



EJOT[®]

**Fastening
Systems for
Solar Installations**

EJOT[®] The Quality Connection

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www.ejot.com

Imprint

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Germany

Layout and Realisation:

EJOT Building Fasteners GmbH, D-57334 Bad Laasphe

Print: Schlabach GmbH & Co. KG, D-57339 Erndtebrück

Cover Picture: COLEXON Energy AG

Legal notes:

EJOT products are constantly enhanced. They are subject to technical changes, assortment and price changes.

During planning and use of our products please comply with accepted engineering rules, planning laws as well as relevant safety regulations. The national technical approvals granted to our products can be downloaded on the Internet at www.ejot.com.

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COLEXON Energy AG

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EJOT® – your strong partner for fastening solutions in the building and solar industry

□ Expertise

With over 30 years of experience and development know-how “Made in Germany”, we know the needs concerning fastening tasks on building envelopes very precisely. Our knowledge is the base and source of our products and solutions to offer real benefits to our customers.

□ Quality and efficient assembly

The quality of our products surpasses planning laws and legal requirements. Our aim is to ensure quick and easy assembly.

□ Customer-friendly service

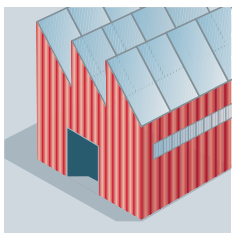
We make a point of building friendly and trustful relationships with our customers. If necessary our employees go directly to the building site. We share our know-how in training seminars.

□ There for you worldwide

Our worldwide sales and service network with its own companies and partners as well as a worldwide project support team is glad to help our customers at any time.



EJOT Building Fasteners: Over 30 years of building envelope expertise



ILB ETICS



1. Industrial Lightweight Construction (ILB)

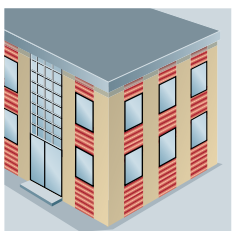
High-quality fasteners for fixing profiled sheets and sandwich panels in the industrial lightweight construction

2. External Thermal Insulation Composite Systems (ETICS)

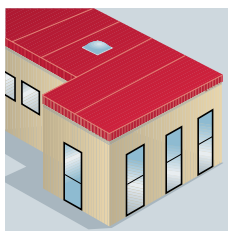
Special anchors for fixing insulation on external wall systems

3. Rear Ventilated Facades (VHF)

Fasteners and anchors for fixing substructures and facade fascias of rear ventilated systems



VHF FLD

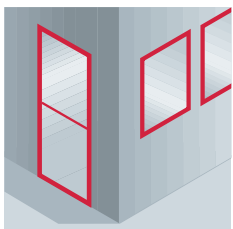


4. Flat Roofing (FLD)

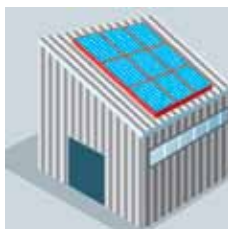
Fasteners, and installation tools for the efficient attachment of insulation and waterproofing membrane to flat roofs and slightly sloping roofs.

5. Industrial Window and Facade Technology (IFF)

High quality fasteners for the window and door production and the use in aluminium/glass facade systems



IFF Solar



6. Fastening Systems for Solar Installations (Solar)

For fastening of mounting systems for photovoltaic and thermal solar installations.



Abakus Solar AG

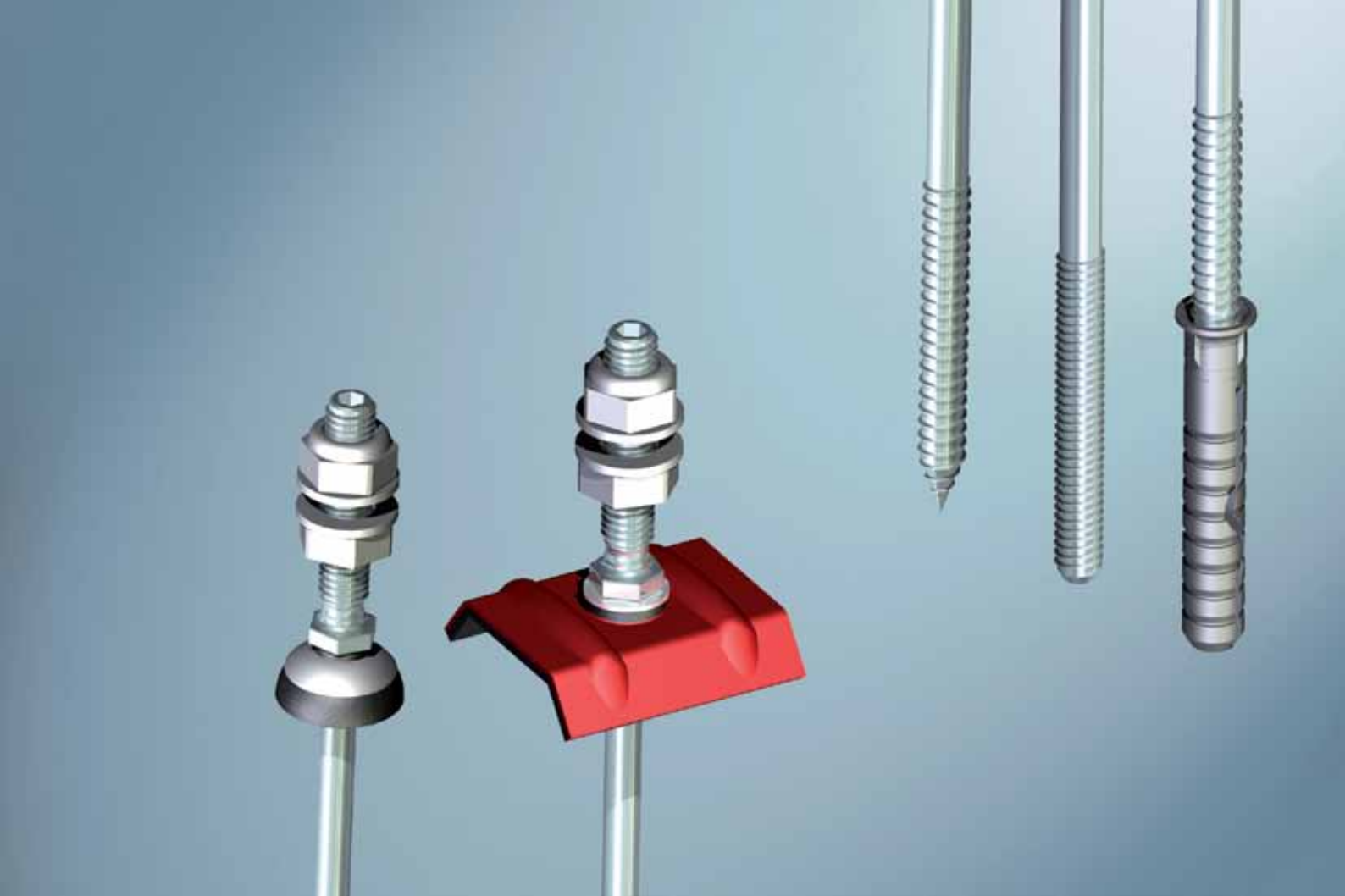
EJOT® Solar Fastening - For fastening of mounting systems for thermal solar and photovoltaic installations

With the EJOT Solar Fastening made from stainless steel (A2), you will be able to fasten your new rooftop solar installations securely and simply. They are suitable for all common substructures of wood, steel and concrete.

This system guarantees watertightness and a high bearing capacity coming along with an easy installation. Moreover, it allows an exact height adjustment of the installation.

The EJOT Solar Fastening is a combination of a building authorities approved self-tapping screw for steel substructures, or a wood screw according to DIN 571, which is connected to a set-screw by means of a welded joint. The complete package consists of the EJOT Solar Fastening with welded-on set-screw, a nut, a lock nut and the required washers. The most suitable sealing system (e.g. EJOT ORKAN Storm Washer or FZD sealing element) is chosen according to the application.

The fastener is anchored in the substructure and transmits all tensile and compression loads exactly to where they can be absorbed securely. Consequently the characteristic load values are definable and can be found in the building authorities approvals, such as Z-14.4-532. The EJOT Solar Fastening is especially suitable for roofs with trapezoidal profiles, sandwich panels and fibre cement sheets.



