



Industrial Lightweight Construction

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

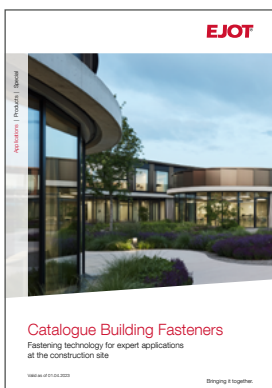
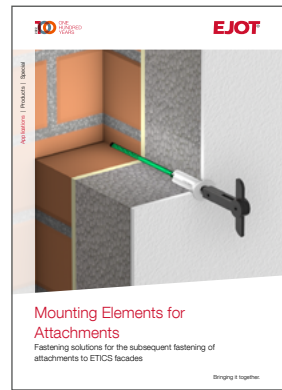
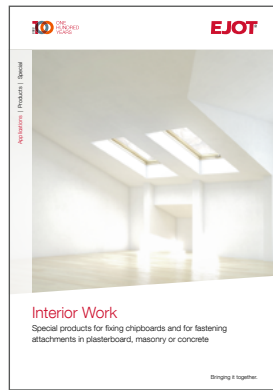
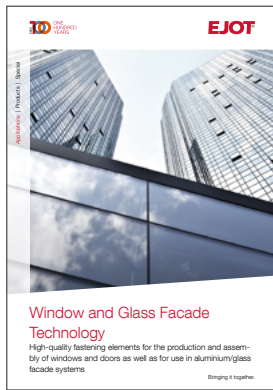
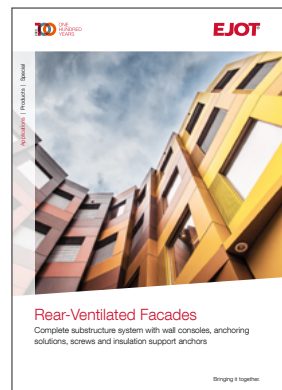
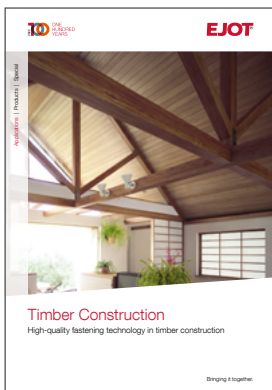
Bringing it together.

At home in many trades

Overview of our catalogues

Whether for professional applications on building facades or for anchoring solutions of technical facilities inside the building – EJOT offers the right fastening solution for every application.

Besides our comprehensive General Catalogue Building Fasteners, we offer you further catalogues on our business fields in addition to the individual catalogue Industrial Lightweight Construction. Unlike the printed general catalogue, the individual catalogues are available exclusively in digital form.



General Catalogue Building Fasteners 2023/2024

You can find the current catalogue online as a PDF version.

You can find a digital overview of our catalogues here:



www.ejot.com/catalogues

Product overview

EJOFAST®

self-drilling screws

JF2 (steel)

JF2-2H-4.8xL 26

JF3 (A2 stainless steel + steel)

JF3-2H-4.8xL 40

JF3-FR-2-5.5xL 41

JF3-Plus-4.9xL 42

JF3-FR-Plus-4.9xL 43

JF3-Plus-6.8xL 44

Self-drilling screws

JT2 (steel)

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JT2-3-4.8xL 28

JT2-2Plus-5.5xL F12 EJOGUARD 29

JT2-6-5.5xL F12 30

JT2-6-6.3xL F12 31

JT2-12-5.5xL F12 32

JT2-18-5.5xL F12 EJOGUARD 33

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JT3-FR-2H-4.8xL 47

JT3-2-4.9xL 48

JT3-FR-2-4.9xL 49

JT3-2H-Plus-5.5xL 50

JT3-FR-2H-Plus-5.5xL 51

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JT3-6-6.3xL 57

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JT3-FR-12-5.5xL 60

JT3-18-5.5xL 61

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JT4-FR-4-5.5xL 75

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JT6-6-5.5xL 78

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Pipe flashings

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Bit

Hexalobular TX 141

Bit holders

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Fastening tools

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Technical abbreviations

Abbreviation	Description	Unit
DC	Drilling capacity	mm
L	Length	mm
Ig	Thread length	mm
SW	Wrench size	mm

