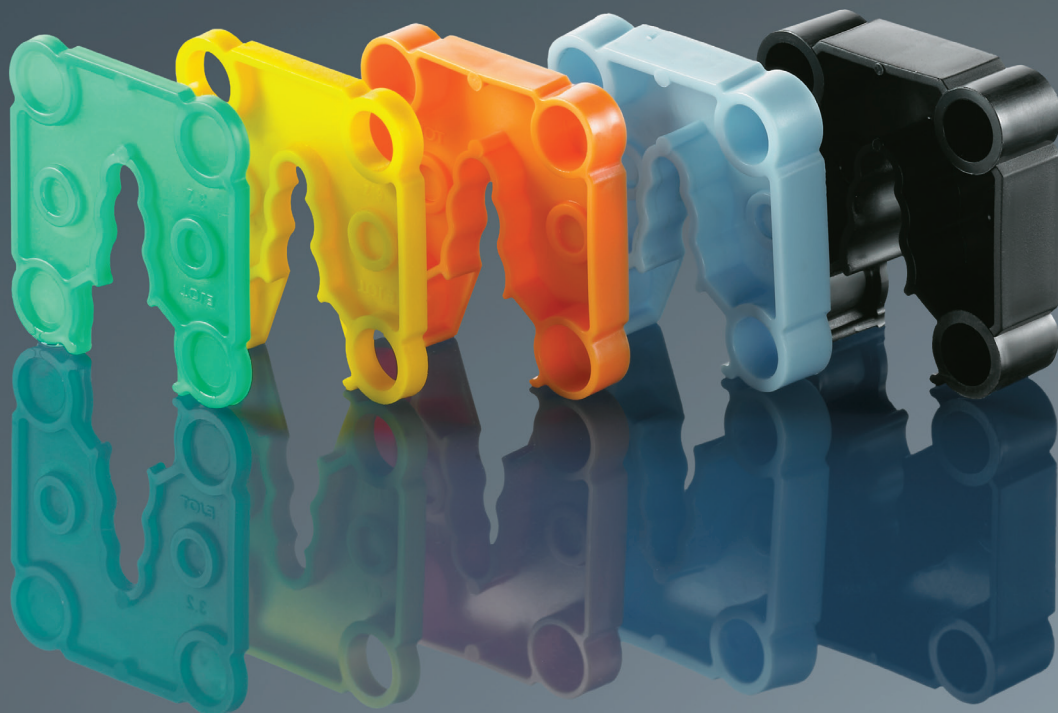
Cross references	page
Carrying strap screw	343

Online shop



Order description	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Carrying strap for windows, lockable	360	1		9 000 060 086	4061245046808

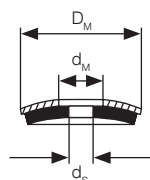
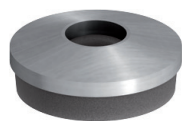




Accessories

Sealing washers, sealing tapes & Co.

EJOT® sealing washer E



Application range

- > Waterproofing
- > For improvement of the static and dynamic values
- > E38 and E50 to cover misdrills

Technical data



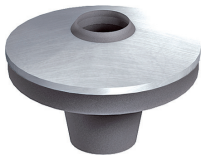
Properties

- > A2 stainless steel
- > 1 mm metal back
- > Bonded EPDM
- > Excellent weather and UV resistance

Order description	D _M [mm]	d _M [mm]	d _s [mm]	Elastomer thickness [mm]	For screws Ø [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11/2-5.7x1	11	5.7	4.0	2.0	4.8; 4.9; 5.5; DG40	100		3 010 092 300	4061245020778
Sealing washer E14/3-5.7x1	14	5.7	4.0	3.0	4.8; 4.9; 5.5	100		3 010 077 300	4061245020785
Sealing washer E14/3-6.8x1	14	6.8	4.9	3.0	6.0; 6.3; 6.5; 6.8	100		3 010 071 300	4061245044897
Sealing washer E16/3-5.7x1	16	5.7	4.0	3.0	4.8; 4.9	100		3 031 067 300	4061245044903
Sealing washer E16/3-6.8x1	16	6.8	4.0	3.0	5.5; 6.0; 6.3; 6.5; 6.8	100		3 010 067 300	4061245020808
Sealing washer E16/3-7.8x1	16	7.8	5.7	3.0	7.2; 7.5; DG70	100		3 030 011 300	4061245044910
Sealing washer E16/3-8.5x1	16	8.5	6.5	3.0	8.0	100		3 030 052 300	4061245038827
Sealing washer E19/3-6.8x1	19	6.8	4.0	3.0	4.8; 5.5; 6.0; 5.5/6.3	100		3 010 066 300	4061245020815
Sealing washer E19/3-6.8x1	19	6.8	4.9	3.0	6.3; 6.5; 6.8	100		3 030 066 301	4061245044927
Sealing washer E19/3-7.8x1	19	7.8	5.7	3.0	7.2; 7.5	100		3 030 066 300	4061245044934
Sealing washer E22/3-6.8x1	22	6.8	4.0	3.0	4.8; 4.9; 5.5; 6.0	100		3 010 013 300	4061245020839
Sealing washer E22/3-6.8x1	22	6.8	4.9	3.0	6.3; 6.5; 6.8; 6.5/7.0	100		3 030 013 301	4061245044941
Sealing washer E22/3-7.8x1	22	7.8	5.7	3.0	7.2; 7.5	100		3 030 013 300	4061245044958
Sealing washer E22/3-8.5x1	22	8.5	7.0	3.0	8.0	100		3 030 053 300	4061245038858
Sealing washer E29/3-6.8x1	29	6.8	4.0	3.0	5.5; 6.0; 6.3; 6.5; 6.8	100		3 010 015 300	4061245020822
Sealing washer E29/3-8.5x1	29	8.5	7.0	3.0	7.2; 8.0	100		3 030 055 300	4061245038865
Sealing washer E38-4	38	6.9	4.0	4.0	4.8; 5.5; 6.0; 5.5/6.3	10		3 030 073 300	4061245020907
Sealing washer E50-4	51	6.9	4.0	4.0	4.8; 5.5; 6.0; 5.5/6.3	10		3 030 075 300	4061245020914



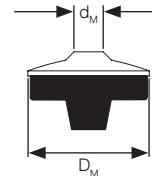
EJOT® mushroom washer

**Application range**

- > For fixing light diffusing panels

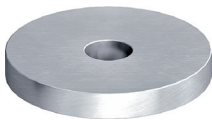
Properties

- > A2 stainless steel
- > 1 mm metal back
- > Moulded elastomer part
- > Pre-assembled on EJOT screws for JZ3, JA3

Technical data

Order description	Height [mm]	Collar diameter [mm]	D _M [mm]	d _M [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Mushroom washer EP 25	7.0	9.0	25	6.3	100		3 010 070 704	4061245020792

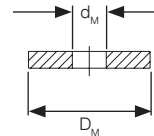
EJOT® shearing load washer VS

**Application range**

- > For use with EJOT screws JZ, JA, JT

Properties

- > Zinc-plated steel
- > Metal thickness 4 mm

**Online shop**

Order description	D _M [mm]	d _M [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Shearing load washer VS 29	29	6.7	100		3 010 000 003	4061245020846

EJOT® AS spacer



Cross references	page
Facade anchors	24B

Online shop

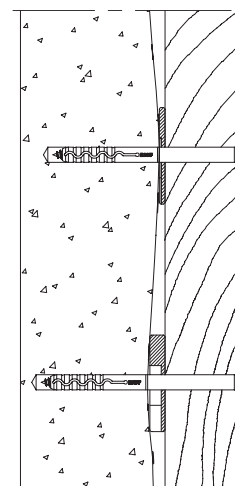


Application range

- > To compensate for tolerances on wall and roof

Properties

- > Plastics
- > All-purpose for anchor diameters of 6/8/10 mm
- > Easy installation through clipping-on from the side
- > Variable combinations



Order description	Width [mm]	Height [mm]	Thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
AS-3	50	50	3	100		8 600 725 700	7612336001557
AS-5	50	50	5	100		8 601 189 710	4039161005278
AS-8	50	50	8	100		8 601 233 720	7612336001557
AS-10	50	50	10	100		8 601 232 750	4039161005308
AS-15	50	50	15	100		8 601 187 730	4039161005315

EJOT® thread protection sleeve

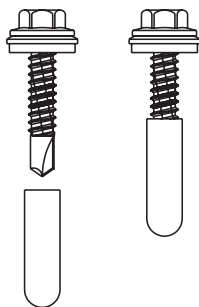


Application range

- > Thread end covering for EJOT screws
- > For diameters 4.2 / 4.8 / 5.5 / 6.3 / 6.5 mm

Properties

- > Soft plastic, transparent or RAL 9002 (grey-white)



Which thread protection sleeve for which EJOT screw?

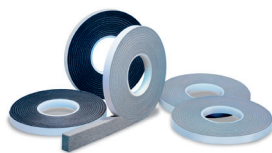
Screw	Thread protection sleeve
JT...-2-4.2	3.0x10
JF...-2H-4.8	3.0x10
JT...-2H-4.8	3.0x10
JT...-2-4.8	3.0x10
Dabo ...-4.8	4.5x25
Dabo ...-4.8	4.5x35
JT...-3-4.8	3.5x10
JT...-2H-5.5	3.5x10
JT...-2H-Plus-5.5	4.0x10
JT...-3H-5.5	4.0x10
JT...-3-5.5	4.0x10
JT...-4-5.5	4.5x10
JT...-6-5.5	4.5x10
JT...-8-5.5	4.5x10
JT...-12-5.5	4.5x25
JT...-18-5.5	4.5x25
JT...-2H-6.3	3.5x10
JT...-3H-6.3	4.5x10
JT...-4-6.3	4.5x10
JT...-6-6.3	5.0x10
JT...-X-6.0	4.0x10
JZ...-6.3	5.5x10
JA...-6.5	5.5x10
JF...-5.5	4.0x10

Online shop



Order description	internal Ø [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
transparent						
Thread protection sleeve 3.0x10 transparent	3.0	10	1,000		8 200 010 700	4061245020662
Thread protection sleeve 3.5x10 transparent	3.5	10	1,000		8 200 011 700	4061245020655
Thread protection sleeve 4.0x10 transparent	4.0	10	1,000		8 200 012 700	4061245020648
Thread protection sleeve 4.5x10 transparent	4.5	10	1,000		8 200 013 700	4061245020631
Thread protection sleeve 4.5x25 transparent	4.5	25	1,000		8 200 043 700	4061245020549
Thread protection sleeve 5.0x10 transparent	5.0	10	1,000		8 200 014 700	4061245020624
Thread protection sleeve 5.5x10 transparent	5.5	10	1,000		8 200 015 700	4061245020617
RAL 9002 (grey-white)						
Thread protection sleeve 3.0x10 RAL 9002	3.0	10	1,000		8 200 020 700	4061245020600
Thread protection sleeve 3.5x10 RAL 9002	3.5	10	1,000		8 200 021 700	4061245020594
Thread protection sleeve 4.0x10 RAL 9002	4.0	10	1,000		8 200 022 700	4061245020587
Thread protection sleeve 4.5x10 RAL 9002	4.5	10	1,000		8 200 023 700	4061245020570
Thread protection sleeve 4.5x25 RAL 9002	4.5	25	1,000		8 200 053 700	4061245020532
Thread protection sleeve 4.5x35 RAL 9002	4.5	35	1,000		8 200 054 700	4061245020525
Thread protection sleeve 5.0x10 RAL 9002	5.0	10	1,000		8 200 024 700	4061245020563
Thread protection sleeve 5.5x10 RAL 9002	5.5	10	1,000		8 200 025 700	4061245020556

ISO-BLOCO 300

**Product description**

ISO-BLOCO 300 is a PUR sealing tape impregnated with polymer dispersion. In its compressed state it is a reliable seal against driving rain, dust and drafts. With the appropriate compression, it offers a reliable protection against driving rain to a minimum of 300 Pa. Equivalent to strong gale 9 wind force, ISO-BLOCO 300 is also a thermal and acoustic insulation. It meets the high qualification requirements for the BG2 classification, in accordance with DIN 18542 issue 2009.

Application range

- > For sealing joints and connections in building construction and facades
- > For applications including windows, metal, masonry, wood and drywall
- > Can be used as a thermal barrier tape

Benefits

- > Complies with the DIN 18542 BG 2
- > Seals against wind, dust, splash water and driving rain
- > Permanently elastic with long-term movement absorption
- > Vapour diffusion permeable
- > Thermal and acoustic insulation
- > Can be painted over with standard emulsion paints
- > Good adhesive properties, to aid installation
- > Constant quality control according to DIN standards, with regular controls from independent institutions

Order description	Dimension joint depth x width [mm]	Box content [rolls]	Metres per roll [m]	PU [m]	Price/100 m [EUR]	Article number	EAN
ISO-BLOCO 300 10 / 1-4	10 / 1-4	30	13.0	390		0 030 010 104	4048368258912
ISO-BLOCO 300 15 / 1-4	15 / 1-4	20	13.0	260		0 030 015 104	4048368258929
ISO-BLOCO 300 15 / 2-6	15 / 2-6	20	12.0	240		0 030 015 206	4048368258387
ISO-BLOCO 300 15 / 4-9	15 / 4-9	20	8.0	160		0 030 015 409	4048368258417
ISO-BLOCO 300 20 / 1-4	20 / 1-4	15	13.0	195		0 030 020 104	4048368258936
ISO-BLOCO 300 20 / 2-6	20 / 2-6	15	12.0	180		0 030 020 206	4048368258394
ISO-BLOCO 300 20 / 4-9	20 / 4-9	15	8.0	120		0 030 020 409	4048368258424

*** Movement of structural elements and temporary changes in length of existing joints have to be taken into account for the suitable tape dimensions.**



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

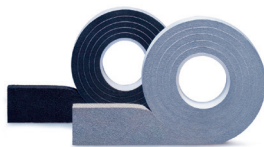
Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



ISO-BLOCO 600

**Product description**

ISO-BLOCO 600 is a PUR sealing tape impregnated with polymer dispersion. It is specially designed for reliable joint sealing in high rise buildings and facades up to 100 m high. Being a quality-tested BG 1 sealing tape, ISO-BLOCO 600 fulfils the stringent requirements of the DIN 18542 edition 2009. In addition to providing protection against driving rain to a minimum of 600 Pa (equivalent to wind force 11 - Violent Storm) ISO-BLOCO 600 also possesses outstanding thermal and acoustic characteristics.

