



Catalogue Building Fasteners

Fastening technology for expert applications
at the construction site

We are right there where you need us

Austria

Kingspan GmbH
Office Park 1, Top B02
A-1300 Wien-Flughafen
T +49 173 1869990
kerstin.beeking@kingspan.at
www.kingspan.com/at

Czech Republic

Kingspan a.s.
Vážní 465
CZ-50003 Hradec Králové
T +420 495 866 111
info@kingspan.cz
www.kingspan.com/cz

Hungary

Kingspan Kereskedelmi Kft. /
László Kelemen
Horka dűlő 1.
H-2367 Újhartyán
T +36 30 636 6436
laszlo.kelemen@kingspan.com
www.kingspan.com/hu

Serbia

Kingspan d.o.o / Alan Tomanic
Partizanske Avijacije 18/13
SK-11070 Novi Beograd, Srbija
T +381 65 597 0001
alan.tomanic@kingspan.com
www.kingspan.com/rs

Baltic States

Kingspan Sp. z o.o. /
Arkadiusz Mierzyński
ul.Przemysłowa 20
PL-27-300 Lipsko
T +48 48 378 31 05
info@kingspan.pl
www.kingspan.com/lt

Denmark

Kingspan A/S
Mercurvej 12A
DK-9530 Stovring
T +45 7021 7788
info@kingspan.dk
vivi.hensel@kingspan.com
www.kingspan.com/dk

Norway

Kingspan AS
Grålumveien 125
N-1712 Grålum
T +47 69 144400
info@kingspan.no
mariann.arnesen@kingspan.com
www.kingspan.com/no

Slovakia

Kingspan s.r.o.
Stará Vajnorská 27
SK-83104 Bratislava
T +421 905 388 998
info@kingspan.sk
www.kingspan.com/sk

Bosnia

Kingspan d.o.o / Zeljko Djuric
Meše Selimovića br. 28
BIH-78000 Banjaluka Bosna i
Hercegovina
T +387 51 226 190
zeljko.djuric@kingspan.com
www.kingspan.com/ba

Finland

Kingspan Oy
Halmeenkatu 7
FI-38700 Kankaanpää
T +358 9 878 6080
info@kingspan.fi
veera.laukka@kingspan.com
www.kingspan.com/fi

Poland

Kingspan Sp. z o.o. /
Arkadiusz Mierzyński
ul. Przemysłowa 20
PL-27-300 Lipsko
T +48 48 378 31 05
info@kingspan.pl
www.kingspan.com/pl

Slovenia

Kingspan d.o.o / Tadej Jontez
Dunajska cesta 159
SI-1000 Ljubljana
T +386 41 630 099
tadej.jontez@kingspan.com
www.kingspan.com/si

Croatia

Kingspan d.o.o / Sergej Roth
Gorjanovićeve 22
HR-10000 Zagreb
T +385 91 158 158 0
sergej.roth@kingspan.com
www.kingspan.com/hr

Germany

Kingspan GmbH - Insulated Panels
Am Schornacker 2
D-46485 Wesel
P +49 281 95250-0
info@kingspan.de
www.kingspan.com/de

Romania

Kingspan S.R.L. / Nicu Mocanu
Str. Grigore Mora nr. 22 et. 1, ap. 2
RO-011887 Bucharesti sector 1.
T +40 212 315 089
nicu.mocanu@kingspan.com
www.kingspan.com/ro

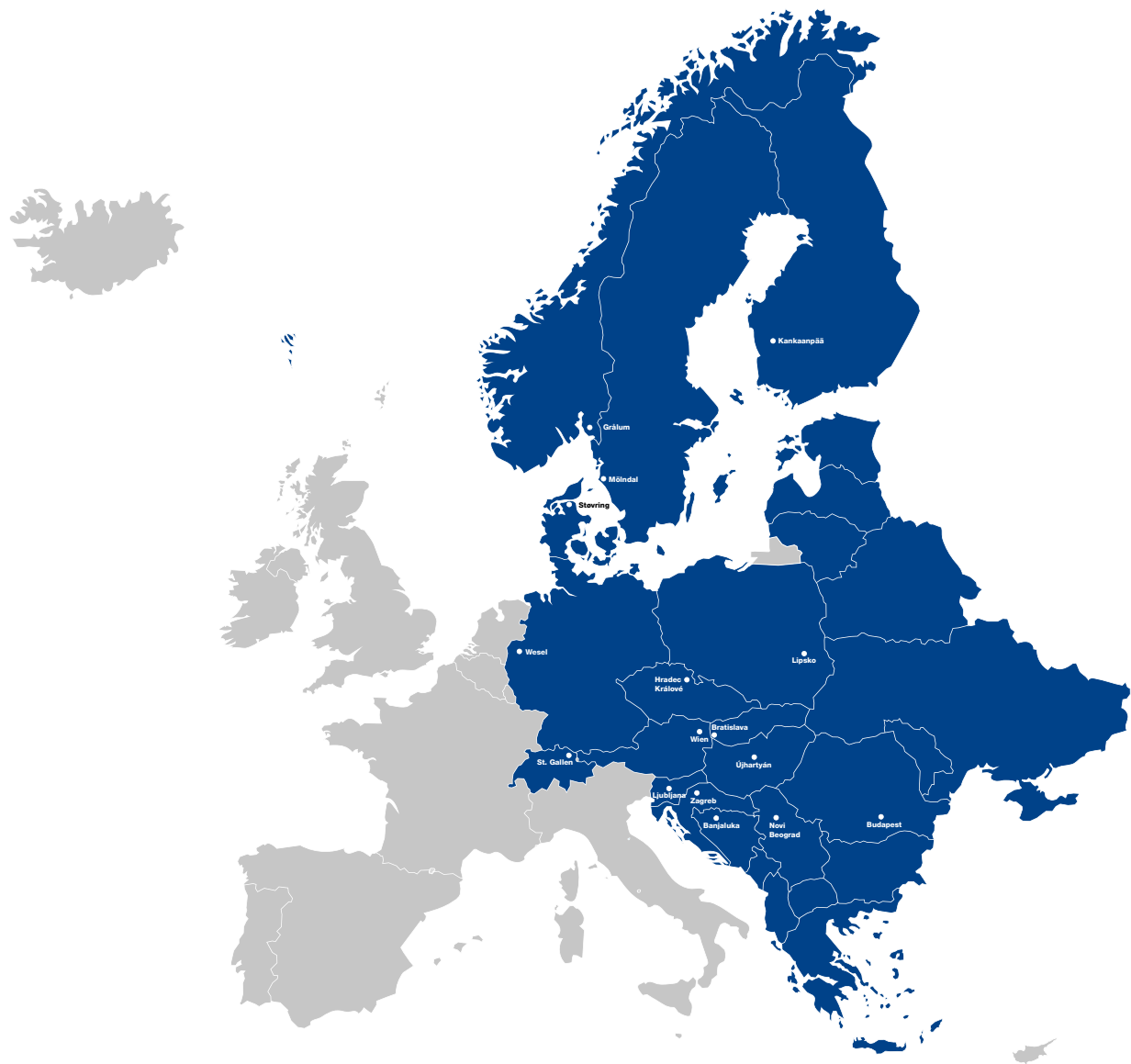
Sweden

Kingspan Ab
Prytzgatan 6
S-43131 Mölndal
T +46 31 760 2699
info@kingspan.se
malin.kraft@kingspan.com
www.kingspan.com/se

Switzerland

Kingspan GmbH
Teufenerstrasse 25
CH-9000 St. Gallen
T +49 173 1869990
kerstin.beeking@kingspan.com
www.kingspan.com/ch

Kingspan locations and markets in CEE



Self-drilling screws 14

EJOFAST® self-drilling screws

| | |
|----------------------------------|----|
| JF2 (steel) | 21 |
| JF3 (A2 stainless steel + steel) | 35 |

EJOT steel self-drilling screws

| | |
|-------------|----|
| JT2 (steel) | 22 |
|-------------|----|

EJOT bimetal self-drilling screws

| | |
|----------------------------------|----|
| JT3 (A2 stainless steel + steel) | 43 |
| JT6 (A4 stainless steel + steel) | 44 |

Self-tapping screws 62

Self-tapping screws

| | |
|--------------------------|----|
| JA2 (steel) | 65 |
| JA3 (A2 stainless steel) | 67 |
| JZ2 (steel) | 66 |
| JZ3 (A2 stainless steel) | 68 |

Concrete screw

| | |
|---------|----|
| BS-R6.3 | 70 |
|---------|----|

ORKAN storm washers 72

EJOT ORKAN storm washers

| | |
|-------------------|----|
| Trapezoidal sheet | 74 |
|-------------------|----|

Selection guide

| | |
|-------------------------------|----|
| List of profile manufacturers | 77 |
|-------------------------------|----|

Fasteners for solar and photovoltaic 78

Solar Fastener

| | |
|-----------------------------|----|
| JT3-SB (A2 stainless steel) | 81 |
| JA3-SB (A2 stainless steel) | 82 |

Accessories

| | |
|---------------------|----|
| Weldable flat steel | 85 |
|---------------------|----|

Pipe flashings 86

DEKTITE® Pipe Flashings

| | |
|-------------|----|
| Square | 88 |
| EZi-Seal | 89 |
| Soaker | 90 |
| Combo | 91 |
| Strip Flash | 92 |
| Premium DFE | 93 |

Accessories

| | |
|------------------------|----|
| Hose clamp | 94 |
| Universal hose clamp | 95 |
| EJOPLAST joint sealant | 95 |

Nylon expansion anchoring technology 96

Facade anchors

| | |
|------------|----|
| SDF-KB-10V | 97 |
| SDF-KB-10H | 99 |

Nail anchors

| | |
|------|-----|
| ND-K | 101 |
|------|-----|

Accessories 102

Sealing washers

| | |
|-------------------------|-----|
| Sealing washer E | 103 |
| Mushroom washer | 104 |
| Shearing load washer VS | 104 |

Metal stress plates

| | |
|--------|-----|
| HTV | 105 |
| HTE | 106 |
| HTV RU | 109 |



Efficient system solutions for the complete and sustainable building envelope

Kingspan is the global leader in high-performance insulation and building envelope solutions. The company is committed to accelerate a net zero emissions future with the wellbeing of people and planet at its heart.

A new 10-year group wide global sustainability strategy Planet Passionate aims to impact on three big global issues: climate change, circularity and protection of our natural world.

Kingspan is growing its global presence fast paced. With the headquarter in Kingscourt, Ireland, there are more than 159 plants around the globe in more than 70 countries giving work to more than 15,000 employees. Kingspan's products and systems stand for long life expectancy and CO₂ reduction. As a single source supplier Kingspan delivers a complete and sustainable building envelope solution made of materials and products that form an accurately fitting, high-efficient insulation, increasing building performance and adding value for the owner.

Kingspan Insulated Panels is the biggest division within the group and focusing on insulated panel solutions for roof and wall applications. We continuously refine

and innovate new insulation and construction solutions for projects in commerce and industry, administration and office buildings as well as for data centers. Core parts of the business are insulated roof and wall solutions, architectural façade systems, daylight and clean room solutions or cold stores. Next to these core elements Kingspan offers a wide range of accessories for fabrications, safety and lighting solutions. This range covers high performance daylight solutions for roof and wall application matching the panels' profiles, roof-window-systems, built-in domes and infinite continuous roof lights. The range is accomplished by insulated and non-insulated gutter systems, an extensive range of flashings, louvres and solutions to provide safety on roofs and for the envelope. All in all our customer's buildings are prepared to cope with any situation and they can be rest assured of Kingspan's quality solutions with accurately fit securing an efficient design phase with a fast speed of build application.



Kingspan:
www.kingspan.com



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. | -2.30 |
| Ø 11 / Ø 14 / Ø 16 | 100 pcs. | 0.00 |
| Ø 19 | 100 pcs. | 2.30 |
| Ø 22 | 100 pcs. | 3.80 |
| Ø 29 / PIZ | 100 pcs. | 9.80 |



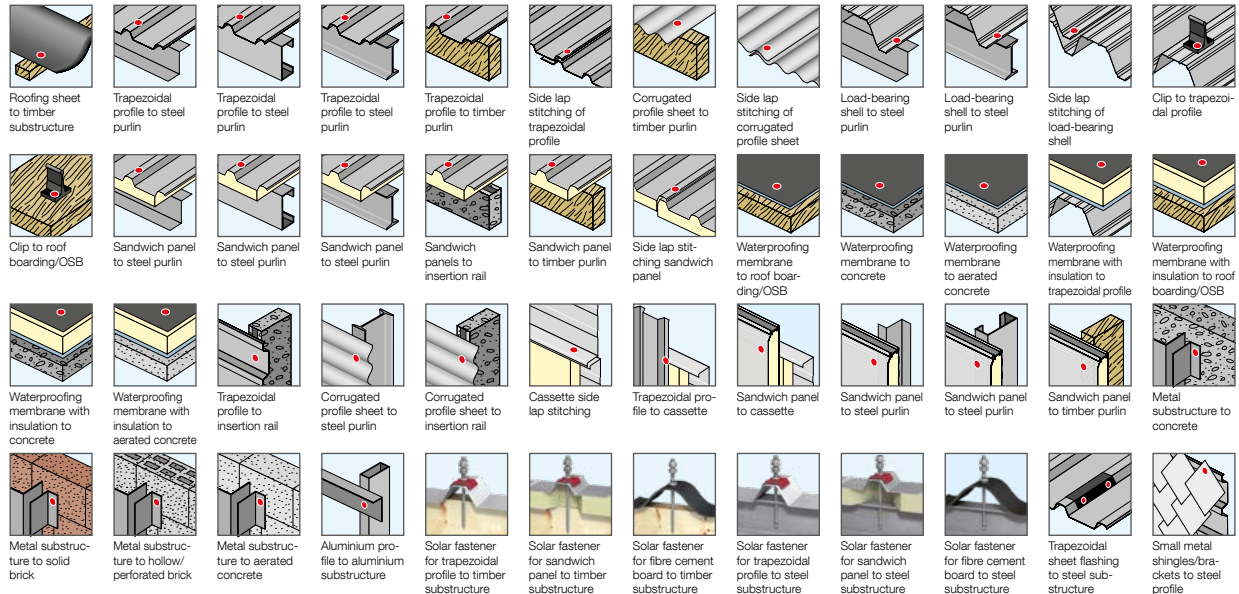
Painting

| Version | Costs / | MSRP [EUR] |
|----------|----------|---------------|
| Painting | 100 pcs. | 9.20 |

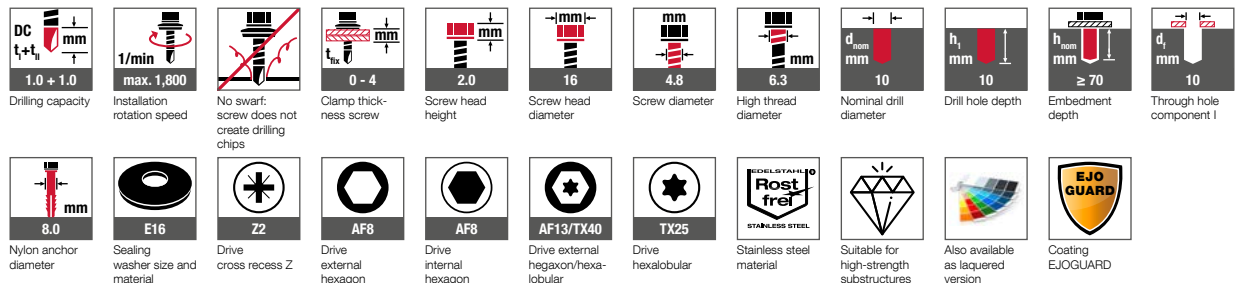


EJOT® product and note charts

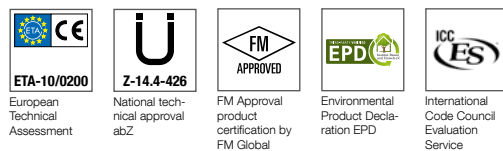
Applications



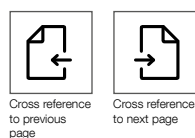
Technical data



Certifications



Other



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 pullover 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.

Initial sizing

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

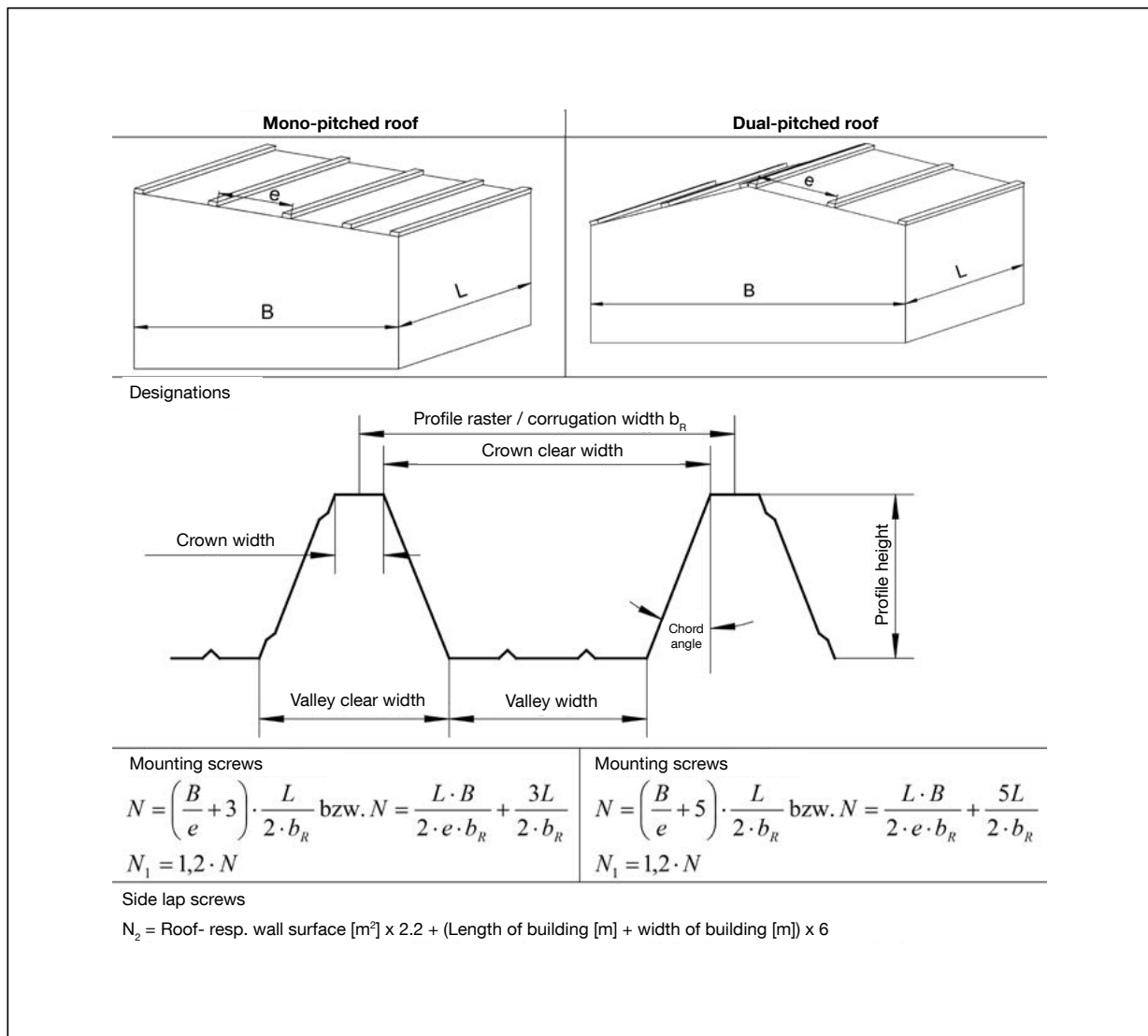
For a rough estimate of the fastener quantity it can be assumed that an average of approx.

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



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-E11-9006

> with sealing washer E11

> colour version RAL 9006

| | | | | | | | | | | | | | | | | | | |
|---|----------|----------|----------|----------|------------|----------|----------|----------|----------|------------|----------|-------------|-------------|----------|-------------|----------|--------------|---|
| Example | J | T | 3 | - | FR | - | 2 | H | - | 4.8 | x | 19 | - | E | 11 | - | 9006 | |
| EJOT | J | | | | | | | | | | | | | | | | | Inherent parts of the order description |
| 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 | | | | | | | | H | | | | | | | | | | |
| Free spin zone under screw head | | | | | | | | | | | | | | | | | | |
| 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] | |

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 properties 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.

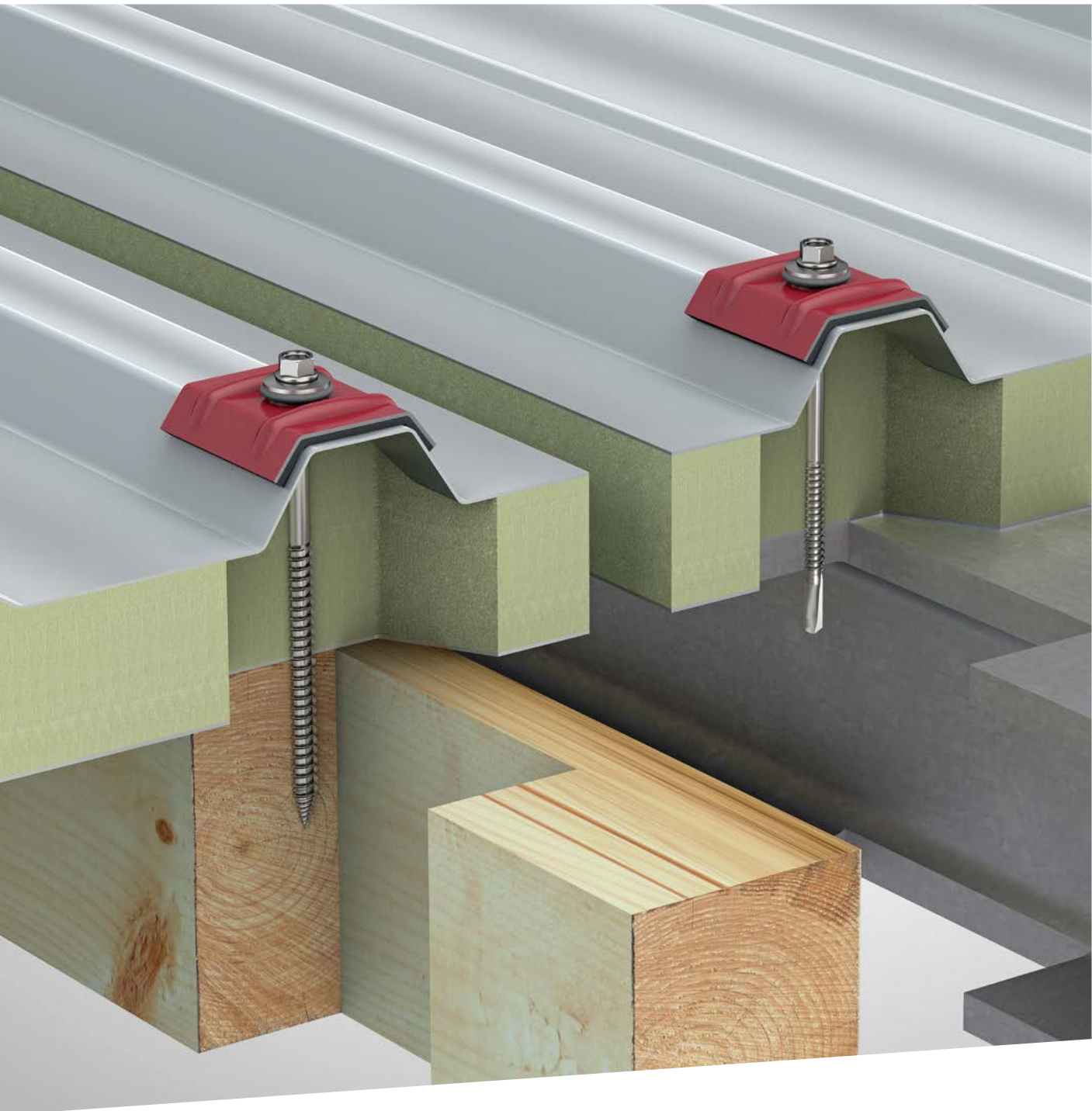
The FM certification recognised both in Germany and internationally ensures compliance with the strictest quality and safety requirements.

ICC Evaluation Service (ICC-ES)

ICC-ES is a subsidiary of the International Code Council (ICC), a globally recognized nonprofit organisation that develops guidelines and standards for the construction industry. For decades, ICC-ES has been the leader in performing technical evaluations for compliance with guidelines. The certification is particularly relevant for the US market, but is also recognized worldwide.