Tin tile roof

Description

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

Application

- > Roof overhangs
- > Sheds
- > Carports

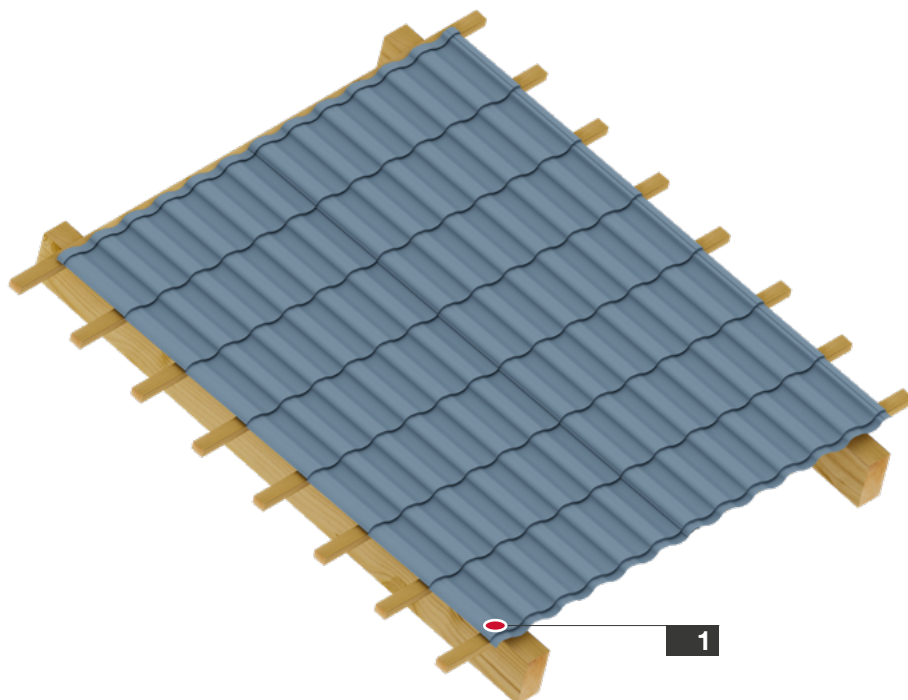
Single-sheet profile roof


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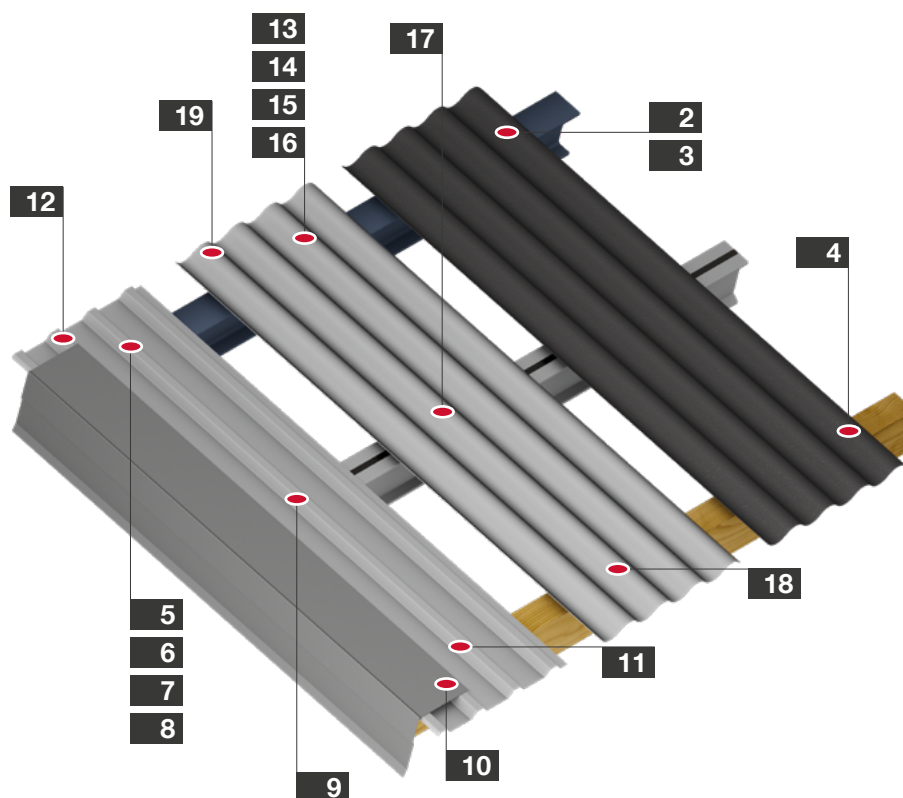
Single-sheet uninsulated profile roof, purlin design. The roof cladding is directly fastened to the purlins and it is weather-exposed.



Application

- > Roof overhangs
- > Sheds
- > Carports



No.	Application	Product	Page
1	 Roofing sheet to timber substructure	Self-drilling screw JF3-Plus-4.9x35 E14	42