EJOT® Solar Fastening - All advantages at a glance

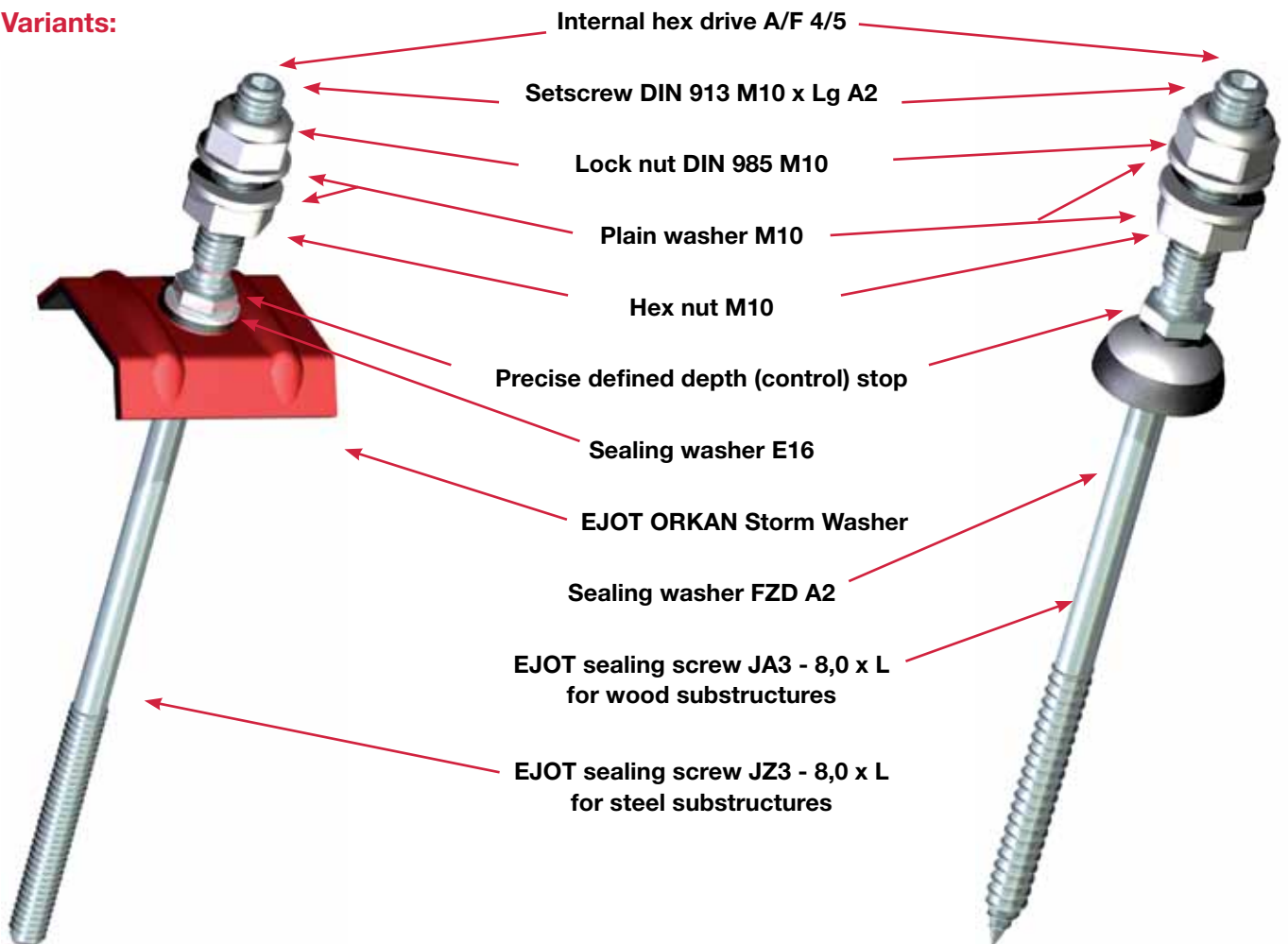
- Short delivery times
- Flexibility in case of special requests
- Expert advise
- High product quality through strict quality control
- Quick retrofitting on existing roofs
- No additional holes in the roof cladding
- Use of proven sealing systems
- No special assembly tools necessary
- Extremely secure attachment due to fastening directly into the substructure
- Building authorities approved fastening system
- Project related structural pre-analysis, free of charge

Note:

If an already existing roof is concerned, which is fastened onto steel substructures with \varnothing 5.5 or 6.3 mm screws, it is possible to remove the old screws and to replace them with \varnothing 8.0 mm EJOT Solar Fastenings. The pre-drilling diameter has to be observed at all times.

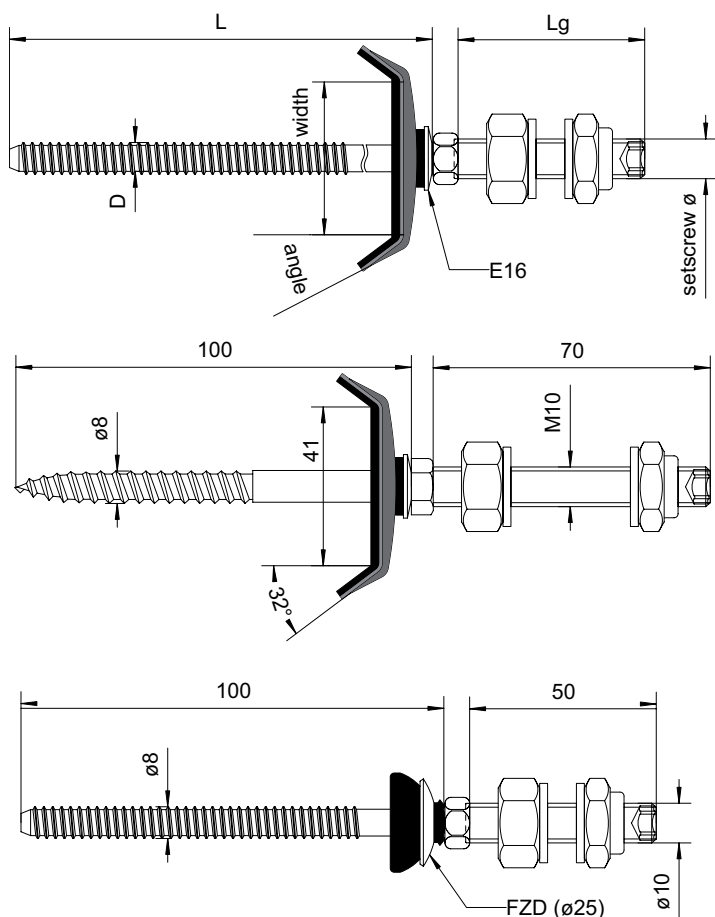


Variants:





Product key:



Example: JA3 - SB - D x L / Lg - E16 or FZD

D = screw diameter (lower part)

L = length of screw (lower part)

Lg = length of set screw (upper part)

Type JZ3 = suitable for steel substructures

Type JA3 = suitable for wood substructures

Standard is a Ø 8.0 with M10 x 50 set screw.

If the length of the set screw is not specified, it is automatically 50 mm.

**JA3 - SB - 8,0 x 100 / 70 - E16 +
EJOT ORKAN Storm Washer 41-32**

JZ3 - SB - 8,0 x 100 / 50 - FZD

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**Standard product range
(for Ø 8,0 mm versions):**

Version	JZ3-SB-	JA3-SB-
	for steel substructures	for wood substructures
Material	stainless steel A2	stainless steel A2
Drive	A/F 5	A/F 5
Threaded part	M10 x 50	M10 x 50
	M10 x 70	M10 x 70
Sealing systems	Sealing washer E16 + Storm Washer	Sealing washer E16 + Storm Washer
	FZD	FZD
Ø (mm)	8.0	8.0
Screw length L [mm]	64	80
	80	100
	100	130
	125	150
	150	180
	160	200
	200	
	240	
	280	

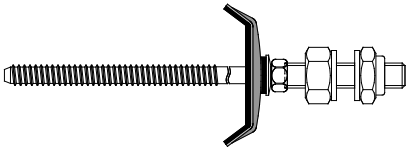
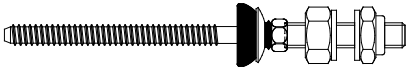
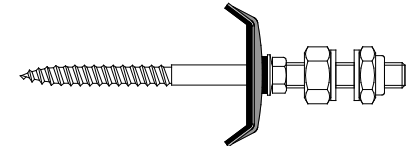

**Special product range
(for Ø 6,5 and 10,0 mm versions):**

JA3-SB-	JA3-SB-
for wood substructures	for wood substructures
stainless steel A2	stainless steel A2
A/F 4	A/F 5
M8 x 50	M10 x 50
M8 x 70	M10 x 70
Sealing washer E16 + Storm Washer	Sealing washer E16 + Storm Washer
FZD	FZD
6.5	10.0
64	150
75	200
100	220
125	240
150	260
175	280
200	300
230	
260	
290	