Selected EJOT products have the ICC evaluation report which is used by planners, architects, authorities, users and the construction industry as proof that the products meet the applicable standards and the highest safety requirements.

| Number | Product | Contents |
|---|--|--|
| National technical approvals (abZ) | | |
| Z-14.4-426 | JT3-2-6.0xL, JT3-X-2-6.0xL, JT3-ST-2-6.0xL, JT2-ST-2-6.0xL, JF3-2-5.5xL, 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 |
| 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-07/0013 | All flat roof products | Fastening elements for roofing membrane systems |
| 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 screws JA, JB, JT, JZ and JF |



Self-drilling screws

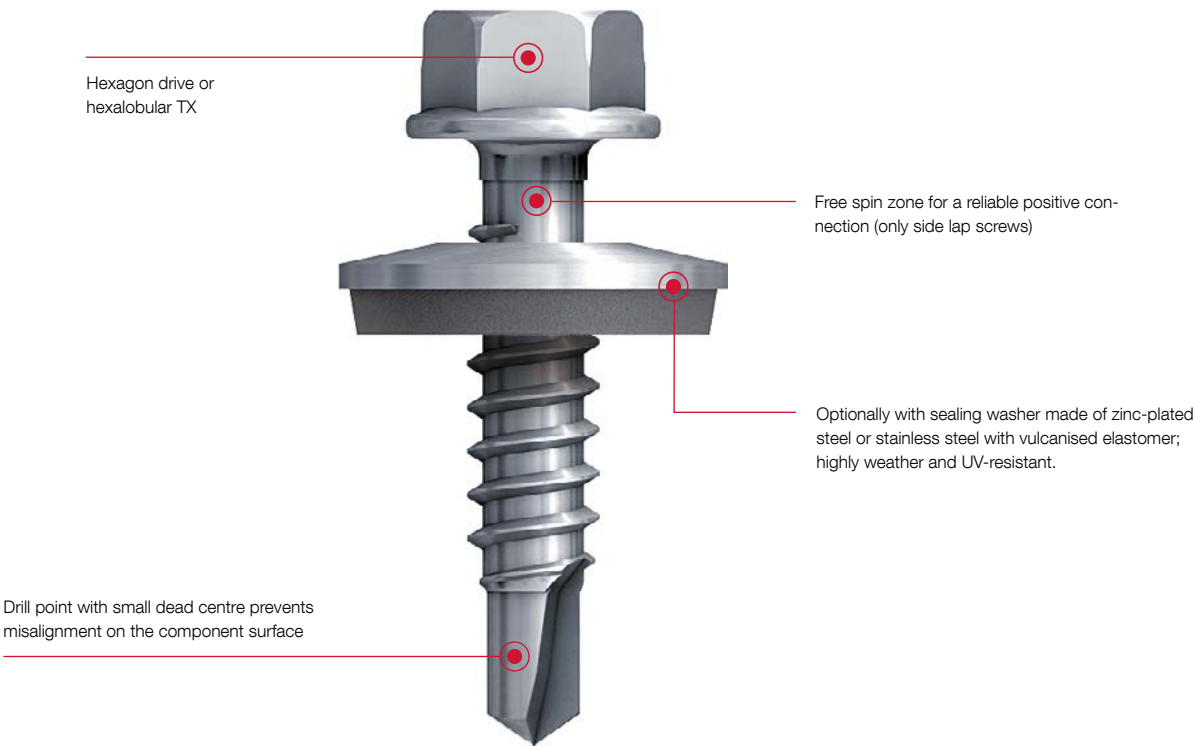
Fast installation without pre-drilling








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

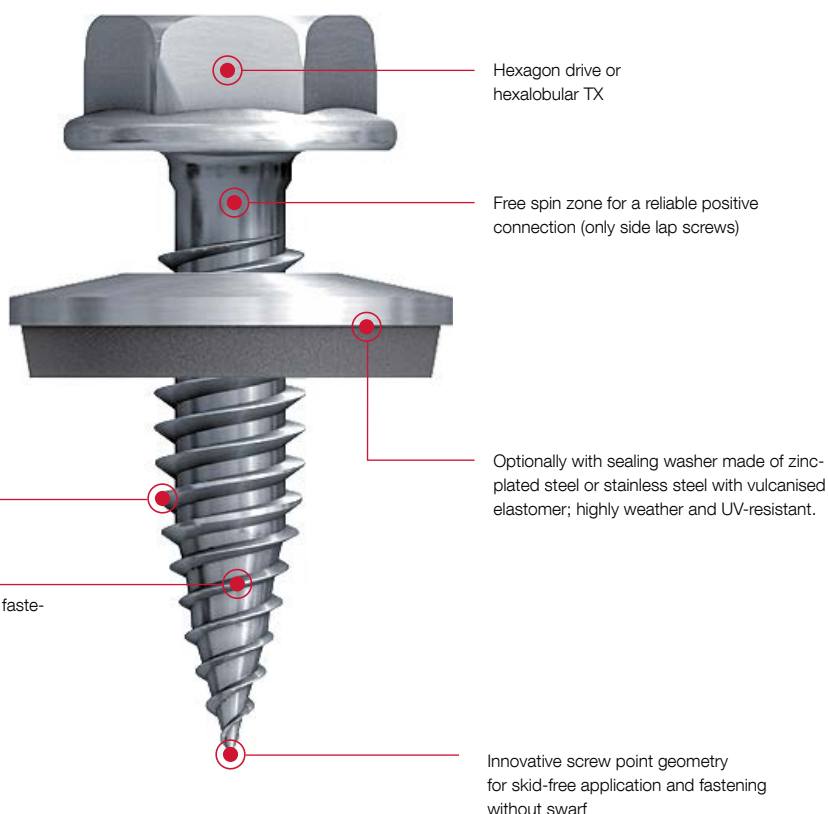
| | JT2 | JT3 | JT6 | JT4 | JT9 |
|---|---|---|---|---|---|
| Self-drilling screws with classic drill point |  |  |  |  |  |
| Material | Steel case-hardened zinc-plated | A2 stainless steel with hardened steel drill point | A4 stainless steel with hardened steel drill point | A2 stainless steel | A4 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

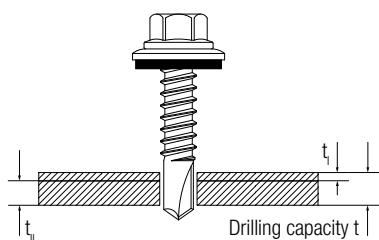
Drilling capacity

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:

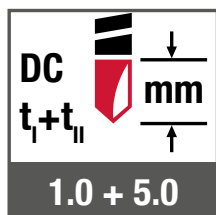
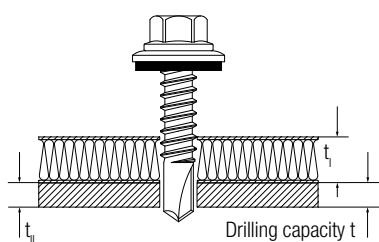
**Drilling capacity for direct bearing surface
(e.g. trapezoidal profile to steel substructure):**

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



Drilling capacity for sandwich panel:

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



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

Clamp thickness

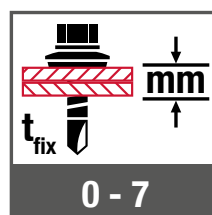
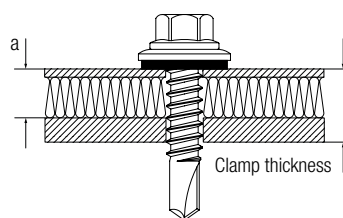
The clamp thickness is the area of a self-drilling screw which can be used to connect two components. It is thus the area of a screw which can absorb and carry load.

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

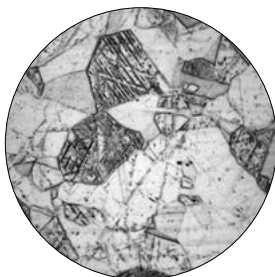
The expression stainless steel comprises steel alloys with a considerably improved corrosion resistance compared to non-alloy steels. A minimum of 10.5% chromium content by mass is typical for these stainless steels. According to the DIN EN ISO 3506, mechanical fasteners can be produced from grade A2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

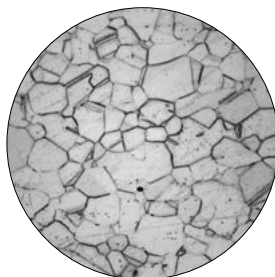


Micrographs

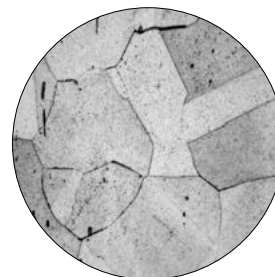
500 times magnification



A2 stainless steel
1.4301



A4 stainless steel
1.4401



Stainless steel HCR
1.4529

Zinc electroplated

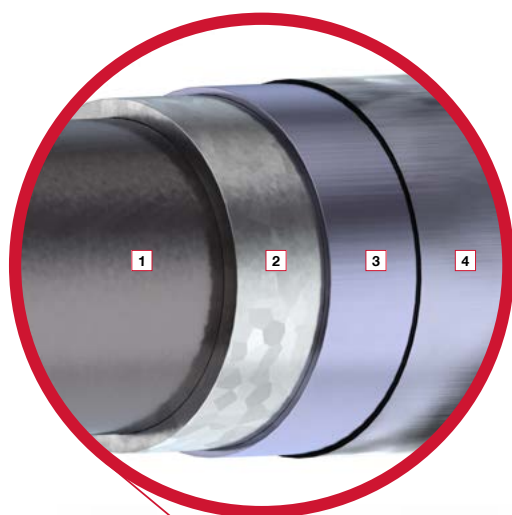
Zinc-plated steel screws are used in environments with insignificant exposures to corrosion such as indoor areas of heated buildings. The galvanisation only slightly increases the corrosion resistance of the fasteners. Concerning JT3 bi-met self-drilling screws, the galvanic zinc plating shall protect 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

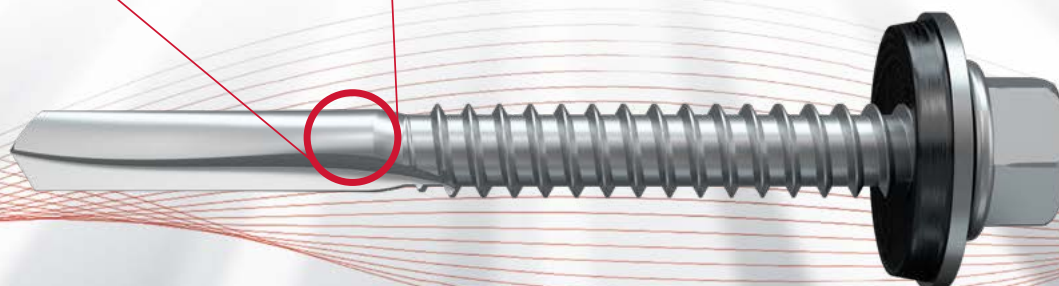
Compared to conventional galvanic zinc platings, the CLIMADUR duplex coating offers a significantly higher corrosion protection. With a resistance of 15 Kesternich cycles (DIN 50018), the CLIMADUR coating meets the requirements for mechanically fastened roof waterproofing systems according to ETAG 006.

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





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

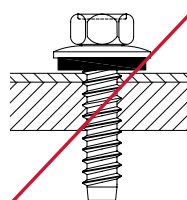
The use of sealing washers facilitates the formation of rain-proof fastening and connection points in lightweight metal construction.

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

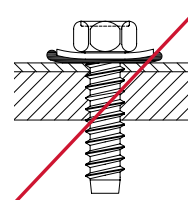
Correct installation of sealing washers

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.

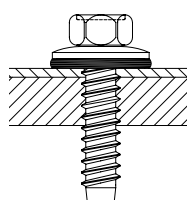
If the sealing washer is correctly installed, the rubber seal may overlap. Only if the metal back of the sealing washer changes from convex to concave, the joint is definitely too tight.



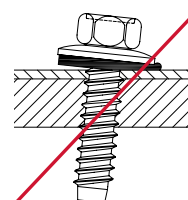
too slight



too tight



correct



sloping



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

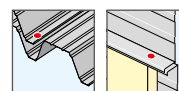
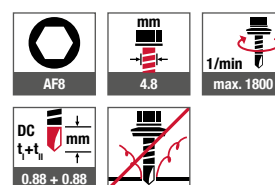
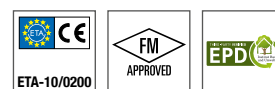
**Application range**

- > 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**

| Order description | Length [mm] | Diameter [mm] | Clamp thickness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|-----------------------------------|-------------|---------------|----------------------|-------------|-----------------|----------------|---------------|
| JF2-2H-4.8x19 | 19 | 4.8 | 0 - 9 | 1,000 | 3.80 | 7 280 628 601 | 4061245014524 |
| JF2-2H-4.8x19 VE100 | 19 | 4.8 | 0 - 9 | 100 | 4.80 | 6 280 628 601 | 4061245014890 |
| Bonded washer V14, Ø 14 mm | | | | | | | |
| JF2-2H-4.8x19 V14 | 19 | 4.8 | 0 - 9 | 500 | 6.10 | 3 591 951 694 | 4061245038407 |

EJOT® self-drilling screw JT2-2-4.8



Application range

- > Fastening of profiled sheet

Properties

- > Case-hardened steel, zinc-plated
- > Aluminium sealing washer

Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---------------------------|----------------|------------------|---------------------------|----------------|--------------------|----------------|---------------|
| JT2-2-4.8x20-A14 RAL 3009 | 20 | 4.8 | 0 - 9 | 100 | 6.30 | 3 566 743 657 | 4061245009285 |
| JT2-2-4.8x20-A14 RAL 7016 | 20 | 4.8 | 0 - 9 | 100 | 6.30 | 3 566 743 625 | 4061245009308 |
| JT2-2-4.8x20-A14 RAL 7040 | 20 | 4.8 | 0 - 9 | 100 | 6.30 | 3 602 543 338 | 4061245032603 |
| JT2-2-4.8x20-A14 RAL 9002 | 20 | 4.8 | 0 - 9 | 100 | 6.30 | 3 566 743 682 | 4061245009322 |
| JT2-2-4.8x20-A14 RAL 9006 | 20 | 4.8 | 0 - 9 | 100 | 6.30 | 3 566 743 684 | 4061245009261 |
| JT2-2-4.8x20-A14 RAL 9007 | 20 | 4.8 | 0 - 9 | 100 | 6.30 | 3 602 543 220 | 4061245009278 |
| JT2-2-4.8x20-A14 RAL 9010 | 20 | 4.8 | 0 - 9 | 100 | 6.30 | 3 566 743 685 | 4061245009292 |

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




AF8



4.8



1/min
max. 1800



DC
t+t₁
mm
1.0 + 1.0

Certifications



ETA-10/0200



FM
APPROVED



EPD

| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---------------------|----------------|------------------|---------------------------|----------------|--------------------|----------------|---------------|
| JT2-2H-4.8x19 | 19 | 4.8 | 0 - 9 | 1,000 | 3.60 | 3 592 200 644 | 4061245015569 |
| JT2-2H-4.8x19 VE100 | 19 | 4.8 | 0 - 9 | 100 | 4.60 | 6 592 200 644 | 4061245014777 |

EJOT® self-drilling screw JT2-2H-3-4.8



Application range

- > Side lap stitching of profiled steel sheet

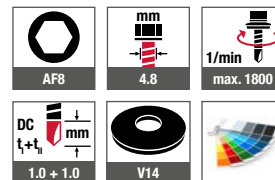
Properties

- > Case-hardened steel, zinc-plated
- > Steel sealing washer, zinc-plated
- > 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 thick- ness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---|----------------|------------------|---------------------------|----------------|--------------------|----------------|---------------|
| Sealing washer V14, Ø 14 mm, loose | | | | | | | |
| JT2-2H/3-4.8x20-V14 | 20 | 4.8 | 0 - 6 | 500 | 7.30 | 3 592 251 644 | 4061245030937 |

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

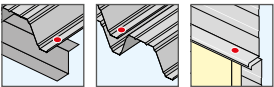
Properties

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



EJOFAST® JF screwdriver
available as rental equipment.

Applications



Technical data

AF8

4.8

1/min
max. 1800

DC
t+t₁
mm
1.5 + 2.0

Certifications

ETA-10/0200

FM
APPROVED

EPD

| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|-----------------------------|----------------|------------------|---------------------------|----------------|--------------------|----------------|---------------|
| loose | | | | | | | |
| JT2-3-4.8x19 | 19 | 4.8 | 0 - 11 | 1,000 | 3.40 | 3 592 200 634 | 4061245015576 |
| JT2-3-4.8x19 VE100 | 19 | 4.8 | 0 - 11 | 100 | 4.40 | 6 592 200 634 | 4061245014784 |
| collated | | | | | | | |
| JT2-3-4.8x19 collated | 19 | 4.8 | 0 - 11 | 500 | 6.90 | 3 365 000 000 | 4061245016580 |
| Sealing washer V14, Ø 14 mm | | | | | | | |
| JT2-3-4.8x19 V14 | 19 | 4.8 | 0 - 11 | 500 | 5.70 | 3 592 251 634 | 4061245036816 |

EJOT® self-drilling screw JT2-2H-Plus-5.5 EJOGUARD



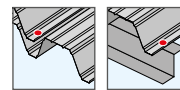
Application range

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

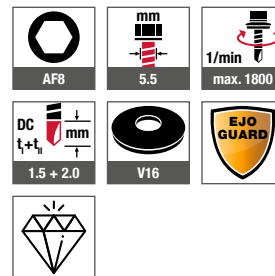
Properties

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

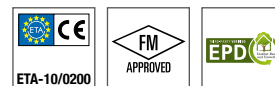
Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [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 | 10.40 | 3 592 521 997 | 4061245015507 |



EJOT® self-drilling screw JT2-6-5.5



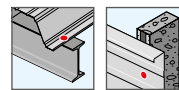
Application range

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

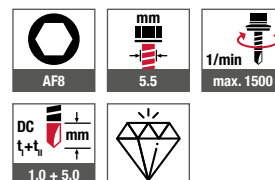
Properties

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

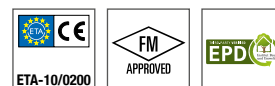
Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | Clamp thickness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|-------------|---------------|----------------------|-------------|-----------------|----------------|---------------|
| Sealing washer V16, Ø 16 mm | | | | | | | |
| JT2-6-5.5x19 V16 | 19 | 5.5 | 0 - 4 | 500 | 9.70 | 3 573 221 634 | 4061245043388 |
| JT2-6-5.5x22 V16 | 22 | 5.5 | 0 - 7 | 500 | 10.50 | 3 573 321 634 | 4061245015651 |
| JT2-6-5.5x25 V16 | 25 | 5.5 | 0 - 10 | 500 | 10.90 | 3 573 421 634 | 4061245015644 |
| JT2-6-5.5x25 V16 VE100 | 25 | 5.5 | 0 - 10 | 100 | 11.90 | 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

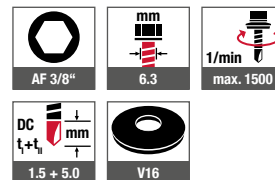
Properties

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

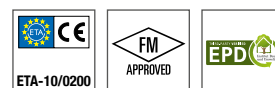
Applications



Technical data



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 | 11.10 | 3 574 321 634 | 4061245015637 |
| JT2-6-6.3x25-V16 | 25 | 6.3 | 0 - 10 | 500 | 11.20 | 3 574 421 634 | 4061245015620 |
| JT2-6-6.3x25-V16 VE100 | 25 | 6.3 | 0 - 10 | 100 | 12.20 | 6 574 421 634 | 4061245014814 |
| JT2-6-6.3x32-V16 | 32 | 6.3 | 0 - 17 | 500 | 12.60 | 3 574 521 634 | 4061245015613 |
| JT2-6-6.3x38-V16 | 38 | 6.3 | 0 - 23 | 500 | 13.10 | 3 574 621 634 | 4061245015606 |



EJOT® self-drilling screw JT2-12-5.5







**Application range**

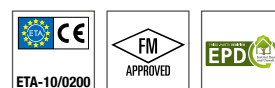
- > Fastening profiled steel sheets to 4–12 mm steel substructure

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 _h + t _h 1.0 + 12.0 |  DC t _h + t _h 2.0 + 10.0 |  V16 |

Certifications

| Order description | Length [mm] | Diameter [mm] | Clamp thickness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|-------------|---------------|----------------------|-------------|-----------------|----------------|---------------|
| Sealing washer V16, Ø 16 mm | | | | | | | |
| JT2-12-5.5x35-V16 | 35 | 5.5 | 0 - 10 | 500 | 21.30 | 3 804 521 997 | 4061245014944 |
| JT2-12-5.5x35-V16 VE100 | 35 | 5.5 | 0 - 10 | 100 | 22.30 | 6 804 521 997 | 4061245014562 |
| JT2-12-5.5x50-V16 | 50 | 5.5 | 0 - 25 | 250 | 22.10 | 3 807 121 997 | 4061245014937 |
| JT2-12-5.5x50-V16 VE100 | 50 | 5.5 | 0 - 25 | 100 | 23.10 | 6 807 121 997 | 4061245014548 |
| JT2-12-5.5x65-V16 | 65 | 5.5 | 6 - 40 | 250 | 29.30 | 3 807 521 997 | 4061245014920 |
| JT2-12-5.5x65-V16 VE100 | 65 | 5.5 | 6 - 40 | 100 | 30.30 | 6 807 521 997 | 4061245014531 |
| JT2-12-5.5x80 V16 | 80 | 5.5 | 21 - 55 | 100 | 32.10 | 3 807 221 997 | 4061245048017 |
| JT2-12-5.5x110 V16 | 110 | 5.5 | 51 - 85 | 100 | 40.10 | 3 807 321 997 | 4061245048024 |
| JT2-12-5.5x130 V16 | 130 | 5.5 | 71 - 105 | 100 | 58.10 | 3 807 421 997 | 4061245048031 |

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



Application range

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

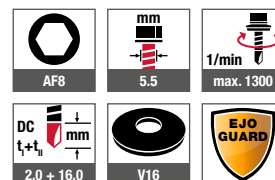
Properties

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

Applications



Technical data



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 | 27.00 | 3 914 021 997 | 4061245014913 |
| JT2-18-5.5x60 V16 | 60 | 5.5 | 0 - 32 | 250 | 28.50 | 3 916 021 997 | 4061245067803 |
| JT2-18-5.5x80 V16 | 80 | 5.5 | 17 - 52 | 200 | 30.90 | 3 918 021 997 | 4061245067704 |



EJOT® self-drilling screw JT2-D-2-6.5/7.0 EJOGUARD



Application range

- > Fastening sandwich panels to timber substructure

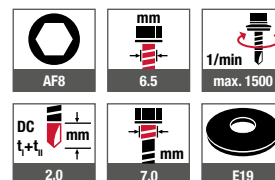
Properties

- > Case-hardened steel
- > EJOGUARD corrosion protection
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With high thread

Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | Clamp thickness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|-------------|---------------|----------------------|-------------|-----------------|----------------|---------------|
| Sealing washer E19, Ø 19 mm | | | | | | | |
| JT2-D-2-6.5/7.0x100-E19 EJOGUARD | 100 | 6.5 | 16 - 50 | 100 | 29.10 | 3 561 012 624 | 4061245050669 |
| JT2-D-2-6.5/7.0x120-E19 EJOGUARD | 120 | 6.5 | 36 - 70 | 200 | 39.80 | 3 561 212 625 | 4061245067506 |
| JT2-D-2-6.5/7.0x140-E19 EJOGUARD | 140 | 6.5 | 56 - 90 | 100 | 45.80 | 3 561 412 624 | 4061245050645 |
| JT2-D-2-6.5/7.0x160-E19 EJOGUARD | 160 | 6.5 | 76 - 110 | 100 | 53.00 | 3 561 612 624 | 4061245050621 |
| JT2-D-2-6.5/7.0x180-E19 EJOGUARD | 180 | 6.5 | 96 - 130 | 100 | 74.20 | 3 561 812 624 | 4061245050607 |
| JT2-D-2-6.5/7.0x200-E19 EJOGUARD | 200 | 6.5 | 116 - 150 | 100 | 85.80 | 3 562 012 624 | 4061245050584 |
| JT2-D-2-6.5/7.0x220-E19 EJOGUARD | 220 | 6.5 | 136 - 170 | 100 | 102.00 | 3 562 212 624 | 4061245050560 |
| JT2-D-2-6.5/7.0x240-E19 EJOGUARD | 240 | 6.5 | 156 - 190 | 100 | 111.40 | 3 562 412 624 | 4061245050546 |
| JT2-D-2-6.5/7.0x260-E19 EJOGUARD | 260 | 6.5 | 176 - 210 | 100 | 152.80 | 3 562 612 624 | 4061245050522 |
| JT2-D-2-6.5/7.0x280-E19 EJOGUARD | 280 | 6.5 | 196 - 230 | 100 | 146.80 | 3 562 812 624 | 4061245050508 |
| JT2-D-2-6.5/7.0x300-E19 EJOGUARD | 300 | 6.5 | 216 - 250 | 100 | 193.40 | 3 563 012 624 | 4061245050485 |
| JT2-D-2-6.5/7.0x360-E19 EJOGUARD | 360 | 6.5 | 276 - 310 | 50 | 289.80 | 3 563 612 624 | 4061245050461 |

EJOT® self-drilling screw JT2-D-6-5.5/6.3 EJOGUARD



Application range

- > Fastening sandwich panels to 1.5–5 mm steel substructure

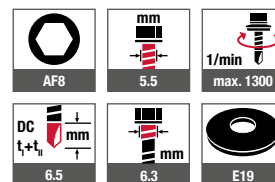
Properties

- > Case-hardened steel
- > EJOGUARD corrosion protection
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With high thread

Applications



Technical data



| Order description | Length [mm] | Diameter [mm] | Clamp thickness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|-------------|---------------|----------------------|-------------|-----------------|----------------|---------------|
| Sealing washer E19, Ø 19 mm | | | | | | | |
| JT2-D-6-5.5/6.3x62 E19 EJOGUARD | 62 | 5.5 | 35 - 48 | 100 | 20.10 | 3 563 412 674 | 4061245050669 |
| JT2-D-6-5.5/6.3x82 E19 EJOGUARD | 82 | 5.5 | 24 - 68 | 100 | 23.20 | 3 563 612 674 | 4061245043913 |
| JT2-D-6-5.5/6.3x102 E19 EJOGUARD | 102 | 5.5 | 44 - 88 | 100 | 28.10 | 3 563 812 674 | 4061245050645 |
| JT2-D-6-5.5/6.3x122 E19 EJOGUARD | 122 | 5.5 | 64 - 108 | 100 | 34.50 | 3 567 012 674 | 4061245050621 |
| JT2-D-6-5.5/6.3x152 E19 EJOGUARD | 152 | 5.5 | 94 - 138 | 100 | 45.10 | 3 565 912 674 | 4061245050607 |
| JT2-D-6-5.5/6.3x172 E19 EJOGUARD | 172 | 5.5 | 114 - 158 | 100 | 68.40 | 3 566 412 674 | 4061245050584 |
| JT2-D-6-5.5/6.3x192 E19 EJOGUARD | 192 | 5.5 | 134 - 178 | 100 | 74.90 | 3 566 612 674 | 4061245050560 |
| JT2-D-6-5.5/6.3x212 E19 EJOGUARD | 212 | 5.5 | 154 - 198 | 100 | 92.10 | 3 566 712 674 | 4061245050546 |
| JT2-D-6-5.5/6.3x232 E19 EJOGUARD | 232 | 5.5 | 174 - 218 | 100 | 111.10 | 3 566 812 674 | 4061245050522 |
| JT2-D-6-5.5/6.3x262 E19 EJOGUARD | 262 | 5.5 | 204 - 248 | 100 | 130.50 | 3 566 912 674 | 4061245050508 |

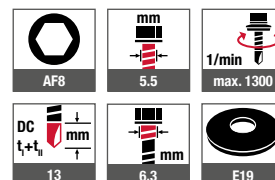
EJOT® self-drilling screw JT2-D-12-5.5/6.3 EJOGUARD

**Application range**

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

Properties

- > Case-hardened steel
- > EJOGUARD corrosion protection
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With high thread

Applications**Technical data**

| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|----------------|------------------|---------------------------|----------------|--------------------|----------------|---------------|
| Sealing washer E19, Ø 19 mm | | | | | | | |
| JT2-D-12-5.5/6.3x80 E19 EJOGUARD | 80 | 5.5 | 40 - 59 | 100 | 24.90 | 3564712614 | 4061245033365 |
| JT2-D-12-5.5/6.3x95 E19 EJOGUARD | 95 | 5.5 | 50 - 74 | 100 | 27.60 | 3564912614 | 4061245044026 |
| JT2-D-12-5.5/6.3x115 E19 EJOGUARD | 115 | 5.5 | 60 - 94 | 100 | 33.40 | 3565212614 | 4061245033372 |
| JT2-D-12-5.5/6.3x135 E19 EJOGUARD | 135 | 5.5 | 70 - 114 | 100 | 43.30 | 3565412614 | 4061245033389 |
| JT2-D-12-5.5/6.3x155 E19 EJOGUARD | 155 | 5.5 | 90 - 134 | 100 | 49.50 | 3565712614 | 4061245033396 |
| JT2-D-12-5.5/6.3x175 E19 EJOGUARD | 175 | 5.5 | 100 - 154 | 100 | 70.00 | 3565812614 | 4061245044002 |
| JT2-D-12-5.5/6.3x195 E19 EJOGUARD | 195 | 5.5 | 120 - 174 | 100 | 82.00 | 3569512614 | 4061245032474 |
| JT2-D-12-5.5/6.3x215 E19 EJOGUARD | 215 | 5.5 | 140 - 194 | 100 | 98.60 | 3569612614 | 4061245031491 |
| JT2-D-12-5.5/6.3x235 E19 EJOGUARD | 235 | 5.5 | 160 - 214 | 100 | 113.40 | 3567112614 | 4061245032443 |
| JT2-D-12-5.5/6.3x250 E19 EJOGUARD | 250 | 5.5 | 175 - 229 | 100 | 120.20 | 3567212614 | 4061245032481 |
| JT2-D-12-5.5/6.3x275 E19 EJOGUARD | 275 | 5.5 | 200 - 254 | 100 | 131.20 | 3567312614 | 4061245033402 |
| JT2-D-12-5.5/6.3x300 E19 EJOGUARD | 300 | 5.5 | 225 - 279 | 100 | 143.30 | 3567412614 | 4061245033419 |
| JT2-D-12-5.5/6.3x350 E19 EJOGUARD | 350 | 5.5 | 275 - 329 | 100 | 201.20 | 3567612614 | 4061245044200 |