No.	Application	Product	Page	No.	Application	Product	Page
2	 Fibre cement board to 1.5–5.0 mm steel purlin	Self-drilling screw JT2-FZ-6-6.3	34	11	 Trapezoidal profile to timber purlin min. width 60 mm	Self-drilling screw JF3-plus -6.8xL-E16 + ORKAN storm washer	44
3	 Fibre cement board to 4.0–12.0 mm steel purlin	Self-drilling screw JT2-FZ-12-6.3	32	12	 Side lap stitching of trapezoidal profile ≤ 2 x 0.88 mm	Self-drilling screw JF3-2H-4.8x19-E14	40
4	 Fibre cement board to timber purlin min. width 65 mm	Self-drilling screw JT2-FZ-F-6.5	36	13	 Corrugated profile sheet to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-6-5.5xL-E16 + ORKAN storm washer	54
5	 Trapezoidal profile to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-6-5.5xL-E16 + ORKAN storm washer	54	14	 Corrugated profile sheet to 4.0–10.0 mm steel purlin	Self-drilling screw JT3-12-5.5xL-E16 + ORKAN storm washer	58
6	 Trapezoidal profile to 4.0–10.0 mm steel purlin	Self-drilling screw JT3-12-5.5xL-E16 + ORKAN storm washer	58	15	 Corrugated profile sheet to 4.0–16.0 mm steel purlin	Self-drilling screw JT3-18-5.5xL-E16 + ORKAN storm washer	61
7	 Trapezoidal profile to 4.0–16.0 mm steel purlin	Self-drilling screw JT3-18-5.5xL-E16 + ORKAN storm washer	61	16	 Corrugated profile sheet to steel purlin ≥ 1.5 mm	Self-tapping screw JZ5-6.3xL-E16 + ORKAN storm washer	84
8	 Trapezoidal profile to steel purlin ≥ 1.5 mm	Self-tapping screw JZ5-6.3xL-E16 + ORKAN storm washer	84	17	 Corrugated profile sheet to 3.0 mm insertion rail	Self-tapping screw JZ5-6.3xL-E16 + ORKAN storm washer	84
9	 Trapezoidal profile to 3.0 mm insertion rail	Self-tapping screw JZ5-6.3xL-E16 + ORKAN storm washer	84	18	 Corrugated profile sheet to timber purlin min. width 60 mm	Self-drilling screw JF3-plus -6.8xL-E16 + ORKAN storm washer	44
10	 Fastening flashings to trapezoidal profile 2 x 0.88 mm	Self-drilling screw JF3-2H-4.8x19-E14	40	19	 Side lap stitching of corrugated profile sheet	Self-drilling screw JF3-2H-4.8x19-E14	40

Double-sheet profile roof

Description

On the inside, the supporting shell is first fastened to the steel or timber purlins. The exterior roof shell is kept apart through thin-walled spacer profiles. The external roof shell serves for weather protection, the internal load-bearing shell for load bearing.

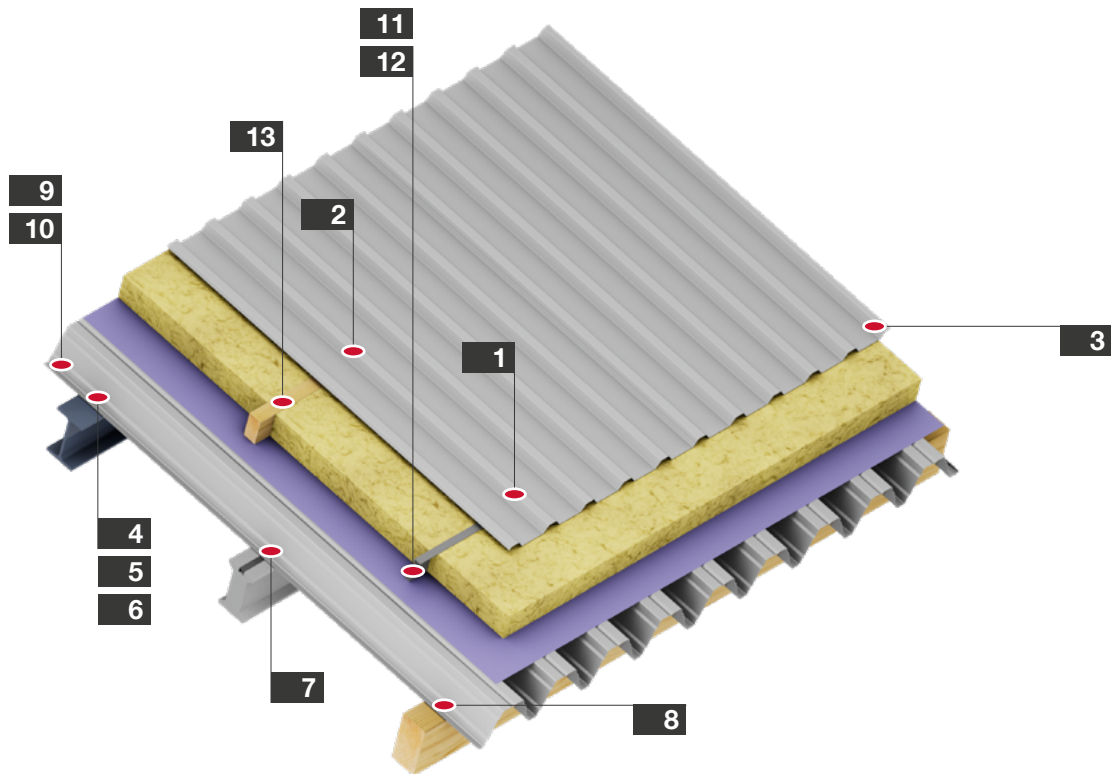
Application








> Heated buildings of all kinds and scope







Determination of the screw lengths

h = height of trapezoidal or corrugated profile, L = screw length, t_{fix} = clamp thickness