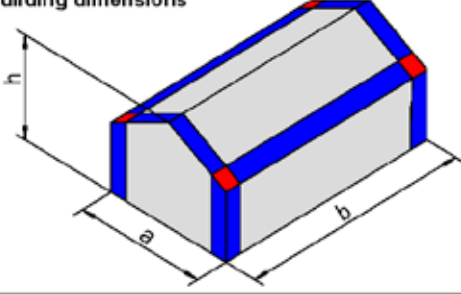
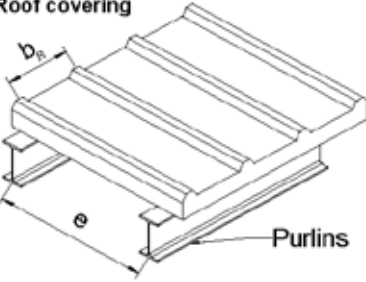
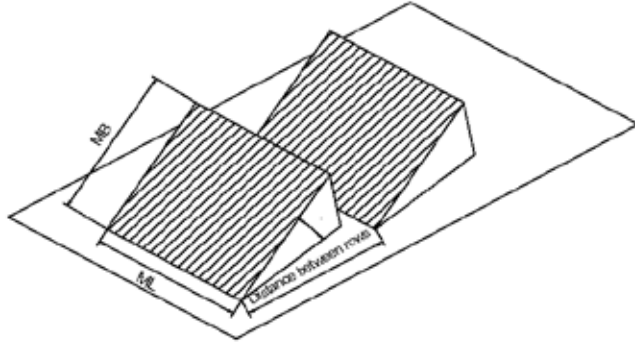


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Installation note:

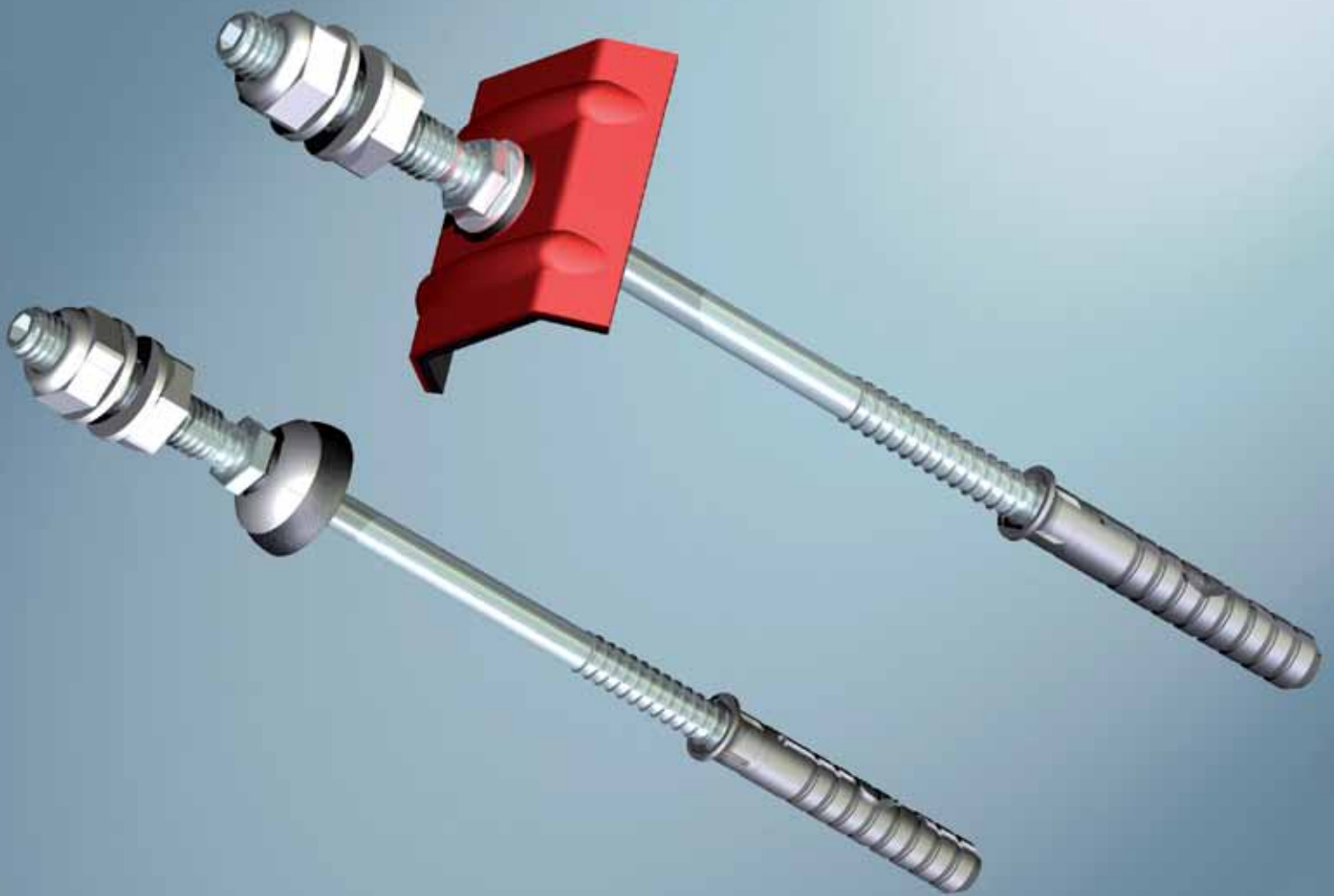
Screw	Description	Sub-structure [mm]	Pre-drilling Ø [mm]	Drive of the set-screw	Screw length/ Insertion depth [mm]
	JZ3-SB-8,0xL/LG-E16 + EJOT ORKAN Storm Washer	1,5 ... < 5,0	6.8	A/F 5	Screw length: Sandwich element thickness or height of trapezoidal profile + 20 mm
		5,0 ... < 7,5	7.0		
	JZ3-SB-8,0xL/LG-FZD	7,5 ... < 10	7.2	A/F 5	Screw length: Sandwich element thickness or height of trapezoidal profile + 20 mm
		≥ 10	7.4		
	JA3-SB-6,5xL/LG-E16 + Storm Washer	wood	4.5	A/F 4	Insertion depth in wood: 26 - 75
	JA3-SB-8,0xL/LG-E16 + Storm Washer		5.5	A/F 5	32 - 96
	JA3-SB-6,5xL/LG-FZD	wood	4.5	A/F 4	26 - 75
	JA3-SB-8,0xL/LG-FZD		5.5	A/F 5	32 - 96
	JA3-SB-10,0xL/LG-FZD		7.0	A/F 5	40 - 120

EJOT Solar Fastenings Questionnaire	
Project:	
Substructure	
<input type="checkbox"/> Steel	Thickness of steel substructure in mm: <input style="width: 100px;" type="text"/>
Type:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Wood	<div style="display: flex; align-items: center;"> <div style="margin-top: 10px;"> Height of purlins H [mm] <input style="width: 100px;" type="text"/> Width of purlins B [mm] <input style="width: 100px;" type="text"/> </div> </div>
Roof covering	
<input type="checkbox"/> Fiber cement profile	Profile height of the corrugated sheet in mm: <input style="width: 100px;" type="text"/> Profile 5 (58 mm) <input type="checkbox"/> Profile 8 (36 mm) <input type="checkbox"/> others <input style="width: 100px;" type="text"/>
<input type="checkbox"/> Sandwich element	<div style="display: flex; align-items: center;"> <div style="margin-top: 10px;"> D [mm] <input style="width: 100px;" type="text"/> </div> </div> Producer + identification known? <input style="width: 100px;" type="text"/>
<input type="checkbox"/> Trapezoidal profile sheet	<div style="display: flex; align-items: center;"> <div style="margin-top: 10px;"> h [mm] <input style="width: 100px;" type="text"/> </div> </div> Producer: <input style="width: 100px;" type="text"/> Identification: <input style="width: 100px;" type="text"/>
If producer and identification unknown	Crown distance in mm <input style="width: 100px;" type="text"/> Clearance between wickets in mm <input style="width: 100px;" type="text"/> Wicket width in mm <input style="width: 100px;" type="text"/> Clearance between bottom booms in mm <input style="width: 100px;" type="text"/> Bottom boom width in mm <input style="width: 100px;" type="text"/> Angle in ° <input style="width: 100px;" type="text"/> Depth of section in mm <input style="width: 100px;" type="text"/>
Stud bolt	
Length:	50 mm (standard) <input type="checkbox"/> 70 mm <input type="checkbox"/> different length in mm <input style="width: 100px;" type="text"/>
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> </div> <div style="width: 45%;"> </div> </div>	