The roof without swarf*

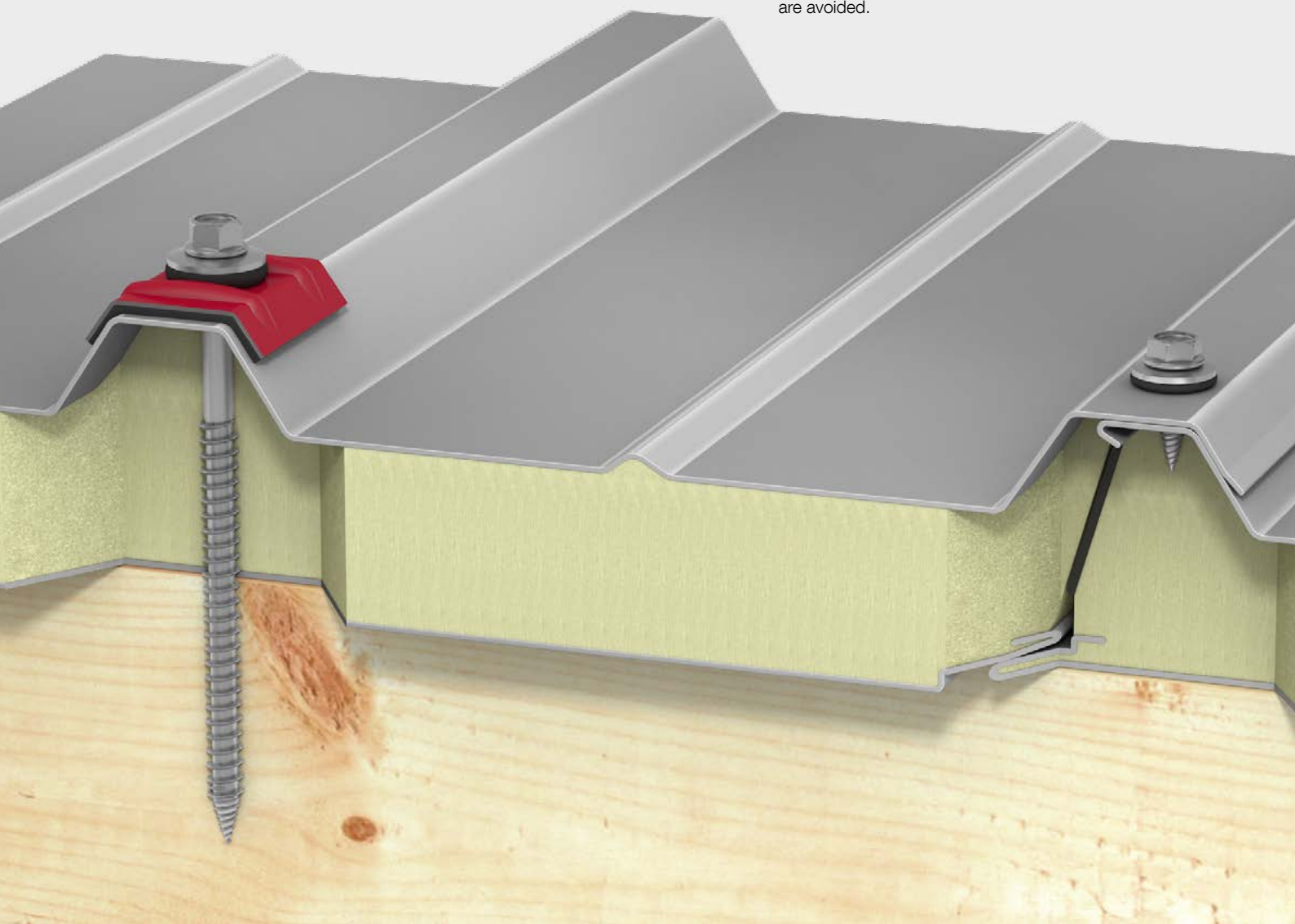
Reliable and fast with EJOFAST® self-drilling screws
JF3-6.8 and JF3-2H-4.8

- > 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



Application range

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

Properties

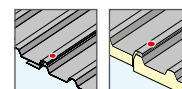
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under screw head for side lap stitching
- > Non-skid application
- > Fastening without swarf*
- > Loose or collated

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

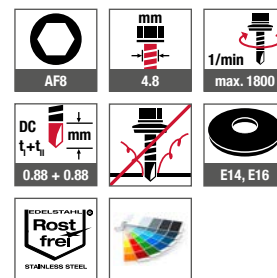


EJOFAST® JF screwdriver
available as rental equipment.

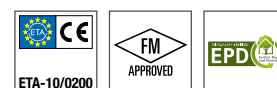
Applications



Technical data



Certifications



| 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 | 24.20 | 3 591 977 391 | 4061245015583 |
| JF3-2H-4.8x19-E14 VE100 | 19 | 4.8 | 0 - 4 | 100 | 25.20 | 6 591 977 391 | 4061245014791 |
| Sealing washer E 14, Ø 14 mm, collated | | | | | | | |
| JF3-2H-4.8x19-E14 collated | 19 | 4.8 | 0 - 4 | 500 | 27.70 | 3 385 009 000 | 4061245016559 |
| Sealing washer E 16, Ø 16 mm, collated | | | | | | | |
| JF3-2H-4.8x19 E16 | 19 | 4.8 | 0 - 4 | 500 | 24.20 | 3 591 911 391 | 4061245026466 |

EJOFAST® self-drilling screw JF3-2-5.5

EJOFAST® self-drilling screw JF6-2-5.5



Application range

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

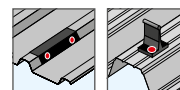
- > Fastening trapezoidal sheet flashings, clips for fixing standing seam systems or pre-punched retainers to thin-walled steel substructures (e.g. profiled sheets)
- > Fixing wind deflector sheets to profiled elements

Properties

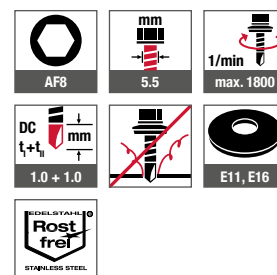
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Non-skid application
- > Fastening without swarf*
- > High load-carrying capacity

***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] | Clamp thickness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|--|-------------|---------------|----------------------|-------------|-----------------|----------------|---------------|
| JT3 made of A2 stainless steel with sealing washer E 11, Ø 11 mm, loose | | | | | | | |
| JF3-2-5.5x25 E11 | 25 | 5.5 | 0 - 17 | 500 | 33.50 | 3597292391 | 4061245049663 |
| JT3 made of A2 stainless steel with sealing washer E 16, Ø 16 mm, loose | | | | | | | |
| JF3-2-5.5x25-E16 | 25 | 5.5 | 0 - 7 | 500 | 33.50 | 3 597 211 391 | 4061245015040 |
| JF3-2-5.5x25-E16 VE100 | 25 | 5.5 | 0 - 7 | 100 | 34.50 | 6 597 211 391 | 4061245014609 |
| JF3-2-5.5x35-E16 | 35 | 5.5 | 0 - 17 | 500 | 38.60 | 3 597 511 391 | 4061245015026 |
| JT3 made of A2 stainless steel with sealing washer E 16, Ø 16 mm, loose | | | | | | | |
| JF6-2-5.5x25 E16 | 25 | 5.5 | 0 - 7 | 500 | 44.30 | 3 597 281 991 | 4061245067513 |



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

**Application range**

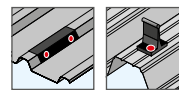
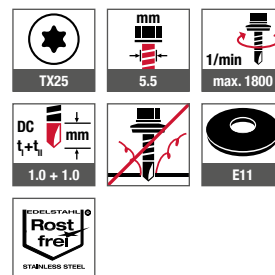
Fastening components and brackets to thin-walled metal profiles for photovoltaic installations:

- > 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*
- > High load-carrying capacity
- > 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**

| 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 | 35.80 | 3 593 292 391 | 4061245015460 |

*JF6 made of A4 stainless steel upon request

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

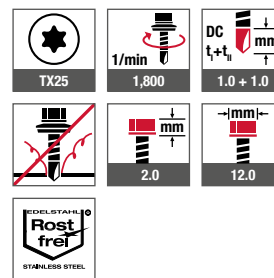
- > A2 stainless steel with hardened steel drill point
- > Pan head
- > Fastening without swarf*

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

Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|-------------------|-------------|---------------|-------------|-----------------|----------------|---------------|
| JF3-LT-2-5.5x25 | 25 | 5.5 | 500 | 36.40 | 7 381 207 301 | 4061245061627 |



EJOFAST® self-drilling screw JF3-4.9



| Cross references | page |
|---------------------|------|
| ORKAN storm washers | 74 |

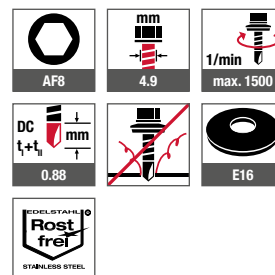
Application range

- > 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
- > High load-carrying capacity

***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 | 33.10 | 3 593 667 321 | 4061245046648 |
| JF3-4.9x35-E16 VE100 | 35 | 4.9 | 500 | 34.10 | 6 593 667 321 | 4061245062075 |
| JF3-4.9x70-E16 | 70 | 4.9 | 250 | 48.40 | 3 597 167 321 | 4061245046662 |

EJOFAST® self-drilling screw JF3-FR-4.9



| Cross references | page |
|---------------------|------|
| ORKAN storm washers | 74 |

Application range

- > Fastening profiled steel or aluminium sheets to timber sub-structure

Properties

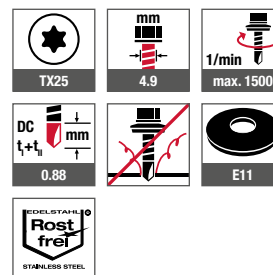
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Fastening without swarf*
- > Assembly without pre-drilling
- > Non-skid application
- > High load-carrying capacity

***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 | 35.70 | 3 593 692 328 | 4061245046655 |
| JF3-FR-4.9x35-E11 VE100 | 35 | 4.9 | 100 | 36.70 | 6 593 692 328 | 4061245062808 |

EJOFAST® self-drilling screw JF3-6.8



Application range

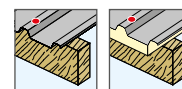
- > Fastening profiled steel or aluminium sheets and sandwich panels to timber substructure

Properties

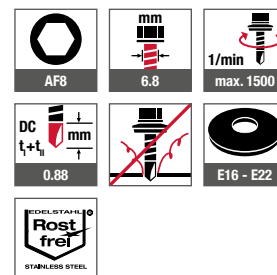
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Fastening without swarf*
- > Assembly without pre-drilling
- > Non-skid application
- > High load-carrying capacity

***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 |
|---------------------|------|
| ORKAN storm washers | 74 |

| 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 | | | | | | | | |
| JF3-6.8x40-E16 | 40 | 6.8 | 40 | - | 250 | 37.50 | 3 594 067 391 | 4061245015415 |
| JF3-6.8x40-E16 VE100 | 40 | 6.8 | 40 | - | 100 | 38.50 | 6 594 067 391 | 4061245014678 |
| JF3-6.8x60-E16 | 60 | 6.8 | 60 | 0 - 10 | 250 | 51.50 | 3 594 167 391 | 4061245015408 |
| JF3-6.8x60-E16 VE100 | 60 | 6.8 | 60 | 0 - 10 | 100 | 52.50 | 6 594 167 391 | 4061245014661 |
| JF3-6.8x80-E16 | 80 | 6.8 | 75 | 0 - 30 | 250 | 58.30 | 3 594 267 391 | 4061245015392 |
| JF3-6.8x80-E16 VE100 | 80 | 6.8 | 75 | 0 - 30 | 100 | 59.30 | 6 594 267 391 | 4061245014654 |
| JF3-6.8x100-E16 | 100 | 6.8 | 75 | 20 - 50 | 100 | 71.50 | 3 594 367 391 | 4061245015385 |
| JF3-6.8x120-E16 | 120 | 6.8 | 75 | 40 - 70 | 100 | 84.40 | 3 594 467 391 | 4061245015378 |
| JF3-6.8x140-E16 | 140 | 6.8 | 75 | 60 - 90 | 100 | 93.70 | 3 594 567 391 | 4061245015361 |
| JF3-6.8x160-E16 | 160 | 6.8 | 75 | 80 - 110 | 100 | 103.80 | 3 594 667 391 | 4061245015354 |
| JF3-6.8x180-E16 | 180 | 6.8 | 75 | 100 - 130 | 100 | 118.20 | 3 594 767 391 | 4061245015347 |
| JF3-6.8x200-E16 | 200 | 6.8 | 75 | 120 - 150 | 100 | 131.00 | 3 594 867 391 | 4061245015330 |
| JF3-6.8x220-E16 | 220 | 6.8 | 75 | 140 - 170 | 100 | 164.70 | 3 594 967 391 | 4061245015323 |
| JF3-6.8x240-E16 | 240 | 6.8 | 75 | 160 - 190 | 100 | 207.30 | 3 595 067 391 | 4061245015293 |
| JF3-6.8x260-E16 | 260 | 6.8 | 75 | 180 - 210 | 100 | 244.70 | 3 595 167 391 | 4061245015279 |
| JF3-6.8x280-E16 | 280 | 6.8 | 75 | 200 - 230 | 100 | 276.00 | 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 | 308.00 | 3 595 367 391 | 4061245015231 |
| Sealing washer E19, Ø 19 mm | | | | | | | | |
| JF3-6.8x40-E19 | 40 | 6.8 | 40 | - | 250 | 39.80 | 3 594 066 391 | 4061245044408 |
| JF3-6.8x60-E19 | 60 | 6.8 | 60 | 0 - 10 | 250 | 53.80 | 3 594 166 391 | 4061245044415 |
| JF3-6.8x80-E19 | 80 | 6.8 | 75 | 0 - 30 | 100 | 60.60 | 3 594 266 391 | 4061245032405 |
| JF3-6.8x100-E19 | 100 | 6.8 | 75 | 20 - 50 | 100 | 73.80 | 3 594 366 391 | 4061245040400 |
| JF3-6.8x120-E19 | 120 | 6.8 | 75 | 40 - 70 | 100 | 86.70 | 3 594 466 391 | 4061245040981 |
| JF3-6.8x140-E19 | 140 | 6.8 | 75 | 60 - 90 | 100 | 96.00 | 3 594 566 391 | 4061245040974 |
| JF3-6.8x160-E19 | 160 | 6.8 | 75 | 80 - 110 | 100 | 106.10 | 3 594 666 391 | 4061245040967 |
| JF3-6.8x180-E19 | 180 | 6.8 | 75 | 100 - 130 | 100 | 120.50 | 3 594 766 391 | 4061245040950 |
| JF3-6.8x200-E19 | 200 | 6.8 | 75 | 120 - 150 | 100 | 133.30 | 3 594 866 391 | 4061245040943 |
| JF3-6.8x220-E19 | 220 | 6.8 | 75 | 140 - 170 | 100 | 167.00 | 3 594 966 391 | 4061245040936 |
| JF3-6.8x240-E19 | 240 | 6.8 | 75 | 160 - 190 | 100 | 209.60 | 3 595 066 391 | 4061245040905 |
| JF3-6.8x260-E19 | 260 | 6.8 | 75 | 180 - 210 | 100 | 247.00 | 3 595 166 391 | 4061245040899 |
| JF3-6.8x280-E19 | 280 | 6.8 | 75 | 200 - 230 | 100 | 278.30 | 3 595 266 391 | 4061245044422 |
| JF3-6.8x300-E19 | 300 | 6.8 | 75 | 220 - 250 | 100 | 310.30 | 3 595 366 391 | 4061245044439 |
| Sealing washer E22, Ø 22 mm | | | | | | | | |
| JF3-6.8x40-E22 | 40 | 6.8 | 40 | - | 250 | 41.30 | 3 594 013 391 | 4061245026244 |
| JF3-6.8x60-E22 | 60 | 6.8 | 60 | 0 - 10 | 250 | 55.30 | 3 594 113 391 | 4061245026237 |
| JF3-6.8x80-E22 | 80 | 6.8 | 75 | 0 - 30 | 100 | 62.10 | 3 594 213 391 | 4061245026220 |
| JF3-6.8x100-E22 | 100 | 6.8 | 75 | 20 - 50 | 100 | 75.30 | 3 594 313 391 | 4061245026213 |
| JF3-6.8x120-E22 | 120 | 6.8 | 75 | 40 - 70 | 100 | 88.20 | 3 594 413 391 | 4061245026206 |
| JF3-6.8x140-E22 | 140 | 6.8 | 75 | 60 - 90 | 100 | 97.50 | 3 594 513 391 | 4061245026190 |
| JF3-6.8x160-E22 | 160 | 6.8 | 75 | 80 - 110 | 100 | 107.60 | 3 594 613 391 | 4061245026183 |
| JF3-6.8x180-E22 | 180 | 6.8 | 75 | 100 - 130 | 100 | 122.00 | 3 594 713 391 | 4061245026176 |
| JF3-6.8x200-E22 | 200 | 6.8 | 75 | 120 - 150 | 100 | 134.80 | 3 594 813 391 | 4061245026169 |
| JF3-6.8x220-E22 | 220 | 6.8 | 75 | 140 - 170 | 100 | 168.50 | 3 594 913 391 | 4061245026152 |
| JF3-6.8x240-E22 | 240 | 6.8 | 75 | 160 - 190 | 100 | 211.10 | 3 595 013 391 | 4061245026121 |
| JF3-6.8x260-E22 | 260 | 6.8 | 75 | 180 - 210 | 100 | 248.50 | 3 595 113 391 | 4061245026084 |
| JF3-6.8x280-E22 | 280 | 6.8 | 75 | 200 - 230 | 100 | 279.80 | 3 595 213 391 | 4061245026039 |
| JF3-6.8x300-E22 | 300 | 6.8 | 75 | 220 - 250 | 100 | 311.80 | 3 595 313 391 | 4061245026008 |

EJOT® self-drilling screw JT3-2H-4.8



Application range

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

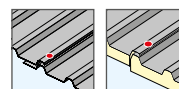
Properties

- > 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

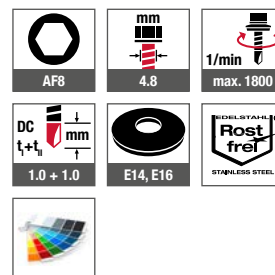


EJOFAST® JF screwdriver
available as rental equipment.

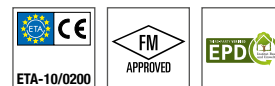
Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [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 | 22.50 | 3 591 977 351 | 4061245015590 |
| JT3-2H-4.8x19-E14 VE100 | 19 | 4.8 | 0 - 4 | 100 | 23.50 | 6 591 977 351 | 4061245014807 |
| Sealing washer E 14, Ø 14 mm, collated | | | | | | | |
| JT3-2H-4.8x19-E14 collated | 19 | 4.8 | 0 - 4 | 500 | 26.00 | 3 380 209 000 | 4061245016566 |
| Sealing washer E 16, Ø 16 mm, loose | | | | | | | |
| JT3-2H-4.8x19 E16 | 19 | 4.8 | 0 - 4 | 500 | 22.50 | 3 591 911 351 | 4061245026473 |

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

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



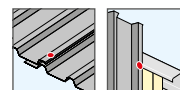
Application range

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

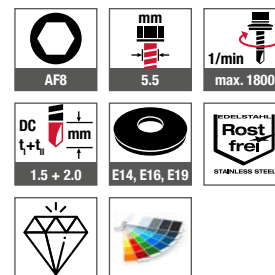
Properties

- > 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

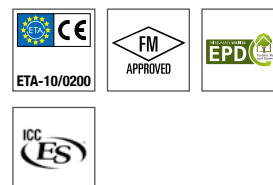
Applications



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 E 14, Ø 14 mm, loose | | | | | | | |
| JT3-2H-Plus-5.5x25 E14 | 25 | 5.5 | 0 - 7 | 500 | 24.90 | 3 592 209 391 | 4061245026442 |
| JT3 made of A2 stainless steel with sealing washer E 16, Ø 16 mm | | | | | | | |
| JT3-2H-Plus-5.5x25-E16 | 25 | 5.5 | 0 - 7 | 500 | 24.90 | 3 592 211 391 | 4061245015552 |
| JT3-2H-Plus-5.5x25-E16 VE 100 | 25 | 5.5 | 0 - 7 | 100 | 25.90 | 6 592 211 391 | 4061245014760 |
| JT3-2H-Plus-5.5x35 | 35 | 5.5 | 0 - 17 | 500 | 30.30 | 3 592 511 391 | 4061245015514 |
| JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm | | | | | | | |
| JT3-2H-Plus-5.5x25 E19 | 25 | 5.5 | 0 - 7 | 500 | 27.20 | 3 592 212 391 | 4061245050218 |
| JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm | | | | | | | |
| JT3-2H-Plus-5.5x25 E22 | 25 | 5.5 | 0 - 7 | 500 | 28.70 | 3 592 213 391 | 4061245026428 |
| JT6 made of A4 stainless steel with sealing washer E 16, Ø 16 mm | | | | | | | |
| JT6-2H-Plus-5.5x25-E16 | 25 | 5.5 | 0 - 7 | 500 | 29.80 | 3 592 281 991 | 4061245015521 |



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



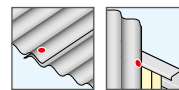
Application range

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

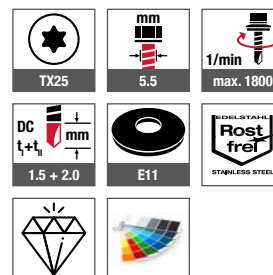
Properties

- > 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

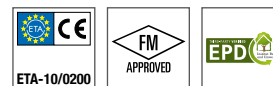
Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [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 | 27.00 | 3 592 269 398 | 4061245015538 |
| JT3-FR-2H-Plus-5.5x25-E11 VE100 | 25 | 5.5 | 0 - 7 | 100 | 28.00 | 6 592 269 398 | 4061245014746 |

EJOT® self-drilling screw JT3-2-6.0



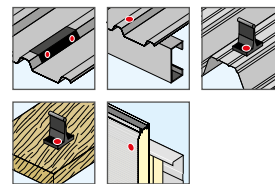
Application range

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

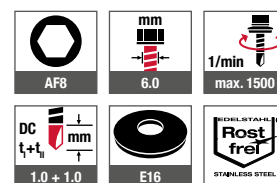
Properties

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

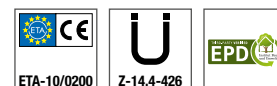
Applications



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 | 32.50 | 3 595 511 321 | 4061245015200 |
| JT3-2-6.0x35-E16 | 35 | 6.0 | 0 - 16 | 500 | 37.40 | 3 595 711 321 | 4061245015149 |