Load-bearing shell to steel substructure		Load-bearing shell to insertion rail		Load-bearing shell to Timber substructure		Trapezoidal profile to steel purlin		Trapezoidal profile to timber purlin			
1.5 – 5.0 mm		4.0 – 10.0 mm		3.0 mm		min. width 60 mm		1.5 – 4.0 mm		min. width 60 mm	
JT2-6-5.5x25 F12 V16		JT2-12-5.5x35 F12 V16		JT2-6-5.5x25 F12 V16		JF3-Plus-6.8xL -E16		JT3-6-5.5xL-E16 + ORKAN storm washer		JF3-plus -6.8xL-E16 + ORKAN storm washer	
t_{fix} [mm]	L [mm]	t_{fix} [mm]	L [mm]	t_{fix} [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
0–10	25	0–10	35	0–10	25	-	40	-	-	-	-
-	-	-	-	-	-	-	60	-	-	-	-
-	-	-	-	-	-	-	80	20–40	70	0–30	80
-	-	-	-	-	-	-	-	40–60	90	20–50	100
-	-	-	-	-	-	-	-	60–80	110	40–70	120
-	-	-	-	-	-	-	-	80–100	130	60–90	140
-	-	-	-	-	-	-	-	100–120	150	80–110	160
-	-	-	-	-	-	-	-	120–140	170	100–130	180
-	-	-	-	-	-	-	-	140–160	190	120–150	200
-	-	-	-	-	-	-	-	-	-	140–170	220
-	-	-	-	-	-	-	-	-	-	160–190	240
-	-	-	-	-	-	-	-	-	-	180–210	260
-	-	-	-	-	-	-	-	-	-	200–230	280
-	-	-	-	-	-	-	-	-	-	220–250	300



No.	Application	Product	Page
1	 Trapezoidal profile to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-6-5.5xL-E16 + ORKAN storm washer	54
2	 Trapezoidal profile to timber purlin min. width 60 mm	Self-drilling screw JF3-plus -6.8xL-E16 + ORKAN storm washer	44
3	 Side lap stitching trapezoidal profile ≤ 2 x 0.88 mm	Self-drilling screw JF3-2H-4.8x19-E14	40
4	 Load-bearing shell to 1.5–4.0 mm steel purlin	Self-drilling screw JT2-6-5.5x25 F12 V16	30
5	 Load-bearing shell to 4.0–10.0 mm steel purlin	Self-drilling screw JT2-12-5.5x40 F12 V16	32
6	 Load-bearing shell to steel purlin ≥ 6.0 mm	Powder-actuated fastener HSBR-14	80
7	 Load-bearing shell to 3.0 mm insertion rail	Self-drilling screw JT2-6-5.5x25 F12 V16	30

No.	Application	Product	Page
8	 Load-bearing shell to timber purlin min. width 60 mm	Self-drilling screw JF3-Plus-6.8xL -E16	44
9	 Side lap stitching of load-bearing shell ≤ 2 x 0.88 mm	Self-drilling screw JF2-2H-4.8x19	26
10	 Side lap stitching of load-bearing shell 2 x 1.0–2 x 1.5 mm	Self-drilling screw JT2-3-4.8x19	28
11	 Steel spacer 1.5–2.0 mm to load-bearing shell	Self-drilling screw JT2-2H-Plus-5.5x25 F12 V16	27
12	 Steel spacer profile > 1.5 mm to supporting shell	Folding blind rivet ECORIV Alu 5.2xL	112
13	 Wooden spacer to load-bearing shell	Self-drilling screw JT3-ST-2-6.0xL	66

Double-sheet roof with seam or clamping profile

Description

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

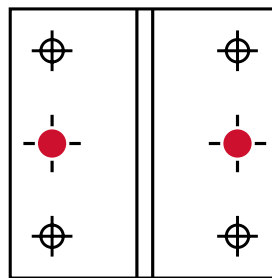
Note

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

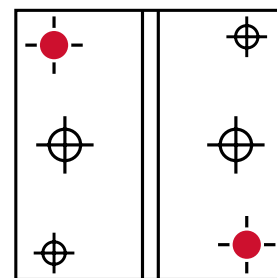
Application

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

Position of the fastening elements



Set-up 1 (sealing washers must be used)