Application range

For sealing construction joints (including moving joints) between

- > Prefabricated concrete
- > Outer frames and masonry
- > Skylights
- > Perimeter seals for fenestration

For areas including

- > Trapezoidal profiled sheets, sandwich and metal panels
- > Prefabricated elements made of concrete and other materials
- > Solid, timber and dry wall construction
- > Window installation

Benefits

- > Complies with the DIN 18542 BG 1
- > Reliability through a wider joint application range
- > Seals against wind, dust, splash water and driving rain
- > Vapour diffusion permeable
- > Good adhesive properties, to aid installation
- > Permanently elastic with long-term movement absorption
- > Thermal and acoustic insulation
- > Can be painted over with standard emulsion paints
- > Applications in all construction areas and building types are possible
- > CE-certified (ETA-07/0072)
- > Constant quality control according to DIN standards, with regular controls from independent institutions
- > Externally monitored by ift Rosenheim: for driving rain and air permeability (a-value)
- > 10-year performance warranty
(on the conditions of the manufacturer; available upon request)

Online shop

Order description	Dimension joint depth x width [mm]	Box content [rolls]	Metres per roll [m]	PU [m]	Price/100 m [EUR]	Article number	EAN
ISO-BLOCO 600 15 / 1-4	15 / 1-4	20	13.0	260		0 060 015 104	4048368254945
ISO-BLOCO 600 15 / 2-6	15 / 2-6	20	12.0	240		0 060 015 206	4048368254983
ISO-BLOCO 600 15 / 4-9	15 / 4-9	20	8.0	160		0 060 015 409	4048368255010
ISO-BLOCO 600 20 / 1-4	20 / 1-4	15	13.0	195		0 060 020 104	4048368254952
ISO-BLOCO 600 20 / 2-6	20 / 2-6	15	12.0	180		0 060 020 206	4048368254990
ISO-BLOCO 600 20 / 4-9	20 / 4-9	15	8.0	120		0 060 020 409	4048368255027

* Movement of structural elements and temporary changes in length of existing joints have to be taken into account for the suitable tape dimensions.

ISO-Zell PE Tape



Product description

ISO-ZELL PE Tapes are versatile sealing and pad tapes. These closed celled polyethylene foam tapes with their self-adhesive coating are characterised by a fine cellular structure and particularly by their flexibility. These properties and a continuously high quality allow efficient and reliable solutions for a wide spectrum of industry and building applications.

Application range

For sealing, damping, insulating and cushioning in the areas of

- > Trapezoidal metal sheets and metal structures
- > Solid, timber and prefabricated building constructions
- > Window construction
- > Dry wall and partitioning
- > Air conditioning and ventilation systems
- > Domestic appliances
- > Wagon and container construction
- > Machine and equipment manufacturing

Benefits

- > Flexible
- > Fine pored
- > Water repellent
- > High ageing resistance
- > Environmentally friendly - chemically neutral

Order description	Dimensions [mm]	Box content [rolls]	Metres per roll [m]	PU [m]	Price/100 m [EUR]	Article number	EAN
ISO-ZELL 2 x 20	2 x 20	120	20.0	2,400		0 070 020 020	4048368003932
ISO-ZELL 3 x 30	3 x 30	50	20.0	1,000		0 070 030 030	4048368004120
ISO-ZELL 3 x 50	3 x 50	25	20.0	500		0 070 030 050	4048368004144



Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

Nylon Expansion
Anchoring
Technology

Metal + Chemical
Anchors

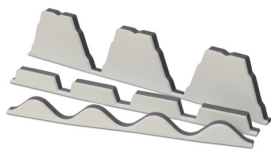
Window / Glass
Facade Screws

Accessories

Machinery
Spare Parts
Tools



ISO profile filler strips



Product description

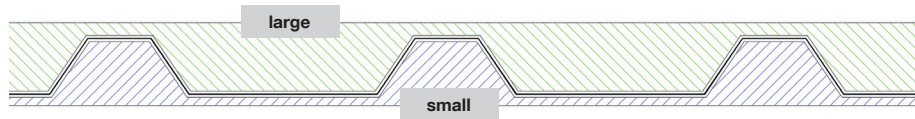
ISO-PROFIL filler strips are profile-cut tapes of high-quality PE foam material. They are used in metal and industrial building structures to seal and insulate trapezoidal and wave profile sheets. They have the optimum form for a wide range of European manufactured trapezoidal and corrugated metal sheeting.

Application range

- > Reliable and permanent sealing of trapezoidal and corrugated metal sheeting
- > Sound and thermal insulation
- > Roofing applications (roof ridge, eaves)
- > Facade (parapet connections)

Benefits

- > Exact fit and dimensions for every trapezoidal sheet
- > Fine cells with a consistent smooth surface
- > Permanently elastic as well as having form stability
- > Environmentally friendly - chemically neutral
- > Fire protection classification B2, B1 as a special property
- > Two-coloured for increased flexibility when installing
- > Conforms to the requirements of the new IFBS guidelines for joint tightness on lightweight steel constructions
- > High and regularly examined product quality



Order description	Profile	Stiffening corrugation	Strength [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
22 / 214 large	22 / 214 large	large	30	1		0 080 022 214	4048368174700
22 / 214 small	22 / 214 small	small	30	1		0 080 122 214	4048368174694
35 / 207 large	35 / 207 large	large	30	1		0 080 035 207	4048368164701
35 / 207 small	35 / 207 small	small	30	1		0 080 135 207	4048368164695
39 / 333 large	39 / 333 large	large	30	1		0 080 039 333	4048368166033
39 / 333 small	39 / 333 small	small	30	1		0 080 139 333	4048368164749
45 / 333 large	45 / 333 large	large	30	1		0 080 045 333	4048368220902
45 / 333 small	45 / 333 small	small	30	1		0 080 145 333	4048368220865
50 / 250 large	50 / 250 large	large	30	1		0 080 050 250	4048368163537
50 / 250 small	50 / 250 small	small	30	1		0 080 150 250	4048368163520
Fischer DL 40 / 333 large	Fischer DL 40 / 333 large	large	30	1		0 080 140 333	4048368136216
ROMA 42 / 333 large	ROMA 42 / 333 large	large	30	1		0 080 042 333	4048368165852
Brucha 42 / 333 large	Brucha 42 / 333 large	large	30	1		0 080 142 333	4048368174526
Kingspan 35 / 333 large	Kingspan 35 / 333 large	large	30	1		0 080 035 333	4048368165746
Thyssen 35 / 333 large	Thyssen 35 / 333 large	large	30	1		0 080 135 333	4048368053722
Lattonedil 37 / 200 large	Lattonedil 37 / 200 large	large	30	1		0 080 037 200	4048368186598
Corrugated sheet 18 / 76	Corrugated sheet 18 / 76	-	30	1		0 080 001 876	4048368162158
Corrugated sheet 55 / 177	Corrugated sheet 55 / 177	-	30	1		0 080 055 177	4048368162356

Order information: Version with UV-resistant aluminium lamination upon request

Machinery
Spare Parts
Tools



Machinery

Installation tools, spare parts and tools



Machinery
from page 358



Installation tools
from page 370



Tools
from page 372



Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

Nylon Expansion
Anchoring
Technology

Metal + Chemical
Anchors

Window / Glass
Facade Screws

Accessories

Machinery
Spare Parts
Tools



Powder-actuated fastening tool P 560



Application range

- > For fastening profiled steel sheets to steel substructures ≥ 6 mm
- > For fastening cassettes to steel substructures ≥ 6 mm

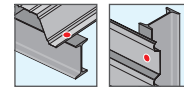
Properties

- > Automatic bolt, cartridge and piston feed
- > With tie pin magazine

Benefits

- > Fast installation sequence through automated repetition
- > Compact and lightweight design
- > Quick release fastening system
- > Easy cleaning
- > Stability system for secure storage

Applications



Certifications



Included in delivery

- 1 powder-actuated fastening tool
- 1 oil spray 35 ml
- 1 protective goggles
- 1 cleaning set
- 1 operating manual
- 1 transport box

Cross references

Cartridges Powder-actuated fastener	page
HSBR 14	133

Technical data

Weight incl. magazine	4.23 kg
Setting energy	520 J
Magazine	10 powder-actuated fasteners/10 cartridges
Cartridges	6.3/16 (black, red, blue)
Dimensions H x L x W	277 x 363 x 77 mm

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Powder-actuated fastening tool P 560	1		9 600 013 891	3439510138915
Accessories				
Barrel P560	1		9 600 014 139	4061245020945
Thrust piston P 560	1		9 600 014 137	3439510141373
Compressed ring P560	1		9 600 014 136	4061245020952
Cleaning set P560	1		9 600 074 000	3439510740002
Spray oil can 35 ml P560	1		9 600 310 080	3439513100803
Protective goggles P560	1		9 600 011 117	4061245020969

FEIN - 3-year FEIN PLUS warranty.



You're in good hands after making your purchase too.

Register your power tool and batteries – Obtain 3-year FEIN PLUS warranty.

FEIN products meet the most exact quality standards, so we provide you with a three-year warranty for free. All you have to do is register your FEIN product within six weeks of purchase under www.fein.com/warranty.

You can obtain detailed information about the scope of the 3-year FEIN Plus warranty directly from us or from your FEIN dealer.

Warranty-Hotline:

Tel. +49 (0)7173 183 - 431

E-Mail: warranty@fein.de



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FEIN provides a fast, efficient support for servicing, repairs and safety checks.

Contact:

Tel. +49 (0)7173 183 - 467

E-Mail: info@fein-service.de

FEIN always has a substitute.

Everything you need for your tools: for decades to come.

Technical Hotline:

Tel. +49 (0)7173 183 - 490

E-Mail: service@fein.de

Cordless metal screwdriver ASCS 6.3 Select

**Included in delivery**

- 1 ASCS 6.3
(without battery pack or battery charger)
- 1 plastic tool case
- 1 scaffolding anchor
- 1 depth stop
- 1 socket for hexagon screws A/F8

Application range

- > Torque-optimised cordless screwgun for fixing metal with screw diameters of up to 6.3 mm

Properties

- > Powerful battery for over 150 fixings in sheet steel
- > Path-oriented fastening through depth stop facilitates optimal fit of the sealing washers
- > Electronic torque shut-off for precise results even without depth stop
- > Maintenance-free, brushless motor with a very high degree of efficiency
- > Tested for over 500,000 single fixings
- > Over 1000 recharge cycles per battery pack
- > Extremely low weight
- > 3-year FEIN PLUS warranty including battery and charger (if registered online)
- > Optimum ergonomics with pistol handle for high contact pressure
- > Powerful up to 30 Nm

Technical data

Battery voltage	18 V
Load speed	0-1500 rpm
Idle speed	0-1700 rpm
Max. torque (hard/soft)	30/10 Nm
Quick change chuck	1/4"
Screws	Ø 6.3 mm
Battery pack	X

3-year FEIN PLUS warranty

including battery and charger
(if registered online)

For information see page

Online shop

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cordless screwdriver ASCS 6.3 Select	1		9 150 200 003	4014586881461
Accessories				
Depth stop sleeve	1		9150508100	4014586251318
Adapter for sealing washers ≤ Ø 16 mm	1		9150508016	4014586251288
Adapter for sealing washers ≤ Ø 22 mm	1		9150508022	4014586251295
Long screw support SH2 incl. socket holder, adapter and AF8 socket	1		9150508111	4250483605087
Socket AF 8 - 1/4" x 25	1		9150315000	4061245020976
Adapter for sealing washers ≤ Ø 22 mm	1		9151701029	4250483605094
Adapter for FZ sealing washers ≤ Ø 25 mm	1		9151701129	4250483605100



Battery packs and chargers

Online shop

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Battery Starter Set 18V / 3.0 Ah*	1		9 154 200 013	4014586891071
Battery Starter Set 18V / 6.0 Ah*	1		9 154 200 016	4014586891026
Rapid charger ALG 80	1		9 154 200 008	4014586890630
Battery pack 18V / 3.0 Ah	1		9 154 200 007	4014586890609
Battery pack 18V / 6.0 Ah	1		9 154 200 009	4014586890586

*Every Starter Set includes two Li-Ion batteries and a battery charger.

4-gear cordless screwgun ASCM 18 QM Select



Included in delivery

- 1 ASCM 18 QM Select (without battery pack or battery charger)
- 1 handle
- 1 removable full metal drill chuck
- 1 plastic tool case

Application range

- > Powerful cordless screwgun
- > Lightweight and extremely high endurance (18V/4Ah)

Properties

- > 4-gear full metal gear unit
- > Brushless FEIN PowerDrive motor with 30% higher degree of efficiency
- > Lithium-Ion battery with FEIN SafetyCell Technology. A separate communication line protects battery and tools from overloading
- > Removable full metal drill chuck / bit holder
- > Electronic torque adjustment
- > Motor and electronics are completely protected from dust
- > 1 800 fixings with only one battery charge
- > Fastens 10 x 400 mm screws without pre-drilling
- > High torques up to 90 Nm
- > Hard-metal clamping jaws hold round drill shafts extremely reliable
- > 3-year FEIN PLUS warranty including battery and charger (if registered online)

Technical data

Battery voltage	18 V
Motor	brushless
Gear	4-gear
Idle speed	400 / 800 / 1 950 / 3 850 rpm
Max. torque (hard/soft)	90/46 Nm
Torque levels	15 + 1
Drill chuck clamping range	1.5 - 13 mm
Screws	10 x 400 mm
Drill Ø timber	50 mm
Drill Ø steel	13 mm
Battery pack	X

3-year FEIN PLUS warranty

including battery and charger (if registered online)

For information see page

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cordless screwdriver ASCS 18 QM Select	1		9 150 340 000	4014586887340
Accessories				
Bit holder ASCM 18 QM (for bits with drive 1/4")	1		9 150 340 001	4014586404820
Socket adapter ASCM 18 QM (external square drive 1/2")	1		9 150 340 002	4014586404844



Battery packs and chargers

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Battery Starter Set 18V / 3.0 Ah*	1		9 154 200 013	4014586891071
Battery Starter Set 18V / 6.0 Ah*	1		9 154 200 016	4014586891026
Rapid charger ALG 80	1		9 154 200 008	4014586890630
Battery pack 18V / 3.0 Ah	1		9 154 200 007	4014586890609
Battery pack 18V / 6.0 Ah	1		9 154 200 009	4014586890586

*Every Starter Set includes two Li-Ion batteries and a battery charger.