EJOT® self-drilling screw JT3-2-6.5



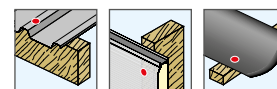
Application range

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

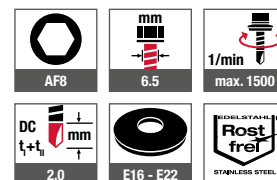
Properties

- > 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

74

Certifications



| 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 | 34.10 | 3 594 011 321 | 4061245015422 |
| JT3-2-6.5x40-E16 VE100 | 40 | 6.5 | 40 | - | 100 | 35.10 | 6 594 011 321 | 4061245014685 |
| JT3-2-6.5x50-E16 | 50 | 6.5 | 50 | - | 250 | 38.10 | 3 598 811 321 | 4061245014968 |
| JT3-2-6.5x50-E16 VE100 | 50 | 6.5 | 50 | - | 100 | 39.10 | 6 598 811 321 | 4061245014586 |
| JT3-2-6.5x65-E16 | 65 | 6.5 | 65 | 0 - 15 | 250 | 46.80 | 3 598 911 321 | 4061245014951 |
| JT3-2-6.5x65-E16 VE100 | 65 | 6.5 | 65 | 0 - 15 | 100 | 47.80 | 6 598 911 321 | 4061245014579 |
| JT3-2-6.5x80-E16 | 80 | 6.5 | 80 | 0 - 30 | 250 | 53.00 | 3 598 011 321 | 4061245015019 |
| JT3-2-6.5x80-E16 VE100 | 80 | 6.5 | 80 | 0 - 30 | 100 | 54.00 | 6 598 011 321 | 4061245014593 |
| JT3-2-6.5x100-E16 | 100 | 6.5 | 80 | 16 - 50 | 100 | 65.00 | 3 598 111 321 | 4061245014982 |
| JT3-2-6.5x120-E16 | 120 | 6.5 | 80 | 36 - 70 | 100 | 76.70 | 3 598 311 321 | 4061245014975 |
| JT3-2-6.5x140-E16 | 140 | 6.5 | 80 | 56 - 90 | 100 | 85.10 | 3 598 511 321 | 4061245025667 |
| JT3-2-6.5x160-E16 | 160 | 6.5 | 80 | 76 - 110 | 100 | 94.40 | 3 598 711 321 | 4061245025643 |
| JT3-2-6.5x180-E16 | 180 | 6.5 | 80 | 96 - 130 | 100 | 107.40 | 3 598 211 321 | 4061245025698 |
| JT3-2-6.5x200-E16 | 200 | 6.5 | 80 | 116 - 150 | 100 | 119.20 | 3 599 011 321 | 4061245025605 |
| JT3-2-6.5x220-E16 | 220 | 6.5 | 80 | 136 - 170 | 100 | 149.70 | 3 599 111 321 | 4061245025582 |
| JT3-2-6.5x240-E16 | 240 | 6.5 | 80 | 156 - 190 | 100 | 188.50 | 3 599 211 321 | 4061245025568 |
| JT3-2-6.5x260-E16 | 260 | 6.5 | 80 | 176 - 210 | 100 | 222.50 | 3 599 311 321 | 4061245025544 |
| JT3-2-6.5x280-E16 | 280 | 6.5 | 80 | 196 - 230 | 100 | 250.90 | 3 599 511 321 | 4061245025520 |



| Order description | Length [mm] | Diameter [mm] | Thread length [mm] | Thickness component I [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|----------------|------------------|-----------------------|----------------------------------|----------------|--------------------|----------------|---------------|
| JT3-2-6.5x300-E16 | 300 | 6.5 | 80 | 216 - 250 | 100 | 279.90 | 3 599 611 321 | 4061245025506 |
| Sealing washer E19, Ø 19 mm | | | | | | | | |
| JT3-2-6.5x40-E19 | 40 | 6.5 | 80 | - | 250 | 36.40 | 3 594 012 321 | 4061245041643 |
| JT3-2-6.5x50-E19 | 50 | 6.5 | 80 | - | 250 | 40.40 | 3 598 812 321 | 4061245040707 |
| JT3-2-6.5x65-E19 | 65 | 6.5 | 80 | 0 - 15 | 250 | 49.10 | 3 598 912 321 | 4061245040691 |
| JT3-2-6.5x80-E19 | 80 | 6.5 | 80 | 0 - 30 | 100 | 55.30 | 3 598 012 321 | 4061245040745 |
| JT3-2-6.5x100-E19 | 100 | 6.5 | 80 | 16 - 50 | 100 | 67.30 | 3 598 112 321 | 4061245040721 |
| JT3-2-6.5x120-E19 | 120 | 6.5 | 80 | 36 - 70 | 100 | 79.00 | 3 598 312 321 | 4061245040714 |
| JT3-2-6.5x140-E19 | 140 | 6.5 | 80 | 56 - 90 | 100 | 87.40 | 3 598 512 321 | 4061245049588 |
| JT3-2-6.5x160-E19 | 160 | 6.5 | 80 | 76 - 110 | 100 | 96.70 | 3 598 712 321 | 4061245049571 |
| JT3-2-6.5x180-E19 | 180 | 6.5 | 80 | 96 - 130 | 100 | 109.70 | 3 598 212 321 | 4061245049632 |
| JT3-2-6.5x200-E19 | 200 | 6.5 | 80 | 116 - 150 | 100 | 121.50 | 3 599 012 321 | 4061245049557 |
| JT3-2-6.5x220-E19 | 220 | 6.5 | 80 | 136 - 170 | 100 | 152.00 | 3 599 112 321 | 4061245049540 |
| JT3-2-6.5x240-E19 | 240 | 6.5 | 80 | 156 - 190 | 50 | 190.80 | 3 599 212 321 | 4061245049533 |
| JT3-2-6.5x260-E19 | 260 | 6.5 | 80 | 176 - 210 | 100 | 224.80 | 3 599 312 321 | 4061245049526 |
| JT3-2-6.5x280-E19 | 280 | 6.5 | 80 | 196 - 230 | 100 | 253.20 | 3 599 566 321 | 4061245049496 |
| JT3-2-6.5x300-E19 | 300 | 6.5 | 80 | 216 - 250 | 100 | 282.20 | 3 599 612 321 | 4061245067728 |
| Sealing washer E22, Ø 22 mm | | | | | | | | |
| JT3-2-6.5x40-E22 | 40 | 6.5 | 80 | - | 250 | 37.90 | 3 594 013 321 | 4061245026251 |
| JT3-2-6.5x40-E22 VE100 | 40 | 6.5 | 80 | - | 100 | 38.90 | 6 594 013 321 | 4061245025421 |
| JT3-2-6.5x50-E22 | 50 | 6.5 | 80 | - | 250 | 41.90 | 3 598 813 321 | 4061245025629 |
| JT3-2-6.5x50-E22 VE100 | 50 | 6.5 | 80 | - | 100 | 42.90 | 6 598 813 321 | 4061245025407 |
| JT3-2-6.5x65-E22 | 65 | 6.5 | 80 | 0 - 15 | 250 | 50.60 | 3 598 913 321 | 4061245046105 |
| JT3-2-6.5x65-E22 VE100 | 65 | 6.5 | 80 | 0 - 15 | 100 | 51.60 | 6 598 913 321 | 4061245025391 |
| JT3-2-6.5x80-E22 | 80 | 6.5 | 80 | 0 - 30 | 100 | 56.80 | 3 598 013 321 | 4061245025711 |
| JT3-2-6.5x100-E22 | 100 | 6.5 | 80 | 16 - 50 | 100 | 68.80 | 3 598 113 321 | 4061245025704 |
| JT3-2-6.5x120-E22 | 120 | 6.5 | 80 | 36 - 70 | 100 | 80.50 | 3 598 313 321 | 4061245025674 |
| JT3-2-6.5x140-E22 | 140 | 6.5 | 80 | 56 - 90 | 100 | 88.90 | 3 598 513 321 | 4061245025650 |
| JT3-2-6.5x160-E22 | 160 | 6.5 | 80 | 76 - 110 | 100 | 98.20 | 3 598 713 321 | 4061245025636 |
| JT3-2-6.5x180-E22 | 180 | 6.5 | 80 | 96 - 130 | 100 | 111.20 | 3 598 213 321 | 4061245025681 |
| JT3-2-6.5x200-E22 | 200 | 6.5 | 80 | 116 - 150 | 100 | 123.00 | 3 599 013 321 | 4061245032504 |
| JT3-2-6.5x220-E22 | 220 | 6.5 | 80 | 136 - 170 | 100 | 153.50 | 3 599 113 321 | 4061245025575 |
| JT3-2-6.5x240-E22 | 240 | 6.5 | 80 | 156 - 190 | 100 | 192.30 | 3 599 213 321 | 4061245025551 |
| JT3-2-6.5x260-E22 | 260 | 6.5 | 80 | 176 - 210 | 100 | 226.30 | 3 599 313 321 | 4061245025537 |
| JT3-2-6.5x280-E22 | 280 | 6.5 | 80 | 196 - 230 | 100 | 254.70 | 3 599 513 321 | 4061245025513 |
| JT3-2-6.5x300-E22 | 300 | 6.5 | 80 | 216 - 250 | 100 | 283.70 | 3 599 613 321 | 4061245025490 |

EJOT® self-drilling screw JT3-6-5.5

EJOT® self-drilling screw JT6-6-5.5



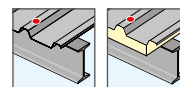
Application range

- > 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

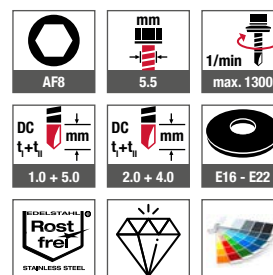
Properties

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

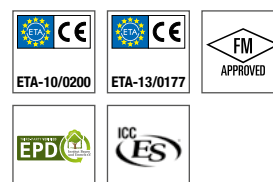
Applications



Technical data



Certifications



| Cross references | page |
|---------------------|------|
| ORKAN storm washers | 74 |

| 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 16, Ø 16 mm | | | | | | | |
| JT3-6-5.5x25-E16 | 25 | 5.5 | 0 - 7 | 500 | 24.90 | 3 572 211 361 | 4061245015699 |
| JT3-6-5.5x25-E16 VE100 | 25 | 5.5 | 0 - 7 | 100 | 25.90 | 6 572 211 361 | 4061245014852 |
| JT3-6-5.5x30-E16 | 30 | 5.5 | 0 - 11 | 500 | 31.60 | 3 572 311 361 | 4061245015675 |
| JT3-6-5.5x30-E16 VE100 | 30 | 5.5 | 0 - 11 | 100 | 32.60 | 6 572 311 361 | 4061245014845 |
| JT3-6-5.5x35-E16 | 35 | 5.5 | 0 - 16 | 500 | 32.90 | 3 572 511 361 | 4061245015668 |
| JT3-6-5.5x35-E16 VE100 | 35 | 5.5 | 0 - 16 | 100 | 33.90 | 6 572 511 361 | 4061245014838 |
| JT3-6-5.5x50-E16 | 50 | 5.5 | 0 - 31 | 250 | 48.20 | 3 592 811 361 | 4061245015484 |
| JT3-6-5.5x50-E16 VE100 | 50 | 5.5 | 0 - 31 | 100 | 49.20 | 6 592 811 361 | 4061245014722 |
| JT3-6-5.5x70-E16 | 70 | 5.5 | 22 - 51 | 250 | 53.80 | 3 593 911 361 | 4061245015439 |
| JT3-6-5.5x70-E16 VE100 | 70 | 5.5 | 22 - 51 | 100 | 54.80 | 6 593 911 361 | 4061245014692 |
| JT3-6-5.5x90-E16 | 90 | 5.5 | 42 - 71 | 250 | 60.80 | 3 596 111 361 | 4061245015118 |
| JT3-6-5.5x90-E16 VE100 | 90 | 5.5 | 42 - 71 | 100 | 61.80 | 6 596 111 361 | 4061245014616 |
| JT3-6-5.5x110-E16 | 110 | 5.5 | 62 - 91 | 100 | 71.10 | 3 596 211 361 | 4061245015101 |
| JT3-6-5.5x130-E16 | 130 | 5.5 | 82 - 111 | 100 | 83.60 | 3 596 311 361 | 4061245015095 |
| JT3-6-5.5x150-E16 | 150 | 5.5 | 102 - 131 | 100 | 89.80 | 3 596 411 361 | 4061245015088 |
| JT3-6-5.5x170-E16 | 170 | 5.5 | 122 - 151 | 100 | 104.70 | 3 596 511 361 | 4061245015071 |
| JT3-6-5.5x190-E16 | 190 | 5.5 | 142 - 171 | 100 | 114.30 | 3 596 611 361 | 4061245015064 |
| JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm | | | | | | | |
| JT3-6-5.5x25-E19 | 25 | 5.5 | 0 - 7 | 500 | 27.20 | 3 572 212 361 | 4061245026657 |
| JT3-6-5.5x30-E19 | 30 | 5.5 | 0 - 11 | 500 | 33.90 | 3 572 312 361 | 4061245026602 |
| JT3-6-5.5x35-E19 | 35 | 5.5 | 0 - 16 | 500 | 35.20 | 3 572 512 361 | 4061245026572 |



| Order description | Length [mm] | Diameter [mm] | Clamp thickness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---|-------------|---------------|----------------------|-------------|-----------------|----------------|---------------|
| JT3-6-5.5x50-E19 | 50 | 5.5 | 0 - 31 | 250 | 50.50 | 3 592 812 361 | 4061245032306 |
| JT3-6-5.5x70-E19 | 70 | 5.5 | 22 - 51 | 250 | 56.10 | 3 593 912 361 | 4061245026299 |
| JT3-6-5.5x90-E19 | 90 | 5.5 | 42 - 71 | 100 | 63.10 | 3 596 112 361 | 4061245025872 |
| JT3-6-5.5x110-E19 | 110 | 5.5 | 62 - 91 | 100 | 73.40 | 3 596 212 361 | 4061245025841 |
| JT3-6-5.5x130-E19 | 130 | 5.5 | 82 - 111 | 100 | 85.90 | 3 596 312 361 | 4061245032436 |
| JT3-6-5.5x150-E19 | 150 | 5.5 | 102 - 131 | 100 | 92.10 | 3 596 412 361 | 4061245025780 |
| JT3-6-5.5x170-E19 | 170 | 5.5 | 122 - 151 | 100 | 107.00 | 3 596 512 361 | 4061245025766 |
| JT3-6-5.5x190-E19 | 190 | 5.5 | 142 - 171 | 100 | 116.60 | 3 596 666 361 | 4061245025735 |
| JT3 made of A2 stainless steel with sealing washer E 22, Ø 22 mm | | | | | | | |
| JT3-6-5.5x25-E22 | 25 | 5.5 | 0 - 7 | 500 | 28.70 | 3 572 213 361 | 4061245026640 |
| JT3-6-5.5x25-E22 VE100 | 25 | 5.5 | 0 - 7 | 100 | 29.70 | 6 572 213 361 | 4061245051963 |
| JT3-6-5.5x30-E22 | 30 | 5.5 | 0 - 11 | 500 | 35.40 | 3 572 313 361 | 4061245026596 |
| JT3-6-5.5x35-E22 | 35 | 5.5 | 0 - 16 | 500 | 36.70 | 3 572 513 361 | 4061245026565 |
| JT3-6-5.5x50-E22 | 50 | 5.5 | 0 - 31 | 250 | 52.00 | 3 592 813 361 | 4061245026367 |
| JT3-6-5.5x70-E22 | 70 | 5.5 | 22 - 51 | 250 | 57.60 | 3 593 913 361 | 4061245026282 |
| JT3-6-5.5x90-E22 | 90 | 5.5 | 42 - 71 | 100 | 64.60 | 3 596 113 361 | 4061245025865 |
| JT3-6-5.5x110-E22 | 110 | 5.5 | 62 - 91 | 100 | 74.90 | 3 596 213 361 | 4061245025834 |
| JT3-6-5.5x130-E22 | 130 | 5.5 | 82 - 111 | 100 | 87.40 | 3 596 313 361 | 4061245025797 |
| JT3-6-5.5x150-E22 | 150 | 5.5 | 102 - 131 | 100 | 93.60 | 3 596 413 361 | 4061245025773 |
| JT3-6-5.5x170-E22 | 170 | 5.5 | 122 - 151 | 100 | 108.50 | 3 596 513 361 | 4061245025759 |
| JT3-6-5.5x190-E22 | 190 | 5.5 | 142 - 171 | 100 | 118.10 | 3 596 613 361 | 4061245025742 |
| JT6 made of A4 stainless steel with sealing washer E 16, Ø 16 mm | | | | | | | |
| JT6-6-5.5x25-E16 | 25 | 5.5 | 0 - 7 | 500 | 29.80 | 3 572 281 991 | 4061245015682 |
| JT6-6-5.5x35-E16 | 35 | 5.5 | 0 - 16 | 500 | 38.40 | 3 572 581 991 | 4061245038414 |
| Order information: Further lengths upon request. | | | | | | | |

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



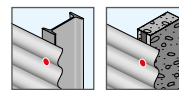
Application range

- > 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

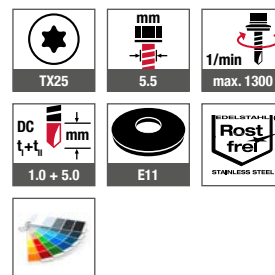
Properties

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

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 E11, Ø 11 mm | | | | | | | |
| JT3-FR-6-5.5x25-E11 | 25 | 5.5 | 0 - 7 | 500 | 27.00 | 3 592 269 368 | 4061245025414 |
| JT3-FR-6-5.5x25-E11 VE100 | 25 | 5.5 | 0 - 7 | 100 | 28.00 | 6 592 269 368 | 4061245051963 |
| JT3-FR-6-5.5x35-E11 | 35 | 5.5 | 0 - 17 | 500 | 35.10 | 3 592 569 368 | 4061245025414 |
| JT3-FR-6-5.5x35-E11 VE100 | 35 | 5.5 | 0 - 17 | 100 | 36.10 | 6 592 569 368 | 4061245051963 |
| JT6 made of A4 stainless steel with sealing washer E 11, Ø 11 mm | | | | | | | |
| JT6-FR-6-5.5x25 E11 | 25 | 5.5 | 0 - 7 | 500 | 32.50 | 3 592 269 339 | 4061245050171 |
| JT6-FR-6-5.5x35 E11 | 35 | 5.5 | 0 - 17 | 500 | 42.20 | 3 592 569 339 | 4061245067605 |

EJOT® self-drilling screw JT3-12-5.5

EJOT® self-drilling screw JT6-12-5.5



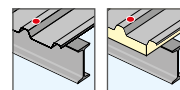
Application range

- > 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

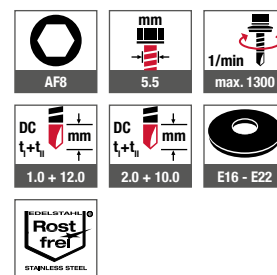
Properties

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

Applications

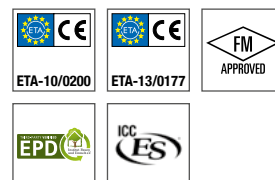


Technical data



| Cross references | page |
|---------------------|------|
| ORKAN storm washers | 74 |

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 E 16, Ø 16 mm | | | | | | | |
| JT3-12-5.5x40-E16 | 40 | 5.5 | 0 - 11 | 500 | 39.10 | 3 595 611 311 | 4061245025414 |
| JT3-12-5.5x40-E16 VE100 | 40 | 5.5 | 0 - 11 | 100 | 40.10 | 6 595 611 311 | 4061245051963 |
| JT3-12-5.5x58-E16 | 58 | 5.5 | 0 - 31 | 250 | 55.20 | 3 595 811 311 | 4061245015132 |
| JT3-12-5.5x58-E16 VE100 | 58 | 5.5 | 0 - 31 | 100 | 56.20 | 6 595 811 311 | 4061245014623 |
| JT3-12-5.5x78-E16 | 78 | 5.5 | 25 - 51 | 250 | 59.70 | 3 595 011 311 | 4061245015316 |
| JT3-12-5.5x78-E16 VE100 | 78 | 5.5 | 25 - 51 | 100 | 60.70 | 6 595 011 311 | 4061245014647 |
| JT3-12-5.5x98-E16 | 98 | 5.5 | 45 - 71 | 100 | 68.50 | 3 595 111 311 | 4061245015286 |
| JT3-12-5.5x118-E16 | 118 | 5.5 | 65 - 91 | 100 | 80.80 | 3 595 211 311 | 4061245015262 |
| JT3-12-5.5x138-E16 | 138 | 5.5 | 85 - 111 | 100 | 94.20 | 3 595 311 311 | 4061245015248 |
| JT3-12-5.5x158-E16 | 158 | 5.5 | 105 - 131 | 100 | 105.60 | 3 595 411 311 | 4061245015224 |
| JT3-12-5.5x178-E16 | 178 | 5.5 | 125 - 151 | 100 | 117.40 | 3 595 511 311 | 4061245015217 |
| JT3-12-5.5x198-E16 | 198 | 5.5 | 145 - 171 | 100 | 120.90 | 3 595 711 311 | 4061245015156 |





| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---|----------------|------------------|---------------------------|----------------|--------------------|----------------|---------------|
| JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm | | | | | | | |
| JT3-12-5.5x40-E19 | 40 | 5.5 | 0 - 11 | 500 | 41.40 | 3 595 612 311 | 4061245025414 |
| JT3-12-5.5x58-E19 | 58 | 5.5 | 0 - 31 | 250 | 57.50 | 3 595 812 311 | 4061245025896 |
| JT3-12-5.5x78-E19 | 78 | 5.5 | 25 - 51 | 250 | 62.00 | 3 595 012 311 | 4061245026145 |
| JT3-12-5.5x98-E19 | 98 | 5.5 | 45 - 71 | 100 | 70.80 | 3 595 112 311 | 4061245026107 |
| JT3-12-5.5x118-E19 | 118 | 5.5 | 65 - 91 | 100 | 83.10 | 3 595 212 311 | 4061245026053 |
| JT3-12-5.5x138-E19 | 138 | 5.5 | 85 - 111 | 100 | 96.50 | 3 595 312 311 | 4061245026022 |
| JT3-12-5.5x158-E19 | 158 | 5.5 | 105 - 131 | 100 | 107.90 | 3 595 412 311 | 4061245025995 |
| JT3-12-5.5x178-E19 | 178 | 5.5 | 125 - 151 | 100 | 119.70 | 3 595 512 311 | 4061245025971 |
| JT3-12-5.5x198-E19 | 198 | 5.5 | 145 - 171 | 100 | 123.20 | 3 595 712 311 | 4061245025919 |
| JT3 made of A2 stainless steel with sealing washer E 22, Ø 22 mm | | | | | | | |
| JT3-12-5.5x40-E22 | 40 | 5.5 | 0 - 11 | 250 | 42.90 | 3 595 613 311 | 4061245051963 |
| JT3-12-5.5x40 E22 VE100 | 40 | 5.5 | 0 - 11 | 100 | 43.90 | 6 595 613 311 | 4061245025414 |
| JT3-12-5.5x58-E22 | 58 | 5.5 | 0 - 31 | 250 | 59.00 | 3 595 813 311 | 4061245025889 |
| JT3-12-5.5x78-E22 | 78 | 5.5 | 25 - 51 | 250 | 63.50 | 3 595 013 311 | 4061245026138 |
| JT3-12-5.5x98-E22 | 98 | 5.5 | 45 - 71 | 100 | 72.30 | 3 595 113 311 | 4061245026091 |
| JT3-12-5.5x118-E22 | 118 | 5.5 | 65 - 91 | 100 | 84.60 | 3 595 213 311 | 4061245026046 |
| JT3-12-5.5x138-E22 | 138 | 5.5 | 85 - 111 | 100 | 98.00 | 3 595 313 311 | 4061245026015 |
| JT3-12-5.5x158-E22 | 158 | 5.5 | 105 - 131 | 100 | 109.40 | 3 595 413 311 | 4061245025988 |
| JT3-12-5.5x178-E22 | 178 | 5.5 | 125 - 151 | 100 | 121.20 | 3 595 513 311 | 4061245025964 |
| JT3-12-5.5x198-E22 | 198 | 5.5 | 145 - 171 | 100 | 124.70 | 3 595 713 311 | 4061245025902 |
| JT6 made of A4 stainless steel with sealing washer E 16, Ø 16 mm | | | | | | | |
| JT6-12-5.5x40-E16 | 40 | 5.5 | 0 - 11 | 500 | 46.90 | 3 595 681 991 | 4061245015163 |
| Order information: Further lengths upon request. | | | | | | | |

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

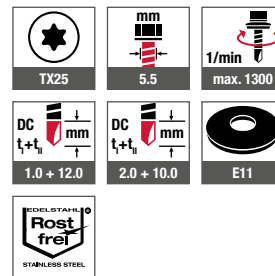
Properties

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

Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [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 | 41.20 | 3 595 669 318 | 4061245015170 |

EJOT® self-drilling screw JT3-18-5.5



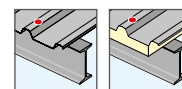
Application range

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

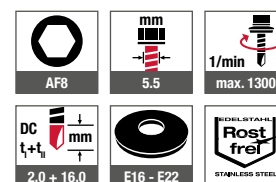
Properties

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

Applications



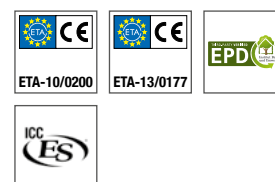
Technical data



Cross references page

ORKAN storm washers 74

Certifications



| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [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 | 66.20 | 3 593 011 381 | 4061245015477 |
| JT3-18-5.5x115-E16 | 115 | 5.5 | 40 - 78 | 100 | 97.00 | 3 595 011 381 | 4061245015309 |
| JT3-18-5.5x155-E16 | 155 | 5.5 | 80 - 118 | 100 | 126.80 | 3 595 511 381 | 4061245015194 |
| JT3-18-5.5x195-E16 | 195 | 5.5 | 120 - 158 | 100 | 145.10 | 3 596 011 381 | 4061245015125 |
| JT3-18-5.5x215-E16 | 215 | 5.5 | 140 - 178 | 100 | 159.90 | 3 596 511 381 | 4061245048000 |
| JT3-18-5.5x235-E16 | 235 | 5.5 | 160 - 198 | 100 | 171.80 | 3 597 511 381 | 4061245015033 |
| JT3-18-5.5x275-E16 | 275 | 5.5 | 200 - 238 | 100 | 212.10 | 3 598 011 381 | 4061245015002 |
| Sealing washer E19, Ø 19 mm | | | | | | | |
| JT3-18-5.5x55-E19 | 55 | 5.5 | 0 - 18 | 250 | 68.50 | 3 593 012 381 | 4061245041018 |
| JT3-18-5.5x115-E19 | 115 | 5.5 | 40 - 78 | 100 | 99.30 | 3 595 012 381 | 4061245040929 |
| JT3-18-5.5x155-E19 | 155 | 5.5 | 80 - 118 | 100 | 129.10 | 3 595 512 381 | 4061245040851 |
| JT3-18-5.5x195-E19 | 195 | 5.5 | 120 - 158 | 100 | 147.40 | 3 596 012 381 | 4061245040783 |
| JT3-18-5.5x235-E19 | 235 | 5.5 | 160 - 198 | 100 | 174.10 | 3 597 512 381 | 4061245040752 |
| JT3-18-5.5x275-E19 | 275 | 5.5 | 200 - 238 | 100 | 214.40 | 3 598 012 381 | 4061245044453 |
| Sealing washer E22, Ø 22 mm | | | | | | | |
| JT3-18-5.5x55-E22 | 55 | 5.5 | 0 - 18 | 250 | 70.00 | 3 593 013 381 | 4061245026336 |
| JT3-18-5.5x115-E22 | 115 | 5.5 | 40 - 78 | 100 | 100.80 | 3 595 013 381 | 4061245040912 |
| JT3-18-5.5x155-E22 | 155 | 5.5 | 80 - 118 | 100 | 130.60 | 3 595 513 381 | 4061245040844 |
| JT3-18-5.5x195-E22 | 195 | 5.5 | 120 - 158 | 100 | 148.90 | 3 596 013 381 | 4061245040776 |
| JT3-18-5.5x235-E22 | 235 | 5.5 | 160 - 198 | 100 | 175.60 | 3 597 513 381 | 4061245044446 |
| JT3-18-5.5x275-E22 | 275 | 5.5 | 200 - 238 | 100 | 215.90 | 3 598 013 381 | 4061245040738 |