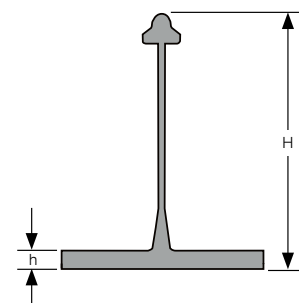


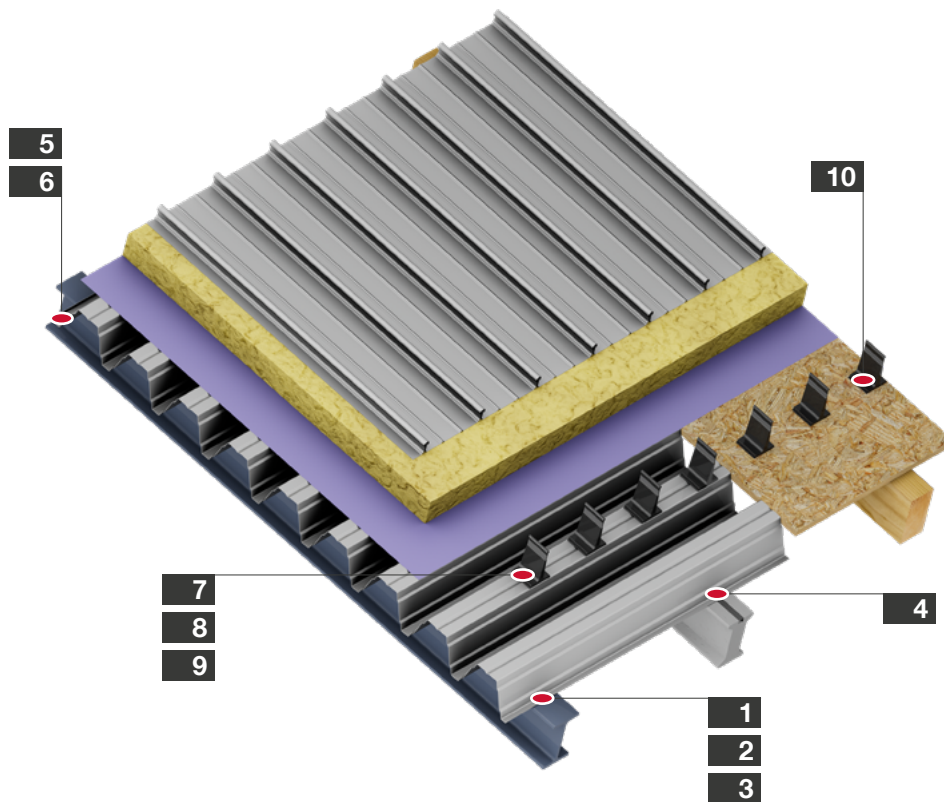
Set-up 2






Determination of the screw lengths






h = dedendum of the clip, L = screw length

Clip to steel substructure				Clip to roof boarding / OSB boards			
JF3-2-5.5xL-E16		JT3-X-2-6.0xL		JT3-6-5.5xL-E16		JT3-X-2-6.0xL	
h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
0-10	35	0-10	25	0-5	25	0-5	36
-	-	0-20	36	0-10	30	0-15	46
-	-	0-30	46	0-15	35	-	-
-	-	-	-	20-30	50	-	-





No.	Application	Product	Page
1	 Load-bearing shell to 1.5–4.0 mm steel purlin	Self-drilling screw JT2-6-5.5x25 F12 V16	30
2	 Load-bearing shell to 4.0–10.0 mm steel purlin	Self-drilling screw JT2-12-5.5x40 F12 V16	32
3	 Load-bearing shell to steel purlin ≥ 6.0 mm	Powder-actuated fastener HSBR-14	80
4	 Load-bearing shell to 3.0 mm insertion rail	Self-drilling screw JT2-6-5.5x25 F12 V16	30
5	 Side lap stitching of load-bearing shell $\leq 2 \times 0.88$ mm	Self-drilling screw JF2-2H-4.8x19	26

No.	Application	Product	Page
6	 Side lap stitching of load-bearing shell $2 \times 1.0 - 2 \times 1.5$ mm	Self-drilling screw JT2-3-4.8x19	28
7	 Clip to spacer ≤ 1.5 mm	Self-drilling screw JT3-X-2-6.0xL	67
8	 Clip to milled system rail ≤ 1.5 mm	Self-drilling screw JT3-X-2-6.0xL	67
9	 Clip to trapezoidal profile $\leq 2 \times 1.0$ mm	Self-drilling screw JF3-2-5.5xL-E16	40
10	 Clip to roof boarding / OSB	Self-drilling screw JT3-X-2-6.0xL	67