<p>Building dimensions</p> 	<p>Width a <input style="width: 100%;" type="text"/></p> <p>Length b <input style="width: 100%;" type="text"/></p> <p>Height h <input style="width: 100%;" type="text"/></p> <p>Roof slope α <input style="width: 100%;" type="text"/></p> <p>Roof type <input style="width: 100%;" type="text"/></p> <p>Attic height [m] <input style="width: 100%;" type="text"/></p> <p>Eaves radius [m] <input style="width: 100%;" type="text"/></p> <p>Eaves slope [°] <input style="width: 100%;" type="text"/></p>																								
<p>Type of building</p>	<p>Open building <input type="checkbox"/></p> <p>Exposed location <input type="checkbox"/></p> <p>Internal pressure <input type="checkbox"/></p>																								
<p>Roof covering</p> 	<p>Purlin spacing e <input style="width: 100%;" type="text"/></p> <p>Rib width b_R <input style="width: 100%;" type="text"/></p> <p>Element color (RAL) <input style="width: 100%;" type="text"/></p> <p>Thickness of face sheet</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 20%;">Steel</td> <td style="width: 20%;">0,4 mm</td> <td style="width: 30%;"><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>0,55 mm</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>$\geq 0,63$ mm</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>Aluminum</td> <td>0,5 mm</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>0,6 mm</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td>$\geq 0,70$ mm</td> <td><input type="checkbox"/></td> </tr> </table>		Steel	0,4 mm	<input type="checkbox"/>			0,55 mm	<input type="checkbox"/>			$\geq 0,63$ mm	<input type="checkbox"/>		Aluminum	0,5 mm	<input type="checkbox"/>			0,6 mm	<input type="checkbox"/>			$\geq 0,70$ mm	<input type="checkbox"/>
	Steel	0,4 mm	<input type="checkbox"/>																						
		0,55 mm	<input type="checkbox"/>																						
		$\geq 0,63$ mm	<input type="checkbox"/>																						
	Aluminum	0,5 mm	<input type="checkbox"/>																						
		0,6 mm	<input type="checkbox"/>																						
		$\geq 0,70$ mm	<input type="checkbox"/>																						
<p>Location of the building</p>	<p>Postal code <input style="width: 100%;" type="text"/></p> <p>City & state <input style="width: 100%;" type="text"/></p> <p>Wind load zone <input style="width: 100%;" type="text"/></p> <p>Terrain category <input style="width: 100%;" type="text"/></p> <p>Height above sea level [m] <input style="width: 100%;" type="text"/></p> <p>Snow load zone <input style="width: 100%;" type="text"/></p> <p>North German Plain <input type="checkbox"/></p>																								
<p>Modules</p>	<p>Weight of module + rail system <input style="width: 100%;" type="text"/></p> <p>Length of modules ML [m] <input style="width: 100%;" type="text"/></p> <p>Width of modules MB [m] <input style="width: 100%;" type="text"/></p> <p>Quantity of modules <input style="width: 100%;" type="text"/></p> <p>Distance between rows <input style="width: 100%;" type="text"/></p> <p>Angle of elevation (β) <input style="width: 100%;" type="text"/></p>																								
<p>Miscellaneous information:</p> 																									

Our application engineering will gladly assist you in selecting the right choice of the EJOT Solar Fastening. Just enter the existing technical data into the questionnaire and fax it to the following number: +49 27 52 908-731.

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EJOT® Solar Fastening for concrete substructures

The EJOT Solar Fastening for concrete substructures is developed upon the basic concept of the EJOT Solar Fastening. It offers the same technical advantages of this system, as a joint between the roof and the mounting system for solar installations. The important difference to the standard - Solar Fastening - is the usage of this fastening system in concrete substructures.

All advantages at a glance

- Usage of an anchor screw A/F13 (material A4)
- Usage of the EJOT SDF anchor (special anchor for fastening into concrete)
- Shortest anchor length $L=60$ mm
- Short delivery times
- Flexibility in case of special requests
- Expert advise
- High product quality through strict quality control
- Quick retrofitting on existing roofs
- No additional holes in the roof cladding
- Use of proven sealing systems
- Extremely secure fastening due to fastening directly into the substructure
- Project related structural pre-analysis, free of charge

Note:

The shortest anchor length is $L=60$ mm. The screw to be used is dimensioned with an allowance due to the elongation of the anchor during assembly. For the hole depth of blind holes at least 10 mm allowance has to be added to the anchor length.

Variants:

Set screw DIN 913
M10 x Lg A2

Lock nut
DIN 985 M10

Plain washer M10

Hex nut M10

Precise defined depth
(control) stop

EJOT ORKAN Storm
Washer

SDF screw

Internal hex
drive A/F 5

Sealing
washer
E16

Sealing washer FZD A2

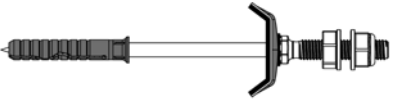

SDF anchor



**Product range for EJOT Solar Fastening
for concrete substructures:**

Version	A/F13 / SDF anchor (D=10mm) for concrete substructures
Material	stainless steel A4
Drive	A/F 5
Threaded part	M10 x 50 M10 x 70
Sealing systems	Sealing washer E16/2 + Storm Washer FZD
Ø (mm)	7.0
Screw length L [mm]	67
	87
	107
	127
	147
	167
	187
	207
	227

Installation note:

Screw + description	Sub-structure [mm]	Pre-drilling Ø [mm]	Hole depth [mm]	Drive of the set-screw	Screw length/ Insertion depth [mm]
 SW13-SB-7,0xL/LG + anchor -E16 + Storm Washer	Concrete	10	Anchor length + min. 10mm	A/F 5 (for M10 threaded part)	min. screw length: sandwich element thickness or trapezoidal profile height + anchor length + min. 10mm
 SW13-SB-7,0xL/LG + anchor - FZD					min. screw length: sandwich element thickness or trapezoidal profile height + anchor length + min. 20mm



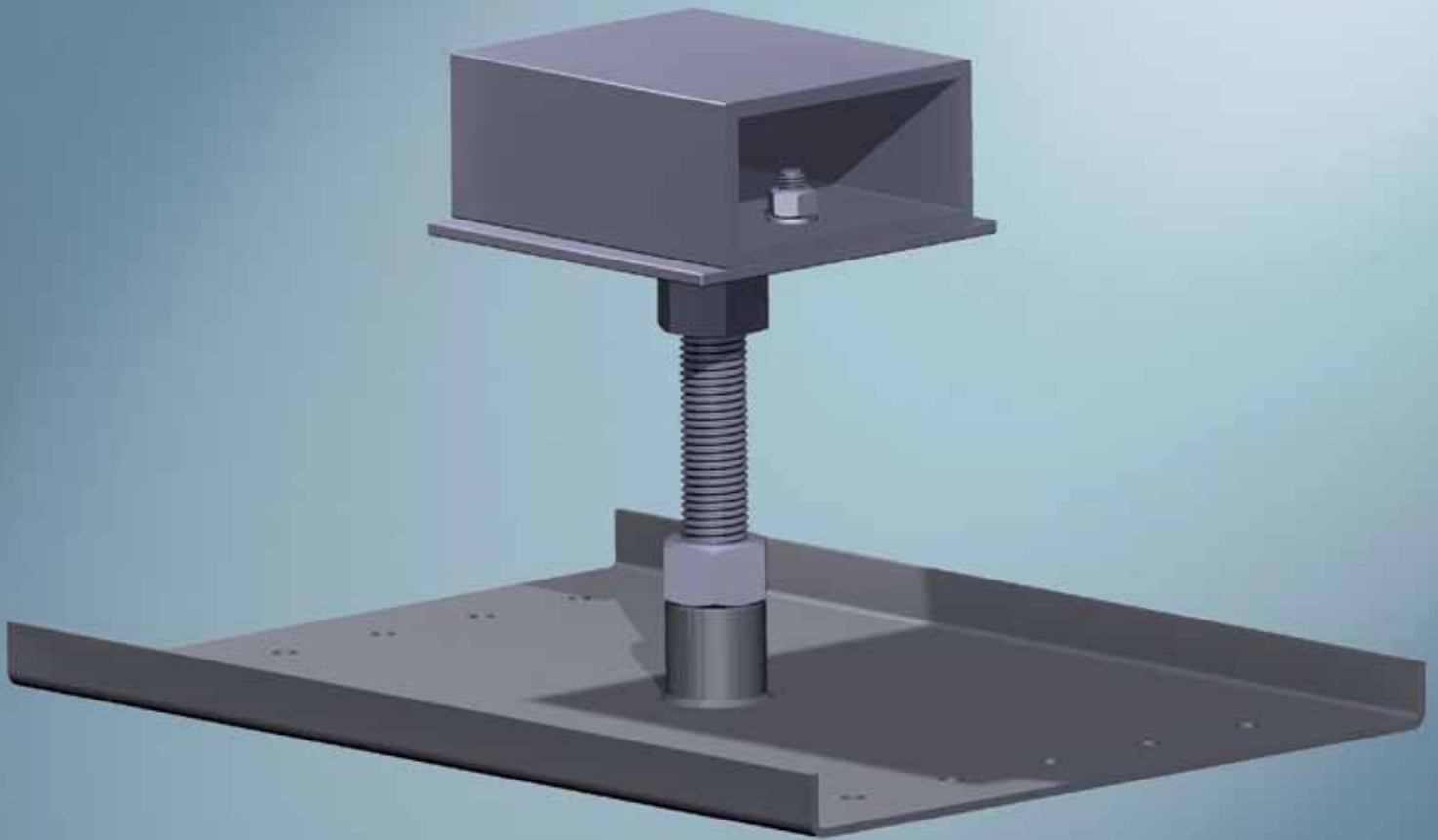
EJOT® Flat Roof Solar Fastening System

The simple and reliable solution to set up additional installations on your flat roof.