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



Application range

- > Fastening sandwich panels to timber substructure

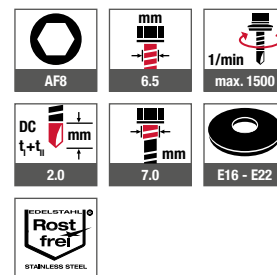
Properties

- > 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



Certifications



| Order description | Length [mm] | Diameter [mm] | Thickness component l [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 | 65.70 | 3 558 411 351 | 4061245026961 |
| JT3-D-2H-6.5/7.0x120 E16 | 120 | 6.5 | 36 - 70 | 100 | 77.40 | 3 558 511 351 | 4061245026947 |
| JT3-D-2H-6.5/7.0x140 E16 | 140 | 6.5 | 56 - 90 | 100 | 85.80 | 3 558 611 351 | 4061245026923 |
| JT3-D-2H-6.5/7.0x160 E16 | 160 | 6.5 | 76 - 110 | 100 | 95.10 | 3 558 711 351 | 4061245026909 |
| JT3-D-2H-6.5/7.0x180 E16 | 180 | 6.5 | 96 - 130 | 100 | 108.10 | 3 558 811 351 | 4061245026886 |
| JT3-D-2H-6.5/7.0x200 E16 | 200 | 6.5 | 116 - 150 | 100 | 131.70 | 3 558 911 351 | 4061245026862 |
| JT3-D-2H-6.5/7.0x220 E16 | 220 | 6.5 | 136 - 170 | 100 | 165.40 | 3 559 311 351 | 4061245026787 |
| JT3-D-2H-6.5/7.0x240 E16 | 240 | 6.5 | 156 - 190 | 100 | 208.10 | 3 559 011 351 | 4061245026848 |
| JT3-D-2H-6.5/7.0x260 E16 | 260 | 6.5 | 176 - 210 | 100 | 233.90 | 3 559 411 351 | 4061245044460 |
| JT3-D-2H-6.5/7.0x280 E16 | 280 | 6.5 | 196 - 230 | 100 | 251.70 | 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 | 280.60 | 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 | 68.00 | 3 558 466 351 | 4061245015866 |
| JT3-D-2H-6.5/7.0x120-E19 | 120 | 6.5 | 36 - 70 | 100 | 79.70 | 3 558 566 351 | 4061245015859 |
| JT3-D-2H-6.5/7.0x140-E19 | 140 | 6.5 | 56 - 90 | 100 | 88.10 | 3 558 666 351 | 4061245015842 |
| JT3-D-2H-6.5/7.0x160-E19 | 160 | 6.5 | 76 - 110 | 100 | 97.40 | 3 558 766 351 | 4061245015835 |
| JT3-D-2H-6.5/7.0x180-E19 | 180 | 6.5 | 96 - 130 | 100 | 110.40 | 3 558 866 351 | 4061245009124 |
| JT3-D-2H-6.5/7.0x200-E19 | 200 | 6.5 | 116 - 150 | 100 | 134.00 | 3 558 966 351 | 4061245009131 |
| JT3-D-2H-6.5/7.0x220-E19 | 220 | 6.5 | 136 - 170 | 100 | 167.70 | 3 559 366 351 | 4061245009148 |
| JT3-D-2H-6.5/7.0x240-E19 | 240 | 6.5 | 156 - 190 | 100 | 210.40 | 3 559 066 351 | 4061245015828 |
| JT3-D-2H-6.5/7.0x260-E19 | 260 | 6.5 | 176 - 210 | 100 | 236.20 | 3 559 466 351 | 4061245015798 |
| JT3-D-2H-6.5/7.0x280-E19 | 280 | 6.5 | 196 - 230 | 100 | 254.00 | 3 559 166 351 | 4061245015811 |
| JT3-D-2H-6.5/7.0x300-E19 | 300 | 6.5 | 216 - 250 | 100 | 282.90 | 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 | 69.50 | 3 558 413 351 | 4061245026954 |
| JT3-D-2H-6.5/7.0x120 E22 | 120 | 6.5 | 36 - 70 | 100 | 81.20 | 3 558 513 351 | 4061245026930 |
| JT3-D-2H-6.5/7.0x140 E22 | 140 | 6.5 | 56 - 90 | 100 | 89.60 | 3 558 613 351 | 4061245026916 |
| JT3-D-2H-6.5/7.0x160 E22 | 160 | 6.5 | 76 - 110 | 100 | 98.90 | 3 558 713 351 | 4061245026893 |
| JT3-D-2H-6.5/7.0x180 E22 | 180 | 6.5 | 96 - 130 | 100 | 111.90 | 3 558 813 351 | 4061245026879 |
| JT3-D-2H-6.5/7.0x200 E22 | 200 | 6.5 | 116 - 150 | 100 | 135.50 | 3 558 913 351 | 4061245026855 |
| JT3-D-2H-6.5/7.0x220 E22 | 220 | 6.5 | 136 - 170 | 100 | 169.20 | 3 559 313 351 | 4061245026770 |
| JT3-D-2H-6.5/7.0x240 E22 | 240 | 6.5 | 156 - 190 | 100 | 211.90 | 3 559 013 351 | 4061245026831 |
| JT3-D-2H-6.5/7.0x260 E22 | 260 | 6.5 | 176 - 210 | 100 | 237.70 | 3 559 413 351 | 4061245044477 |
| JT3-D-2H-6.5/7.0x280 E22 | 280 | 6.5 | 196 - 230 | 100 | 255.50 | 3 559 113 351 | 4061245026817 |
| JT3-D-2H-6.5/7.0x300 E22 | 300 | 6.5 | 216 - 250 | 100 | 284.40 | 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



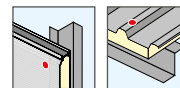
Application range

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

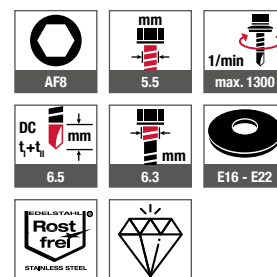
Properties

- > 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



| 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 16, Ø 16 mm | | | | | | | |
| JT3-D-6H-5.5/6.3x67 E16 | 67 | 5.5 | 30 - 48 | 250 | 57.20 | 3 554 511 372 | 4061245027241 |
| JT3-D-6H-5.5/6.3x87 E16 | 87 | 5.5 | 41 - 68 | 250 | 64.40 | 3 556 011 371 | 4061245027142 |
| JT3-D-6H-5.5/6.3x107 E16 | 107 | 5.5 | 51 - 88 | 100 | 75.40 | 3 556 111 371 | 4061245027128 |
| JT3-D-6H-5.5/6.3x127 E16 | 127 | 5.5 | 71 - 108 | 100 | 88.50 | 3 556 211 371 | 4061245027104 |
| JT3-D-6H-5.5/6.3x147 E16 | 147 | 5.5 | 91 - 128 | 100 | 95.10 | 3 556 311 371 | 4061245027081 |
| JT3-D-6H-5.5/6.3x167 E16 | 167 | 5.5 | 111 - 148 | 100 | 110.60 | 3 556 711 371 | 4061245027043 |
| JT3-D-6H-5.5/6.3x197 E16 | 197 | 5.5 | 141 - 178 | 100 | 120.70 | 3 559 711 372 | 4061245026725 |
| JT3-D-6H-5.5/6.3x237 E16 | 237 | 5.5 | 171 - 218 | 100 | 138.20 | 3 559 611 372 | 4061245026749 |
| JT3-D-6H-5.5/6.3x267 E16 | 267 | 5.5 | 201 - 248 | 100 | 181.30 | 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 | | | | | | | |
| JT3-D-6H-5.5/6.3x67-E19 | 67 | 5.5 | 30 - 48 | 100 | 59.50 | 3 554 566 372 | 4061245016047 |
| JT3-D-6H-5.5/6.3x87-E19 | 87 | 5.5 | 41 - 68 | 100 | 66.70 | 3 556 066 371 | 4061245015989 |
| JT3-D-6H-5.5/6.3x107-E19 | 107 | 5.5 | 51 - 88 | 100 | 77.70 | 3 556 166 371 | 4061245015972 |
| JT3-D-6H-5.5/6.3x127-E19 | 127 | 5.5 | 71 - 108 | 100 | 90.80 | 3 556 266 371 | 4061245015965 |
| JT3-D-6H-5.5/6.3x147-E19 | 147 | 5.5 | 91 - 128 | 100 | 97.40 | 3 556 366 371 | 4061245015941 |
| JT3-D-6H-5.5/6.3x167-E19 | 167 | 5.5 | 111 - 148 | 100 | 112.90 | 3 556 766 371 | 4061245015910 |
| JT3-D-6H-5.5/6.3x197-E19 | 197 | 5.5 | 141 - 178 | 100 | 123.00 | 3 559 766 372 | 4061245015743 |
| JT3-D-6H-5.5/6.3x237-E19 | 237 | 5.5 | 171 - 218 | 100 | 140.50 | 3 559 666 372 | 4061245015767 |
| JT3-D-6H-5.5/6.3x267-E19 | 267 | 5.5 | 201 - 248 | 100 | 183.60 | 3 559 966 372 | 4061245015705 |
| JT6 made of A4 stainless steel with sealing washer E 19, Ø 19 mm | | | | | | | |
| JT6-D-6H-5.5/6.3x107-E19 | 107 | 5.5 | 51 - 88 | 100 | 101.40 | 3 556 182 971 | 4061245067612 |
| JT6-D-6H-5.5/6.3x127-E19 | 127 | 5.5 | 71 - 108 | 100 | 109.00 | 3 556 282 971 | 4061245015958 |
| JT6-D-6H-5.5/6.3x147-E19 | 147 | 5.5 | 91 - 128 | 100 | 116.90 | 3 556 382 971 | 4061245015934 |
| JT6-D-6H-5.5/6.3x167-E19 | 167 | 5.5 | 111 - 148 | 100 | 135.70 | 3 556 782 971 | 4061245015903 |
| JT6-D-6H-5.5/6.3x197-E19 | 197 | 5.5 | 141 - 178 | 100 | 147.70 | 3 559 782 972 | 4061245015736 |
| JT6-D-6H-5.5/6.3x237-E19 | 237 | 5.5 | 171 - 218 | 100 | 168.70 | 3 559 682 972 | 4061245015750 |
| JT3 made of A2 stainless steel with sealing washer E 22, Ø 22 mm | | | | | | | |
| JT3-D-6H-5.5/6.3x67-E22 | 67 | 5.5 | 30 - 48 | 100 | 61.00 | 3 554 513 372 | 4061245027234 |
| JT3-D-6H-5.5/6.3x87-E22 | 87 | 5.5 | 41 - 68 | 100 | 68.20 | 3 556 013 371 | 4061245027135 |
| JT3-D-6H-5.5/6.3x107-E22 | 107 | 5.5 | 51 - 88 | 100 | 79.20 | 3 556 113 371 | 4061245027111 |
| JT3-D-6H-5.5/6.3x127-E22 | 127 | 5.5 | 71 - 108 | 100 | 92.30 | 3 556 213 371 | 4061245027098 |
| JT3-D-6H-5.5/6.3x147-E22 | 147 | 5.5 | 91 - 128 | 100 | 98.90 | 3 556 313 371 | 4061245027074 |
| JT3-D-6H-5.5/6.3x167-E22 | 167 | 5.5 | 111 - 148 | 100 | 114.40 | 3 556 713 371 | 4061245027036 |
| JT3-D-6H-5.5/6.3x197-E22 | 197 | 5.5 | 141 - 178 | 100 | 124.50 | 3 559 713 372 | 4061245032610 |
| JT3-D-6H-5.5/6.3x237-E22 | 237 | 5.5 | 171 - 218 | 100 | 142.00 | 3 559 613 372 | 4061245026732 |
| JT3-D-6H-5.5/6.3x267-E22 | 267 | 5.5 | 201 - 248 | 100 | 185.10 | 3 559 913 372 | 4061245026671 |



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

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



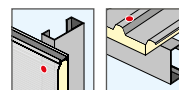
Application range

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

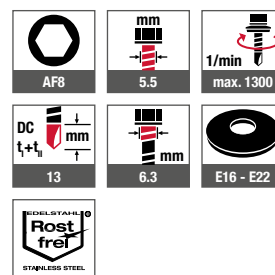
Properties

- > 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



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 E 16, Ø 16 mm | | | | | | | |
| JT3-D-12H-5.5/6.3x75 E16 | 75 | 5.5 | 41 - 48 | 250 | 63.40 | 3 557 511 312 | 4061245026985 |
| JT3-D-12H-5.5/6.3x95 E16 | 95 | 5.5 | 51 - 68 | 100 | 72.60 | 3 554 911 311 | 4061245027227 |
| JT3-D-12H-5.5/6.3x115 E16 | 115 | 5.5 | 61 - 88 | 100 | 85.50 | 3 555 211 311 | 4061245027203 |
| JT3-D-12H-5.5/6.3x135 E16 | 135 | 5.5 | 73 - 108 | 100 | 99.50 | 3 555 411 311 | 4061245027180 |
| JT3-D-12H-5.5/6.3x155 E16 | 155 | 5.5 | 93 - 128 | 100 | 111.60 | 3 555 711 311 | 4061245027166 |
| JT3-D-12H-5.5/6.3x175 E16 | 175 | 5.5 | 113 - 148 | 100 | 123.90 | 3 556 511 312 | 4061245027067 |
| JT3-D-12H-5.5/6.3x195 E16 | 195 | 5.5 | 133 - 168 | 100 | 127.60 | 3 559 511 312 | 4061245026763 |
| JT3-D-12H-5.5/6.3x215 E16 | 215 | 5.5 | 153 - 188 | 100 | 137.40 | 3 559 611 312 | 4061245041025 |
| JT3-D-12H-5.5/6.3x245 E16 | 245 | 5.5 | 173 - 218 | 100 | 147.00 | 3 559 811 312 | 4061245026701 |
| JT3-D-12H-5.5/6.3x275 E16 | 275 | 5.5 | 203 - 248 | 100 | 190.50 | 3 557 311 312 | 4061245027029 |
| JT3-D-12H-5.5/6.3x300 E16 | 300 | 5.5 | 228 - 273 | 100 | 211.40 | 3 557 411 312 | 4061245027005 |





| Order description | Length [mm] | Diameter [mm] | Clamp thick- ness [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---|----------------|------------------|---------------------------|----------------|--------------------|----------------|---------------|
| JT3 made of A2 stainless steel with sealing washer E 19, Ø 19 mm | | | | | | | |
| JT3-D-12H-5.5/6.3x75-E19 | 75 | 5.5 | 41 - 48 | 100 | 65.70 | 3 557 566 312 | 4061245015873 |
| JT3-D-12H-5.5/6.3x95-E19 | 95 | 5.5 | 51 - 68 | 100 | 74.90 | 3 554 966 311 | 4061245016030 |
| JT3-D-12H-5.5/6.3x115-E19 | 115 | 5.5 | 61 - 88 | 100 | 87.80 | 3 555 266 311 | 4061245016023 |
| JT3-D-12H-5.5/6.3x135-E19 | 135 | 5.5 | 73 - 108 | 100 | 101.80 | 3 555 466 311 | 4061245016016 |
| JT3-D-12H-5.5/6.3x155-E19 | 155 | 5.5 | 93 - 128 | 100 | 113.90 | 3 555 766 311 | 4061245009155 |
| JT3-D-12H-5.5/6.3x175-E19 | 175 | 5.5 | 113 - 148 | 100 | 126.20 | 3 556 566 312 | 4061245009162 |
| JT3-D-12H-5.5/6.3x195-E19 | 195 | 5.5 | 133 - 168 | 100 | 129.90 | 3 559 566 312 | 4061245009179 |
| JT3-D-12H-5.5/6.3x215-E19 | 215 | 5.5 | 153 - 188 | 100 | 139.70 | 3 559 666 312 | 4061245015774 |
| JT3-D-12H-5.5/6.3x245-E19 | 245 | 5.5 | 173 - 218 | 100 | 149.30 | 3 559 866 312 | 4061245015729 |
| JT3-D-12H-5.5/6.3x275-E19 | 275 | 5.5 | 203 - 248 | 100 | 192.80 | 3 557 366 312 | 4061245015897 |
| JT3-D-12H-5.5/6.3x300-E19 | 300 | 5.5 | 228 - 273 | 100 | 213.70 | 3 557 466 312 | 4061245015880 |
| JT6 made of A4 stainless steel with sealing washer E 19, Ø 19 mm | | | | | | | |
| JT6-D-12H-5.5/6.3x115-E19 | 115 | 5.5 | 61 - 88 | 100 | 114.30 | 3 555 282 911 | 4061245067742 |
| JT6-D-12H-5.5/6.3x135-E19 | 135 | 5.5 | 73 - 108 | 100 | 122.20 | 3 555 482 911 | 4061245016009 |
| JT6-D-12H-5.5/6.3x155-E19 | 155 | 5.5 | 93 - 128 | 100 | 136.70 | 3 555 782 911 | 4061245015996 |
| JT6-D-12H-5.5/6.3x175-E19 | 175 | 5.5 | 113 - 148 | 100 | 151.50 | 3 556 582 912 | 4061245015927 |
| JT6-D-12H-5.5/6.3x195-E19 | 195 | 5.5 | 133 - 168 | 100 | 155.80 | 3 559 582 912 | 4061245015781 |
| JT6-D-12H-5.5/6.3x245-E19 | 245 | 5.5 | 173 - 218 | 100 | 179.30 | 3 559 882 912 | 4061245015712 |
| JT3 made of A2 stainless steel with sealing washer E 22, Ø 22 mm | | | | | | | |
| JT3-D-12H-5.5/6.3x75-E22 | 75 | 5.5 | 41 - 48 | 100 | 67.20 | 3 557 513 312 | 4061245026978 |
| JT3-D-12H-5.5/6.3x95-E22 | 95 | 5.5 | 51 - 68 | 100 | 76.40 | 3 554 913 311 | 4061245027210 |
| JT3-D-12H-5.5/6.3x115-E22 | 115 | 5.5 | 61 - 88 | 100 | 89.30 | 3 555 213 311 | 4061245027197 |
| JT3-D-12H-5.5/6.3x135-E22 | 135 | 5.5 | 73 - 108 | 100 | 103.30 | 3 555 413 311 | 4061245027173 |
| JT3-D-12H-5.5/6.3x155-E22 | 155 | 5.5 | 93 - 128 | 100 | 115.40 | 3 555 713 311 | 4061245027159 |
| JT3-D-12H-5.5/6.3x175-E22 | 175 | 5.5 | 113 - 148 | 100 | 127.70 | 3 556 513 312 | 4061245027050 |
| JT3-D-12H-5.5/6.3x195-E22 | 195 | 5.5 | 133 - 168 | 100 | 131.40 | 3 559 513 312 | 4061245026756 |
| JT3-D-12H-5.5/6.3x215-E22 | 215 | 5.5 | 153 - 188 | 100 | 141.20 | 3 559 613 312 | 4061245044484 |
| JT3-D-12H-5.5/6.3x245-E22 | 245 | 5.5 | 173 - 218 | 100 | 150.80 | 3 559 813 312 | 4061245026695 |
| JT3-D-12H-5.5/6.3x275-E22 | 275 | 5.5 | 203 - 248 | 100 | 194.30 | 3 557 313 312 | 4061245027012 |
| JT3-D-12H-5.5/6.3x300-E22 | 300 | 5.5 | 228 - 273 | 100 | 215.20 | 3 557 413 312 | 4061245026992 |





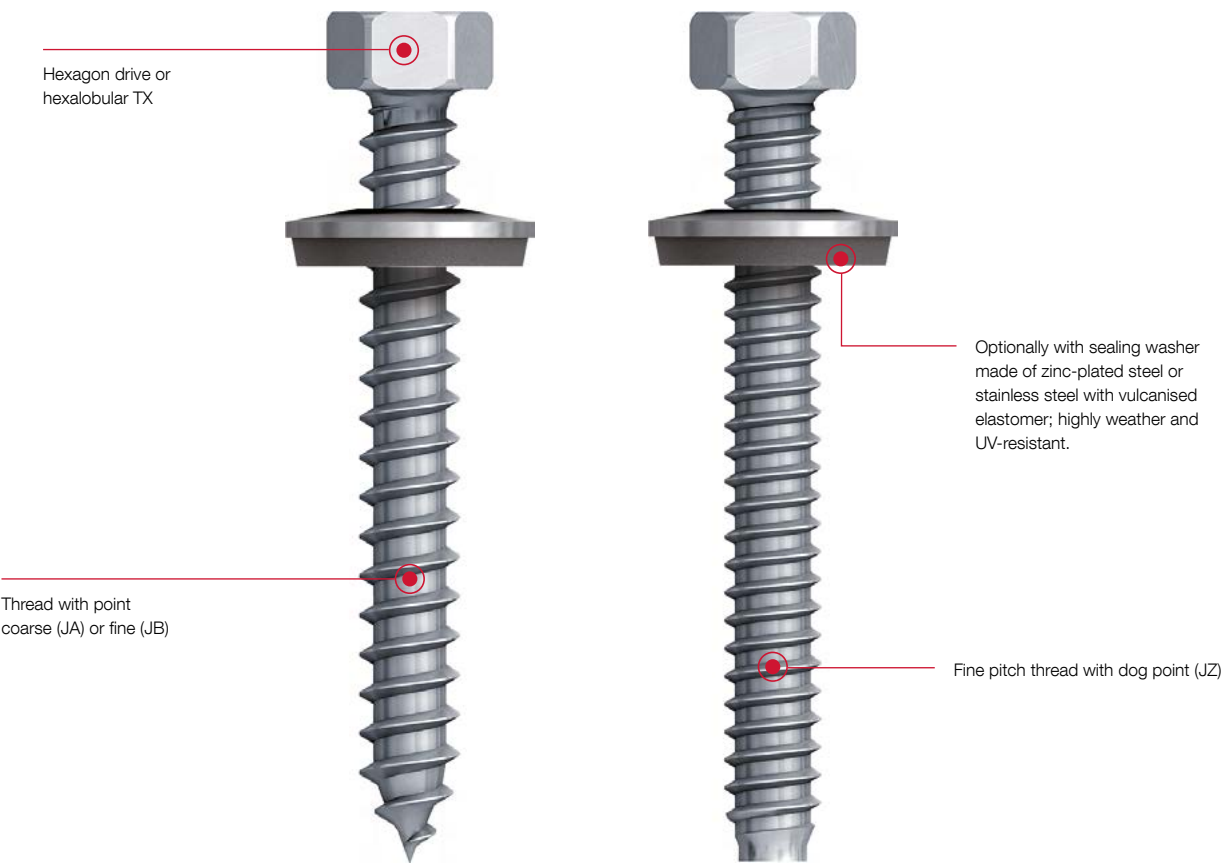
Self-tapping screws

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

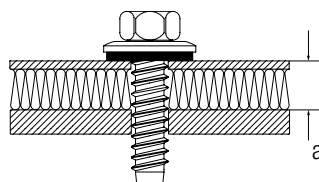
For self-tapping fasteners without drill point the cylindrical part of the screw has to be screwed **at least 6 mm** into the load-bearing component.

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:

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

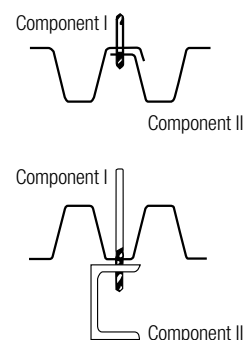


Determining the drill hole diameter

Aluminium sheet, aluminium extrusion profile F22 to F 25
(Rm ≥ 220 N/mm² ≤ 290 N/mm²)*

| 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
(Rm ≥ 360 N/mm² ≤ 440 N/mm²)

| 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 JA2-6.5



Cross references

| | |
|---------------------|----|
| ORKAN storm washers | 74 |
| Drill hole chart | 64 |

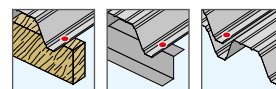
Application range

- > For fixing profiled steel sheet to timber substructure
- > Fastening profiled steel sheet ≤ 2 mm steel substructure
- > Side lap stitching

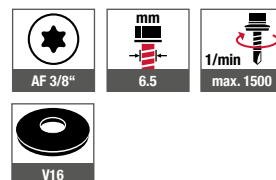
Properties

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

Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|----------------|------------------|----------------|--------------------|----------------|---------------|
| Sealing washer V16, Ø 16 mm | | | | | | |
| JA2-6.5x19-V16 | 19 | 6.5 | 500 | 7.80 | 3 183 121 654 | 4061245057026 |
| JA2-6.5x25-V16 | 25 | 6.5 | 500 | 8.50 | 3 183 221 654 | 4061245057019 |
| JA2-6.5x32-V16 | 32 | 6.5 | 500 | 9.20 | 3 183 321 654 | 4061245057002 |
| JA2-6.5x38-V16 | 38 | 6.5 | 500 | 10.40 | 3 183 421 654 | 4061245056999 |
| JA2-6.5x50-V16 | 50 | 6.5 | 250 | 12.50 | 3 183 621 654 | 4061245056982 |
| JA2-6.5x64-V16 | 64 | 6.5 | 250 | 13.50 | 3 183 821 654 | 4061245056975 |
| JA2-6.5x75-V16 | 75 | 6.5 | 250 | 16.90 | 3 183 921 654 | 4061245056951 |
| JA2-6.5x90-V16 | 90 | 6.5 | 100 | 18.90 | 3 184 121 654 | 4061245056944 |
| JA2-6.5x100-V16 | 100 | 6.5 | 100 | 21.60 | 3 184 221 654 | 4061245056937 |
| JA2-6.5x125-V16 | 125 | 6.5 | 100 | 24.70 | 3 114 421 651 | 4061245067629 |
| JA2-6.5x150-V16 | 150 | 6.5 | 100 | 30.80 | 3 114 621 651 | 4061245067636 |
| JA2-6.5x175-V16 | 175 | 6.5 | 100 | 50.00 | 3 114 721 651 | 4061245067643 |
| JA2-6.5x200-V16 | 200 | 6.5 | 100 | 62.00 | 3 114 821 651 | 4061245067650 |



EJOT® self-tapping screw JZ2-6.3



Application range

- > For fixing profiled steel sheet to steel substrate

Properties

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

Applications



Technical data



Certifications



Cross references

| | |
|---------------------|----|
| ORKAN storm washers | 74 |
| Drill hole chart | 64 |

| Order description | Length [mm] | Diameter [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|----------------|------------------|----------------|--------------------|----------------|---------------|
| Sealing washer V16, Ø 16 mm | | | | | | |
| JZ2-6.3 x 19 V16 | 19 | 6.3 | 500 | 8.60 | 3 181 121 654 | 4061245057125 |
| JZ2-6.3 x 25 V16 | 25 | 6.3 | 500 | 9.30 | 3 181 221 654 | 4061245057118 |
| JZ2-6.3 x 32 V16 | 32 | 6.3 | 500 | 10.20 | 3 181 321 654 | 4061245057101 |
| JZ2-6.3 x 38 V16 | 38 | 6.3 | 500 | 11.40 | 3 181 421 654 | 4061245057095 |
| JZ2-6.3 x 50 V16 | 50 | 6.3 | 250 | 13.80 | 3 181 621 654 | 4061245057088 |
| JZ2-6.3 x 64 V16 | 64 | 6.3 | 250 | 14.90 | 3 181 821 654 | 4061245057071 |
| JZ2-6.3 x 80 V16 | 80 | 6.3 | 250 | 18.60 | 3 182 021 654 | 4061245057064 |
| JZ2-6.3 x 90 V16 | 90 | 6.3 | 100 | 20.90 | 3 182 121 654 | 4061245057057 |
| JZ2-6.3 x 100 V16 | 100 | 6.3 | 100 | 23.80 | 3 182 221 654 | 4061245057040 |
| JZ2-6.3 x 125 V16 | 125 | 6.3 | 100 | 26.50 | 3 112 421 651 | 4061245067667 |
| JZ2-6.3 x 150 V16 | 150 | 6.3 | 100 | 32.00 | 3 112 621 651 | 4061245067759 |
| JZ2-6.3 x 175 V16 | 175 | 6.3 | 100 | 53.50 | 3 112 721 651 | 4061245057590 |
| JZ2-6.3 x 200 V16 | 200 | 6.3 | 100 | 65.70 | 3 112 821 651 | 4061245067674 |

EJOT® self-tapping screw JA3-6.5



Cross references

| | |
|---------------------|----|
| ORKAN storm washers | 74 |
| Drill hole chart | 64 |

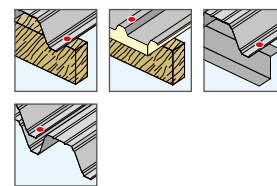
Application range

- > Fastening profiled steel sheet and sandwich panels to timber substructure
- > For fixing profiled steel / aluminium sheet to ≤ 2 mm steel substructure
- > Side lap stitching of profiled steel or aluminium sheets