Sandwich panel roof

Description

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

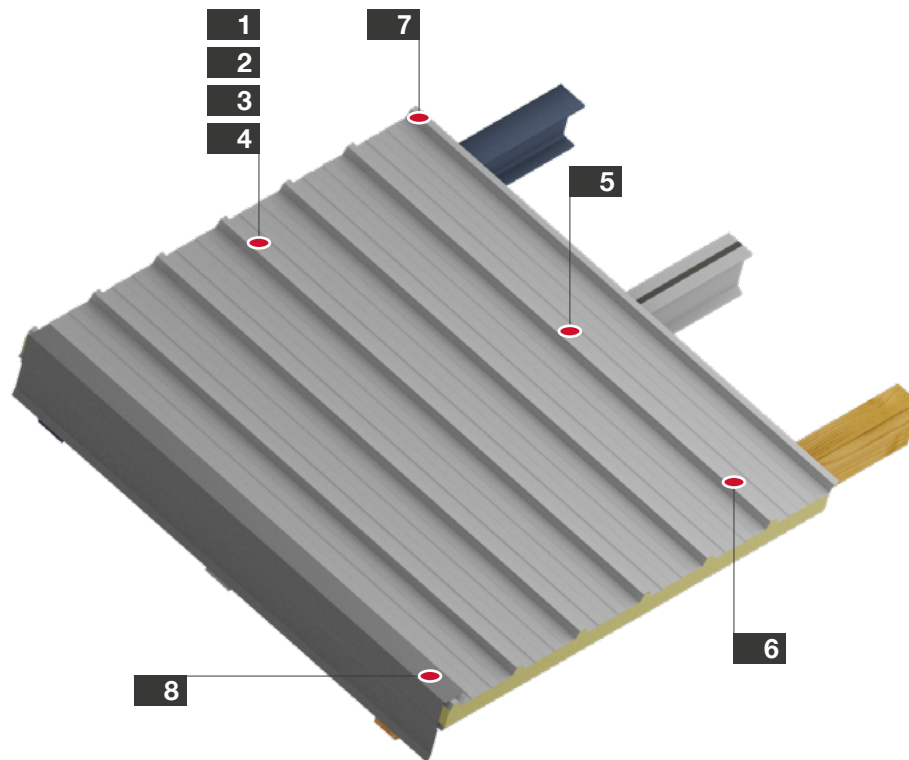
Application





> Heated buildings of all kind and scope





Determination of the screw lengths

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

Sandwich panel to steel substructure						Sandwich panel to insertion rail		Sandwich panel to Timber substructure			
≥ 1.5 mm		1.5–4.0 mm		4.0–10.0 mm		4.0–16.0 mm		3.0 mm		min. width 60 mm	
JZ5-6.3xL-E16 + ORKAN storm washer		JT3-6-5.5xL-E16 + ORKAN storm washer		JT3-12-5.5xL-E16 + ORKAN storm washer		JT3-18-5.5xL-E16 + ORKAN storm washer		JZ5-6.3xL-E16 + ORKAN storm washer		JF3-Plus-6.8xL-E16 + ORKAN storm washer	
h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
40	53	-	-	-	-	-	-	27–37	53	-	65
40	63	-	-	-	-	-	-	37–47	63	-	80
40–55	83	20–40	70	20–40	78	-	-	57–67	83	20–45	100
40–70	93	40–60	90	40–60	98	40–60	115	67–77	93	40–65	120
40–80	103	60–80	110	60–80	118	80–100	155	77–87	103	60–85	140
50–95	113	80–100	130	80–100	138	120–140	195	87–97	113	80–105	160
60–105	123	100–120	150	100–120	158	160–180	235	97–107	123	100–125	180
70–115	133	120–140	170	120–140	178	200–220	275	107–117	133	120–145	200
80–125	143	140–160	190	140–160	198	-	-	117–127	143	140–165	220
90–135	153	-	-	-	-	-	-	127–137	153	160–185	240
100–145	163	-	-	-	-	-	-	137–147	163	180–205	260
120–165	183	-	-	-	-	-	-	157–167	183	200–225	280
140–185	203	-	-	-	-	-	-	177–187	203	220–245	300
160–205	223	-	-	-	-	-	-	-	-	-	-
180–225	243	-	-	-	-	-	-	-	-	-	-
200–245	263	-	-	-	-	-	-	-	-	-	-



No.	Application	Product	Page
1	 Sandwich panel to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-6-5.5xL-E16 + ORKAN storm washer	54
2	 Sandwich panel to 4.0–10.0 mm steel purlin	Self-drilling screw JT3-12-5.5xL-E16 + ORKAN storm washer	58
3	 Sandwich panel to 4.0–16.0 mm steel purlin	Self-drilling screw JT3-18-5.5xL-E16 + ORKAN storm washer	61
4	 Sandwich panel to steel purlin ≥ 1.5 mm	Self-tapping screw JZ5-6.3xL-E16 + ORKAN storm washer	84

No.	Application	Product	Page
5	 Sandwich panel to insertion rail 3.0 mm	Self-tapping screw JZ5-6.3xL-E16 + ORKAN storm washer	84
6	 Sandwich panel to timber purlin min. width 60 mm	Self-drilling screw JF3-plus -6.8xL + ORKAN storm washer	44
7	 Side lap stitching of sandwich panel	Self-drilling screw JF3-2H-4.8x19-E14	40
8	 Fastening flashing to sandwich panel	Self-drilling screw JF3-2H-4.8x19-E14	40

Profiled wall with cassette structure

Description

The cassette is directly fastened to steel supports. The outer sheet is fastened to the cassette bars and does not only serve as weather protection but also as bracing for the cassettes. The cassette system walls serve as noise and fire protection.