Applications:

- Basis system to set up the installation of uprights on flat roofs, e.g.:
 - Fastening of mounting systems for solar and photovoltaic installations
 - Catwalks for assembly and maintenance
 - Air conditioning units, switch boxes, etc.

- Suitable for:
 - Membrane systems
 - Bitumen systems
 - All common insulating materials
 - Unloading of waterproofing and insulating layers with low bearing capacity
 - Substructures with trapezoidal profiles, wood or concrete



* edged from 250 mm side length onwards

EJOT® Flat Roof Solar Fastening System - The advantages at a glance

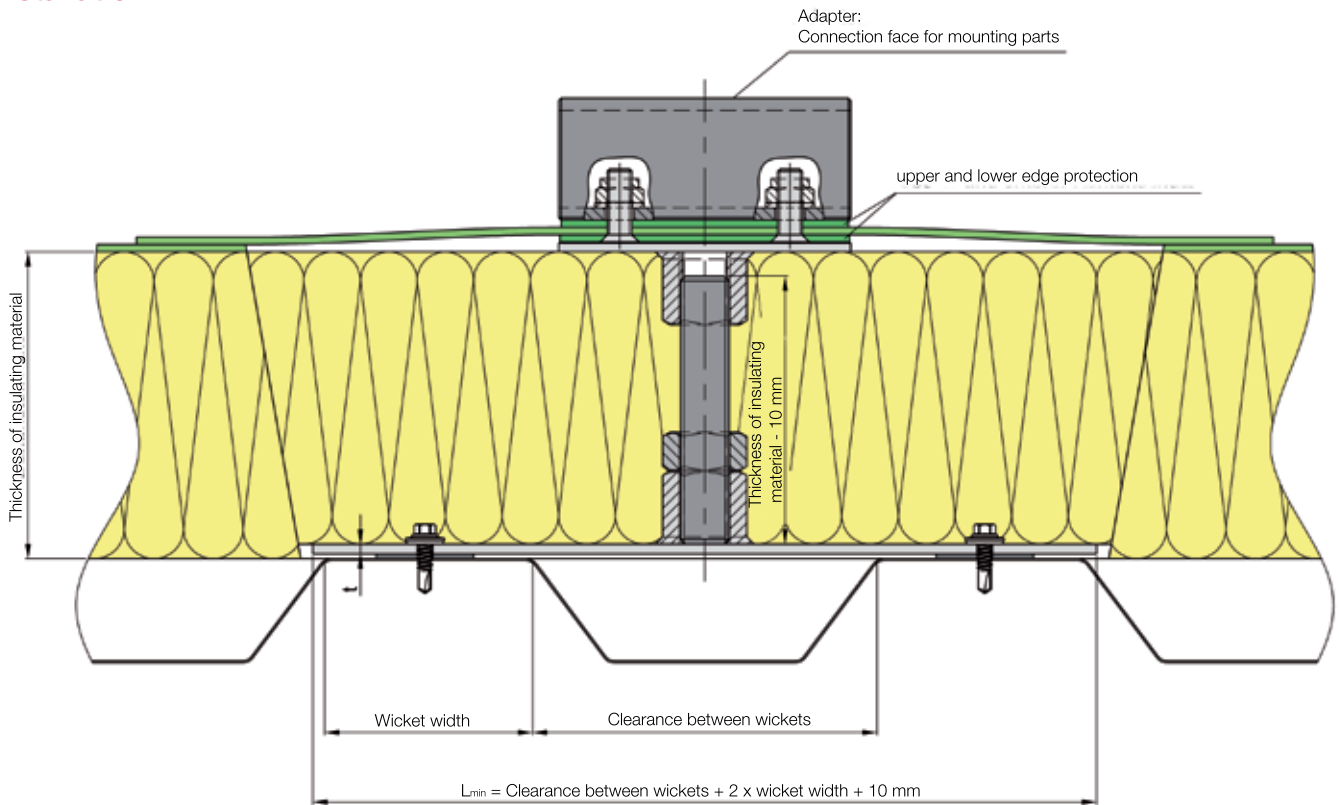
Advantages:

- Load application directly onto the stable, load-bearing section
- No additional compression load on the roof membrane and the thermal insulation
- Ideal alignment of the uprights for solar installations independent of:
 - the wicket alignment of the trapezoidal profile on the substructure
 - the position of the building
- Simple adjustment of unevenness and small differences in height, e.g. regarding the positioning of mounting systems for solar installations
- Suitable for retrofitting
- Simple, fast and clean installation
- Secure sealing of the roof membrane and diffusion layer
- No corrosion through usage of stainless steel and aluminium

Note:

- The adhesive has to be matched to the roofing membrane and it has to be suited to the application
- Thoroughly clean the respective area of the roofing membrane before applying the adhesive
- Apply the adhesive generously

Installation:



Product range:

- Thickness of the insulating layer up to 240 mm
- The base plate is designed for the existing substructure
 - Trapezoidal metal profile as substructure
 - Concrete as substructure
 - Wood substructures
- Use of proven EJOT fasteners for anchoring into the substructure
- Adjustment of curved roofing constructions through pivoting adapter (optional)
- Supply of special tools for optimal assembly on request

Special tools (available upon request)



Cutting tool

Spade to cut out the insulation.
Especially suited for mineral wool.



"Corkscrew"

Tool for forming the central hole in
the insulation material to take up
the threaded part.



Jig

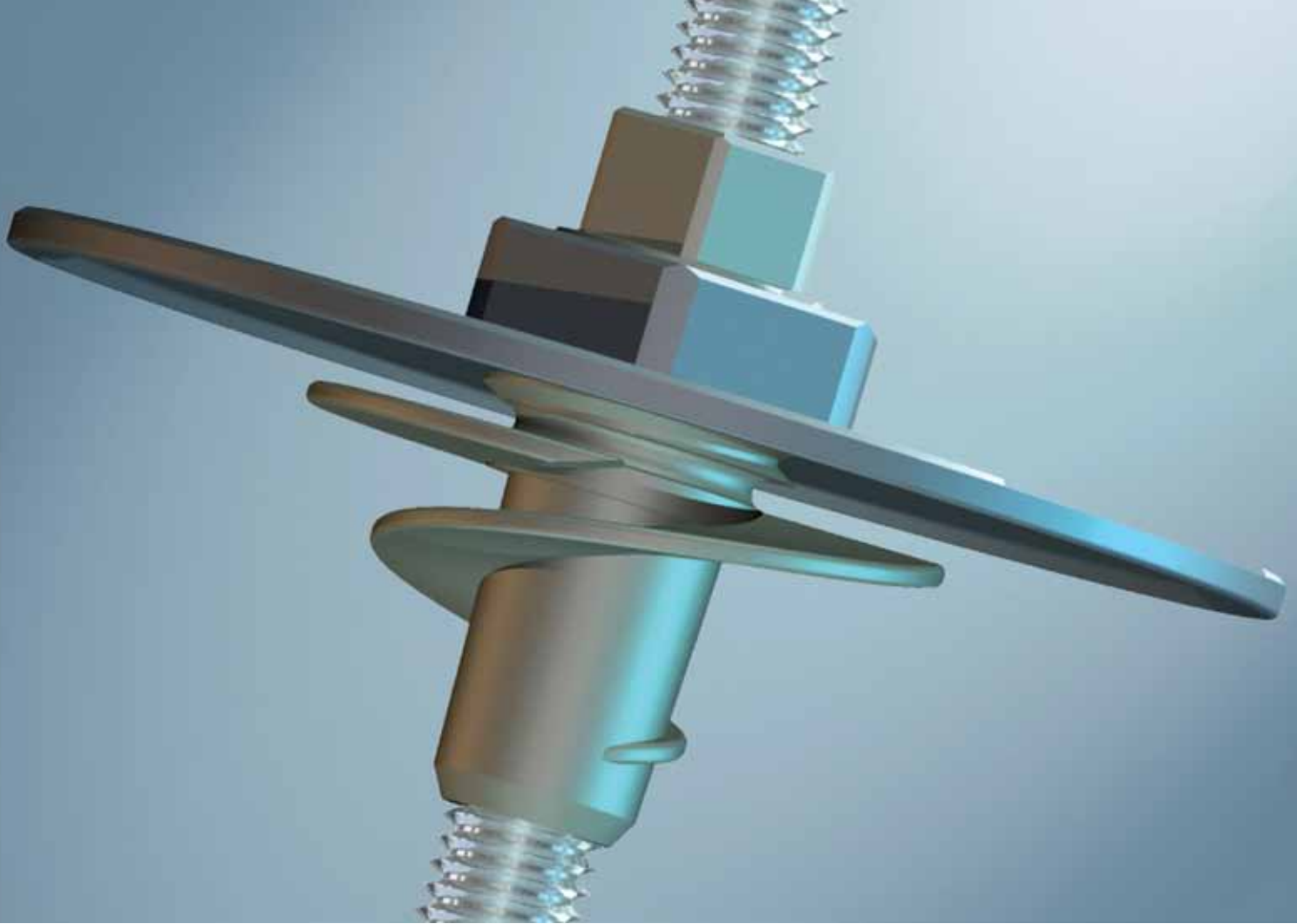
Accessory for the easy marking
of the size and position of the
EJOT Flat Roof Solar Fastening
System onto the roof.