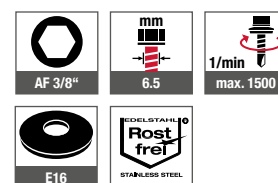
Properties

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

Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|----------------|------------------|----------------|--------------------|----------------|---------------|
| Sealing washer E16, Ø 16 mm | | | | | | |
| JA3-6.5x19 E16 | 19 | 6.5 | 500 | 12.50 | 3 113 111 311 | 4061245057583 |
| JA3-6.5x25 E16 | 25 | 6.5 | 500 | 14.10 | 3 113 211 311 | 4061245057552 |
| JA3-6.5x32 E16 | 32 | 6.5 | 500 | 16.50 | 3 113 311 311 | 4061245057521 |
| JA3-6.5x38 E16 | 38 | 6.5 | 500 | 19.40 | 3 113 411 311 | 4061245057507 |
| JA3-6.5x50 E16 | 50 | 6.5 | 250 | 20.70 | 3 113 611 311 | 4061245057446 |
| JA3-6.5x64 E16 | 64 | 6.5 | 250 | 21.00 | 3 113 811 311 | 4061245057415 |
| JA3-6.5x75 E16 | 75 | 6.5 | 250 | 22.80 | 3 113 911 311 | 4061245057378 |
| JA3-6.5x90 E16 | 90 | 6.5 | 100 | 27.20 | 3 114 111 311 | 4061245047867 |
| JA3-6.5x100 E16 | 100 | 6.5 | 100 | 32.30 | 3 114 211 311 | 4061245057330 |
| JA3-6.5x115 E16 | 115 | 6.5 | 100 | 34.80 | 3 114 311 311 | 4061245057316 |
| JA3-6.5x125 E16 | 125 | 6.5 | 100 | 37.20 | 3 114 411 311 | 4061245057293 |
| JA3-6.5x150 E16 | 150 | 6.5 | 100 | 44.60 | 3 114 611 311 | 4061245057279 |
| JA3-6.5x175 E16 | 175 | 6.5 | 100 | 50.40 | 3 114 711 311 | 4061245057255 |
| JA3-6.5x200 E16 | 200 | 6.5 | 100 | 74.60 | 3 114 811 311 | 4061245057231 |
| JA3-6.5x230 E16 | 230 | 6.5 | 100 | 87.60 | 3 114 911 311 | 4061245057217 |
| JA3-6.5x260 E16 | 260 | 6.5 | 100 | 136.90 | 3 110 911 311 | 4061245057613 |
| JA3-6.5x290 E16 | 290 | 6.5 | 100 | 163.80 | 3 116 211 311 | 4061245057187 |



EJOT® self-tapping screw JZ3-6.3



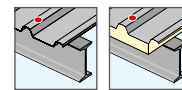
Application range

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

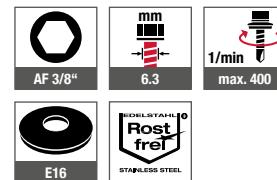
Properties

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

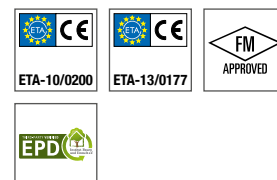
Applications



Technical data



Certifications



| Cross references | page |
|--------------------|------|
| ORKAN storm washer | 74 |
| Drill hole chart | 64 |

| 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 | 16.20 | 3 111 111 311 | 4061245017563 |
| JZ3-6.3x25-E16 | 25 | 6.3 | 0 - 18 | 500 | 18.50 | 3 111 211 311 | 4061245017556 |
| JZ3-6.3x32-E16 | 32 | 6.3 | 0 - 25 | 500 | 21.50 | 3 111 311 311 | 4061245017532 |
| JZ3-6.3x38-E16 | 38 | 6.3 | 0 - 31 | 500 | 25.30 | 3 111 411 311 | 4061245017525 |
| JZ3-6.3x50-E16 | 50 | 6.3 | 0 - 43 | 250 | 27.80 | 3 111 611 311 | 4061245017501 |
| JZ3-6.3x64-E16 | 64 | 6.3 | 0 - 57 | 250 | 35.20 | 3 111 811 311 | 4061245017488 |
| JZ3-6.3x80-E16 | 80 | 6.3 | 13 - 73 | 250 | 40.70 | 3 112 011 311 | 4061245017471 |
| JZ3-6.3x90-E16 | 90 | 6.3 | 23 - 83 | 100 | 45.60 | 3 112 111 311 | 4061245017464 |
| JZ3-6.3x100-E16 | 100 | 6.3 | 33 - 93 | 100 | 54.30 | 3 112 211 311 | 4061245017457 |
| JZ3-6.3x115-E16 | 115 | 6.3 | 48 - 108 | 100 | 58.30 | 3 112 311 311 | 4061245017440 |
| JZ3-6.3x125-E16 | 125 | 6.3 | 58 - 118 | 100 | 62.40 | 3 112 411 311 | 4061245017433 |
| JZ3-6.3x135-E16 | 135 | 6.3 | 68 - 128 | 100 | 70.50 | 3 112 511 311 | 4061245017419 |
| JZ3-6.3x150-E16 | 150 | 6.3 | 83 - 143 | 100 | 74.70 | 3 112 611 311 | 4061245017402 |
| JZ3-6.3x165-E16 | 165 | 6.3 | 98 - 158 | 100 | 79.60 | 3 110 311 311 | 4061245017594 |
| JZ3-6.3x175-E16 | 175 | 6.3 | 108 - 168 | 100 | 84.60 | 3 112 711 311 | 4061245017396 |
| JZ3-6.3x200-E16 | 200 | 6.3 | 133 - 193 | 100 | 125.10 | 3 112 811 311 | 4061245017389 |
| JZ3-6.3x220-E16 | 220 | 6.3 | 153 - 213 | 100 | 146.80 | 3 110 511 311 | 4061245017587 |
| JZ3-6.3x270-E16 | 270 | 6.3 | 203 - 263 | 100 | 232.10 | 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


Applications




Technical data

 TX30

 6.3

 1/min
max. 400

 Rostfrei
STAINLESS STEEL

Certifications

 U
Z-50.4-337

 EPD

| Order description | Length [mm] | Diameter [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|-------------------|----------------|------------------|----------------|--------------------|----------------|---------------|
| JZ3-S-6.3x19 | 19 | 6.3 | 500 | 26.60 | 3 029 400 311 | 4061245018430 |
| JZ3-S-6.3x25 | 25 | 6.3 | 500 | 31.40 | 3 029 500 311 | 4061245018423 |
| JZ3-S-6.3x35 | 35 | 6.3 | 500 | 38.80 | 3 121 700 301 | 4061245017327 |
| JZ3-S-6.3x64 | 64 | 6.3 | 250 | 59.30 | 3 029 600 311 | 4061245018416 |

EJOT® concrete screw BS-R-6.3



Application range

- > For fixing sandwich panels to concrete

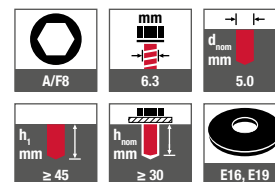
Properties

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

Applications

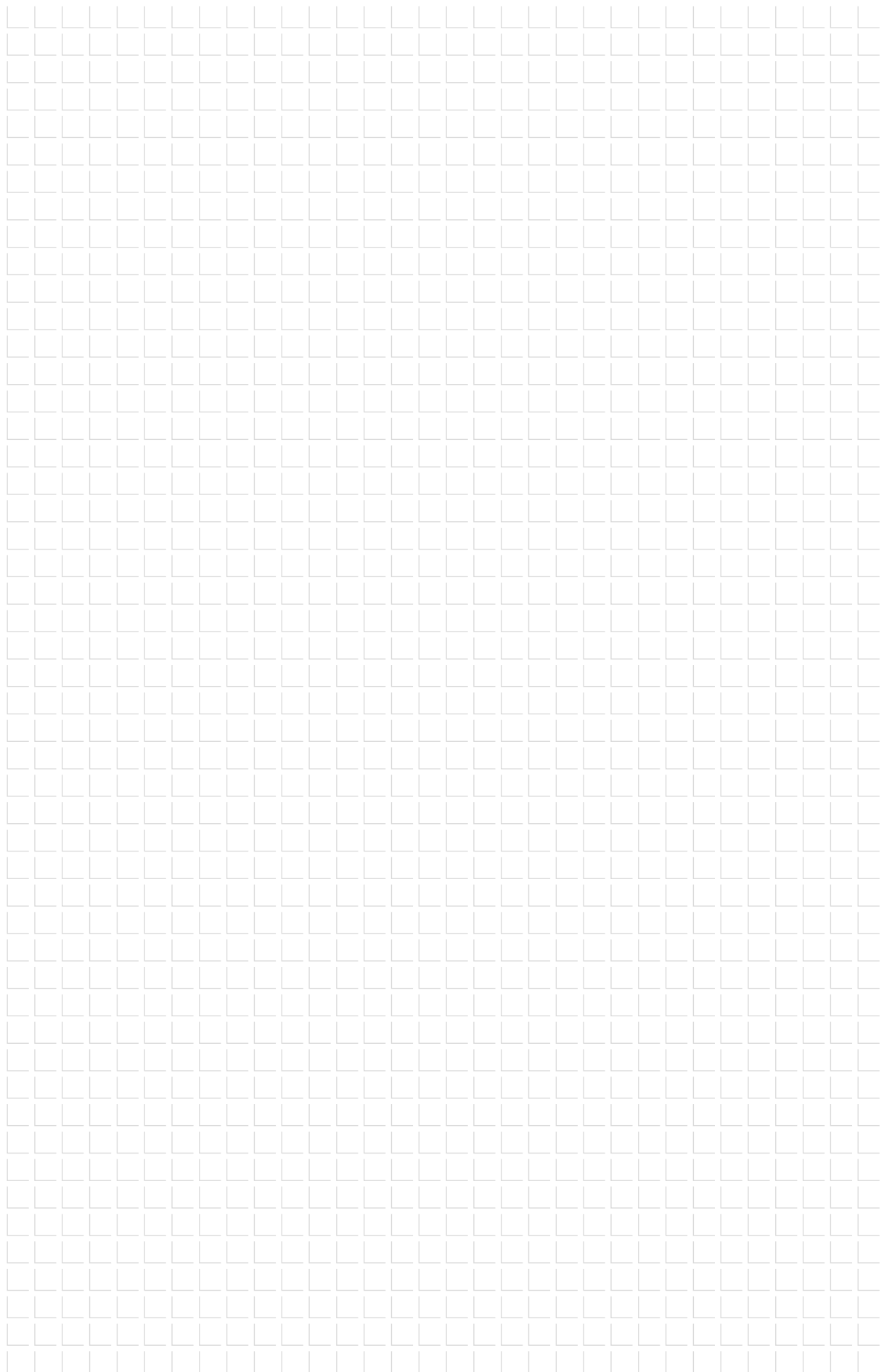


Technical data



| Article description | Length [mm] | Diameter [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|------------------------------------|----------------|------------------|----------------|--------------------|----------------|---------------|
| Sealing washer V16, Ø 16 mm | | | | | | |
| BS-R-6.3x100 V16 | 100 | 6.3 | 200 | 21.50 | 5 663 100 513 | 4061245061214 |
| BS-R-6.3x120 V16 | 120 | 6.3 | 100 | 30.90 | 5 663 120 513 | 4061245061221 |
| BS-R-6.3x140 V16 | 140 | 6.3 | 100 | 38.50 | 5 663 140 513 | 4061245061238 |
| BS-R-6.3x160 V16 | 160 | 6.3 | 100 | 42.60 | 5 663 160 513 | 4061245061245 |
| BS-R-6.3x180 V16 | 180 | 6.3 | 100 | 58.20 | 5 663 180 513 | 4061245061252 |
| BS-R-6.3x200 V16 | 200 | 6.3 | 200 | 65.70 | 5 663 200 513 | 4061245061269 |
| BS-R-6.3x220 V16 | 220 | 6.3 | 200 | 76.20 | 5 663 220 513 | 4061245061276 |
| BS-R-6.3x240 V16 | 240 | 6.3 | 150 | 89.90 | 5 663 240 513 | 4061245061283 |
| Sealing washer V19, Ø 19 mm | | | | | | |
| BS-R-6.3x100 V19 | 100 | 6.3 | 100 | 24.00 | 5 663 100 514 | 4061245031460 |
| BS-R-6.3x120 V19 | 120 | 6.3 | 100 | 33.40 | 5 663 120 514 | 4061245031477 |
| BS-R-6.3x140 V19 | 140 | 6.3 | 100 | 41.00 | 5 663 140 514 | 4061245044309 |
| BS-R-6.3x160 V19 | 160 | 6.3 | 100 | 45.10 | 5 663 160 514 | 4061245009230 |
| BS-R-6.3x180 V19 | 180 | 6.3 | 100 | 60.70 | 5 663 180 514 | 4061245031101 |
| BS-R-6.3x200 V19 | 200 | 6.3 | 100 | 68.20 | 5 663 200 514 | 4061245009247 |
| BS-R-6.3x220 V19 | 220 | 6.3 | 100 | 78.70 | 5 663 220 514 | 4061245067766 |
| BS-R-6.3x240 V19 | 240 | 6.3 | 100 | 92.40 | 5 663 240 514 | 4061245009254 |

Order information: Other bonded washers upon request





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. | 13.30 |

Selection guide

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

We only need the following three values:

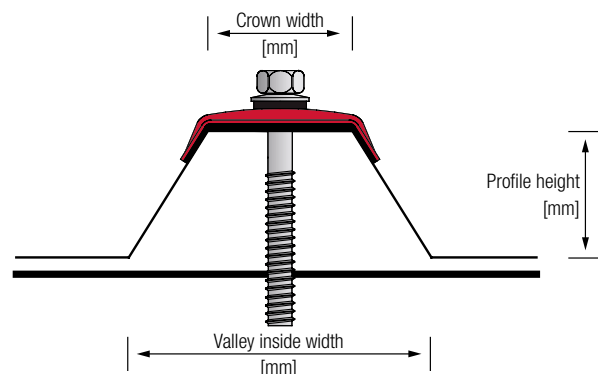
- > crown width [mm]
- > profile height [mm]
- > valley inside width [mm]

Reply

Please tell us the three values:

F +49 2752 908-731

construction@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)

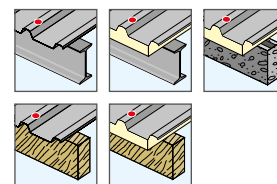
Benefits

- > 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 16mm 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



Certifications



| Order description | Width of storm washer [mm] | Inclination angle [°] | Crown width [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---|----------------------------|-----------------------|------------------|-------------|-----------------|----------------|---------------|
| ORKAN storm washer 23-33 mill finish | 23 | 33 | 22 | 500 | 19.20 | 3 052 333 000 | 4061245018263 |
| ORKAN storm washer 23-33 mill finish VE100 | 23 | 33 | 22 | 100 | 20.20 | 3 072 333 000 | 4061245046280 |
| ORKAN storm washer 23-33 alu-RAL 7016 | 23 | 33 | 22 | 500 | 23.10 | 3 052 333 025 | 4061245058078 |
| ORKAN storm washer 23-33 alu-RAL 7016 VE100 | 23 | 33 | 22 | 100 | 24.10 | 3 072 333 025 | 4061245061658 |
| ORKAN storm washer 23-33 alu-RAL 9002 | 23 | 33 | 22 | 500 | 23.10 | 3 052 333 082 | 4061245058030 |
| ORKAN storm washer 23-33 alu-RAL 9002 VE100 | 23 | 33 | 22 | 100 | 24.10 | 3 072 333 082 | 4061245061665 |
| ORKAN storm washer 23-33 alu-RAL 9006 | 23 | 33 | 22 | 500 | 23.10 | 3 052 333 084 | 4061245041186 |
| ORKAN storm washer 23-33 alu-RAL 9006 VE100 | 23 | 33 | 22 | 100 | 24.10 | 3 072 333 084 | 4061245046297 |
| ORKAN storm washer 26-27 mill finish | 26 | 27 | 25 | 500 | 19.20 | 3 047 000 110 | 4061245018331 |
| ORKAN storm washer 26-27 mill finish VE100 | 26 | 27 | 25 | 100 | 20.20 | 3 077 000 110 | 4061245017884 |
| ORKAN storm washer 26-27 alu stucco | 26 | 27 | 25 | 500 | 19.20 | 3 047 000 119 | 4061245041216 |
| ORKAN storm washer 26-27 alu stucco VE100 | 26 | 27 | 25 | 100 | 20.20 | 3 077 000 119 | 4061245046341 |
| ORKAN storm washer 26-27 alu-RAL 3000 | 26 | 27 | 25 | 500 | 23.10 | 3 047 087 119 | 4061245029887 |
| ORKAN storm washer 26-27 alu-RAL 3000 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 087 119 | 4061245046365 |
| ORKAN storm washer 26-27 alu-RAL 3009 | 26 | 27 | 25 | 500 | 23.10 | 3 047 057 119 | 4061245029986 |
| ORKAN storm washer 26-27 alu-RAL 3009 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 057 119 | 4061245017846 |
| ORKAN storm washer 26-27 alu-RAL 6005 | 26 | 27 | 25 | 500 | 23.10 | 3 052 627 243 | 4061245029306 |
| ORKAN storm washer 26-27 alu-RAL 6005 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 072 627 243 | 4061245018096 |
| ORKAN storm washer 26-27 alu-RAL 7016 | 26 | 27 | 25 | 500 | 23.10 | 3 047 025 119 | 4061245030036 |
| ORKAN storm washer 26-27 alu-RAL 7016 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 025 119 | 4061245017877 |
| ORKAN storm washer 26-27 alu-RAL 7035 | 26 | 27 | 25 | 500 | 23.10 | 3 047 075 119 | 4061245029948 |
| ORKAN storm washer 26-27 alu-RAL 7035 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 075 119 | 4061245045115 |
| ORKAN storm washer 26-27 alu-RAL 8004 | 26 | 27 | 25 | 500 | 23.10 | 3 047 043 119 | 4061245030005 |
| ORKAN storm washer 26-27 alu-RAL 8004 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 043 119 | 4061245017853 |



| Order description | Width of storm washer [mm] | Inclination angle [°] | Crown width [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---|----------------------------|-----------------------|------------------|-------------|-----------------|----------------|---------------|
| ORKAN storm washer 26-27 alu-RAL 8011 | 26 | 27 | 25 | 500 | 23.10 | 3 047 078 119 | 4061245029931 |
| ORKAN storm washer 26-27 alu-RAL 8011 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 078 119 | 4061245017839 |
| ORKAN storm washer 26-27 alu-RAL 8012 | 26 | 27 | 25 | 500 | 23.10 | 3 047 040 119 | 4061245030012 |
| ORKAN storm washer 26-27 alu-RAL 8012 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 040 119 | 4061245017860 |
| ORKAN storm washer 26-27 alu-RAL 8014 | 26 | 27 | 25 | 500 | 23.10 | 3 047 079 119 | 4061245029924 |
| ORKAN storm washer 26-27 alu-RAL 8014 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 079 119 | 4061245045122 |
| ORKAN storm washer 26-27 alu-RAL 9002 | 26 | 27 | 25 | 500 | 23.10 | 3 047 082 119 | 4061245029917 |
| ORKAN storm washer 26-27 alu-RAL 9002 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 082 119 | 4061245017822 |
| ORKAN storm washer 26-27 alu-RAL 9006 | 26 | 27 | 25 | 500 | 23.10 | 3 047 084 119 | 4061245029900 |
| ORKAN storm washer 26-27 alu-RAL 9006 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 084 119 | 4061245017815 |
| ORKAN storm washer 26-27 alu-RAL 9007 | 26 | 27 | 25 | 500 | 23.10 | 3 052 627 220 | 4061245029313 |
| ORKAN storm washer 26-27 alu-RAL 9007 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 072 627 220 | 4061245018102 |
| ORKAN storm washer 26-27 alu-RAL 9010 | 26 | 27 | 25 | 500 | 23.10 | 3 047 085 119 | 4061245029894 |
| ORKAN storm washer 26-27 alu-RAL 9010 VE100 | 26 | 27 | 25 | 100 | 24.10 | 3 077 085 119 | 4061245046822 |
| ORKAN storm washer 32-25 mill finish | 32 | 25 | 31 | 500 | 20.60 | 3 053 124 000 | 4061245018232 |
| ORKAN storm washer 32-25 mill finish VE100 | 32 | 25 | 31 | 100 | 21.60 | 3 073 124 000 | 4061245045160 |
| ORKAN storm washer 32-25 alu-RAL 3009 | 32 | 25 | 31 | 500 | 24.50 | 3 053 124 057 | 4061245029054 |
| ORKAN storm washer 32-25 alu-RAL 3009 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 124 057 | 4061245018072 |
| ORKAN storm washer 32-25 alu-RAL 7016 | 32 | 25 | 31 | 500 | 24.50 | 3 053 124 025 | 4061245029078 |
| ORKAN storm washer 32-25 alu-RAL 7016 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 124 025 | 4061245018089 |
| ORKAN storm washer 32-25 alu-RAL 7035 | 32 | 25 | 31 | 500 | 24.50 | 3 053 124 075 | 4061245029030 |
| ORKAN storm washer 32-25 alu-RAL 7035 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 124 075 | 4061245045177 |
| ORKAN storm washer 32-25 alu-RAL 8004 | 32 | 25 | 31 | 500 | 24.50 | 3 053 225 043 | 4061245028705 |
| ORKAN storm washer 32-25 alu-RAL 8004 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 225 043 | 4061245018034 |
| ORKAN storm washer 32-25 alu-RAL 8012 | 32 | 25 | 31 | 500 | 24.50 | 3 053 124 040 | 4061245029061 |
| ORKAN storm washer 32-25 alu-RAL 8012 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 124 040 | 4061245046495 |
| ORKAN storm washer 32-25 alu-RAL 8014 | 32 | 25 | 31 | 500 | 24.50 | 3 053 124 079 | 4061245029016 |
| ORKAN storm washer 32-25 alu-RAL 8014 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 124 079 | 4061245045184 |
| ORKAN storm washer 32-25 alu-RAL 9002 | 32 | 25 | 31 | 500 | 24.50 | 3 053 124 082 | 4061245029009 |
| ORKAN storm washer 32-25 alu-RAL 9002 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 124 082 | 4061245018065 |
| ORKAN storm washer 32-25 alu-RAL 9006 | 32 | 25 | 31 | 500 | 24.50 | 3 053 124 084 | 4061245028996 |
| ORKAN storm washer 32-25 alu-RAL 9006 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 124 084 | 4061245018058 |
| ORKAN storm washer 32-25 alu-RAL 9007 | 32 | 25 | 31 | 500 | 24.50 | 3 053 124 220 | 4061245028958 |
| ORKAN storm washer 32-25 alu-RAL 9007 VE100 | 32 | 25 | 31 | 100 | 25.50 | 3 073 124 220 | 4061245018041 |
| ORKAN storm washer 41-32 mill finish | 41 | 32 | 40 | 500 | 21.90 | 3 049 200 110 | 4061245018300 |
| ORKAN storm washer 41-32 mill finish VE100 | 41 | 32 | 40 | 100 | 22.90 | 3 079 200 110 | 4061245017761 |
| ORKAN storm washer 41-32 alu stucco | 41 | 32 | 40 | 500 | 21.90 | 3 049 200 119 | 4061245041209 |
| ORKAN storm washer 41-32 alu stucco VE100 | 41 | 32 | 40 | 100 | 22.90 | 3 079 200 119 | 4061245046563 |
| ORKAN storm washer 41-32 alu-RAL 1015 | 41 | 32 | 40 | 500 | 25.80 | 3 049 291 119 | 4061245029801 |
| ORKAN storm washer 41-32 alu-RAL 1015 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 291 119 | 4061245061726 |
| ORKAN storm washer 41-32 alu-RAL 3000 | 41 | 32 | 40 | 500 | 25.80 | 3 049 287 119 | 4061245029818 |
| ORKAN storm washer 41-32 alu-RAL 3000 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 287 119 | 4061245061733 |
| ORKAN storm washer 41-32 alu-RAL 3003 | 41 | 32 | 40 | 500 | 25.80 | 3 054 132 205 | 4061245028149 |
| ORKAN storm washer 41-32 alu-RAL 3003 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 074 132 205 | 4061245061740 |
| ORKAN storm washer 41-32 alu-RAL 3009 | 41 | 32 | 40 | 500 | 25.80 | 3 049 257 119 | 4061245029849 |
| ORKAN storm washer 41-32 alu-RAL 3009 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 257 119 | 4061245017723 |
| ORKAN storm washer 41-32 alu-RAL 3011 | 41 | 32 | 40 | 500 | 25.80 | 3 054 132 237 | 4061245041148 |
| ORKAN storm washer 41-32 alu-RAL 3011 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 074 132 237 | 4061245045269 |
| ORKAN storm washer 41-32 alu-RAL 6005 | 41 | 32 | 40 | 500 | 25.80 | 3 054 132 243 | 4061245028132 |





| 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 6005 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 074 132 243 | 4061245017983 |
| ORKAN storm washer 41-32 alu-RAL 6011 | 41 | 32 | 40 | 500 | 25.80 | 3 049 266 119 | 4061245025124 |
| ORKAN storm washer 41-32 alu-RAL 6011 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 266 119 | 4061245045276 |
| ORKAN storm washer 41-32 alu-RAL 6020 | 41 | 32 | 40 | 500 | 25.80 | 3 049 234 119 | 4061245025179 |
| ORKAN storm washer 41-32 alu-RAL 6020 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 234 119 | 4061245045283 |
| ORKAN storm washer 41-32 alu-RAL 7016 | 41 | 32 | 40 | 500 | 25.80 | 3 049 225 119 | 4061245025186 |
| ORKAN storm washer 41-32 alu-RAL 7016 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 225 119 | 4061245017754 |
| ORKAN storm washer 41-32 alu-RAL 7035 | 41 | 32 | 40 | 500 | 25.80 | 3 049 275 119 | 4061245025117 |
| ORKAN storm washer 41-32 alu-RAL 7035 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 275 119 | 4061245017716 |
| ORKAN storm washer 41-32 alu-RAL 8004 | 41 | 32 | 40 | 500 | 25.80 | 3 049 243 119 | 4061245025148 |
| ORKAN storm washer 41-32 alu-RAL 8004 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 243 119 | 4061245017730 |
| ORKAN storm washer 41-32 alu-RAL 8011 | 41 | 32 | 40 | 500 | 25.80 | 3 049 278 119 | 4061245025100 |
| ORKAN storm washer 41-32 alu-RAL 8011 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 278 119 | 4061245017709 |
| ORKAN storm washer 41-32 alu-RAL 8012 | 41 | 32 | 40 | 500 | 25.80 | 3 049 240 119 | 4061245025155 |
| ORKAN storm washer 41-32 alu-RAL 8012 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 240 119 | 4061245017747 |
| ORKAN storm washer 41-32 alu-RAL 8014 | 41 | 32 | 40 | 500 | 25.80 | 3 049 279 119 | 4061245025094 |
| ORKAN storm washer 41-32 alu-RAL 8014 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 279 119 | 4061245061757 |
| ORKAN storm washer 41-32 alu-RAL 9002 | 41 | 32 | 40 | 500 | 25.80 | 3 049 282 119 | 4061245025087 |
| ORKAN storm washer 41-32 alu-RAL 9002 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 282 119 | 4061245017693 |
| ORKAN storm washer 41-32 alu-RAL 9006 | 41 | 32 | 40 | 500 | 25.80 | 3 049 284 119 | 4061245025070 |
| ORKAN storm washer 41-32 alu-RAL 9006 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 079 284 119 | 4061245017686 |
| ORKAN storm washer 41-32 alu-RAL 9007 | 41 | 32 | 40 | 500 | 25.80 | 3 054 132 220 | 4061245024509 |
| ORKAN storm washer 41-32 alu-RAL 9007 VE100 | 41 | 32 | 40 | 100 | 26.80 | 3 074 132 220 | 4061245017990 |
| ORKAN storm washer 41-39 mill finish | 41 | 39 | 40 | 500 | 21.90 | 3 054 139 000 | 4061245018188 |
| ORKAN storm washer 41-39 mill finish VE100 | 41 | 39 | 40 | 100 | 22.90 | 3 074 139 000 | 4061245041124 |
| ORKAN storm washer 41-39 alu-RAL 3009 | 41 | 39 | 40 | 500 | 25.80 | 3 054 139 057 | 4061245024448 |
| ORKAN storm washer 41-39 alu-RAL 3009 VE100 | 41 | 39 | 40 | 100 | 26.80 | 3 074 139 057 | 4061245046570 |
| ORKAN storm washer 41-39 alu-RAL 7016 | 41 | 39 | 40 | 500 | 25.80 | 3 054 139 025 | 4061245024493 |
| ORKAN storm washer 41-39 alu-RAL 7016 VE100 | 41 | 39 | 40 | 100 | 26.80 | 3 074 139 025 | 4061245017976 |
| ORKAN storm washer 41-39 alu-RAL 8004 | 41 | 39 | 40 | 500 | 25.80 | 3 054 139 043 | 4061245024462 |
| ORKAN storm washer 41-39 alu-RAL 8004 VE100 | 41 | 39 | 40 | 100 | 26.80 | 3 074 139 043 | 4061245045306 |
| ORKAN storm washer 41-39 alu-RAL 8011 | 41 | 39 | 40 | 500 | 25.80 | 3 054 139 078 | 4061245024394 |
| ORKAN storm washer 41-39 alu-RAL 8011 VE100 | 41 | 39 | 40 | 100 | 26.80 | 3 074 139 078 | 4061245045443 |
| ORKAN storm washer 41-39 alu-RAL 8012 | 41 | 39 | 40 | 500 | 25.80 | 3 054 139 040 | 4061245024479 |
| ORKAN storm washer 41-39 alu-RAL 8012 VE100 | 41 | 39 | 40 | 100 | 26.80 | 3 074 139 040 | 4061245017969 |
| ORKAN storm washer 41-39 alu-RAL 9002 | 41 | 39 | 40 | 500 | 25.80 | 3 054 139 082 | 4061245024370 |
| ORKAN storm washer 41-39 alu-RAL 9002 VE100 | 41 | 39 | 40 | 100 | 26.80 | 3 074 139 082 | 4061245017952 |
| ORKAN storm washer 41-39 alu-RAL 9006 | 41 | 39 | 40 | 500 | 25.80 | 3 054 139 084 | 4061245024363 |
| ORKAN storm washer 41-39 alu-RAL 9006 VE100 | 41 | 39 | 40 | 100 | 26.80 | 3 074 139 084 | 4061245045320 |
| ORKAN storm washer 41-39 alu-RAL 9007 | 41 | 39 | 40 | 500 | 25.80 | 3 054 139 220 | 4061245024318 |
| ORKAN storm washer 41-39 alu-RAL 9007 VE100 | 41 | 39 | 40 | 100 | 26.80 | 3 074 139 220 | 4061245045337 |