Application

- > Heated buildings
- > Buildings with high noise level
- > Buildings with increased demands on fire protection
- > Buildings with process heat

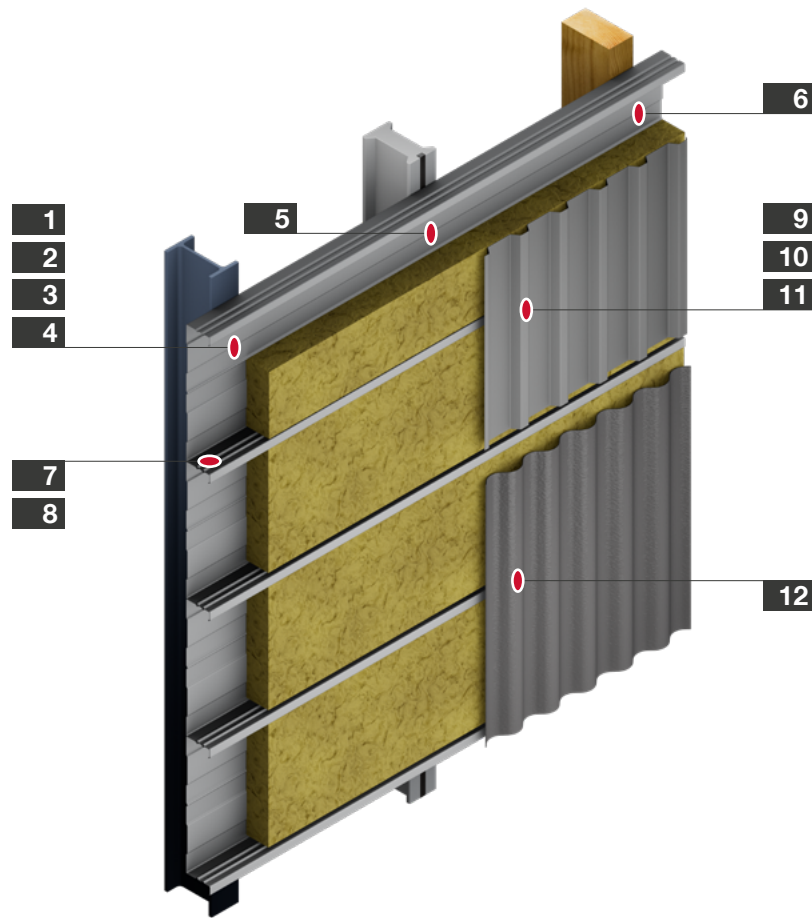
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





The fastening elements may be mounted at a maximum distance of 75 mm from the cassette bars. The fastener in the middle of the cassette does not serve for load transmission, but is merely of a structural character.







The closer the longitudinal seam screws are positioned to the valley, the more effectively condensation problems can be prevented in advance.

The corrugation bridges are not a positioning aid for the side lap stitching of cassettes.

The approval of the fasteners for cassette wall structures includes a connection in which component II consists of two overlapping profiled sheets. This leads to an improved load-bearing capacity.



No.	Application	Product	Page
1	 Cassette to 1.5–4.0 mm steel purlin	Self-drilling screw JT2-6-5.5x25 F12 V16	30
2	 Cassette to 4.0–10.0 mm steel purlin	Self-drilling screw JT2-12-5.5x40 F12 V16	32
3	 Cassette to 4.0–16.0 mm steel purlin	Self-drilling screw JT2-18-5.5x40 F12 V16	33
4	 Cassette to steel purlin ≥ 6.0 mm	Powder-actuated fastener HSBR-14	80
5	 Cassette to 3.0 mm insertion rail	Self-drilling screw JT2-6-5.5x25 F12 V16	30
6	 Cassette to timber purlin min. width 60 mm	Self-drilling screw JF3 Plus-6.8xL-E16	44

No.	Application	Product	Page
7	 Cassette side lap stitching ≤ 2 x 0.88 mm	Self-drilling screw JF2-2H-4.8x19	26
8	 Cassette side lap stitching 2 x 1.0–2 x 1.5 mm	Self-drilling screw JT2-3-4.8x19	28
9	 Trapezoidal profile to 2 x 0.63–2 x 1.25 mm cassette	Self-drilling screw JT3-2H-Plus-5.5xL-E16	50
10	 Trapezoidal and top-hat profile on 40 mm insulated cassette	Self-drilling screw JT3-2H-40-6.0/6.0x64 -E16	69
11	 Trapezoidal and top-hat profile on 80 mm insulated cassette	Self-drilling screw JT3-2H-80-6.0/6.0x64 -E16	69
12	 Corrugated profile sheet to 2 x 0.63–2 x 1.25 mm cassette	Self-drilling screw JT3-FR-2H-Plus-5.5xL-E11	51

Wall with sandwich panels

Description

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

In the case of non-visible fastening, the proof of usability (approval) of the sandwich elements must be taken into account when selecting the screws.

Application

> Heated buildings of all sizes and scope

Note

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

With a deep control oriented fastening, dent formation can be reduced.