Questionnaire EJOT® Flat Roof Solar Fastening System

Information to configure the EJOT Solar Flat Roof Fastening System	
Date:	<input style="width: 100%;" type="text"/>
Requesting person:	<input style="width: 100%;" type="text"/>
Customer / company:	<input style="width: 100%;" type="text"/>
Contact (Name):	<input style="width: 100%;" type="text"/>
Phone - No.:	<input style="width: 100%;" type="text"/>
E-Mail:	<input style="width: 100%;" type="text"/>
Planned project (City):	<input style="width: 100%;" type="text"/>
Planned project (Zip Code):	<input style="width: 100%;" type="text"/>
Roof - Length of building [m]:	<input style="width: 100%;" type="text"/>
Roof - Width of the building [m]:	<input style="width: 100%;" type="text"/>
Usage in corrosion critical environment? (e.g. indoor swimming pool, sewage works, ...)	
<input type="checkbox"/> Yes	<input type="checkbox"/> No
Requested amount [pcs.]:	<input style="width: 150px;" type="text"/> (Rough assumption for evaluation of quantity needed: = 1 fastener every 6 m ²)
Substructure	
<input type="checkbox"/> Trapezoidal cross section	
<input type="checkbox"/> Concrete t = 50 - 70mm	<input type="checkbox"/> Aerated
<input type="checkbox"/> Concrete t > 70mm	<input type="checkbox"/> Wood
Roof covering	
<input type="checkbox"/> Foil/Membrane	<input type="checkbox"/> Bitumen
Insulation material	
<input type="checkbox"/> Polystyrene	<input type="checkbox"/> Rock wool
	<input type="checkbox"/> Glass wool
Thickness of insulation material [mm]	<input style="width: 150px;" type="text"/>
Roof slope	
<input type="checkbox"/> 0° - 5°	<input type="checkbox"/> 5° - 10°
	<input type="checkbox"/> > 10°

Information about the roof setup for systems with trapezoidal cross section used as substructure	
Crown distance [mm]	<input style="width: 100%;" type="text"/>
Crown width [mm]	<input style="width: 100%;" type="text"/>
Insulation thickness [mm]	<input style="width: 100%;" type="text"/>
Sheet metal thickness [mm]	<input style="width: 100%;" type="text"/>

Our application engineering will gladly assist you in the dimensioning of the EJOT Flat Roof Solar Fastening System for your project. Please fill in the questionnaire and send it to one of the following contact addresses:
 Fax +49 27 52 908-731 and e-mail: solar@ejot.de.



EJOT® Solar Fastening FD

With the EJOT Solar Fastening FD and its innovative sealing system, the penetration of roofs with roofing membranes (flat roof) is quick, easy and watertight

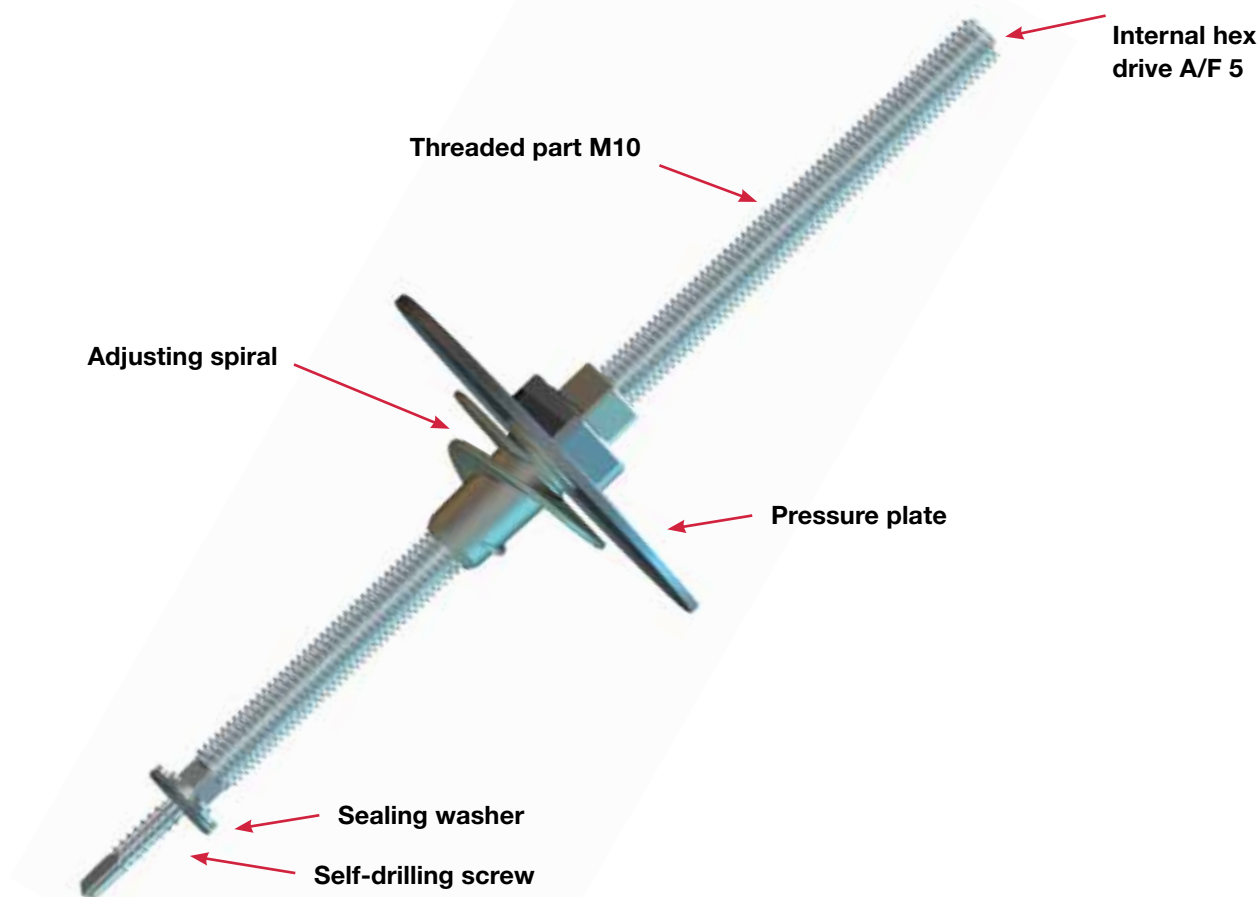
The building authorities approved self-drilling screw (EJOT JT3-2H-6,0 x 25) is fastened into the substructure (e.g. trapezoidal profile steel/aluminium).

This fastener is designed for the absorption of tensile forces only and therefore especially suited for fastening lightweight solar mounting systems on flat roofs. Wind suction forces onto the fastened system are securely absorbed by the EJOT Solar Fastening FD.