Cordless impact screwdriver ASCD 18-300 W2 Select

**Included in delivery**

1 ASCD 18-300 W2 Select
(without battery pack or battery
charger)
1 belt clip
1 bit holder
1 plastic tool case

Application range

- > For metric fastening up to M18
- > **Exclusively for the use of concrete screws (JC2, JBS-R and frame anchor)**

Properties

- > Brushless FEIN PowerDrive motor with 30% higher degree of efficiency and long service life
- > Electronic 6-stage torque setting prevents screw heads from being torn off
- > 10% more torque in reverse running to loosen screws which are extremely tight
- > MultiVolt interface. Cordless tool can be operated with all FEIN Li-ion batteries (12-18 V)
- > 1/2" in square for holding sockets. Robust solid metal impact gear
- > Metric screws up to M18 (8.8). Contact guard on gearbox head
- > Compact design
- > One charger for all FEIN Li-ion batteries of all voltage classes The battery charge can be read off the battery
- > FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge
- > 3-year FEIN PLUS warranty including battery and charger (if registered online)

Technical data

Battery voltage	18 V
Motor	brushless
Idle speed	0 - 1700 rpm
Impacts	0 - 3400 rpm
Max. torque	290 Nm
Torque levels	6
Tool holder	1/2" external square
max. metric screw	M18 (8.8)
max. Ø wood screw	8 x 300 mm
Weight without battery	1.00 kg
Battery pack	X

3-year FEIN PLUS warranty

including battery and charger
(if registered online)

For information see page

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cordless impact screwdriver ASCD 18-300 W2 Select	1		9 150 330 000	4014586891026



Battery packs and chargers

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Battery Starter Set 18V / 3.0 Ah*	1		9 154 200 013	4014586891071
Battery Starter Set 18V / 6.0 Ah*	1		9 154 200 016	4014586891026
Rapid charger ALG 80	1		9 154 200 008	4014586890630
Battery pack 18V / 3.0 Ah	1		9 154 200 007	4014586890609
Battery pack 18V / 6.0 Ah	1		9 154 200 009	4014586890586

*Every Starter Set includes two Li-Ion batteries and a battery charger.

Online shop

Cordless hammer drill ABH 18 Select

**Included in delivery**

- 1 ABH 18 Select
(without battery pack or battery charger)
- 1 handle
- 1 depth stop
- 1 plastic tool case

Application range

- > For drilling up to 20 mm in concrete

Properties

- > Rapid work progress thanks to brushless motor with high impact energy
- > Fatigue-free working thanks to compact design and few vibrations
- > Protection for the user and tool by means of safety clutch and overload protection
- > Combination hammer with three functions: hammer drilling, drilling and chiselling
- > Brushless motor with 30% higher efficiency and long service life
- > 80 holes (10x75 mm) with one battery charge (5 Ah)
- > Producing 68 mm socket holes with drill bit in masonry
- > The optional drilling dust nozzle means that little dust is produced
- > Low-vibration working at just 12 m/s²
- > FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge
- > The battery charge can be read off the battery
- > 3-year FEIN PLUS warranty including battery and charger (if registered online)

Technical data

Battery voltage	18 V
Motor	brushless
Idle speed	0 - 1200 rpm
Impacts	0 - 4400 rpm
Impact energy	2.0 J
Tool holder	SDS-plus
Drill Ø concrete	20 mm
Drill Ø masonry	68 mm
Drill Ø steel	13 mm
Drill Ø timber	22 mm
Weight without battery	2.30 kg
Battery pack	X

3-year FEIN PLUS warranty

including battery and charger
(if registered online)

For information see page

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cordless hammer drill ABH 18 Select	1		9 150 320 000	4014586891026

**Online shop**

Battery packs and chargers

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Battery Starter Set 18V / 3.0 Ah*	1		9 154 200 013	4014586891071
Battery Starter Set 18V / 6.0 Ah*	1		9 154 200 016	4014586891026
Rapid charger ALG 80	1		9 154 200 008	4014586890630
Battery pack 18V / 3.0 Ah	1		9 154 200 007	4014586890609
Battery pack 18V / 6.0 Ah	1		9 154 200 009	4014586890586

*Every Starter Set includes two Li-Ion batteries and a battery charger.

Cordless nibbler ABLK 18 1.6 E Select



Included in delivery

- 1 ABLK 18 1.6 E (without battery pack or battery charger)
- 1 plastic tool case

Cross references

Battery packs and chargers 363

Application range

- > Compact nibbler suitable for bends for roof and facade construction
- > Precise cuts in trapezoidal and corrugated sheets as well as profiles

Properties

- > Cutting performance 40 m in 0.8 mm trapezoidal profiled sheet with one battery
- > 1.5 m/min cutting speed for outstanding work progress
- > Variable cutting speed due to electronically adjustable number of strokes
- > Short-term overlapping 2.6 mm
- > Optimum handling due to extremely small gear head
- > Light weight
- > QuickIN quick change system of die and punch
- > Rotating die for up to 30 % longer service life
- > In 45° steps variable by 360° adjustable cutting direction due to no-tool rotatable die support
- > Proven MultiMaster Motor with outstanding performance and service life
- > Low operating costs. Punch and die are exchanged independently.
- > 3-year FEIN PLUS warranty including battery and charger (if registered online)

Technical data

Battery voltage	18 V
Stroke rate	1 300 rpm
Cutting speed	1.5 m/min
Weight without battery	1.6 kg
Steel up to 400 N/mm ²	1.6 mm
Steel up to 600 N/mm ²	1.0 mm
Steel up to 800 N/mm ²	0.7 mm
Nonferrous metal up to 250 N/mm ²	2.5 mm
Cutting line width	5 mm
Dipping Ø with die	22 mm
Radius of the smallest curve (inside/outside)	30/35 mm
Battery pack	X

3-year FEIN PLUS warranty

including battery and charger (if registered online)

For information see page

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cordless nibbler ABLK 18 1.6 E Select	1		9 150 400 000	4014586886688
Accessories				
Die for ABKL 1.6 E	1		9 152 400 001	4014586224060
Punch for ABLK 1.6 E (pack of five)	1		9 152 400 002	4014586317984
Die carrier for ABLK 1.6 E	1		9 152 400 007	4014586246598
Profile set 160 ABLK 1.6 E	1		9 152 400 003	4014586851389
Die for profile set 160 ABLK 1.6 E	1		9 152 400 004	4014586209883
Punch guiding for profile set 160 for ABLK 1.6 E	1		9 152 400 010	4014586209869
Punch for profile set 160 ABLK 1.6 E	1		9 152 400 005	4014586246611
Wear plate for profile set 160 ABLK 1.6 E	1		9 152 400 006	4014586209876
Pan head screw for Profile set 160 ABLK 1.6 E	1		9 559 954 006	4061245020983

Nibbler BLK 2.0 E



Included in delivery

- 1 Nibbler BLK 2.0 E
- 1 die carrier
- 1 die
- 1 punch
- 1 plastic tool case

Application range

- > Compact nibbler with unlimited curve mobility for corners and edges
- > Up to 2.0 mm

Properties

- > High curve mobility due to special die geometry. Nibbler can be turned in place
- > Outstanding suitability for cutting folded sheet metal with a minimum bend radius of 3 mm
- > In 45° steps variable by 360° adjustable cutting direction due to no-tool rotatable die support
- > QuickIN quick change system
- > Optimum handling
- > Motor with outstanding performance and service life
- > Ideal for cut-outs
- > Suitable for stencil cut
- > Swarf protection grid at the ventilation slits
- > 5 metre cable
- > Stainless steel up to 1.0 mm
- > 3-year FEIN PLUS warranty (if registered online)

Technical data

Power consumption	350 W
Power output	210 W
Stroke rate	1 000 rpm
Cutting speed	1 m/min
Cable with plug	5 m
Weight acc. to EPTA	1.8 kg
Steel up to 400 N/mm ²	2.0 mm
Steel up to 600 N/mm ²	1.5 mm
Steel up to 800 N/mm ²	1.0 mm
Nonferrous metal up to 250 N/mm ²	2.5 mm
Plastic material	2.5 mm
Immersion Ø	with die 18 mm
Cutting line width	8 mm
Radius of the smallest curve (inside/outside)	4/0 mm

3-year FEIN PLUS warranty

including battery and charger (if registered online)

For information see page



Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Nibbler BLK 2.0 E	1		9 559 920 000	4014586869995
Accessories				
Die for BLK 2.0 E	1		9 559 920 001	4014586048550
Punch for BLK 2.0 E	1		9 559 920 002	4014586262987

Cordless slitting shears ABBS 18 1.6 E Select



Included in delivery

- 1 Cordless slitting shears ABBS 18 1.6 E (without battery pack or battery charger)
- 1 plastic tool case

Application range

- > Handy slitting shears, suitable for bends for metals and non-metals

Properties

- > Fast work progress due to excellent view of the cut through open cutting head
- > Left and right curved cut, as well as distortion-free cutting possible with just one continuous chip
- > QuicklN quick-change system for fast, key-free blade change without adjustment
- > Excellent ergonomics and low weight
- > Motor with outstanding performance and service life
- > Cutting blade with excellent service life
- > Cutting capacity with one battery charge 120 m
- > Clean swarf removal prevents scratching on the work piece and injuries
- > 3-year FEIN PLUS warranty including battery and charger (if registered online)

Technical data

Battery voltage	18 V
Stroke rate	2 000 - 3 500 rpm
Cutting speed	5 - 8 m/min
Steel up to 400 N/mm ²	1.6 mm
Steel up to 600 N/mm ²	1.2 mm
Steel up to 800 N/mm ²	0.8 mm
Nonferrous metal up to 250 N/mm ²	2.0 mm
Cutting width	5.0 mm
Radius of the smallest curve	90 (30) ¹ mm
Immersion diameter	15 (8) ¹ mm
Battery pack	X

¹ with curve knife

3-year FEIN PLUS warranty
including battery and charger (if registered online)
For information see page

Online shop



Order description

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cordless slitting shears ABBS 18 1.6 E Select	1		9 150 350 000	4014586886640

Accessories

Cutting dies ABSS 1.6 CE	1		9 559 966 005	4014586239613
Cutting knife for sheet steel up to 400 N/mm ² ABSS 1.6 CE	1		9 559 966 007	4014586239583



Battery packs and chargers

Online shop



Order description

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Battery Starter Set 18V / 3.0 Ah*	1		9 154 200 013	4014586891071
Battery Starter Set 18V / 6.0 Ah*	1		9 154 200 016	4014586891026
Rapid charger ALG 80	1		9 154 200 008	4014586890630
Battery pack 18V / 3.0 Ah	1		9 154 200 007	4014586890609
Battery pack 18V / 6.0 Ah	1		9 154 200 009	4014586890586

*Every Starter Set includes two Li-Ion batteries and a battery charger.

Jigsaw ASte 638



Included in delivery

- 1 jigsaw
- 2 packages saw blades
- 1 chip protection
- 1 plastic tool case

Cross references

Jigsaw blades	368
Cutting edge	368

Online shop



Application range

- > For optimum results in metal, stainless steel, insulating material (sandwich) and hard wood
- > Up to 10 mm steel / 60 mm timber

Properties

- > With extremely robust 4 mm stainless steel baseplate
- > Continuous, electronic torque adjustment for optimum cutting speed and saw blade service life
- > Excellent handling
- > Very quiet running due to precise mass balancing
- > Reversible swarf removal suction or blowing
- > 3-year FEIN PLUS warranty (if registered online)

Technical data

Power consumption	450 W
Power output	245 W
Stroke rate	1050-2600 rpm
Stroke length	20 mm
Cable with plug	5 m
Weight acc. to EPTA	2.3 kg
Stainless steel (V2A)	6 mm
Steel (St 37)	10 mm
Alu/copper, brass	15/10 mm
Soft wood/hard and plywood	60/50 mm
Fibreboard/glas fibres	30/30 mm
Steel/wood, plastic	8/6 mm

3-year FEIN PLUS

warranty

including battery and charger
(if registered online)

For information see page

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Jigsaw ASte 638	1		9 150 270 000	4014586839332



Jigsaw blades



Application range

> For metal and sandwich material

Online shop



Order description	Length [mm]	max. cutting power			PU [pieces]	Price/5 [EUR]	Article number	EAN
		Metal [mm]	Aluminium [mm]	Sandwich [mm]				
Jigsaw blade 120 mm	120	< 2	< 2	< 70	5	18.70	9 150 270 001	4014586179346
Jigsaw blade 180 mm	180	< 10	< 8	< 120	5	25.20	9 150 270 002	4014586305394

Order information: Further lengths and types on request.

Cutting edge



Application range

> Cutting edge for shortening sandwich panels and metal profiles

Note

Cutting height is reduced by 20 mm with the cutting edge. Please note when selecting the saw blade length!



Technical data

Total width max.	1.25 m
Total height max.	155 mm
Weight	11 kg

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cutting edge for sandwich panels and metal profiles	1		9 150 230 009	4061245020990

Order information: Model with greater overall height on request.

EJOT® battery riveter ECORIV® ONE 16.0V / 2.0 Ah

**Included in delivery**

- 1 battery riveter ECORIV ONE
- 4 retention nosepieces
- 2 batteries 2.0 Ah
- 1 rapid charger 220 V
- 1 installation wrench
- 1 plastic transport box L-Boxx

Cross references **page**Rivets 160**Application range**

- > For blind rivets made of aluminium, steel, copper and stainless steel up to Ø 5.0 mm
- > For bulbrite rivets up to Ø 5.2 mm

Benefits

- > Weight only 1.87 kg
- > Transparent mandrel container
- > Powerful Li-Ion batteries with charge indicator
- > Riveting point illuminated by LEDs
- > Delivery with retention nosepieces for rivets 2.4 mm, 3.0/3.2 mm, 4.0 mm and 4.8/5.0 mm
- > High-quality rapid charger
- > Prolonged front sleeves are optional
- > Special nosepieces are optional

Technical data

Working stroke	21 mm
Tensile force	10,000 N
Max. pin diameter	3.4 mm
Battery capacity 2.0 Ah (rivets per battery charge depending on type and material)	Up to 2,000 pieces
Charging time of battery 2.0 Ah	< 1 hour
Weight of riveting tool	1.54 kg
Weight of battery 16 V / 2.0 Ah	0.33 kg
Height (without battery)	approx. 24 cm
Length (incl mandrel container)	approx. 28 cm

Online shop**Order description**

ECORIV ONE 16.0V / 2.0 Ah

PU
[pieces]Price/1
[EUR]

Article number

EAN

1

9 150 490 190

4016111635136

Accessories

EJOT rapid charger 220 V for ECORIV ONE

1

9 150 490 195

4016111554970

EJOT battery ECORIV ONE 16V / 2.0 Ah

1

9 150 490 105

4016111554956

EJOT battery ECORIV ONE 16V / 4.0 Ah

1

9 150 490 194

4016111590046

EJOT retention nosepiece ECORIV ONE 2.4 mm

1

9 150 490 196

4016111605078

EJOT retention nosepiece ECORIV ONE 3.0+3.2 mm

1

9 150 490 197

4016111605085

EJOT retention nosepiece ECORIV ONE 4.0 mm

1

9 150 490 192

4016111605092

EJOT retention nosepiece ECORIV ONE 4.8+5.0 mm

1

9 150 490 193

4016111605108

EJOT® nosepiece Bulbrite ECORIV ONE 5.2 mm

1

9 150 490 127

4016111517913

EJOT® facade nosepiece ECORIV ONE 5.0 K11

1

9 150 490 132

4016111161734

EJOT® facade nosepiece ECORIV ONE 5.0 K14

1

9 150 490 133

4016111161741

EJOT® facade nosepiece ECORIV ONE 5.0 K16

1

9 150 490 134

4016111232885

Order information: ECORIV TWO upon request. Standard and special nosepieces upon request.