| Order description | Width of storm washer [mm] | Inclination angle [°] | Crown width [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---|----------------------------|-----------------------|------------------|-------------|-----------------|----------------|---------------|
| ORKAN storm washer 55-32 mill finish | 55 | 32 | 54 | 400 | 31.50 | 3 049 500 110 | 4061245018294 |
| ORKAN storm washer 55-32 mill finish VE100 | 55 | 32 | 54 | 100 | 32.50 | 3 079 500 110 | 4061245045344 |
| ORKAN storm washer 55-32 alu-RAL 7016 | 55 | 32 | 54 | 400 | 35.40 | 3 049 525 119 | 4061245025049 |
| ORKAN storm washer 55-32 alu-RAL 7016 VE100 | 55 | 32 | 54 | 100 | 36.40 | 3 079 525 119 | 4061245017679 |
| ORKAN storm washer 55-32 alu-RAL 7035 | 55 | 32 | 54 | 400 | 35.40 | 3 049 575 119 | 4061245024943 |
| ORKAN storm washer 55-32 alu-RAL 7035 VE100 | 55 | 32 | 54 | 100 | 36.40 | 3 079 575 119 | 4061245061764 |
| ORKAN storm washer 55-32 alu-RAL 8012 | 55 | 32 | 54 | 400 | 35.40 | 3 049 540 119 | 4061245025001 |
| ORKAN storm washer 55-32 alu-RAL 8012 VE100 | 55 | 32 | 54 | 100 | 36.40 | 3 079 540 119 | 4061245017662 |
| ORKAN storm washer 55-32 alu-RAL 9002 | 55 | 32 | 54 | 400 | 35.40 | 3 049 582 119 | 4061245024912 |
| ORKAN storm washer 55-32 alu-RAL 9002 VE100 | 55 | 32 | 54 | 100 | 36.40 | 3 079 582 119 | 4061245017655 |
| ORKAN storm washer 55-32 alu-RAL 9006 | 55 | 32 | 54 | 400 | 35.40 | 3 049 584 119 | 4061245024905 |
| ORKAN storm washer 55-32 alu-RAL 9006 VE100 | 55 | 32 | 54 | 100 | 36.40 | 3 079 584 119 | 4061245017648 |
| ORKAN storm washer 55-32 alu-RAL 9007 | 55 | 32 | 54 | 400 | 35.40 | 3 055 532 220 | 4061245024035 |
| ORKAN storm washer 55-32 alu-RAL 9007 VE100 | 55 | 32 | 54 | 100 | 36.40 | 3 075 532 220 | 4061245046600 |

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 |
|--------------|------------------------|-------------------|
| Hoesch | Hoesch Thermorock Dach | 23 - 33 |
| | Hoesch Isodach RD | 32 - 25 |
| Kingspan | KS 1000 RW | 32 - 25 |
| | KS 1000 FF | 23 - 33 |





Solar fastener

Fastening elements for solar and photovoltaic installations

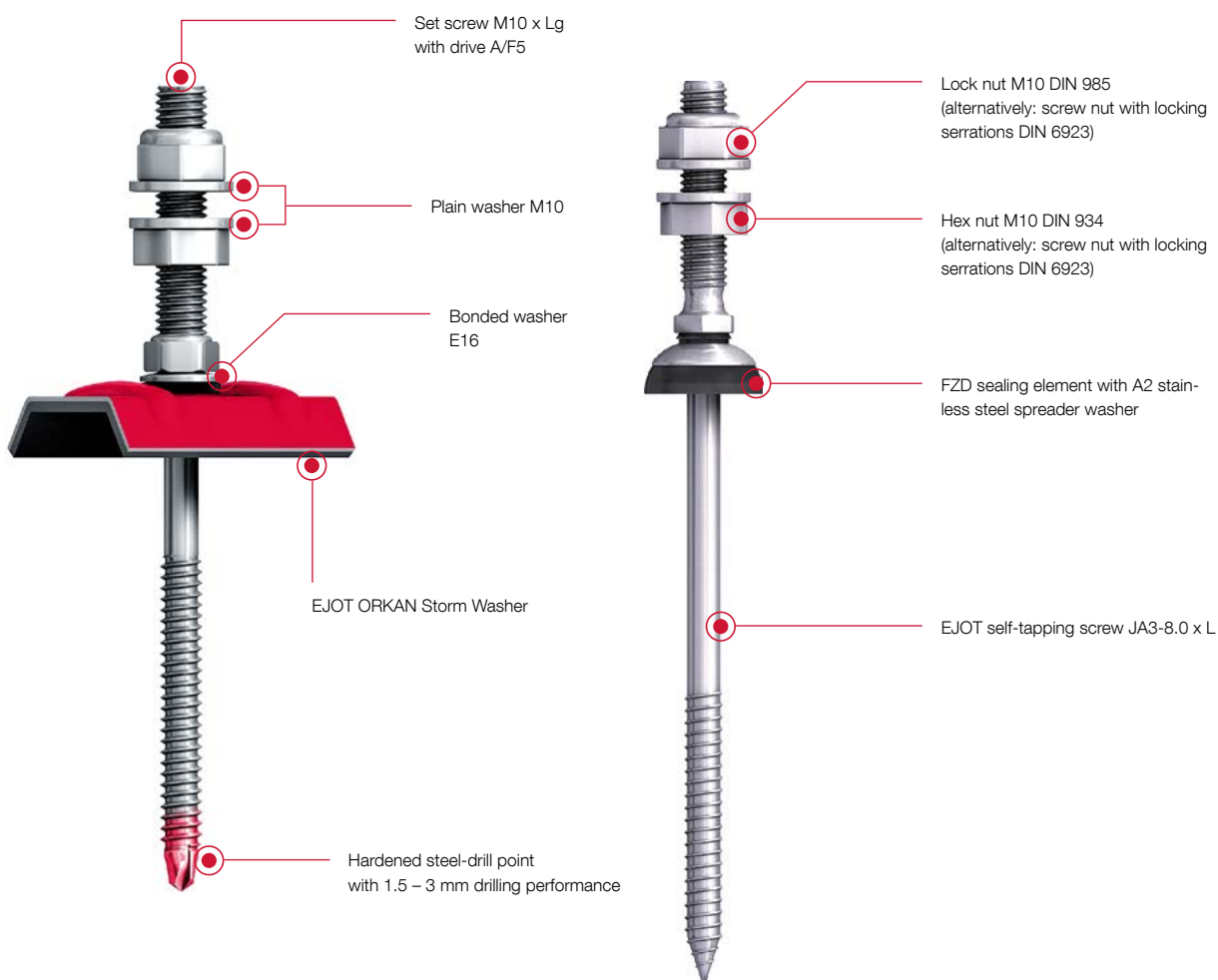


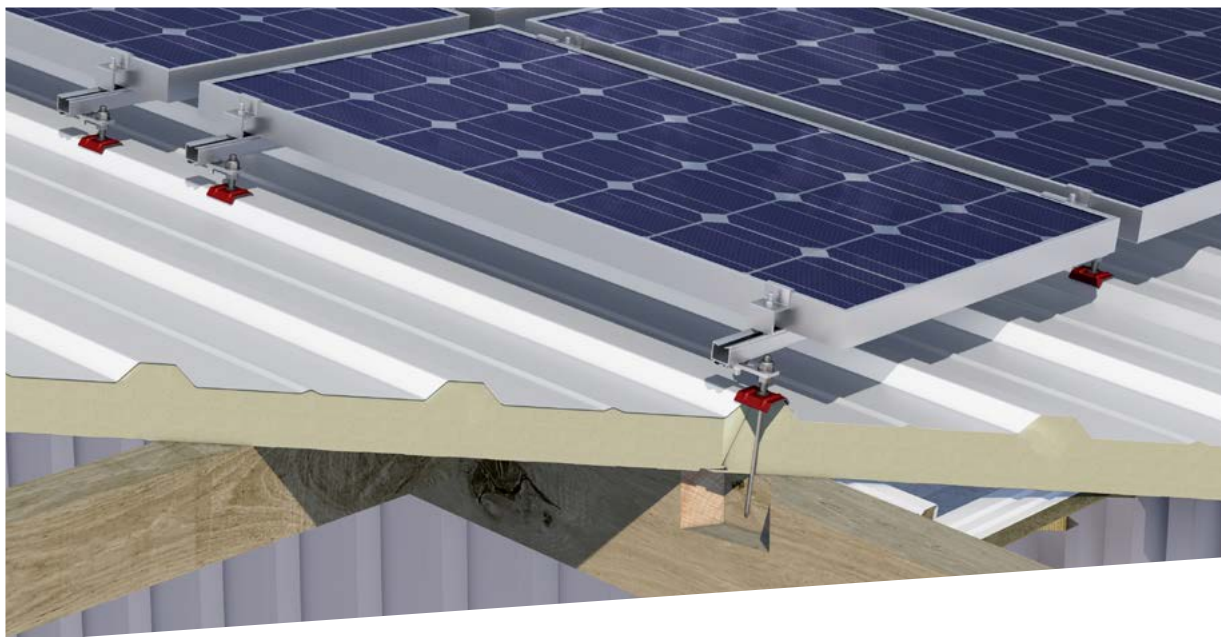
EJOT® Solar Fastener

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. This way thread forming and fastening is done in one step.

Benefits

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





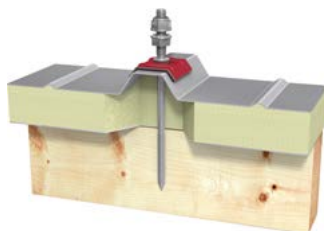
Product selection depending on roof structure

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

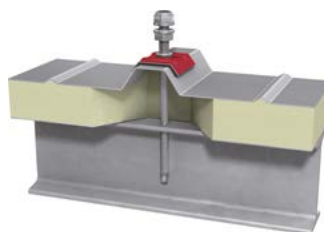
with sealing washer E16 + ORKAN storm washer
for trapezoidal profiles

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



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

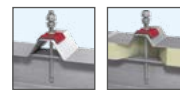
Benefits

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

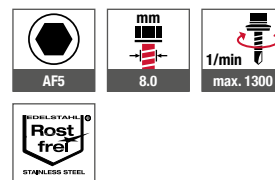
Note

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

Applications



Technical data



Certifications



| Cross references | page |
|---------------------|------|
| SB-Flat Steel | 85 |
| ORKAN storm washers | 74 |



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

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 thick- ness [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 | 18-60 | 25 | 4.50 | 3 340 891 905 | 4061245021201 |
| Set JT3-SB-3-8.0x115/M10x50 E16 DIN 934 | 115 | 48-90 | 25 | 4.70 | 3 341 191 905 | 4061245021218 |
| Set JT3-SB-3-8.0x155/M10x50 E16 DIN 934 | 155 | 88-130 | 25 | 5.00 | 3 341 591 905 | 4061245021225 |
| Set JT3-SB-3-8.0x195/M10x50 E16 DIN 934 | 195 | 128-170 | 25 | 5.30 | 3 341 991 905 | 4061245021232 |
| Set screw M10 x 70 mm | | | | | | |
| Set JT3-SB-3-8.0x85/M10x70 E16 DIN 934 | 85 | 18-60 | 25 | 4.70 | 3 340 891 907 | 4061245041117 |
| Set JT3-SB-3-8.0x115/M10x70 E16 DIN 934 | 115 | 48-90 | 25 | 4.90 | 3 341 191 907 | 4061245041094 |
| Set JT3-SB-3-8.0x155/M10x70 E16 DIN 934 | 155 | 88-130 | 25 | 5.20 | 3 341 591 907 | 4061245041070 |
| Set JT3-SB-3-8.0x195/M10x70 E16 DIN 934 | 195 | 128-170 | 25 | 5.60 | 3 341 991 907 | 4061245041056 |

Ordering information: ORKAN storm washers must be ordered separately.

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

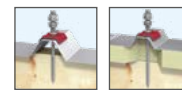
Properties

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

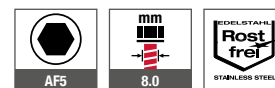
Note

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

Applications



Technical data



Certifications



| Cross references | page |
|---------------------|------|
| SB-Flat Steel | 85 |
| ORKAN storm washers | 74 |

Drill hole diameter Timber substructure

| Thickness of substructure [mm] | ≥ 32 | ≥ 40 |
|-----------------------------------|------|------|
|-----------------------------------|------|------|

| Drill hole diameter [mm] | 5.5 | 5.5 |
|-----------------------------|-----|-----|
|-----------------------------|-----|-----|

| 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 | 3.60 | 3 150 891 905 | 4061245016924 |
| Set JA3-SB-8.0x100/50 E16 DIN 934 | 100 | 25 | 3.70 | 3 151 091 905 | 4061245016887 |
| Set JA3-SB-8.0x130/50 E16 DIN 934 | 130 | 25 | 3.80 | 3 151 391 905 | 4061245016849 |
| Set JA3-SB-8.0x150/50 E16 DIN 934 | 150 | 25 | 4.00 | 3 151 591 905 | 4061245016801 |
| Set JA3-SB-8.0x180/50 E16 DIN 934 | 180 | 25 | 4.20 | 3 151 891 905 | 4061245016764 |
| Set JA3-SB-8.0x200/50 E16 DIN 934 | 200 | 25 | 4.40 | 3 152 091 905 | 4061245016726 |
| Set screw M10 x 70 mm | | | | | |
| Set JA3-SB-8.0x80/70 E16 DIN 934 | 80 | 25 | 3.80 | 3 150 891 907 | 4061245016917 |
| Set JA3-SB-8.0x100/70 E16 DIN 934 | 100 | 25 | 4.00 | 3 151 091 907 | 4061245016870 |
| Set JA3-SB-8.0x130/70 E16 DIN 934 | 130 | 25 | 4.10 | 3 151 391 907 | 4061245016832 |
| Set JA3-SB-8.0x150/70 E16 DIN 934 | 150 | 25 | 4.20 | 3 151 591 907 | 4061245016795 |
| Set JA3-SB-8.0x180/70 E16 DIN 934 | 180 | 25 | 4.40 | 3 151 891 907 | 4061245016757 |
| Set JA3-SB-8.0x200 /70 E16 DIN 934 | 200 | 25 | 4.60 | 3 152 091 907 | 4061245016719 |

Ordering information: ORKAN storm washers must be ordered separately. Also available with screw nuts with locking serrations DIN 6923.

EJOT® solar fastener JT3-SB-8.0xL



| Cross references | page |
|------------------|------|
| SB-Flat Steel | 85 |



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

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 roofing membrane
- > 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 |

Applications



Technical data



Certifications



| Order description | Screw length [mm] | Clamp thick- ness [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 | 14-55 | 25 | 4.50 | 3 340 898 905 | 4061245021249 |
| Set JT3-SB-3-8.0x115/M10x50 FZD DIN 934 | 115 | 44-85 | 25 | 4.70 | 3 341 198 905 | 4061245021256 |
| Set JT3-SB-3-8.0x155/M10x50 FZD DIN 934 | 155 | 84-125 | 25 | 5.00 | 3 341 598 905 | 4061245021263 |
| Set JT3-SB-3-8.0x195/M10x50 FZD DIN 934 | 195 | 124-165 | 25 | 5.30 | 3 341 998 905 | 4061245021270 |
| Set screw M10 x 70 mm | | | | | | |
| Set JT3-SB-3-8.0x85/M10x70 FZD DIN 934 | 85 | 14-55 | 25 | 4.70 | 3 340 898 907 | 4061245041100 |
| Set JT3-SB-3-8.0x115/M10x70 FZD DIN 934 | 115 | 44-85 | 25 | 4.90 | 3 341 198 907 | 4061245041087 |
| Set JT3-SB-3-8.0x155/M10x70 FZD DIN 934 | 155 | 84-125 | 25 | 5.20 | 3 341 598 907 | 4061245041063 |
| Set JT3-SB-3-8.0x195/M10x70 FZD DIN 934 | 195 | 124-165 | 25 | 5.60 | 3 341 998 907 | 4061245041049 |

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 |
|------------------|------|
| SB-Flat Steel | 85 |

Drill hole diameter
Timber substructure

| Thickness of substructure [mm] | ≥ 32 | ≥ 40 |
|-----------------------------------|------|------|
|-----------------------------------|------|------|

| Drill hole diameter [mm] | 5.5 | 5.5 |
|-----------------------------|-----|-----|
|-----------------------------|-----|-----|

| 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 | 3.60 | 3 150 898 905 | 4061245016900 |
| Set JA3-SB-8.0x100/50 FZD DIN 934 | 100 | 25 | 3.70 | 3 151 098 905 | 4061245016863 |
| Set JA3-SB-8.0x130/50 FZD DIN 934 | 130 | 25 | 3.80 | 3 151 398 905 | 4061245016825 |
| Set JA3-SB-8.0x150/50 FZD DIN 934 | 150 | 25 | 4.00 | 3 151 598 905 | 4061245016788 |
| Set JA3-SB-8.0x180/50 FZD DIN 934 | 180 | 25 | 4.20 | 3 151 898 905 | 4061245016740 |
| Set JA3-SB-8.0x200/50 FZD DIN 934 | 200 | 25 | 4.40 | 3 152 098 905 | 4061245016702 |
| Set screw M10 x 70 mm | | | | | |
| Set JA3-SB-8.0 x80/70 FZD DIN 934 | 80 | 25 | 3.80 | 3 150 898 907 | 4061245016894 |
| Set JA3-SB-8.0x100/70 FZD DIN 934 | 100 | 25 | 4.00 | 3 151 098 907 | 4061245016856 |
| Set JA3-SB-8.0x130/70 FZD DIN 934 | 130 | 25 | 4.10 | 3 151 398 907 | 4061245016818 |
| Set JA3-SB-8.0x150/70 FZD DIN 934 | 150 | 25 | 4.20 | 3 151 598 907 | 4061245016771 |
| Set JA3-SB-8.0x180/70 FZD DIN 934 | 180 | 25 | 4.40 | 3 151 898 907 | 4061245016733 |
| Set JA3-SB-8.0x200/70 FZD DIN 934 | 200 | 25 | 4.60 | 3 152 098 907 | 4061245016696 |

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



Weldable flat steel for EJOT® solar fastener



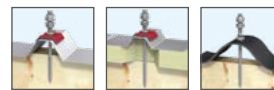
Application range

- > Accessories for EJOT solar fastener

Properties

- > A2 stainless steel
- > With slotted hole

Applications

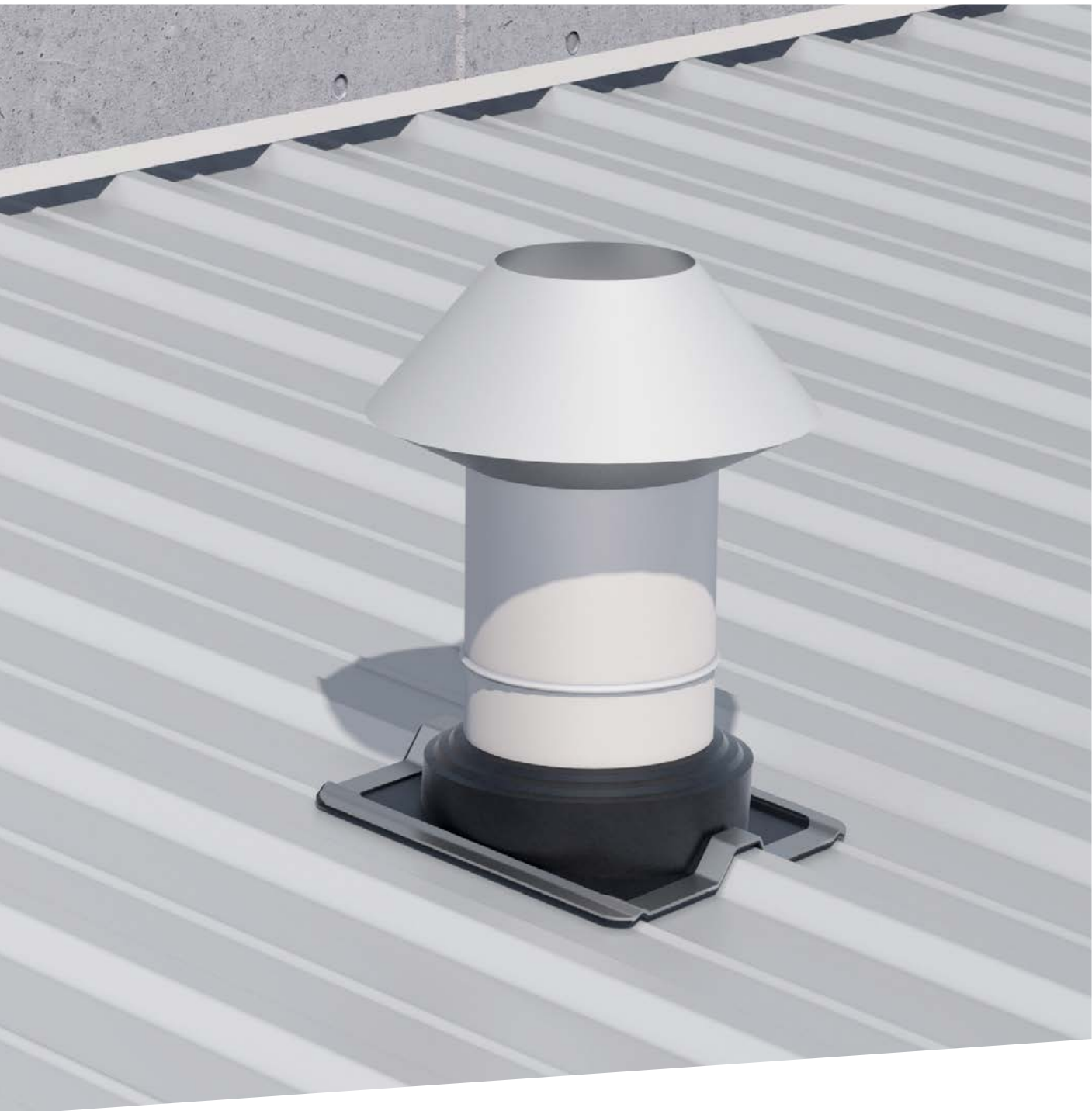


Technical data



| Cross references | page |
|--------------------------|------|
| JA3-SB-8.0xL E16 DIN 934 | 82 |
| JA3-SB-8.0xL FZD DIN 934 | 84 |
| JT3-SB-8.0xL E16 DIN 934 | 81 |
| JT3-SB-8.0xL FZD DIN 934 | 83 |

| Order description | PU [pieces] | Price/1 [EUR] | Article number | EAN |
|--|----------------|------------------|----------------|---------------|
| Weldable flat steel 40x5x110 A2 / hole 10 mm | 25 | 2.20 | 3 110 001 000 | 4061245017600 |



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 folding blind rivet set

Note

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



1. Adjust DEKTITE® to the pipe.



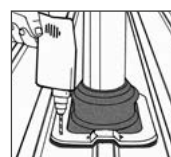
2. Adjust DEKTITE® to the profiled sheet and mark.



3. Apply sealant.



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



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

| 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 | 18.30 | 8 200 004 704 | 4061245013954 |
| DFE 101 | 5 - 55 | 139 x 139 | 0 - 35 | 80 | 8 | 1 | 20.10 | 8 200 104 704 | 4061245013800 |
| DFE 103 | 5 - 127 | 221 x 221 | 0 - 35 | 80 | 16 | 1 | 28.10 | 8 200 304 704 | 4061245013787 |
| DFE 104 | 75 - 175 | 280 x 280 | 0 - 35 | 80 | 20 | 1 | 33.40 | 8 200 404 704 | 4061245013763 |
| DFE 106 | 125 - 230 | 363 x 363 | 0 - 35 | 80 | 28 | 1 | 54.00 | 8 200 604 704 | 4061245013749 |
| DFE 107 | 150 - 300 | 456 x 456 | 0 - 35 | 310 | 32 | 1 | 60.20 | 8 200 704 704 | 4061245013725 |
| DFE 109 | 230 - 508 | 681 x 681 | 0 - 35 | 310 | 40 | 1 | 120.70 | 8 200 904 704 | 4061245013701 |

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 folding blind rivet set

Note

Use folding blind 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 folding blind rivets.

| 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 | 20.10 | 8 200 004 706 | 4061245013947 |
| DFE 101 EZ | 5 - 55 | 139 x 139 | 0 - 35 | 8 | 1 | 22.10 | 8 200 104 706 | 4061245013794 |
| DFE 103 EZ | 5 - 127 | 221 x 221 | 0 - 35 | 16 | 1 | 30.90 | 8 200 304 706 | 4061245013770 |
| DFE 104 EZ | 75 - 175 | 280 x 280 | 0 - 35 | 20 | 1 | 36.70 | 8 200 404 706 | 4061245013756 |
| DFE 106 EZ | 125 - 230 | 363 x 363 | 0 - 35 | 28 | 1 | 59.40 | 8 200 604 706 | 4061245013732 |
| DFE 107 EZ | 150 - 300 | 456 x 456 | 0 - 35 | 32 | 1 | 66.30 | 8 200 704 706 | 4061245013718 |
| DFE 109 EZ | 230 - 508 | 681 x 681 | 0 - 35 | 40 | 1 | 132.70 | 8 200 904 706 | 4061245013695 |

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

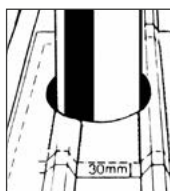
Not usable on smooth surfaces.
Profile height max. 45 mm.