Features

- Absorption of tensile forces e.g. wind suction
- Fastening into the substructure with EJOT JT3-2H-6,0 x 25 self-drilling screw (for trapezoidal profiles as substructure)
- Drilling screw with building authorities approval Z-14.4-426
- Pre-drilling diameter in sheeting and insulation: d= 16mm
- Hexagon drive A/F5
- Standard - threaded part M10 x 200, A2 stainless steel
- Processing of insulation thicknesses up to 160mm
- For larger insulation thicknesses upon request
- Adjusting spiral can be changed in height for optimal positioning
- Waterproofing with a suitable, liquid sealing material and mechanical clamping between adjusting spiral and pressure plate
- Fastening of the mountings through protruding threaded part (M10)
- Corrosion resistant
- Also available for flat roofs with wood substructures

Variants:



EJOT® Solar Fastening FD - The advantages at a glance

Advantages:

- Quick installation
- Ideal for the backfitting on existing flat roofs
- Minimal drill holes in the roofing membrane
- Automatic driving of the adjusting spiral into the roofing membrane
- Minimum destruction of the roofing membrane during assembly of the adjusting spiral
- Quick and easy sealing of the roofing membrane
- Pre-drilling only in roofing membrane and insulation
- Secure assembly of the drilling screw into the substructure
- No destruction of the screw joint in the trapezoidal profile due to stripping
- Integrated sealing of the diffusion layer through the pre-assembled sealing washer
- Material EJOT Solar Fastening FD: A2 stainless steel
- Plastic parts (made of polyamide with a high proton of glass fibre) are UV and temperature resistant

Note:

- The adhesive has to be matched to the roofing membrane and it has to be suited to the application
- Thoroughly clean the respective area of the roofing membrane before applying the adhesive
- Apply adhesive generously. If material wells out under the plate during fastening, the system is well and completely filled.



EJOT® SUPER-SAPHIR self drilling screws

Features:

- ❑ Hexagon drive or TORX®
- ❑ Free Spin Zone under the head facilitates longitudinal joints
- ❑ Small dead centre prevents misalignment on the component surface
- ❑ Galvanised steel sealing washer or stainless steel with vulcanised elastomer. Excellent atmospheric and UV-resistance.

Advantages:

- ❑ Connect components in one step
- ❑ Drilling, thread-forming and fastening
- ❑ Decrease assembly times
- ❑ Save tool changes and costs for drilling tools
- ❑ Available with captive sealing disk upon request

Approvals:

Many EJOT products are building authorities approved or a general building authorities test certificate is available.

Product versions:

EJOT Self-drilling screws

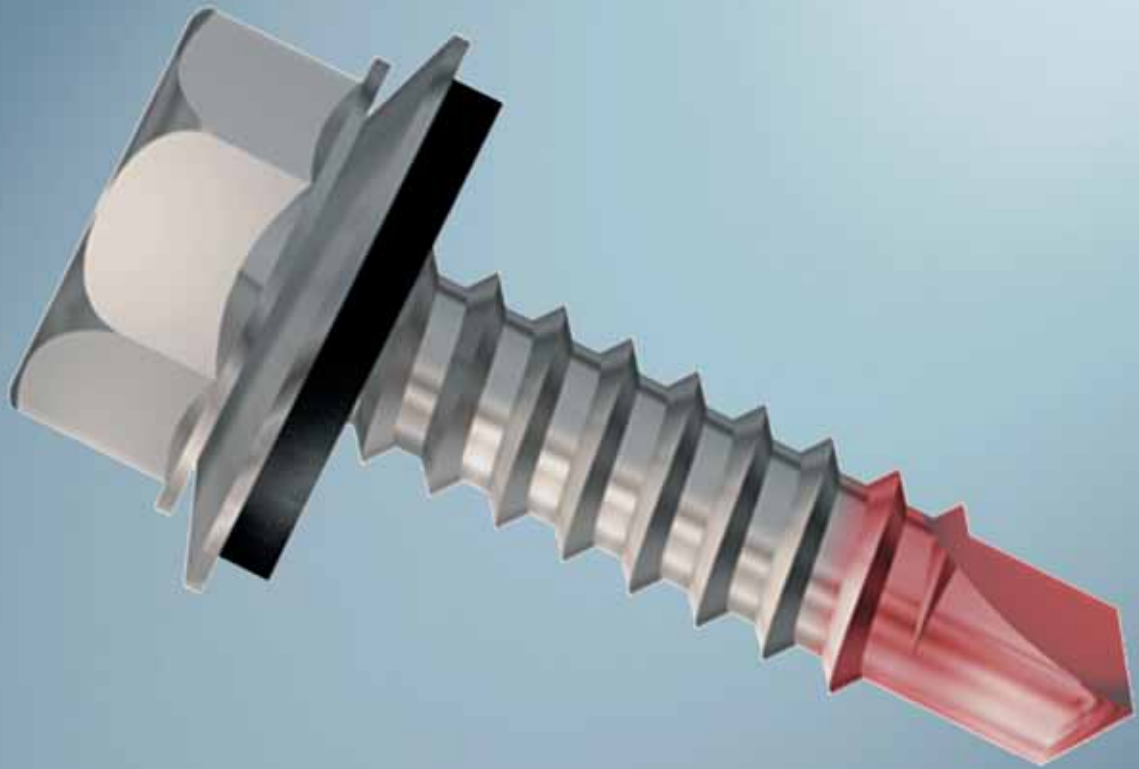
SUPER-SAPHIR JT3



Screw material	A2 stainless steel with hardened drill point
For components made of	steel or aluminium
Building authorities approved	Ü
Max. drill capacity mm	12



The approved and tested products are marked.

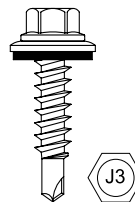


Product range:

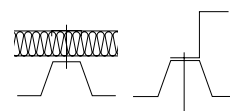
Especially suited for fastening

- profiled sheets with/without intermediate insulation

onto thin-walled steel / aluminium substructures and wood substructures



EJOT® SUPER-SAPHIR self-drilling screw JT3-2-6,0



FEATURES

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

APPROVAL

Z-14.4-426



TECHNICAL DATA

- Drilling capacity $t_1 + t_2$ 1,0+1,0
- Hexagon drive A/F8

Ø mm	Length in mm	Clamping thickness in mm	Packaging unit	Price €/ 100 pieces	Order description
Sealing washer E16/3, Ø 16 mm					
6.0	25	7	500	48.20	JT3-2-6x25-E16/2

Note:

Other dimensions or variants are available in the EJOT Building Fasteners product portfolio.



DEKTITE® Flashings for Cables of Rooftop Solar Installations

The DEKTITE® flashing enable a perfect waterproofing of cable or pipe feed throughs on roof or facade. Through the flexible rubber pleats thermal changes in length of the pipes or sheathing elements are not constricted. Fatigue fractures, which might occur with rigid cable/pipe feed throughs, are impossible with DEKTITE flashings.

Features:

- ❑ Standard dimension for cable bundle or pipe diameters of up to 610 mm
- ❑ Weather resistant through the construction industry proven EPDM
- ❑ Unsusceptible to UV-radiation
- ❑ Adaptable to all roof profiles

Advantages:

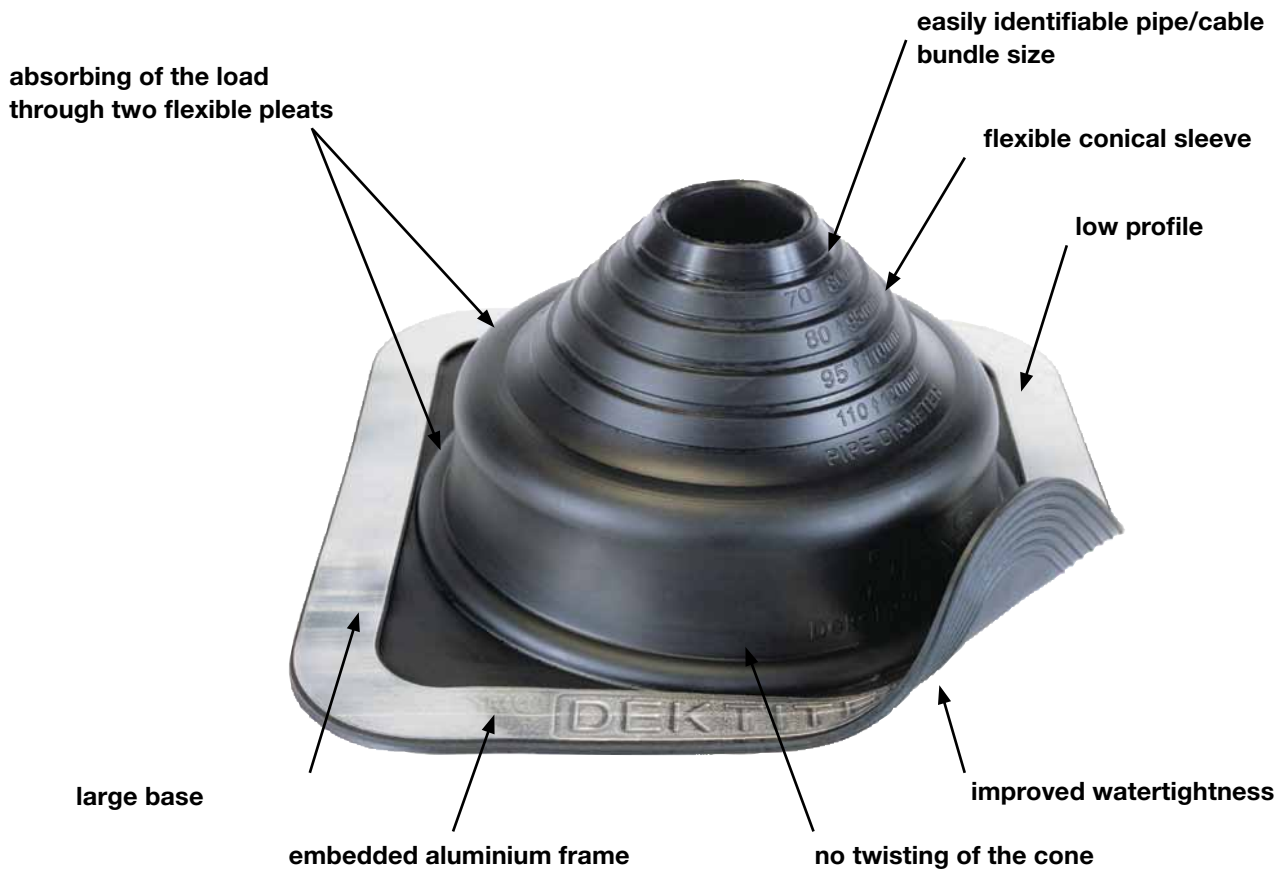
- ❑ Long lifetime
- ❑ Thermal stability: for a short time up to +150° C
continuously up to + 115° C
- ❑ Special solutions for higher temperatures upon request
- ❑ Low-temperature resistance: up to - 50° C
- ❑ Flexible adjustment
 - to different profiles
 - to all pipe materials
 - to pipe and cable bundle diameters up to 610 mm