EJOT® installation tool ECOSET HTK



Application range

- > For safe, fast and efficient installation of EJOT® HTK 2G stress plates with EJOT Dabo® screws TKR, TKE and VHT-R

Properties

- > Variable length combinations with fast and direct locking adjustment
- > HTK collator change in seconds (25 pcs. pre-collated)
- > Due to the depth stop, screws can not be overwound
- > 3-year FEIN PLUS warranty for drive unit including battery charger (if registered online)

Benefits

- > Short assembly times with pre-collated fasteners
- > Easy and secure lock-in installations for different stress plate lengths
- > Fatigue-free fixing with high degree of installation reliability
- > Insulation thickness max. 280 mm

Note

HTK 2G stress plates can be processed up to 145 mm in length.

Included in delivery

- 1 installation tool (includes screwgun and H2-M6x35 mm bit)
- 1 spare battery
- 1 tool kit
- 1 operating manual

Cross references

	page
Stress plate HTK 2G	225
Bit PH2-1/4"Ex200	378

Online shop



3-year FEIN PLUS warranty
including battery and charger (if registered online)
For information see page

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Cartridge holder

By using the optional cartridge holder, the installation tool ECOSET-HTK can be filled with three cartridge loads at the same time. That equals 75 fasteners.

Technical data

Battery voltage	18 V
Load speed	0-1500 rpm
Idle speed	0-1700 rpm
Max. torque (hard/soft)	30/10 Nm
Weight	24 kg

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
EJOT installation tool ECOSET HTK (18-V battery drive)	1		9 153 500 000	4061245020303
Accessories				
Bit PH 2 - M6 x 35	1		9 250 612 000	4061245021027
Transport box	1		9 151 506 000	4061245020402
Spray oil 100 ml	1		9 150 911 000	4017777216004
Cartridge holder for ECOset-HTK	1		9 151 510 074	4061245020396
Battery pack 18V / 5.0 Ah	1		9 154 200 005	4014586882758
Rapid charger ALG 30	1		9 154 200 006	4014586863986

EJOT® installation tool ECOSET



Application range

- > For efficient fastening of belted EJOT Dabo® screws up to 160 mm length with EJOT® stress plate HTV 82/40
- > Modification for TKR/HTV 82/40 TK combination on request

Properties

- > Suitable for building sites, robust design
- > Screw and stress plate fed automatically
- > Due to the depth stop, screws can not be overwound
- > Stress plate collator capacity 100 washers
- > Dabo collator capacity 75 screws
- > Depth stop for proper adjustment of the screw-in depth
- > Protective insulation / interference-free
- > 3-year FEIN PLUS warranty for drive unit including battery and charger (if registered online)

Benefits

- > Up to 5 times higher fastening performance compared to conventional fastening solutions
- > Fatigue-free working in upright position with consistently high installation performance
- > Highest grade of reliability: EJOT Dabo® screw is always fastened at right angles to the roof surface

Included in delivery

- 1 installation tool (incl. screwgun, socket/bit and depth stop)
- 1 tool kit
- 1 spray oil
- 1 operating manual

Cross references	page
Stress plate HTV 82/40	216
Stress plate HTE 82/40	217
Stress plate HTV 82/40 TK	218
Dabo® screw SW 8 RT-4.8	202
Dabo® screw SW 8 RT-4.8	204
Dabo® screw TKR-4.8	206
Dabo® screw TKE-4.8	208

Online shop



Technical data

Battery voltage	18 V
Load speed	0-1500 rpm
Idle speed	0-1700 rpm
Max. torque (hard/soft)	30/10 Nm

3-year FEIN PLUS

warranty

including battery and charger (if registered online)

For information see page

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Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
EJOT installation tool ECOSET (18-V battery drive)	1		9 153 100 000	4061245020310
Accessories				
Socket A/F8-1/4"x30	1		9 150 315 001	4061245021003
Bit PH 2 - 1/4" x 30	1		9 150 006 000	4061245021010
Transport box	1		9 151 106 000	4061245020419
Spray oil 100 ml	1		9 150 911 000	4017777216004
Battery pack 18V / 5.0 Ah	1		9 154 200 005	4014586882758
Rapid charger ALG 30	1		9 154 200 006	4014586863986

Precision drill bit HSS



Application range

- > For structural steel

Properties

- > Form S
- > Short spiral groove



Online shop



Order description	D [mm]	L1 [mm]	Rotation speed [rpm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drill bit S 4.1/55	4.1	55	1000	10		9 250 405 000	4031093054782
Drill bit S 4.5/60	4.5	60	900	10		9 250 434 000	4031093054904
Drill bit S 4.5/175	4.5	175	900	10		9 250 436 000	4061245020136
Drill bit S 4.5/235	4.5	235	900	10		9 250 450 235	4031093070973
Drill bit S 4.5/295	4.5	295	900	10		9 250 450 295	4031093071550
Drill bit S 5.0/60	5.0	60	900	10		9 250 409 000	4061245020280
Drill bit S 5.0/125	5.0	125	900	10		9 250 411 000	4061245020273
Drill bit S 5.0/220	5.0	220	900	10		9 250 413 000	4061245020266
Drill bit S 5.0/250	5.0	250	900	10		9 250 414 000	4061245020259
Drill bit S 5.1/62	5.1	62	900	10		9 250 439 000	4031093055093
Drill bit S 5.3/60	5.3	60	800	10		9 250 415 000	4061245020242
Drill bit S 5.3/125	5.3	125	800	10		9 250 417 000	4061245020235
Drill bit S 5.3/220	5.3	220	800	10		9 250 419 000	4061245020228
Drill bit S 5.3/290	5.3	290	800	10		9 250 438 000	4061245020129
Drill bit S 5.5/65	5.5	65	750	10		9 250 420 000	4061245020211
Drill bit S 5.5/125	5.5	125	750	10		9 250 422 000	4061245020204
Drill bit S 5.5/220	5.5	220	750	10		9 250 423 000	4061245020198
Drill bit S 5.5/290	5.5	290	750	10		9 250 424 000	4061245020181
Drill bit S 5.7/65	5.7	65	700	10		9 250 425 000	4061245020174
Drill bit S 5.7/125	5.7	125	700	10		9 250 427 000	4061245020167
Drill bit S 5.7/220	5.7	220	700	10		9 250 429 000	4061245020150
Drill bit S 5.7/290	5.7	290	700	10		9 250 433 000	4031093438230
Drill bit S 6.8/75	6.8	75	600	10		9 250 430 000	4061245020143
Drill bit S 6.8/225	6.8	225	600	10		9 250 510 000	4061245020051
Drill bit S 6.8/325	6.8	325	600	10		9 250 680 325	4061245020044
Drill bit S 7.0/125	7.0	125	600	10		9 250 499 000	4061245020082
Drill bit S 7.0/225	7.0	225	600	10		9 250 493 000	4061245020112
Drill bit S 7.0/325	7.0	325	600	10		9 250 700 325	4061245020037
Drill bit S 7.2/125	7.2	125	600	10		9 250 504 000	4061245020075
Drill bit S 7.2/225	7.2	225	600	10		9 250 494 000	4061245020105
Drill bit S 7.2/325	7.2	325	600	10		9 250 720 325	4061245019970
Drill bit S 7.4/125	7.4	125	600	10		9 250 506 000	4061245020068
Drill bit S 7.4/225	7.4	225	600	10		9 250 497 000	4061245020099
Drill bit S 7.4/325	7.4	325	600	10		9 250 740 325	4061245019963

Precision drill bit HSCO

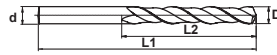


Application range

- > Hard-to-work materials such as rust- and acid-resistant steels

Properties

- > Long service life



Order description	D [mm]	L1 [mm]	Rotation speed [rpm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drill bit HSCO 4.0/55	4.0	55	450	10		9 250 405 500	4031093103077
Drill bit HSCO 4.0/119	4.0	119	450	10		9 250 401 190	4031093189521
Drill bit HSCO 4.6/58	4.6	58	400	10		9 250 320 000	4031093103268
Drill bit HSCO 4.6/126	4.6	126	400	10		9 250 461 260	4031093189590
Drill bit HSCO 5.0/62	5.0	62	350	10		9 250 506 200	4031093103381
Drill bit HSCO 5.0/132	5.0	132	350	10		9 250 501 320	4031093189651
Drill bit HSCO 5.4/66	5.4	66	350	10		9 250 330 000	4031093103534
Drill bit HSCO 5.4/139	5.4	139	350	10		9 250 541 390	4031093189712
Drill bit HSCO 5.6/66	5.6	66	350	10		9 250 350 000	4031093103596
Drill bit HSCO 5.6/139	5.6	139	350	10		9 250 561 390	4031093189743
Drill bit HSCO 5.8/66	5.8	66	350	10		9 250 340 000	4031093103640
Drill bit HSCO 5.8/139	5.8	139	350	10		9 250 370 000	4031093189767

Universal drill SDS plus®



Application range

- > Materials for **rotary drilling**

Properties

- > Drill bit specially designed for use in masonry
- > Extremely sharp, specially ground carbide-metal plate
- > For rotary drilling - no impact drilling possible - thanks to special SDS-plus retainer
- > Significantly higher anchor performance possible due to the precise and clean drill hole



Technical data



Online shop



Order description	D [mm]	L1 [mm]	L2 [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Universal drill SDS-plus 10/160	10	160	100	1		9 200 000 063	4061245021034
Universal drill SDS-plus 10/260	10	260	200	1		9 200 000 064	4061245021041

Hammer drill SDS plus®



Application range

> For masonry, concrete, natural stone, artificial stone etc.

Benefits

> Also for use in reinforced concrete



Technical data



Online shop



Order description	D [mm]	L1 [mm]	L2 [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
4 edges							
4-edge SDS-plus 5x160	5.0	160	100	1		9 210 005 160	4016707902017
4-edge SDS-plus 5x260	5.0	260	200	1		9 210 005 060	4016707914553
4-edge SDS-plus 5x410	5.0	410	350	1		9 210 005 350	4016707912788
4-edge SDS-plus 6x160	6.0	160	100	1		9 210 006 160	4016707902048
4-edge SDS-plus 6x260	6.0	260	200	1		9 210 006 260	4016707902062
4-edge SDS-plus 8x160	8.0	160	100	1		9 210 008 160	4016707902116
4-edge SDS-plus 8x260	8.0	260	200	1		9 210 008 260	4016707902130
4-edge SDS-plus 8x360	8.0	360	300	1		9 210 008 360	4016707904660
4-edge SDS-plus 8x600	8.0	600	540	1		9 210 008 600	4016707912610
4-edge SDS-plus 10x160	10.0	160	100	1		9 210 010 160	4016707902154
4-edge SDS-plus 10x260	10.0	260	200	1		9 210 010 260	4016707902178
4-edge SDS-plus 10x360	10.0	360	300	1		9 210 010 360	4016707904684
4-edge SDS-plus 10x460	10.0	460	400	1		9 210 010 460	4016707902208
4-edge SDS-plus 12x160	12.0	160	100	1		9 210 012 160	4016707902215
4-edge SDS-plus 12x260	12.0	260	200	1		9 210 012 260	4016707902239
4-edge SDS-plus 12x360	12.0	360	300	1		9 210 012 360	4061245047003
4-edge SDS-plus 14x160	14.0	160	100	1		9 210 014 160	4016707902260
4-edge SDS-plus 14x260	14.0	260	200	1		9 210 014 260	4016707902284
4-edge SDS-plus 14x310	14.0	310	250	1		9 210 014 310	4016707904691
4-edge SDS-plus 14x450	14.0	450	390	1		9 210 014 450	4016707902291
4-edge SDS-plus 16x160	16.0	160	100	1		9 210 016 160	4016707904707
4-edge SDS-plus 16x260	16.0	260	200	1		9 210 016 260	4016707904721
4-edge SDS-plus 20x250	20.0	250	190	1		9 210 020 250	4016707914744
4-edge SDS-plus 20x450	20.0	450	390	1		9 210 020 450	4016707914751
4-edge SDS-plus 25x250	25.0	250	190	1		9 210 025 250	4016707914744
4-edge SDS-plus 25x450	25.0	450	390	1		9 210 025 450	4016707326080
2 edges							
2-edge SDS-plus 15x160	15.0	160	100	1		9 710 000 114	4016707328244

Hammer drill A cone

**Application range**

> For masonry, concrete, natural stone, artificial stone etc.

Cross references **page**

Drill bit extension 320

Online shop

Order description	Diameter [mm]	Total length [mm]	Effective length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Hammer drill A cone 5x160	5.0	160	100	1		9 200 050 160	4016707270338
Hammer drill A cone 6x160	6.0	160	100	1		9 200 060 160	4061245022086
NEW Hammer drill A cone 8x160	8.0	160	100	1		9 200 080 100	4039161009405

Hammer drill A cone with flange

**Application range**

> For masonry, concrete, natural stone, artificial stone etc.