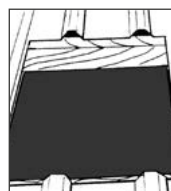
1. Adjust DEKTITE® to the pipe.



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.



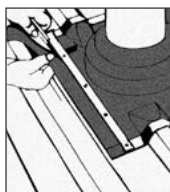
4. Cut out the roof inside of the marked 30 mm area. Trim sharp edges. Timber supports may be installed to support the roof where ribs have been removed.



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

| 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 | 72.20 | 8 206 024 704 | 4061245013688 |
| DF 603 | 114 - 254 | 485 x 460 | 0 - 60 | 80 | 36 | 1 | 91.50 | 8 206 034 704 | 4061245013671 |
| DF 605 | 254 - 406 | 708 x 635 | 0 - 60 | 310 | 52 | 1 | 129.50 | 8 206 054 704 | 4061245013664 |
| DF 606 | 380 - 610 | 1006 x 905 | 0 - 60 | 310 | 96 | 1 | 256.10 | 8 206 064 704 | 4061245013657 |

DEKTITE® Combo

**Application range**

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

Benefits

- > Perfect seal on roof and facade
- > No interference of thermal elongation of pipes
- > No fatigue fractures
- > Ideal for repairs of existing pipe systems

Included in delivery

- 1 Pipe flashing
- 1 Cartridge of EJOPLAST joint sealant
- 1 Self-drilling screw set - optionally folding blind rivet set
- 1 Clips set

Note

Use folding blind 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.



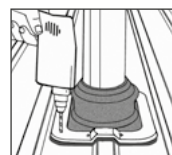
2. Adjust DEKTITE® to the profiled sheet and mark.



3. Apply sealant.



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



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

| 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 | 22.60 | 8 201 104 704 | 4061245046846 |
| DC 103 | 5 - 127 | 218 x 218 | 0 - 40 | 80 | 16 | 1 | 31.50 | 8 201 304 704 | 4061245046853 |
| DC 104 | 75 - 175 | 285 x 285 | 0 - 40 | 80 | 20 | 1 | 37.40 | 8 201 404 704 | 4061245046860 |
| DC 106 | 125 - 230 | 365 x 365 | 0 - 40 | 80 | 28 | 1 | 60.40 | 8 220 304 704 | 4061245046877 |
| DC 107 | 150 - 280 | 454 x 454 | 0 - 40 | 310 | 32 | 1 | 67.40 | 8 230 304 704 | 4061245046884 |
| DC 109 | 240 - 503 | 685 x 685 | 0 - 40 | 310 | 40 | 1 | 135.20 | 8 250 304 704 | 4061245046891 |
| DC 110 | 350 - 760 | 995 x 965 | * | 310 | 70/10 | 1 | 200.60 | 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 $\leq 25\%$ (accordion principle)
- > Use up to profile height $\leq 35\text{ mm}$

Scope of delivery DS3 235

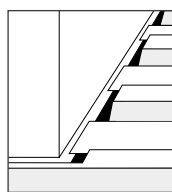
- 2 Cartridges joint sealant (neutral curing silicone)

Scope of delivery DS10 235

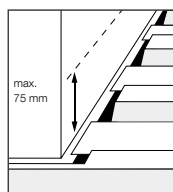
- 5 Cartridges joint sealant (neutral curing silicone)
- 1 Self-drilling screw set

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.



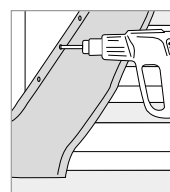
2. Do not mark the sealing line more than 75 mm above the purlin.



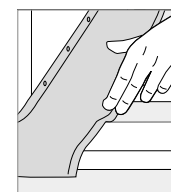
3. Apply sealant below the sealing line.



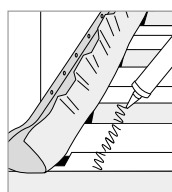
4. Trim every side of the DEKTITE®. Allow 200 - 300 mm for overlap.



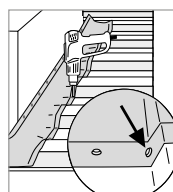
5. Fasten along the upper edge without stretching of the DEKTITE®.



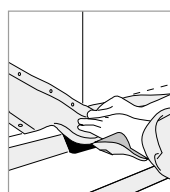
6. Manually adjust DEKTITE® to the shape of the profiled sheet. Do not use tools!



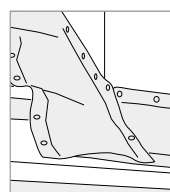
7. Apply sealant.



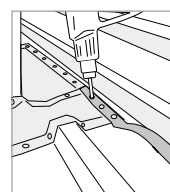
8. Fasten to valley and to profile edges as shown.



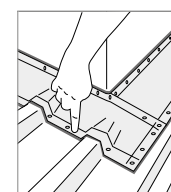
9. Stretch the corners of the overlapping upper part of the DEKTITE® and push down. Attach the upper corner.



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.

| 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 | 173.30 | 8 200 006 704 | 4061245013916 |
| DS10 235 | 10.0 | 235 | 310 | 410 | 1 | 469.90 | 8 200 005 704 | 4061245013930 |
| DS15 450 | 15.0 | 450 | 310 | 670 | 1 | 1,147.20 | 8 200 002 704 | 4061245013978 |

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

Note

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

Included in delivery

- 1 Pipe flashing
- 1 Cartridge of EJOPLAST joint sealant
- 1 Self-drilling screw set - optionally folding blind rivet set

| 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 | 18.70 | 8 250 004 704 | 4061245013633 |

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

Note

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

Included in delivery

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

| 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 | 20.60 | 8 250 104 704 | 4061245013626 |



Self-drilling screws

Self-tapping screws

Storm washers

Fasteners for solar / photovoltaic

Pipe flashings

Nylon expansion anchoring technology

Accessories



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 folding blind rivet set

Note

Use folding blind 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 BM | 0 - 35 | 139 x 139 | 0 - 60 | 80 | 8 | 1 | 20.60 | 8 250 000 704 | 4061245013640 |

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



| Order description | For pipe diameter [mm] | PU [pieces] | Price/1 [EUR] | Article number | EAN |
|--------------------|------------------------|-------------|---------------|----------------|---------------|
| Hose clamp 20-32 | 20 - 32 | 1 | 2.00 | 8 200 004 300 | 4061245013961 |
| Hose clamp 40-60 | 40 - 60 | 1 | 2.10 | 8 200 006 300 | 4061245013923 |
| Hose clamp 60-80 | 60 - 80 | 1 | 2.20 | 8 200 008 300 | 4061245013909 |
| Hose clamp 70-90 | 70 - 90 | 1 | 2.30 | 8 200 009 300 | 4061245013893 |
| Hose clamp 90-110 | 90 - 110 | 1 | 2.50 | 8 200 011 300 | 4061245013886 |
| Hose clamp 110-130 | 110 - 130 | 1 | 2.70 | 8 200 013 300 | 4061245013879 |
| Hose clamp 130-150 | 130 - 150 | 1 | 2.80 | 8 200 015 300 | 4061245013862 |

EJOT® universal hose clamp

**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 | 9.90 | - | 8 200 078 300 | 4061245013824 |
| Set (1 tightener + 1 cable tie 150 cm) | 7 | 150 | 1 | 11.60 | - | 8 200 079 300 | 4061245013817 |
| Set (1 tightener + 1 cable tie 200 cm) | 7 | 200 | 1 | 13.30 | - | 8 200 070 300 | 4061245013855 |
| Tightener | - | - | 1 | 6.50 | - | 8 200 077 300 | 4061245013831 |
| Cable tie (5000 cm) | 7 | 5,000 | 1 | - | 3.40 | 8 200 076 300 | 4061245013848 |

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).

| Order description | Contents [ml] | Colour | PU [pieces] | Price/1 [EUR] | Article number | EAN |
|-----------------------|---------------|--------|-------------|---------------|----------------|---------------|
| EJOPLAST 310 ml clear | 310 | clear | 1 | 7.30 | 8 200 001 000 | 4061245013985 |



Nylon expansion anchoring technology

Facade anchors and insulation support anchors

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

- > Hexagonal 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

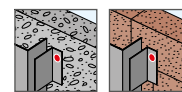
Note

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.

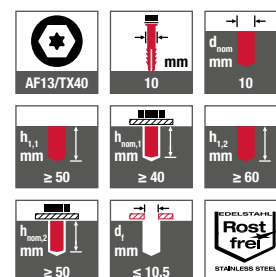
Characteristic loads

| | |
|--|----------|
| 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 |

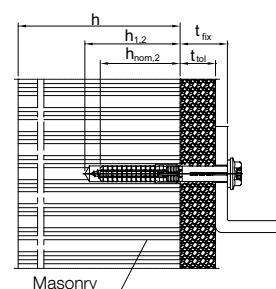
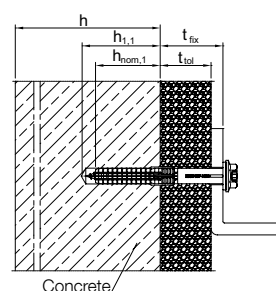
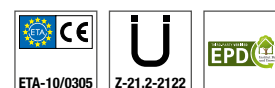
Applications



Technical data



Certifications



| Order description | Length [mm] | Diameter [mm] | Fastening thickness t_{fx} (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 | 34.10 | 8 581 050 450 | 4061245018829 |
| SDF-KB-10Vx60-V | 60 | 10 | 20 / 10 | 100 | 36.30 | 8 581 060 450 | 4061245018805 |
| SDF-KB-10Vx70-V | 70 | 10 | 30 / 20 | 100 | 40.60 | 8 581 070 450 | 4061245018775 |
| SDF-KB-10Vx80-V | 80 | 10 | 40 / 30 | 100 | 44.20 | 8 581 080 450 | 4061245018751 |
| SDF-KB-10Vx100-V | 100 | 10 | 60 / 50 | 50 | 49.10 | 8 581 100 450 | 4061245018744 |
| SDF-KB-10Vx120-V | 120 | 10 | 80 / 70 | 50 | 56.30 | 8 581 120 450 | 4061245018737 |
| SDF-KB-10Vx140-V | 140 | 10 | 100 / 90 | 50 | 70.60 | 8 581 140 450 | 4061245018720 |
| SDF-KB-10Vx160-V | 160 | 10 | 120 / 110 | 50 | 85.50 | 8 581 160 450 | 4061245018713 |
| SDF-KB-10Vx180-V | 180 | 10 | 140 / 130 | 50 | 139.00 | 8 581 180 450 | 4061245018706 |
| SDF-KB-10Vx200-V | 200 | 10 | 160 / 150 | 50 | 163.20 | 8 581 200 450 | 4061245018690 |
| SDF-KB-10Vx220-V | 220 | 10 | 180 / 170 | 50 | 186.80 | 8 581 220 450 | 4061245018683 |

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

- > Hexagonal 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.

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/mm²] 30 - 50 °C

Aerated concrete 4

1.5 kN

Aerated concrete 5

2.0 kN

Aerated concrete 6

2.5 kN

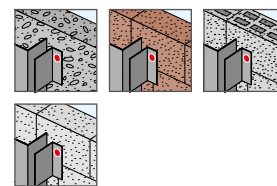
Aerated concrete 7

2.5 kN

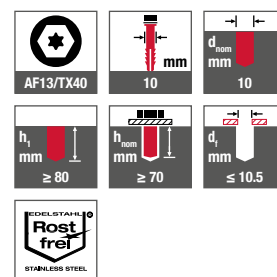
Partial safety factor γ_{MAAC}

2.0

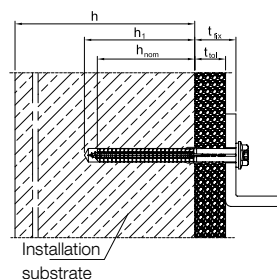
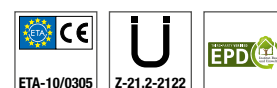
Applications



Technical data



Certifications



| 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-10Hx80-V | 80 | 10 | 10 | 100 | 36.80 | 8 513 080 420 | 4061245019642 |
| SDF-KB-10Hx100-V | 100 | 10 | 30 | 50 | 49.10 | 8 513 100 420 | 4061245019611 |
| SDF-KB-10Hx120-V | 120 | 10 | 50 | 50 | 56.30 | 8 513 120 420 | 4061245019581 |
| SDF-KB-10Hx140-V | 140 | 10 | 70 | 50 | 70.60 | 8 513 140 420 | 4061245019567 |
| SDF-KB-10Hx160-V | 160 | 10 | 90 | 50 | 85.50 | 8 513 160 420 | 4061245019543 |
| SDF-KB-10Hx180-V | 180 | 10 | 110 | 50 | 139.00 | 8 513 180 420 | 4061245019529 |
| SDF-KB-10Hx200-V | 200 | 10 | 130 | 50 | 163.20 | 8 513 200 420 | 4061245019505 |
| SDF-KB-10Hx220-V | 220 | 10 | 150 | 50 | 186.80 | 8 513 220 420 | 4061245019482 |

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 brick

| Characteristic values | | | | | Recommended loads non-cracked concrete C20/25 | | Recommended loads Bricks f_b 20.5 N/mm ² | |
|-----------------------|---------------|---------------|-------------------|------------------|---|-------------------|--|-------------------|
| Type | 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 |

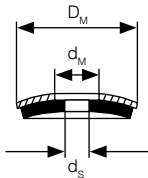
| Order description | L [mm] | d_0 [mm] | h_{tot} [mm] | t_{fix} [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|---|-----------|---------------|-------------------|-------------------|----------------|--------------------|----------------|---------------|
| Anchors with zinc-plated steel nail (GVZ) | | | | | | | | |
| ND-K 6x 40 V | 40 | 6 | 50 | 10 | 200 | 5.20 | 9 650 075 679 | 4061245002873 |
| ND-K 6x 60 V | 60 | 6 | 70 | 30 | 200 | 7.20 | 9 650 075 682 | 4061245002842 |
| ND-K 6x 80 V | 80 | 6 | 90 | 50 | 100 | 9.80 | 9 650 075 683 | 4061245002835 |



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 | 8.40 | 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 | 8.40 | 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 | 8.40 | 3 010 071 300 | 4061245044897 |
| Sealing washer E16/3-5.7x1 | 16 | 5.7 | 4.0 | 3.0 | 4.8; 4.9 | 100 | 8.40 | 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 | 8.40 | 3 010 067 300 | 4061245020808 |
| Sealing washer E16/3-7.8x1 | 16 | 7.8 | 5.7 | 3.0 | 7.2; 7.5; DG70 | 100 | 10.50 | 3 030 011 300 | 4061245044910 |
| Sealing washer E16/3-8.5x1 | 16 | 8.5 | 6.5 | 3.0 | 8.0 | 100 | 12.50 | 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 | 11.50 | 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 | 11.50 | 3 030 066 301 | 4061245044927 |
| Sealing washer E19/3-7.8x1 | 19 | 7.8 | 5.7 | 3.0 | 7.2; 7.5 | 100 | 13.60 | 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 | 13.60 | 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 | 13.60 | 3 030 013 301 | 4061245044941 |
| Sealing washer E22/3-7.8x1 | 22 | 7.8 | 5.7 | 3.0 | 7.2; 7.5 | 100 | 15.60 | 3 030 013 300 | 4061245044958 |
| Sealing washer E22/3-8.5x1 | 22 | 8.5 | 7.0 | 3.0 | 8.0 | 100 | 17.70 | 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 | 21.70 | 3 010 015 300 | 4061245020822 |
| Sealing washer E29/3-8.5x1 | 29 | 8.5 | 7.0 | 3.0 | 7.2; 8.0 | 100 | 25.80 | 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 | 166.40 | 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 | 291.10 | 3 030 075 300 | 4061245020914 |



EJOT® mushroom washer



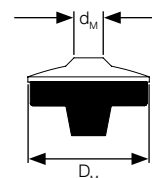
Application range

- > 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 | 23.10 | 3 010 070 704 | 4061245020792 |

EJOT® shearing load washer VS

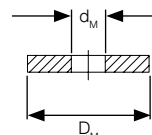


Application range

- > For use with EJOT screws JZ, JA, JT

Properties

- > Zinc-plated steel
- > Metal thickness 4 mm



| Order description | D _M [mm] | d _M [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|----------------------------|------------------------|------------------------|----------------|--------------------|----------------|---------------|
| VS 29 shearing load washer | 29 | 6.7 | 100 | 62.40 | 3 010 000 003 | 4061245020846 |

EJOT® stress plate HTV-82/40

**Application range**

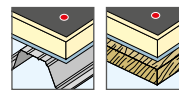
- > To fix roofing membranes to substructures made of trapezoidal steel profiles, timber and wood-based materials
- > New building
- > For installation with EJOT® ECOSET tools
- > For manual installation

Properties

- > Alu-zinc-coated steel

Note

For combination with EJOT Dabo® screws

Applications**Certifications**

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 | 7.90 | 3 020 095 401 | 4061245012483 |



EJOT® stress plate HTE-82/40



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

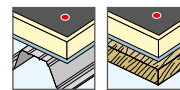
Note

For combination with EJOT Dabo® screws



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

| Order description | Width [mm] | Length [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|-------------------|------------|-------------|-------------|-----------------|----------------|---------------|
| HTE-82/40 | 40 | 82 | 500 | 38.30 | 3 020 095 300 | 4061245012490 |

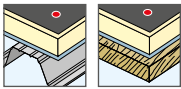
EJOT® stress plate HTV-82/40 TK



Application range

- > To fix roofing membranes to substructures made of trapezoidal steel profiles, timber and wood-based materials
- > For installation with EJOT® ECOSET tools
- > For manual installation

Applications



Properties

- > Alu-zinc-coated steel

Certifications



Note

For combination with EJOT Dabo® screws



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 | 7.90 | 3 020 098 401 | 4061245012476 |



Self-drilling screws

Self-tapping screws

Storm washers

Fasteners for solar / photovoltaic

Pipe flashings

Nylon expansion anchoring technology

Accessories



EJOT® stress plate HTV-82/40 F



Application range

- > To fix roofing membrane to substructures made of timber, wood-based materials, concrete and aerated concrete
- > For solid substrate

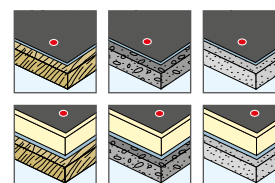
Properties

- > Alu-zinc-coated steel

Note

Compatible with EJOT Dabo® screws / with concrete and aerated concrete screws

Applications



Certifications



| Order description | Width [mm] | Length [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|-------------------|------------|-------------|-------------|-----------------|----------------|---------------|
| HTV-82/40 F | 40 | 82 | 500 | 12.30 | 3 020 093 401 | 4061245012506 |

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

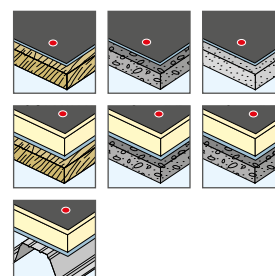
Properties

- > Alu-zinc-coated steel

Note

Compatible with EJOT Dabo® screws / with concrete and aerated concrete screws

Applications



Certifications



| Order description | Diameter [mm] | PU [pieces] | Price/100 [EUR] | Article number | EAN |
|-------------------|---------------|-------------|-----------------|----------------|---------------|
| HTV-40 RU | 40 | 1,000 | 4.80 | 3020041401 | 4061245012513 |

| | | |
|--------------------------------|-----|--|
| B | | |
| BS-R | 70 | |
| D | | |
| Dektite Combo | 91 | |
| Dektite EZi-Seal | 89 | |
| Dektite Soaker | 90 | |
| Dektite Square | 88 | |
| Dektite Strip Flash | 92 | |
| E | | |
| EJOPLAST | 95 | |
| H | | |
| Hose clamp | 95 | |
| HTE 82/40 | 106 | |
| HTV-40 RU | 108 | |
| HTV-82/40 | 105 | |
| HTV-82/40-F | 108 | |
| HTV-82/40 TK | 107 | |
| I | | |
| International contact | 2 | |
| J | | |
| JA2-6.5 | 65 | |
| JA3-6.5 | 67 | |
| JA3-SB-8.0xL FZD | 84 | |
| JA3-SB-8.0xL ORKAN | | |
| storm washer | 82 | |
| JF2-2H-4.8 | 21 | |
| JF3-2-5.5 | 36 | |
| JF3-2H-4.8 | 35 | |
| JF3-4.9 | 39 | |
| JF3-6.8 | 41 | |
| JF3-FR-2-5.5 | 37 | |
| JF3-FR-4.9 | 40 | |
| JF3-LT-2-5.5x25 | 38 | |
| Joint sealant | 95 | |
| JT2-2-4.8 | 22 | |
| JT2-2H-4.8 | 23 | |
| JT2-2H-3-4.8 | 24 | |
| JT2-2H-Plus 5.5 | 26 | |
| JT2-3-4.8 | 25 | |
| JT2-6-5.5 | 27 | |
| JT2-6-6.3 | 28 | |
| JT2-12-5.5 | 29 | |
| JT2-18-5.5 | 30 | |
| JT2-D-2-6.5 | 31 | |
| JT2-D-6-5.5 | 32 | |
| JT2-D-12-5.5 | 33 | |
| JT3-12-5.5 | 52 | |
| JT3-18-5.5 | 55 | |
| JT3-2-6.0 | 46 | |
| JT3-2-6.5 | 47 | |
| JT3-2H-4.8 | 43 | |
| JT3-2H-Plus-5.5 | 44 | |
| JT3-6-5.5 | 49 | |
| JT3-12-5.5 | 52 | |
| JT3-18-5.5 | 55 | |
| JT3-D-2H-6.5/7.0 | 56 | |
| JT3-D-6H-5.5/6.3 | 58 | |
| JT3-D-12H-5.5/6.3 | 60 | |
| JT3-FR-6-5.5 | 51 | |
| JT3-FR-12-5.5 | 54 | |
| JT3-FR-2H-Plus-5.5 | 45 | |
| JT3-SB-8.0xL FZD | 83 | |
| JT3-SB-8.0xL ORKAN | | |
| storm washer | 81 | |
| JT6-2H-Plus-5.5 | 44 | |
| JT6-6-5.5 | 49 | |
| JT6-12-5.5 | 52 | |
| JT6-D-6H-5.5/6.3 | 58 | |
| JT6-D-12H-5.5/6.3 | 60 | |
| JT3-FR-6-5.5 | 51 | |
| JZ2-6.3 | 66 | |
| JZ3-6.3 | 68 | |
| JZ3-S-6.3 | 69 | |
| M | | |
| Mushroom washer | 104 | |
| N | | |
| Nail anchor ND-K | 101 | |
| O | | |
| ORKAN storm washer | | |
| trapezoidal | 74 | |
| S | | |
| SDF-KB-10H | 99 | |
| SDF-KB-10V | 97 | |
| Sealing washer E | 103 | |
| Shearing load washer VS | 104 | |
| Solar Dektite Premium 3 | 93 | |
| Solar Dektite Premium 5 | 93 | |
| Solar Dektite Premium 12 | 94 | |
| U | | |
| Universal hose clamp | 95 | |
| W | | |
| Weldable flat steel | 85 | |

Austria

Kingspan GmbH
Office Park 1, Top B02
A-1300 Wien-Flughafen
T +49 173 1869990
kerstin.beeking@kingspan.at
www.kingspan.com/at

Czech Republic

Kingspan a.s.
Vážní 465
CZ-50003 Hradec Králové
T +420 495 866 111
info@kingspan.cz
www.kingspan.com/cz

Hungary

Kingspan Kereskedelmi Kft. /
László Kelemen
Horka dűlő 1.
H-2367 Újhartyán
T +36 30 636 6436
laszlo.kelemen@kingspan.com
www.kingspan.com/hu

Serbia

Kingspan d.o.o / Alan Tomanic
Partizanske Avijacije 18/13
SK-11070 Novi Beograd, Srbija
T +381 65 597 0001
alan.tomanic@kingspan.com
www.kingspan.com/rs

Baltic States

Kingspan Sp. z o.o. /
Arkadiusz Mierzyński
ul.Przemysłowa 20
PL-27-300 Lipsko
T +48 48 378 31 05
info@kingspan.pl
www.kingspan.com/lt

Denmark

Kingspan A/S
Mercurvej 12A
DK-9530 Støvring
T +45 7021 7788
info@kingspan.dk
vivi.hensel@kingspan.com
www.kingspan.com/dk

Norway

Kingspan AS
Grålumveien 125
N-1712 Grålum
T +47 69 144400
info@kingspan.no
mariann.arnesen@kingspan.com
www.kingspan.com/no

Slovakia

Kingspan s.r.o.
Stará Vajnorská 27
SK-83104 Bratislava
T +421 905 388 998
info@kingspan.sk
www.kingspan.com/sk

Bosnia

Kingspan d.o.o / Zeljko Djuric
Meše Selimovića br. 28
BIH-78000 Banjaluka Bosna i
Hercegovina
T +387 51 226 190
zeljko.djuric@kingspan.com
www.kingspan.com/ba

Finland

Kingspan Oy
Halmeenkatu 7
FI-38700 Kankaanpää
T +358 9 878 6080
info@kingspan.fi
veera.laukka@kingspan.com
www.kingspan.com/fi

Poland

Kingspan Sp. z o.o. /
Arkadiusz Mierzyński
ul. Przemysłowa 20
PL-27-300 Lipsko
T +48 48 378 31 05
info@kingspan.pl
www.kingspan.com/pl

Slovenia

Kingspan d.o.o / Tadej Jontez
Dunajska cesta 159
SI-1000 Ljubljana
T +386 41 630 099
tadej.jontez@kingspan.com
www.kingspan.com/si

Croatia

Kingspan d.o.o / Sergej Roth
Gorjanovićeve 22
HR-10000 Zagreb
T +385 91 158 158 0
sergej.roth@kingspan.com
www.kingspan.com/hr

Germany

Kingspan GmbH - Insulated Panels
Am Schornacker 2
D-46485 Wesel
P +49 281 95250-0
info@kingspan.de
www.kingspan.com/de

Romania

Kingspan S.R.L. / Nicu Mocanu
Str. Grigore Mora nr. 22 et. 1, ap. 2
RO-011887 Bucharesti sector 1.
T +40 212 315 089
nicu.mocanu@kingspan.com
www.kingspan.com/ro

Sweden

Kingspan Ab
Prytzgatan 6
S-43131 Mölndal
T +46 31 760 2699
info@kingspan.se
malin.kraft@kingspan.com
www.kingspan.com/se

Switzerland

Kingspan GmbH
Teufenerstrasse 25
CH-9000 St. Gallen
T +49 173 1869990
kerstin.beeking@kingspan.com
www.kingspan.com/ch