Note:

When using the DEKTITE® flashing, amongst others, the specifications of the DIN 18807 have to be considered. Pipe/Cable flashing may not be installed in the vicinity of horizontal or longitudinal joints.



Variants:





Product range:

Dektite® Square Flashing

Installation Pack



Especially suited for

- pipe flashing onto metal roofs
- feed through of cable bundle of solar installations on metal roofs

ADVANTAGES:

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

NOTE

Use Bulbtite rivets for corrugated fibre-cement slabs

INCLUDED IN DELIVERY

- 1 flashing
- 1 cartridge of EJOPLAST joint sealant
- 1 EJOT self-drilling screw kit

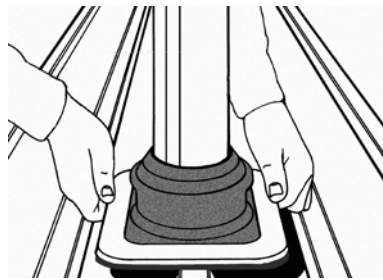
for Ø mm	Base mm	Roof pitch; °	Cartridge content	Drilling-screw content	Packaging unit	Price per piece	Order description
0 - 35	99 x 99	0 - 60	80	8	1	14.20	DFE 0-35
5 - 55	137 x 137	0 - 35	80	8	1	19.30	DFE 5-55
50 - 70	178 x 178	0 - 35	80	12	1	25.80	DFE 50-70
5 - 120	218 x 218	0 - 35	80	16	1	35.60	DFE 5-120
110 - 170	284 x 284	0 - 35	80	20	1	41.20	DFE 110-170
160 - 220	365 x 365	0 - 35	80	28	1	59.40	DFE 160-220
160 - 300	453 x 453	0 - 35	310	32	1	72.40	DFE 160-300
290 - 440	581 x 581	0 - 35	310	40	1	82.20	DFE 290-440



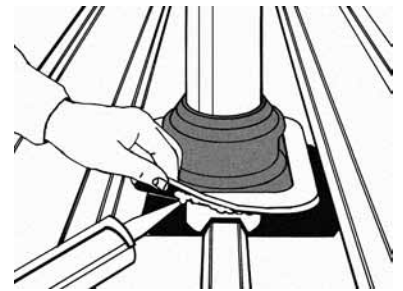
Assembly Instruction



1. Adjust Dektite® to the pipe or cable bundle



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 EJOT self-drilling screws or Bulbtite rivets.

Accessories:

EJOPLAST Joint Sealant

FEATURES

- 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, etc. smooth, non-porous substructures can 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).



Especially suited for

- Sealing the pipe flashing

Content	Colour	Packaging unit	Price per piece	Order description
80	clear	1	4.30	EJOPLAST 80 ml clear
310	white	1	6.30	EJOPLAST 310 ml white
310	grey	1	6.30	EJOPLAST 310 ml grey
310	clear	1	6.30	EJOPLAST 310 ml clear

EJOT® Hand gun



Packaging unit	Price per piece	Order description
1	8.20	Hand Gun

Accessories:

**EJOT®
Hose Clamp**



Especially suited for

- a reliable seal between pipe and pipe flashing

for pipe diameter	Packaging unit	Price per piece	Order description
40 - 60	1	1.80	Hose clamp 40-60
60 - 80	1	1.90	Hose clamp 60-80
70 - 90	1	2.00	Hose clamp 70-90
90 - 110	1	2.10	Hose clamp 90-110
110 - 130	1	2.30	Hose clamp 110-130
130 - 150	1	2.40	Hose clamp 130-150



Assembly of the clamp: Pierce the marking for the clamp or cable tie at the joint, pull through, place around the Dektite® Retrofit and close.

**EJOT®
Universal Hose Clamp**



Especially suited for

- a reliable seal between pipe and pipe flashing

Width	Packaging unit	Price per piece	Order description
-	1	piece / 5,60	Tightener
7	1	m / 2,90	Fastener strap

Order information: clamp consisting of tightener and universal fastener strap length of the universal fastener strap ≥ pipe circumference + 50 mm

FEATURES

- for diameters from 150 mm



Assembly of the fastener strap: Open the hinged screw in the tightener, insert one end of the universal fastener strap through the clamp lock and twist about 15 mm. Place universal fastener strap around Dektite®, insert through the tightener and tighten by hand. Hinge the hinged screw inwards and tighten as far as possible with a screwdriver.



EJOT® Tools and Accessories

Hexagon Driver Bits for EJOT Solar Fastenings



FEATURES

- External hexagon drive as per DIN 3126

TECHNICAL DATA

External hexagon drive 1/4" ≈ 6,3mm

Type and size	Drive	Length in mm	Price per piece	Order description
A/F 4	C	25	3.70	Hexagon A/F 4-1/4"/Cx25
A/F 5	C	25	3.90	Hexagon A/F 5-1/4"/Cx25

Product range:

Precision drill bit HSS

Especially suited for

- Structural steel



Ø mm	Length mm	Rotation speed rpm	Price per piece	Order description
Form S				
4.5	60	900	3.30	S 4,5/60 drill bit
4.5	125	900	4.00	S 4,5/125 drill bit
4.5	175	900	4.90	S 4,5/175 drill bit
5.5	65	750	2.90	S 5,3/65 drill bit
5.5	95	750	2.90	S 5,5/95 drill bit
5.5	125	750	3.40	S 5,5/125 drill bit
5.5	175	750	4.90	S 5,5/175 drill bit
5.5	220	750	5.70	S 5,5/220 drill bit
5.5	250	750	7.60	S 5,5/250 drill bit
5.5	290	750	7.90	S 5,5/290 drill bit
6.8	75	600	4.10	S 6,8/75 drill bit
6.8	175	600	15.50	S 6,8/175 drill bit
6.8	225	600	16.00	S 6,8/225 drill bit
7.0	75	600	7.00	S 7,0/75 drill bit
7.0	125	600	11.90	S 7,0/125 drill bit
7.0	175	600	12.90	S 7,0/175 drill bit
7.0	225	600	13.90	S 7,0/225 drill bit
7.2	75	600	9.80	S 7,2/75 drill bit
7.2	125	600	11.90	S 7,2/125 drill bit
7.2	175	600	13.00	S 7,2/175 drill bit
7.2	225	600	13.90	S 7,2/225 drill bit
7.4	125	600	12.90	S 7,4/125 drill bit
7.4	175	600	12.90	S 7,4/175 drill bit
7.4	225	600	13.90	S 7,4/225 drill bit

ADVANTAGES:

- Special polish to ensure high drilling capacity in case of low drilling pressure
- Short chip flute
- Insensitive to breaking

FEATURES

- Long service life

SDS and SDS-plus Hammer Drill Bit



Ø mm	Length in mm	Effective screw length mm	Total length mm	Price per piece	Order description
10	160	100	160	7.90	SDS 10/160
10	260	200	260	11.60	SDS 10/260
10	360	300	360	16.80	SDS 10/360
10	400	350	400	21.80	SDS 10/400
10	450	-	-	21.10	SDS 10/450

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