Cross references **page**

Drill bit extension 320

Benefits

> For exact depth control and optimal penetration of insulations

Order description	Diameter [mm]	Total length [mm]	Effective length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Hammer drill A cone 6x102/35	6.0	102	35	1		9 200 060 102	4016707922464



Drill bit extension



Application range

- > For hammer drill A cone
- > For hammer drill A cone with flange

Technical data



Cross references

Cross references	page
Hammer drill A cone	375

Online shop



Order description	Total length [mm]	PU [pieces]	Price/PU [EUR]	Article number	EAN
Drill bit extension SDS 500 mm	500	1		9 151 950 000	4016707908682
EJOT drillX spare parts kit	-	3		9 151 950 003	4039161009399

[Machinery Spare Parts Tools](#)
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[Window / Glass Facade Screws](#)
[Metal + Chemical Anchors](#)
[Nylon Expansion Anchoring Technology](#)
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[Rivets](#)
[Orkan Storm Washers](#)
[Self-tapping Screws](#)
[Direct Assembly](#)
[Facade Technology \(VHF\)](#)
[Self-drilling Screws](#)



Duster Expert SDS plus®



Application range

- > Concrete
- > Gas concrete
- > Granite
- > Sand-lime brick
- > Clinker brick
- > Aerated concrete
- > Marble
- > Masonry
- > Stone

Properties

- > Anti-dust drill bit for drilling and cleaning in one step

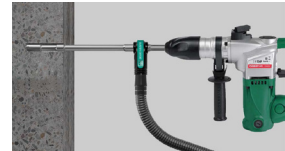
Benefits

- > Dust is removed directly in the drill hole
- > Simple usage and reliable anchor installation: Removes dust almost completely - subsequent cleaning of the drill hole is redundant
- > Cheap solution for the end user: Saves time during drill hole and / or environment cleaning
- > Same robustness and comparable performance as a standard drill
- > Universal and flexible usage with SDS-plus hammers and commercial vacuum cleaners

Recommended performance features for vacuum cleaners

- > Industrial vacuum cleaner class M
- > Hose length up to 5 m
- > Performance $P \geq 1,400$ W
- > Volume flow rate $v \geq 40$ l/sec
- > Reduced pressure $p \geq 230$ mbar
- > Automatic filter cleaning

Technical data



Online shop



Order description	Diameter [mm]	Width [mm]	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Duster Expert SDS-plus 8x270	8.0	150	270	1		9 250 815 270	4010159289702
Duster Expert SDS-plus 10x270	10.0	150	270	1		9 251 015 270	4010159289719
Duster Expert SDS-plus 12x320	12.0	200	320	1		9 251 220 320	4010159287838
Duster Expert SDS-plus 14x370	14.0	250	370	1		9 251 425 370	4010159287845
Duster Expert SDS-plus 16x370	16.0	250	370	1		9 251 625 370	4010159287869
Duster Expert SDS-plus 20x370	20.0	250	370	1		9 252 025 370	4010159287883

Bit hexagon



Form C 6.3

Cross references	page
Bit holder	379

Online shop



Technical data



Order description	Tip and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - form C 6.3						
AF5-1/4"/Cx25	AF5	25	1		9 250 514 025	4050623101154

Bit cross recess



Form C 6.3

Form E 6.3

Form M6

Cross references	page
Bit holder	379
Bit extension	380

Online shop



Technical data



Order description	Tip and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - form C 6.3						
PH2-1/4"/Cx25	H 2	25	1		9 250 474 000	4050623100232
Drive: 1/4" hexagon DIN/ISO 1173 - form E 6.3						
PH2-1/4"/Ex50	H 2	50	1		9 250 709 000	4050623102281
PH2-1/4"/Ex200	H 2	200	1		9 200 000 200	4061245021058
PH2-1/4"/Ex350	H 2	350	1		9 200 000 350	4061245021065
Drive: threaded connection M 6						
PH2-M6x35	H 2	35	1		9 250 612 000	4061245021027

Bit hexalobular TX



Cross references	page
Bit holder	379
Bit extension	380

Online shop



Technical data



Order description	Tip and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - C 6.3						
TX20-1/4"/Cx25	TX20	25	1		9 150 010 000	4050623100553
TX20W-1/4"/Cx25*	TX20W	25	1		9 150 008 000	4050623100744
TX25-1/4"/Cx25	TX25	25	1		9 150 009 000	4061245021072
TX25W-1/4"/Cx25*	TX25W	25	1		9 150 003 000	4061245021102
TX30-1/4"/Cx25	TX30	25	1		9 250 431 000	4050623100584
TX30W-1/4"/Cx25*	TX30W	25	1		9 250 431 002	4050623100775
TX40-1/4"/Cx25	TX40	25	1		9 250 480 000	4050623100591
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3						
TX30-1/4"/Ex50	TX30	50	1		9 250 431 001	4050623102670
TX30-1/4"/Ex200	TX30	200	1		9 253 014 200	4039161010975
TX30-1/4"/Ex350	TX30	350	1		9 253 014 350	4061245021096
Drive: threaded connection M 6						
TX25-M6x33	TX25	33	1		9 250 251 425	4061245021089
TX30-M6x33	TX30	33	1		9 250 251 430	4050623103936
* Special bit: conical design for force fit at screw head						

Bit holder



Cross references	page
Bit hexagon	378
Bit cross recess	378
Bit hexalobular TX	379
Cordless screwdriver ASCS 6.3	360

Online shop

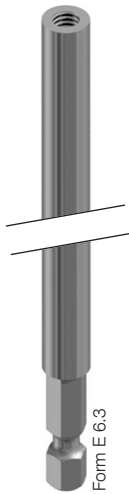


Technical data



Order description	Tip and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3						
BT-1/4"-1/4"x57	AF 1/4"	57	1		9 150 506 031	4050623800019
BT-1/4"-1/4"x250	AF 1/4"	250	1		9 250 010 120	4061245021126

Bit extension



Form E 6.3

Online shop



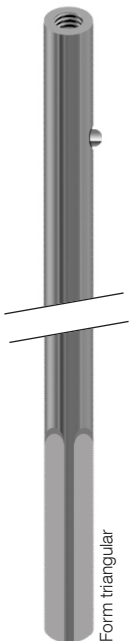
Technical data



Order description	Tip and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - form E 6.3						
Bit extension M6 x 50	M 6	50	1		9 150 000 002	4250483605209
Bit extension M6 x 300	M 6	300	1		9 150 000 003	4250483605216
Bit extension M6 x 600	M 6	600	1		9 151 510 071	4250483605070

Cross references	page
Bit PH2-M6x35	378
Bit hexalobular TX	379
TX25-M6x33	379
TX30-M6x33	379
EcoTek Tool	386

NEW Bit extension with spring pin



Form triangular

Application range

- > For the ergonomic installation of pre-assembled flat roof fasteners (TKR-4.8 or TKE-4.8 with HTK-2G plastic stress plate)

Technical data



Properties

- > Spring pin with clamping feature
- > Flat roof fasteners are easily pushed onto the bit extension

Order description	Tip and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: triangular						
Bit extension with spring pin M6x600	M 6	600	1		9 150 000 004	4061245060002

Socket wrench insert



Cross references **page**
Cordless screwdriver ASCS 6.3 360

Online shop



Technical data



Order description	Tip and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3						
K-AF7-1/4"x50 with ball and flat spiral spring	AF7	50	1		9 250 705 106	4061245019987
K-AF8-1/4"x50 with ball and flat spiral spring	AF8	50	1		9 250 705 104	4061245020006
K-AF3/8"-1/4"x50 with ball and flat spiral spring	AF 3/8"	50	1		9 250 705 105	4061245019994
K-AF10-1/4"x50 with ball and flat spiral spring	AF10	50	1		9 250 705 102	4061245020020
K-AF13-1/4"x50 with ball and flat spiral spring	AF13	50	1		9 250 705 103	4061245020013
S-AF17-1/4"x65 with magnet bracket	AF17	65	1		9 250 705 107	4061245021119

Socket wrench



Cross references **page**
Torque wrench 1/2" 383

Technical data



Order description	Tip and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/2" square						
Nut socket S-AF13-1/2"x78	AF13	78	1		9 250 072 062	4050623702849
Nut socket S-AF15-1/2"x78	AF15	78	1		9 250 172 028	4050623702863
Nut socket S-AF17-1/2"x78	AF17	78	1		9 250 072 065	4050623702887
Nut socket S-AF19-1/2"x78	AF19	78	1		9 250 072 067	4050623702900
Nut socket S-AF22-1/2"x78	AF22	78	1		9 250 072 069	4050623702924
Nut socket S-AF24-1/2"x78	AF24	78	1		9 250 072 070	4050623702931
Nut socket S-AF27-1/2"x78	AF27	78	1		9 250 072 071	4050623702948
Nut socket S-AF30-1/2"x78	AF30	78	1		9 250 172 032	4050623702955
Nut socket S-AF32-1/2"x78	AF32	78	1		9 250 172 033	4050623702962
Nut socket S-AF36-1/2"x78	AF36	78	1		9 250 172 072	4050623702979

Torque wrench 1/2" 10 - 50 Nm



Properties

- > Automatically triggered
- > With audible and tactile clicks when reaching the scale values
- > Robust design with reversible ratchet
- > For clockwise tightening
- > With ergonomic 2-component handle
- > Audible and tactile trigger signal
- > Trigger accuracy $\pm 3\%$ according to DIN EN ISO 6789-1:2017-07

Technical data

Length	360 mm
Drive square	1/2"
Area of operation	10 - 50 Nm
Model	Click-Torque C1
Scale division	0.25 Nm

Cross references

	page
Socket wrench	381

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Torque wrench 1/2" 10-50 Nm	1		9 250 580 858	4013288193216

Torque wrench 1/2" 60 - 300 Nm



Properties

- > Automatically triggered
- > With audible and tactile clicks when reaching the scale values
- > Robust design with reversible ratchet
- > For clockwise tightening
- > With ergonomic 2-component handle
- > Audible and tactile trigger signal
- > Trigger accuracy $\pm 3\%$ according to DIN EN ISO 6789-1:2017-07

Technical data

Length	595 mm
Drive square	1/2"
Area of operation	60 - 300 Nm
Model	Click-Torque C4
Scale division	1 Nm

Cross references

	page
Socket wrench	381

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Torque wrench 1/2" 60-300 Nm	1		9 250 580 861	4013288193247

EJOT® FR Tool



Cross references **page**

Cordless screwdriver ASCS 6.3 360

Application range

- > For reliable fixing of corrugated and trapezoidal profile sheet with FR screws
- > For FR screws with sealing washers Ø 11 mm

Properties

- > Easy handling
- > Optimum installation in any position
- > Reliable screw guidance
- > Captive

Benefits

- > For efficient fixing of corrugated and trapezoidal profiles
- > Fastener does not buckle to the side

Technical data



Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3				
EJOT FR Tool	1		9 153 600 000	4061245061603
Bit T25-1/4"/Ex70	1		9 150 011 000	4050623107200

EJOT® FR Variotool



Cross references **page**

Cordless screwdriver ASCS 6.3 360

Application range

- > For reliable fixing of corrugated and trapezoidal profile sheet with FR screws
- > For FR screws without sealing washers

Properties

- > Easy handling
- > Optimum installation in any position
- > Reliable screw guidance
- > Captive

Benefits

- > For efficient fixing of corrugated and trapezoidal profiles
- > Fastener does not buckle to the side

Technical data



Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3				
EJOT FR Variotool	1		9 153 630 000	4061245061610

EJOT® FR Tool plastic



Cross references **page**
Cordless screwdriver ASCS 6.3 360

Application range

- > For reliable fixing of corrugated and trapezoidal profile sheets with FR screws

Properties

- > Easy handling
- > Optimum installation in any position
- > Reliable screw guidance
- > Captive

Benefits

- > For efficient fixing of corrugated and trapezoidal profiles
- > Fastener does not buckle to the side

Technical data



Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3				
EJOT FR Tool plastic	1		9 152 600 000	4061245020358

EJOT® LT/STS Tool plastic



Cross references **page**
Cordless screwdriver ASCS 6.3 306

Application range

- > For reliable fastening of LT-screws with 16 mm head diameter
- > For reliable fastening of STS-screws with 12 mm and 14.5 mm head diameter

Properties

- > Easy handling
- > Optimum installation in any position
- > Reliable screw guidance

Benefits

- > Fastener does not buckle to the side

Technical data



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3				
LT/STS tool plastic	1		9 152 700 000	4061245020341

EJOT® LT-XT Tool



Cross references **page**
Cordless screwdriver ASCS 6.3 360

Application range

- > For reliable fastening of LT-XT screws with 16 mm head diameter
- > For driving the LT-XT centring grommets

Properties

- > Easy handling
- > Optimum installation in any position
- > Reliable screw guidance

Benefits

- > Fastener does not buckle to the side
- > Long service life and high precision thanks to steel version

Technical data



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3				
EJOT LT-XT Tool	1		9 152 800 000	4061245020334

EJOT® A/F8 VARIO Tool



Cross references **page**
Cordless screwdriver ASCS 6.3 360

Application range

- > For the reliable fastening of JT6 and JT9-2/5-5.0 VARIO
- > For strip-proof fastening of JF3-5.5 with sealing washer ≤ E14

Properties

- > Clamping feature
- > Easy handling
- > Optimum installation in any position
- > Reliable screw guidance

Benefits

- > Fastener does not buckle to the side
- > Long service life and high precision thanks to steel version
- > Constant clamp load in the joint due to fastening until end stop
- > Reduced external diameter of 17.2 mm

Technical data



Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3				
A/F8-Vario Tool	1		9 152 900 000	4061245020327



Self-drilling Screws

Facade Technology (VHF)

Direct Assembly

Self-tapping Screws

Orkan Storm Washers

Rivets

Fasteners for Solar / Photovoltaic

Scaffolding Anchors

Pipe Flashings

Flat Roof Fasteners

Nylon Expansion Anchoring Technology

Metal + Chemical Anchors

Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



NEW Complete EJOT® EcoTek Tool



Cross references	page
Stress plate EcoTek 50	228
JBS-R/EcoTek	231
Cordless screwdriver ASCS 6.3	360
Bit extension	380

Application range

> Adjustment tool for the usage of the concrete screw JBS-R in combination with the stress plate EcoTek 50

Properties

> Easy handling
> Optimal installation depth of the EcoTek 50

Note

To be used only with corresponding bit extension.

Onlineshop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3				
Complete EcoTek Tool	1		8 595 100 000	4061245062518

Magnet bracket HTV-RU



Cross references	page
Stress plate HTV RU 40 W	221
Cordless screwdriver ASCM 18	361

Application range

> Installation tool for stress plate HTV RU 40 W

Technical data



Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: triangular				
Magnet bracket HTV-RU	1		7 999 001 716	4061245020679
Bit cross recess PH2-M6x35	1		9 250 612 000	4061245021027

EJOT® tool belt



Application range

- > For ergonomic installation of insulation support anchors DH, facade anchors and through bolts

Properties

- > Can take up to 50 insulation support anchors DH



Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Tool belt	1		9 150 000 001	4061245020457

NEW EJOT® hip belt flat roof



Application range

- > For the ergonomic installation of pre-assembled flat roof fasteners (TKR-4.8, TKE-4.8, FPS-E/EcoTek, JBS-R/EcoTek, HTV RU 40 W, FDD Plus, FDD Plus S)

Properties

- > Waterproof sturdy material
- > Hip belt with plastic buckle
- > Suitable for up to 500 fasteners
- > Scale for length determination

Technical data



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Hip belt flat roof	1		9 150 000 000	4061245059808



Self-drilling Screws

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Metal + Chemical Anchors

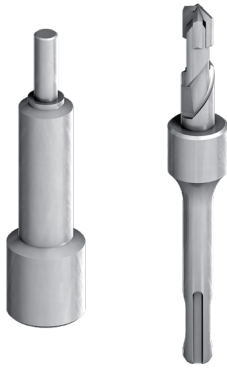
Window / Glass Facade Screws

Accessories

Machinery Spare Parts Tools



Setting tool for drop-in anchors



Cross references	page
Drop-in anchor LA+	306
Drop-in anchor LAL+	307

Application range

- > For making the drill hole
- > For fast and reliable installation of drop-in anchors

Properties

- > Weight-optimised design
- > Optimised 4-cutting edge geometry

Note

The use of specially developed setting tools is highly recommended for installing drop-in anchors. Drop-in anchors cannot be tightened by a screw or bolt! If makeshift tools instead of professional setting tools are used to install anchors, the thread can be damaged and this causes problems during installation.

Technical data



Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Installation tools for drop-in anchors 8x30	1		9 160 000 830	4014496053330
Installation tools for drop-in anchors 10x40	1		9 160 001 040	4014496053354
Accessory				
Drill bit with depth stop 8x30	1		9 160 105 941	4014496053347
Drill bit with depth stop 10x40	1		9 160 105 949	4014496053361

Installation tool LT PRO



Cross references	page
Drop-in anchor LA+	306
Drop-in anchor LAL+	307

Application range

- > For installation of drop-in anchors LA+ and LAL+

Properties

- > Hand protection made of rubber
- > Polyethylene / galvanized zinc-plated steel

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Installation tool LT+6 PRO	1		9 650 079 306	4061245001685
Installation tool LT+8 PRO	1		9 650 079 308	4061245001678
Installation tool LT+10 PRO	1		9 650 079 310	4061245001661
Installation tool LT+12 PRO	1		9 650 079 312	4061245001654

Installation tools for through bolts



Application range

> For the reliable installation of through bolts BA Plus

Technical data



Online shop



Cross references	page
BA-V Plus	276
BA-F Plus	278
BA-E Plus	280

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Installation tool for through bolts M6 - M10	1		9 650 079 020	4061245001791
Installation tool for through bolts M12 - M20	1		9 650 079 021	4061245001784



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Spare Parts
Tools



Applicator gun AP 300 ml



Cross references	page
Mortar cartridge USF	298
Mortar cartridge USF Winter	300

Application range

- > For Multifix USF 280 ml
- > For Multifix USF Winter 300 ml
- > For Multifix PSF 300 ml
- > For Multifix VSF 300 ml
- > For pressing-out of other various cartridges 280 / 300 ml (e.g. silicone)

Note

Depending on the temperature, mortar cartridges require higher contact forces (~ 1 kN) than e.g. silicone cartridges. These applicator guns feature an appropriate transmission ratio.

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Applicator gun AP 300 ml	1		9 570 010 300	4039161019114

Applicator gun Side by Side AP 345ml



Cross references	page
Mortar cartridge USF	298
Mortar cartridge USF Winter	300

Application range

- > For Multifix USF 280 ml
- > For Multifix USF Winter 300 ml
- > For Multifix PSF 300 ml
- > For Multifix VSF 300 ml
- > For pressing-out of other various cartridges 280 / 300 ml (e.g. silicone)

Properties

- > Additional pressing-out cylinder can be used to read the cartridge scale

Note

Depending on the temperature, mortar cartridges require higher contact forces (~ 1 kN) than e.g. silicone cartridges. These applicator guns feature an appropriate transmission ratio.

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Applicator gun Side by Side AP 345ml	1		9 570 010 345	4001990541951

EJOT® blow-out pump

**Application range**

- > For cleaning drill holes in concrete and solid brick masonry

Benefits

- > Easy handling
- > High cleaning effect
- > Universal purpose

Online shop

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Blow-out pump 6 mm	1		9 150 300 001	4061245020433
Blow-out pump from 8 mm on	1		9 150 300 000	4039161019084

Cleaning brush

**Application range**

- > For cleaning drill holes in concrete and masonry

Benefits

- > Easy handling
- > High cleaning effect
- > Robust design

Technical data

Total length of the brush	340 mm
Length of brush head	85 mm

Online shop

Order description	Diameter Brush head [mm]	For drill hole diameter [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cleaning brush 6	6	4	1		9 150 300 006	4260033893055
Cleaning brush 8	8	6	1		9 150 300 008	4260033893062
Cleaning brush 10	10	8	1		9 150 300 010	4260033893079
Cleaning brush 12	12	10	1		9 150 300 012	4260033893086
Cleaning brush 14	14	12	1		9 150 300 014	4039161019091
Cleaning brush 16	16	14	1		9 150 300 016	4260033893109
Cleaning brush 20	20	18	1		9 150 300 020	4260033893123

Spray oil



Application range

- > DIY, industry and trade applications
- > Suitable for lubricating mechanical parts

Properties

- > Maintenance, lubrication, disinfection, rust protection
- > Creeps in smallest corners, very glide-active
- > Does not resinify, completely bio-degradable
- > Food-safe, dermatologically tested and completely harmless

Order description	Content [ml]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Spray oil 100 ml	100	1		9 150 911 000	4017777216004

Corrosion protection spray



Application range

- > To protect zinc-plated facade anchor screws from moisture and driving rain

Properties

- > Protects permanently elastic from moisture and driving rain
- > Can be sprayed up-side-down and reaches otherwise inaccessible corners and edges that are especially susceptible to corrosion
- > Fast drying and non-dripping when applied evenly

Instructions for using galvanic zinc-plated facade anchor screws (excerpt from ETA-10/0305)

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 or a 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).

Online shop



Order description	Content [ml]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Corrosion protection spray	500	1		8 200 020 000	4008153740343

EJOT® nail / screw puller



Properties

- > CV steel, chrome-plated
- > With 2-component hilt
- > 2-component handle

Technical data

Diameter	7 mm
Blade length	100 mm
Grip length	105 mm
Weight	90 gram

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Athlet nail puller with 2 plastics grip	1		9 250 005 836	4061245020297

EJOT® application tool



Application range

- > Installation tool for sandwich panels and metal sections

Note

For proper sidelap stitching the use of two tools per sandwich panel is recommended.

Side lap acc. to IFBS installation guidelines 8.01

„[...] For the installation of sandwich panels [...] the specified joint spacing has to be maintained in order to ensure sufficient application pressure of the seal strips. [...] Sandwich panel push-on tools have proven to ensure the application pressure of the seal strips. [...]“

Online shop



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Application tool for sandwich panels and metal profiles	1		9 150 230 008	4061245020440



Service

Our range of services for your satisfaction

On-site service

- > Anchor pull-out tests
- > Rental tool service
- > Product trainings
- > Repair service

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Storage and delivery service

- > Overview of shipping costs
- > Small volume deliveries
- > Customer-specific warehousing
- > Discretionary returns

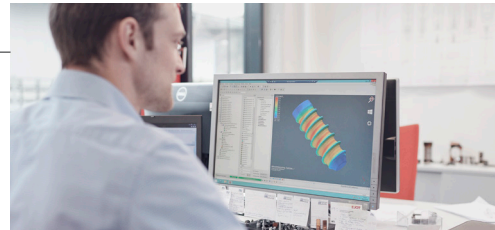
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Engineering service

- > Approval assistant
- > Factory and inspection certificates
- > Initial sizing, Anchor Fix
- > Tender documents

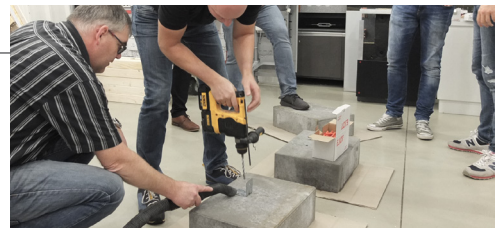
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Individual consultation

- > Expert seminars for architects, specifiers, distributors and technicians with professional application-engineering advice

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Further services

- > Online shop
- > Customer newsletter
- > Print copies

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Contact

- > Personal sales contact
- > Personal application engineering contact

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Self-drilling Screws

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On-site service

Anchor pull-out tests

For safety-relevant fixing into undefined or old masonry substrate, we strongly recommend an anchor pull-out test, to draw conclusions on the load-carrying capacity of the substrate and for choosing the right fastener.

Your advantages:

- > Pull-out tests by specially trained EJOT staff
- > Use of calibrated test equipment
- > Determination of the load values
- > Provision of a test report
- > Advice and evaluation of the test results

Definition

Determination of load capacity values in undefined or old substrates in the roof or on the wall, with tensile tests on the building followed by recording in a test report and a recommendation for the proper fastener.

Services

Travelling expense, test procedure and documentation

Requirements

- > It is mandatory that the operating company is on site
- > Completed questionnaire with information on the building and the local points of contact
- > The test site must be accessible and secured
- > Any necessary re-sealing work must be carried out by the contractor

Guideline for chemical anchors

Reliable and cost-effective work due to pull-out tests in masonry. Based on the guideline for the processing and assessment of tests with metal injection anchors for use in masonry according to ETAG 029, respectively EAD 330076-00-0604, the actual load-carrying capacities can be determined. Especially in the case of unclearly specified bricks, the pull-out tests eliminate the uncertainty of the actual load level and allow to work with the minimum required number of anchors.

Services	Price/1 [EUR]	Article number
Pull-out test with protocol		D 000 001 272

Rental equipment and product training

Whether installation tools or fastening technology: Our EJOT team is glad to give advice. Your technicians will receive comprehensive equipment and product training at the construction site.

Your advantages:

- > Best possible utilisation of the equipment
- > Improving the knowledge and skills for using EJOT products.
- > Preventing tool damage due to improper handling
- > Avoiding installation errors

Definition

Provision of rental installation tools for the duration of the construction phase for the processing of our fastening elements, including on-site instructions

Tool selection

- > EJOT installation tools ECOSET, ECOSET-L and ECOSET-HTK
- > EJOFAST® JF screwdriver
- > Powder-actuated fastening tool P 560

Services

- > Delivery
- > Instruction
- > Pick-up service
- > One-time replacement of wear parts (batteries, nut sockets, bits or carbons)

Requirements

- > Rental tools are only provided for processing EJOT fasteners
- > Minimum order quantity fastener: 2,000 pieces (adapted to the rental tool)
- > Early arrangements with EJOT are always required for reliable provisioning of the installation tools
- > Rental without proper instruction is only allowed for installers that are familiar with out installation tools
- > Necessary repairs after the tool return, due to faulty or improper use will be billed separately.

Services	Price/1 [EUR]	Article number
Rental tool with delivery and instruction		D 000 001 274

Repair service

Expert EJOT staff repair the defective rented or purchased tools to prevent down-times. We try to carry out the repairs directly on site. If the damage is too severe, the repair will be done in one of our EJOT workshops.

Services	Price/0.25 h [EUR]	Article number
Repair of defective rental or purchased tools		D 000 001 342
Order information: spare parts will be billed separately		



- Self-drilling Screws
- Facade Technology (VHF)
- Direct Assembly
- Self-tapping Screws
- Orkan Storm Washers
- Rivets
- Fasteners for Solar / Photovoltaic
- Scaffolding Anchors
- Pipe Flashings
- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools





Storage and delivery service

Shipping costs

Requirements

Standard shipping only possible with order reception before 2 pm. Express shipping only possible with order reception before 12 pm and available stock on hand! Prices are only for shipment within Germany. Exact shipping costs may vary depending on the product selection (product composition). Please refer to your order confirmation for the costs.

Services	Price/1 [EUR]	Article number
Standard shipping parcel service		D 000 000 247
Express shipping parcel service 9 am*		D 000 001 742
Express shipping parcel service 10/10:30 am*		D 000 001 752
Express shipping parcel service 12 pm		D 000 001 753
Parcel service guaranteed delivery next day		D 000 001 754
Standard delivery with trucking company		D 000 001 755
Express delivery with trucking company 8 am*		D 000 001 756
Express delivery with trucking company 10 am*		D 000 001 757
Express delivery with trucking company 12 pm		D 000 001 758
Guaranteed delivery with trucking company next day		D 000 001 759
Shipping of long goods (e.g. VHF support profiles)		-
not available in all postal code areas		

Customer-specific warehousing

You have a regular demand for customer-specific products, but cannot store them? We offer local warehousing for your products. Please contact us!

Details for this service will be agreed upon in a separate contract.

Small volume deliveries

Definition

Small volume deliveries are all shipments with a value of less than 100 Euro.

Services

- > One-time small volume delivery.
- > Standard shipping parcel service is included
- > Guaranteed shipping is not included in the price and will be billed separately.

Exceptions

- > Delivery of online orders
- > Pick-up in branches and sales offices
- > Partial or replacement shipments caused by EJOT.

Services	Price/1 [EUR]	Article number
Small volume deliveries		D 000 001 256



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Discretionary returns

If you have made a mistake in your order, we will gladly check the possibility of a return. In order to ensure a smooth processing, please consider the following points in the case of a return:

Announcement

We can only accept returns which have been announced and released in advance and for which the invoice is not older than 12 months. Therefore, please send a request to your EJOT sales agent. He/she will provide you with an appropriate form. Please fill it in and return it to us. After successful release, please add this form to your return. Otherwise, a return shipment at your expense can unfortunately not be excluded.

A return of customer-specifically produced or packed articles and already used products can unfortunately not be accepted.

Condition of the goods

The goods must be dry, clean and in original packaging. Since we can neither exclude nor consider damages during return, you should document the condition of the goods with a picture before returning them.

Charges

We charge a redemption fee amounting to 20% of the value of the goods, but at least 75.- EUR per order. If the goods are not in perfect condition, further costs may arise at your expense.

Definition

Discretionary returns are all returns that are not caused by EJOT or our service partners.

Note

Articles not suited for return or unannounced shipments will be returned without issuing a credit note. The return shipment always has to be paid by the returning party!

Requirements

- > Only directly delivered, undamaged articles, in original packaging with undamaged adhesive tape, not older than 12 months.
- > A return shipment is only possible after prior registration with the responsible sales contact and by completing the required return form and with the necessary approval!

Services	Price/1
Discretionary returns, approved and announced	20 % of the product value of the return shipment, min. per order
Pick-up service by forwarding company	per euro-pallet
Pick-up by parcel service	per cardboard box

Engineering service

EJOT® approval assistant

Computer program for easy determination of approved fasteners and respective approval values (characteristic tensile strength as well as characteristic shear resistance). Fast and easy comparison of EJOT products for the respective application as well as selection of the optimal fastener.

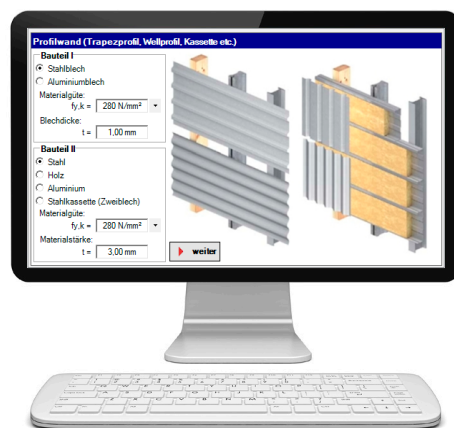
You can order the selected products directly through the connected EJOT online shop.

Comfortable and convenient! Conveniently download the approval assistant now:

www.ejot.com/software-zulassungsassistent

Benefits

- > Easy handling
- > Photorealistic illustration of applications
- > How to read approvals
- > The correct approval document in just two steps



EJOT® approval assistant

Data base version of ETA-10/0200 and ETA-13/0177, Z-14.1-4 and Z-14.4-779.

Factory and inspection certificates

On request we supply factory and inspection certificates, which show the results of our production-accompanying and batch related inspections

Services	Price/1 [EUR]	Article number
Factory certificate 2.2 acc. to EN 10204		D 000 001 343
Inspection certificate 3.1 acc. to EN 10204		D 000 001 344



Quality Management System

DQS certified according to ISO 9001:2008
 Certificate registration no. 302825 QM08

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- Flat Roof Fasteners
- Nylon Expansion Anchoring Technology
- Metal + Chemical Anchors
- Window / Glass Facade Screws
- Accessories
- Machinery Spare Parts Tools

Initial sizing

Definition

Determination of the number and the kind of the required fastening elements with initial sizing and corresponding approximate bill of quantities

Services

Initial sizing with rough bill of quantities

Requirements

- > Completed questionnaire is mandatory

Note

The initial sizing does **not** replace the static analysis and is only carried-out based on the data supplied by the customer, not verified for completeness and correctness by EJOT!

Services	Price/1 [EUR]	Article number
Initial sizing		D 000 001 273

EJOT® Anchor Fix – anchor dimensioning made easy

EJOT offers free dimensioning software for embedments, a very helpful tool for the static initial sizing of building projects.

The computer program EJOT Anchor Fix was developed for structural engineers, specifiers, engineers and technicians. The software can be a useful guide in the pre-planning phase. It supports the user for easy assessment of the static requirements of the planned building project.

With EJOT Anchor Fix, the limits of the load-carrying capacity of anchor bolts in concrete substrates can be determined, stored and printed. In addition, further documents such as approvals and product data sheets can be accessed. The software also offers a language selection for the international use. The software automatically looks for updates each time it is retrieved.

EJOT Anchor Fix can be downloaded here: www.ejot.com/software-anchorfix

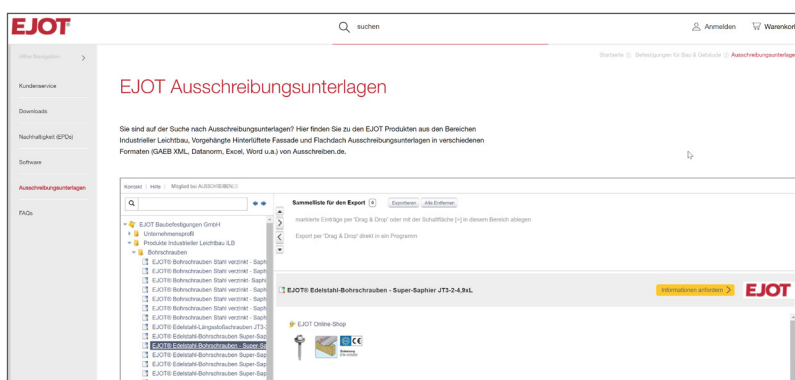


Tender documents

Online data base which provides free tender texts and updated information about building products for the different trades.

Benefits

- > Immediate transfer of the text for the invitation to tender through direct export
- > Free of charge and without registration
- > Keep track: all available information for the planning process is centrally stored
- > Easy use with drag & drop
- > Compare texts, select and drag them into your contract specifications or tender



Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

Nylon Expansion
Anchoring
Technology

Metal + Chemical
Anchors

Window / Glass
Facade Screws

Accessories

Machinery
Spare Parts
Tools





Individual consultation

Expert seminars for architects, specifiers, distributors and technicians with professional application-engineering advice

We offer expert training in our seminar rooms for various topics. The expert seminars are aimed at architects, specifiers, distributors and technicians and are constructed in four different modules

Benefits

- > Build up skills in fastening technology
- > Knowledge of conditions under the German building law
- > Safe product selection for the application case, based on guidelines in compliance with the approval
- > Safety in the practical handling

Dates

The expert seminars are tailored to your individual requirements. Please contact your EJOT sales representative for a date.

Seminar contents

Basics of fastening technology industrial lightweight construction

Seminar topics:

- > Types of fastening elements:
self-tapping screws, self-drilling screws, rivets
- > Screw selection and product key
- > Usability of fasteners under building law
- > Processing guidelines and installation errors
- > Solar fastening to trapezoidal profile and sandwich panel roofs
- > Application engineering

Basics of mechanical fastening technology for flat roofs

Seminar topics:

- > Loads and the effects on the flat roof
- > Wind load determination according to DIN EN 1991-1-4
- > Products for mechanical flat roof fastening
- > Approval ETA-07/0013 acc. to ETAG 006
- > EJOT services
- > Stainless steel in flat roofs

EJOT CROSSFIX® – the rear-ventilated facade

Seminar topics:

- > Plastic frame anchor
- > Insulation support anchor
- > Fixed and sliding point screw
- > Guidelines
- > Further anchoring elements

Advice tips and tricks

Factory tour



Self-drilling
Screws

Facade
Technology (VHF)

Direct
Assembly

Self-tapping
Screws

Orkan
Storm Washers

Rivets

Fasteners for
Solar /
Photovoltaic

Scaffolding
Anchors

Pipe Flashings

Flat Roof
Fasteners

Nylon Expansion
Anchoring
Technology

Metal + Chemical
Anchors

Window / Glass
Facade Screws

Accessories

Machinery
Spare Parts
Tools

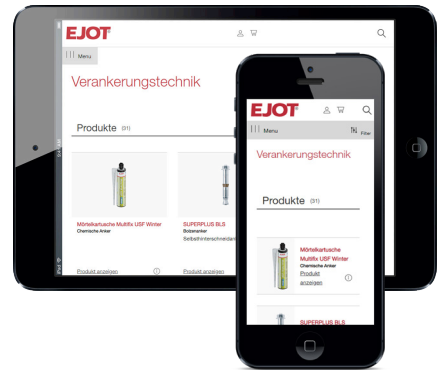


EJOT® Online Shop

www.ejot.com

Benefit from the advantages of our online shop:

- > Individual prices
- > My EJOT – personal order history
- > Availability check in the central warehouse
- > Easy product selection with product finder
- > Order 24/7
- > Track the delivery status online
- > Delivery and construction site addresses individually managed
- > Optimised design for smartphones and tablet computers



Customer newsletter

We inform our customers with a regular newsletter.

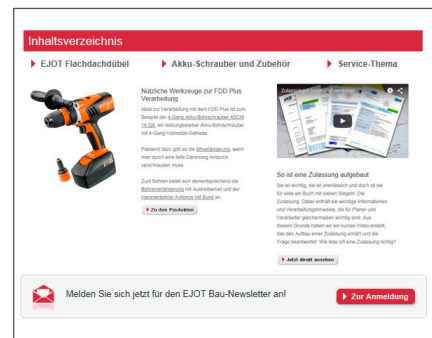
Topic examples

- > New products
- > Useful practical expert advice
- > Interesting sales offers

Would you like to receive current news from EJOT per e-mail?

Register at www.ejot.de/bau-newsletter

and stay in touch with us.



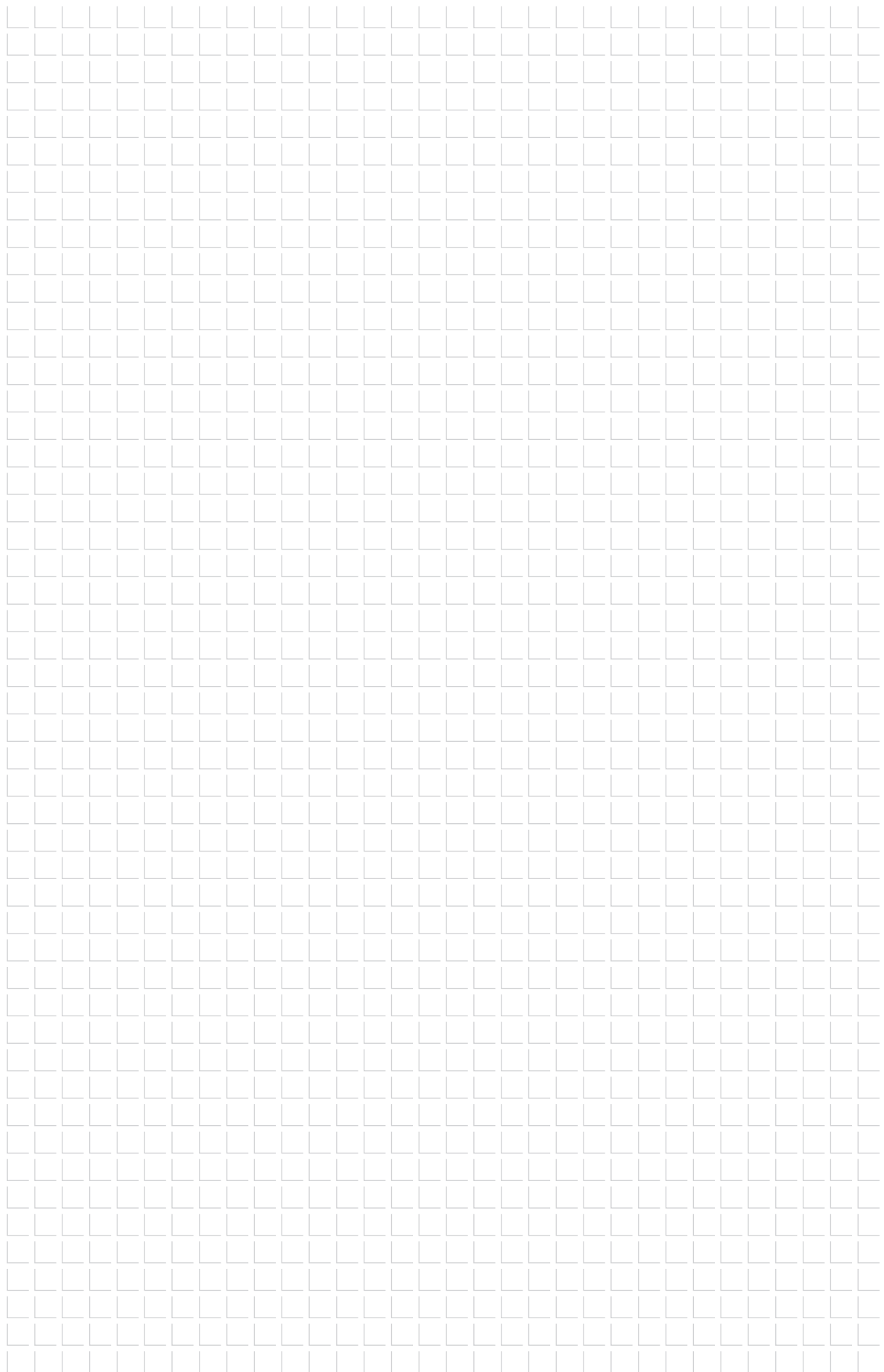
Print copies

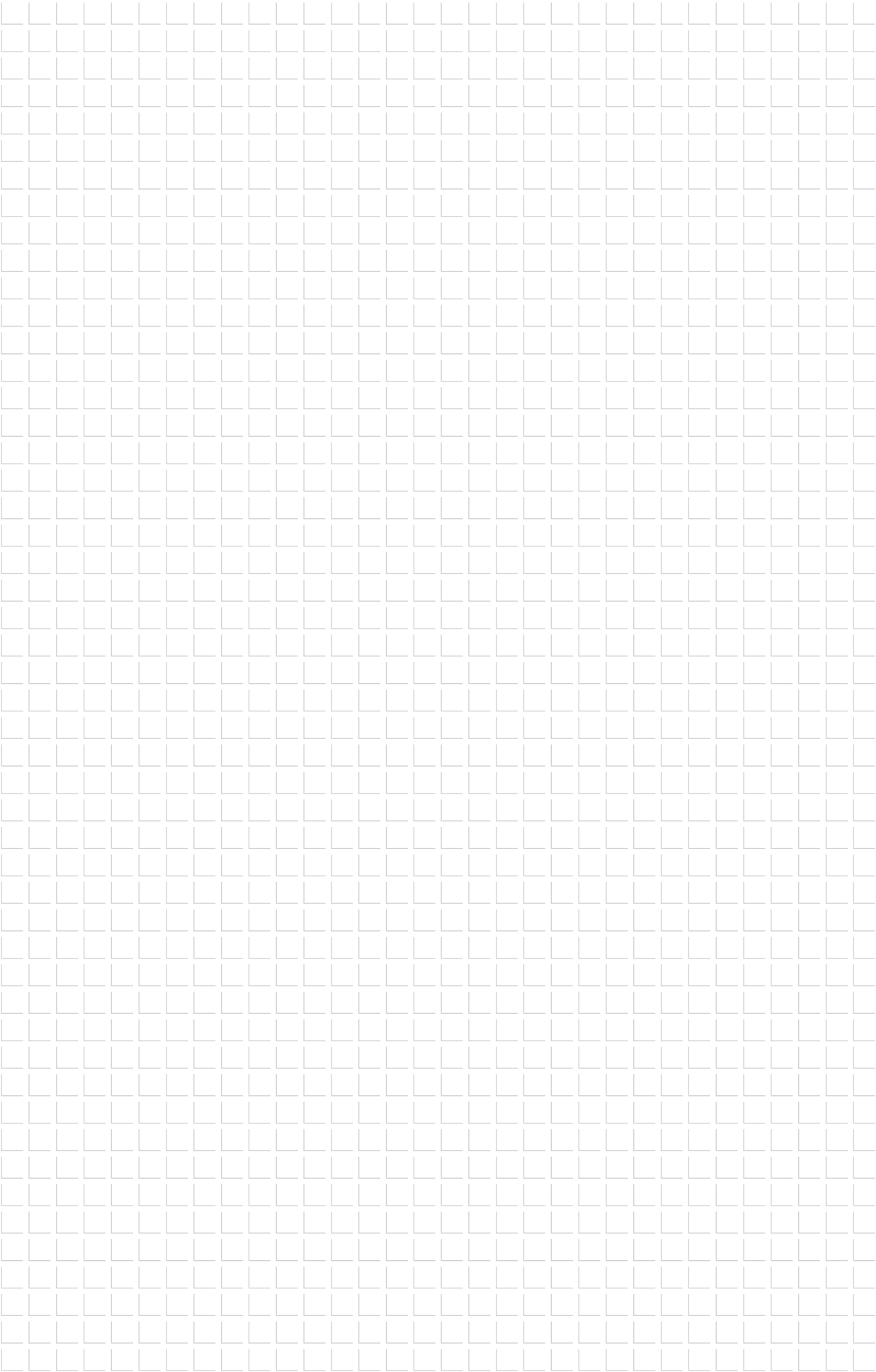
In addition to the many online offers you will also continue to find a broad selection of printables. Please contact us, we will gladly send you the desired documents in paper form.

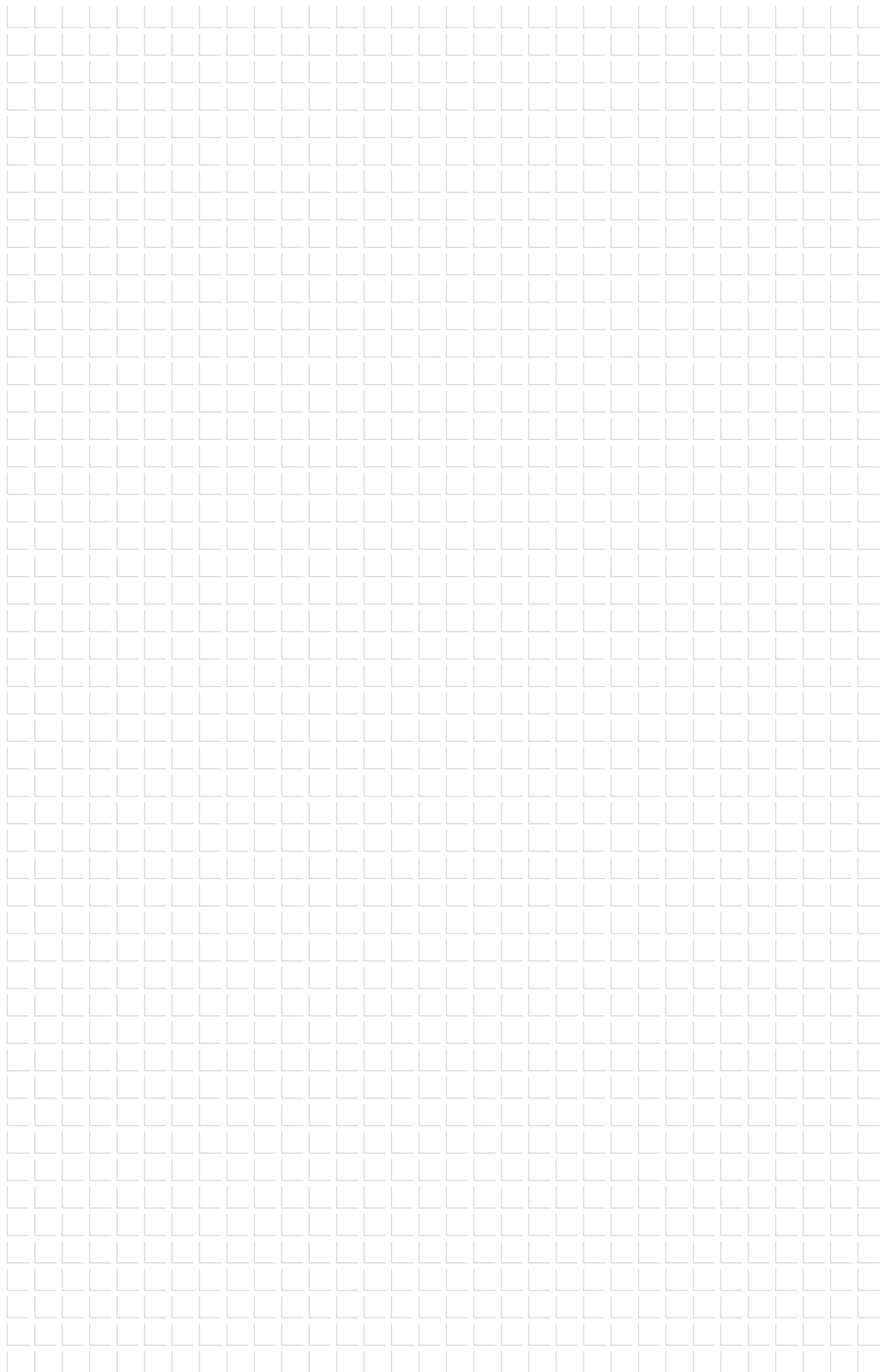
Examples

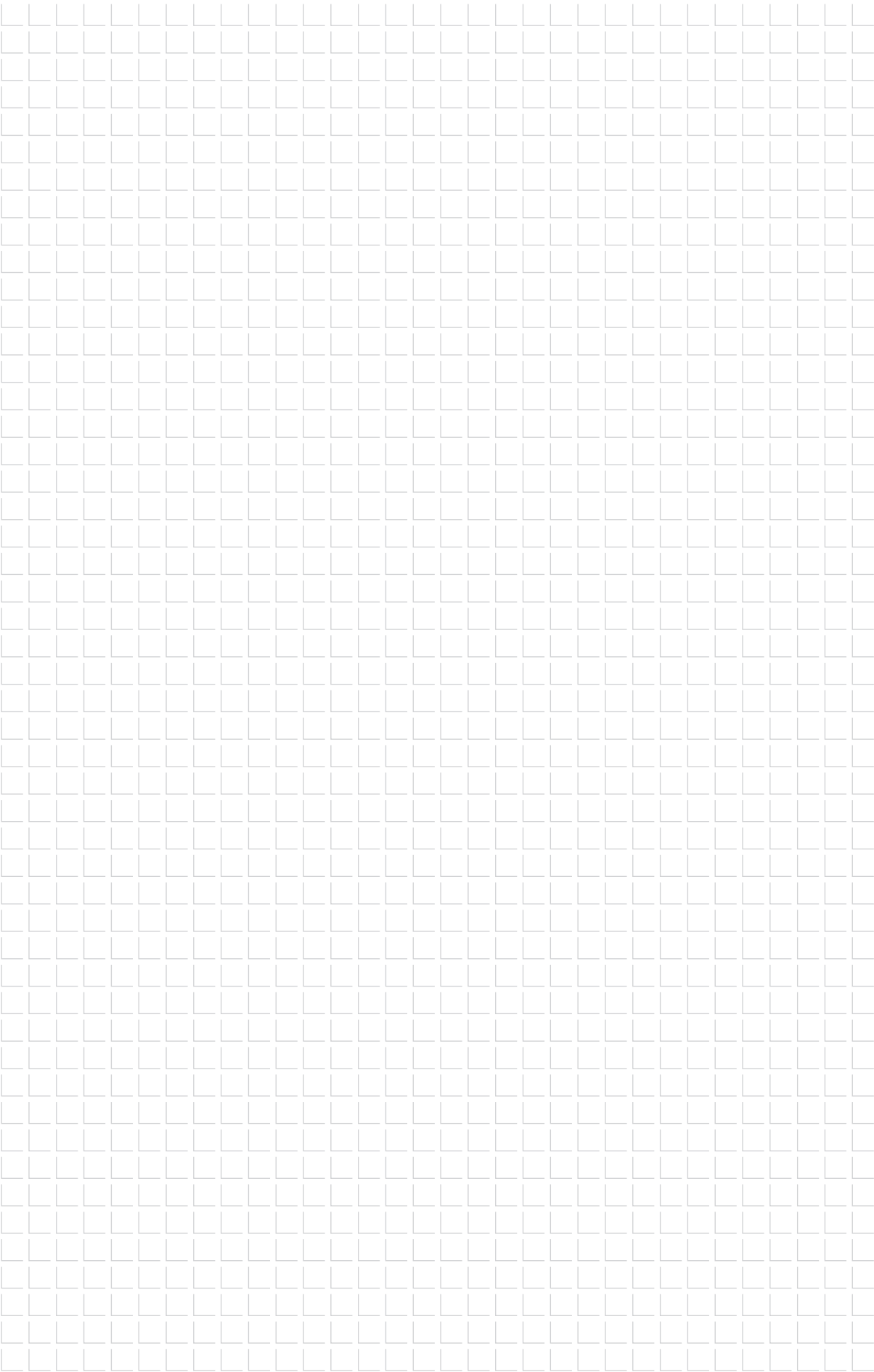
- > Product catalogues
- > Product flyers, installation instructions, data sheets
- > Application advice posters etc.











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

























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EJOT® product and note charts

Applications

Roofing sheet to timber substructure	Fibre cement board to steel purlin	Fibre cement board to steel purlin	Fibre cement board to timber purlin	Trapezoidal profile to steel purlin	Trapezoidal profile to steel purlin	Trapezoidal profile to steel purlin	Trapezoidal profile to steel purlin	Trapezoidal profile to steel purlin	Trapezoidal profile to timber purlin	Side lap stitching of trapezoidal profile	Corrugated profile sheet to steel purlin	Corrugated profile sheet to steel purlin
Corrugated profile sheet to steel purlin	Corrugated profile sheet to insertion rail	Corrugated profile sheet to timber purlin	Side lap stitching of corrugated profile sheet	Load-bearing shell to steel purlin	Load-bearing shell to steel purlin	Load-bearing shell to insertion rail	Load-bearing shell to timber purlin	Roof boarding/OSB to timber purlin	Side lap stitching of load-bearing shell	Spacer steel to load-bearing shell	Spacer steel to load-bearing shell	Spacer steel to load-bearing shell
Spacer wood to load-bearing shell	Clip to spacer	Clip to spacer	Clip to trapezoidal profile	Clip to roof boarding/OSB	Sandwich panel to steel purlin	Sandwich panel to steel purlin	Sandwich panel to steel purlin	Sandwich elements to insertion rail	Sandwich panel to timber purlin	Side lap stitching of sandwich panel	Waterproofing membrane to roof boarding/OSB	Waterproofing membrane to roof boarding/OSB
Waterproofing membrane to concrete	Waterproofing membrane to aerated concrete	Waterproofing membrane with insulation to trapezoidal profile	Waterproofing membrane with insulation to trapezoidal profile	Waterproofing membrane with insulation to roof boarding/OSB	Waterproofing membrane with insulation to concrete	Waterproofing membrane with insulation to aerated concrete	Waterproofing membrane with insulation to trapezoidal profile	Waterproofing membrane with insulation to concrete	Waterproofing membrane with insulation to aerated concrete	Waterproofing membrane with insulation to aerated concrete	Waterproofing membrane with insulation to roof boarding/OSB	Trapezoidal profile to steel purlin
Trapezoidal profile to steel purlin	Trapezoidal profile to steel purlin	Trapezoidal profile to insertion rail	Trapezoidal profile to timber purlin	Side lap stitching of trapezoidal profile	Corrugated profile sheet to steel purlin	Corrugated profile sheet to steel purlin	Corrugated profile sheet to steel purlin	Corrugated profile sheet to insertion rail	Corrugated profile sheet to timber purlin	Side lap stitching of corrugated profile sheet	Cassette to steel purlin	Cassette to steel purlin
Cassette to steel purlin	Cassette to insertion rail	Cassette to timber purlin	Cassette side lap stitching	Trapezoidal profile to cassette	Corrugated profile sheet to cassette	Trapezoidal/top-hat profile to insulated cassette	Sandwich panel to cassette	Sandwich panel to steel purlin	Sandwich panel to steel purlin	Sandwich panel to steel purlin	Sandwich panel to steel purlin	Sandwich elements to insertion rail
Sandwich panel to timber purlin	Timber substructure to concrete	Timber substructure to solid brick	Timber substructure to hollow/perforated brick	Timber substructure to aerated concrete	Metal substructure to concrete	Metal substructure to solid brick	Metal substructure to hollow/perforated brick	Metal substructure to aerated concrete	Support profiles with steel rods to concrete	Support profiles with steel rods to solid brick	Support profiles with steel rods to hollow/perforated brick	Support profiles with steel rods to hollow/perforated brick
Support profiles with steel rods to aerated concrete	Timber batten to aluminium substructure	Aluminium profile to aluminium substructure	Wall bracket (stainless steel/alu) to support profile (alu)	Facade panel to aluminium substructure	Aluminium profile to aluminium substructure	Aluminium profile to timber substructure	Insulating material to concrete and masonry	Facade panel to timber substructure	Solar fastener for trapezoidal profile to timber substructure	Solar fastener for sandwich panel to timber substructure	Solar fastener for fibre cement board to timber substructure	Solar fastener for fibre cement board to timber substructure
Solar fastener for trapezoidal profile to steel substructure	Solar fastener for sandwich panel to steel substructure	Solar fastener for fibre cement board to steel substructure	Trapezoidal sheet flashing to steel substructure	Side lap stitching of profiled plastic sheets	Aluminium profile to timber substructure	Plasterboard to metal stud wall	Plasterboard to timber stud wall	Pipe flashing	Distance installation of timber components	Connecting metal sections in dry-wall construction	Waterproofing membrane to wall connection made of concrete	Waterproofing membrane to wall connection made of concrete
Waterproofing membrane to wall connection made of aerated concrete	Fixing of steel air ducts	Mounting rail to thin-walled steel/aluminium substructures	Small metal shingles/brackets to steel profile									



Technical data

 DC t ₁ +t ₂ mm 1.0 + 1.0	 1/min max. 1,800	 No swarf: screw does not create drilling chips	 0 - 4	 2.0	 16	 5	 7.5	 13	 5	 4.8	 4.8
Clamp thickness	Installation rotation speed	No swarf: screw does not create drilling chips	Clamp thickness screw	Screw head height	Screw head diameter	Free spin zone	Screw head diameter	Flange head diameter	Length non-threaded part	Screw diameter	Screw diameter
 6.3	 AF8	 50	 t ₁ t ₂ mm 15	 d _{nom} mm 10	 d _o mm 10	 h ₃ mm 10	 t mm AF8	 h _{nom} mm ≥ 70	 h _{ef} mm ≥ 50	 h ₁ mm ≥ 70	 d ₁ mm 10
High thread diameter	Flat roofing anchor diameter	Flat roof stress plate diameter	Metal anchor clamp thickness	Drill hole diameter	Drill hole diameter	Drill hole depth	Drill hole depth	Embedment depth	Effective anchorage depth	Embedment depth	Through hole component I
 M12	 M8	 10	 mm AF8	 mm AF8	 mm AF8	 mm AF8	 T _{test} Nm AF8	 SDS plus®	 4-cutting edge	 [Manufacturer] PGM Masonry Drill Bit Certification Board	 E16
Set screw diameter	Internal thread diameter	Threaded sleeve external diameter	Insulation support anchor shaft diameter	Insulation support anchor washer diameter	Nylon anchor diameter	Metal anchor diameter	Tightening torque	Drive SDS plus®	4-cutting edge	PGM Masonry Drill Bit Certification Board	Sealing washer size and material
 H2	 H2	 Z2	 Z2	 5	 5	 Triangular	 AF8	 AF8	 AF13/TX40	 TX25	 TX25
Drive cross recess H	Drive external cross recess H	Drive cross recess Z	Drive external cross recess Z	Drive internal square	Drive external square	Drive External triangular	Drive external hexagon	Drive internal hexagon	Drive external hexagon/hexalobular	Drive hexalobular	Drive external hexalobular
 Rostfrei STAINLESS STEEL			 Werte ermittelt durch das Passivhaus Institut	 A1	 F120	 F-resistant	 C2	 ETB	 RC2		
Stainless steel material	Suitable for high-strength substrates	Also available as laquered version	Values determined by the Passivhaus Institute	Fire performance class according to European standard and DIN	Fire rating according to DIN 4102-2	Fire-resistant	Suitability according to seismic performance category	Checked fastening element acc. to ETB guideline	Resistance class of burglar-resistant components	Waterproof	
 C 1000	 CLIMADUR	 EJO GUARD	 EJOGUARD+								
Coating C 1000	Coating CLIMADUR	Coating EJO GUARD	EJOGUARD+ coating								

Certifications

 ETA-10/0200	 Z-14.4-426	 P-BWU02-166012	 FM APPROVED	 EPD	 ift ROSENHEIM Test report no. 509 20107/1+2	 EMISSIONS DANS L'AIR INTERIEUR A+
European Technical Assessment	National technical approval abZ	National technical test certificate abP	FM Approval product certification by FM Global	Environmental Product Declaration EPD	ift Rosenheim test report	Emission category according to French VOC directive

Other

	
Cross reference to previous page	Cross reference to next page

A

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