| see page 136, Cordless screwdriver ASCS 6.3 Select

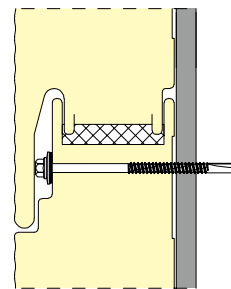


Fig. 1
Not visible sandwich panel installation

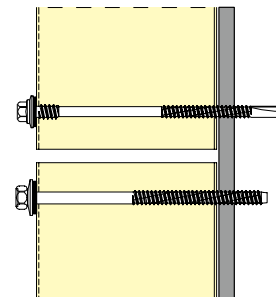
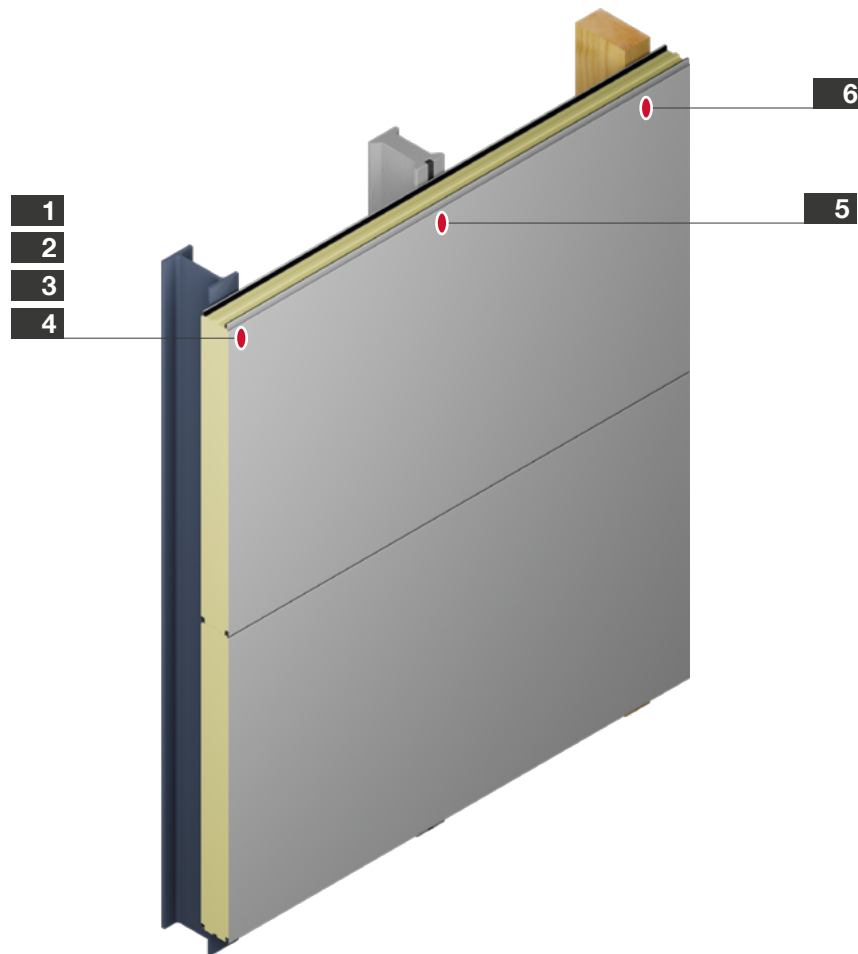





Fig. 2
Visible sandwich panel installation




Determination of the screw lengths

h = height sandwich panel, L = screw length

Sandwich panel to steel substructure								Sandwich panels to insertion rail		Sandwich panel to Timber substructure	
≥ 1.5 mm		1.5–4.0 mm		4.0–10.0 mm		4.0–16.0 mm		3.0 mm		min. width 60 mm	
JZ5-6.3xL-E19		JT3-D-6H-5.5/6.3xL-E19		JT3-D-12H-5.5/6.3xL-E19		JT3-18-5.5xL-E19		JZ5-6.3xL-E19		JF3-Plus-6.8xL-E19	
h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]	h [mm]	L [mm]
0–30	50	-	-	40–42	75	-	-	25–33	50	-	-
3–44	64	35–40	67	50–62	95	-	-	39–47	64	20–45	100
19–60	80	42–60	87	60–82	115	40–60	115	55–63	80	40–65	120
29–70	90	52–80	107	75–102	135	80–100	155	65–73	90	60–85	140
39–80	100	72–100	127	95–122	155	120–140	195	75–83	100	80–105	160
54–95	115	92–120	147	115–142	175	160–180	235	90–98	115	100–125	180
64–105	125	112–140	167	135–162	195	200–220	275	100–108	125	120–145	200
74–115	135	140–170	197	145–182	215	-	-	110–118	135	140–165	220
89–130	150	170–210	237	175–212	245	-	-	125–133	150	160–185	240
114–155	175	200–240	267	205–242	275	-	-	150–158	175	180–225	280
139–180	200	-	-	235–272	300	-	-	175–183	200	220–245	300



No.	Application	Product	Page
1	 Sandwich panel to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-D-6H-5.5/6.3xL-E19	62
2	 Sandwich panel to 3.0–12.0 mm steel purlin	Self-drilling screw JT3-D-12H-5.5/6.3xL-E19	64
3	 Sandwich panel to 4.0–16.0 mm steel purlin	Self-drilling screw JT3-18-5.5xL-E19	61

No.	Application	Product	Page
4	 Sandwich panel to steel purlin ≥ 1.5 mm	Self-tapping screw JZ5-6.3xL-E19	84
5	 Sandwich panel to insertion rail 3.0 mm	Self-tapping screw JZ5-6.3xL-E19	84
6	 Sandwich panel to timber purlin min. width 60 mm	Self-drilling screw JF3 Plus-6.8xL-E19	44

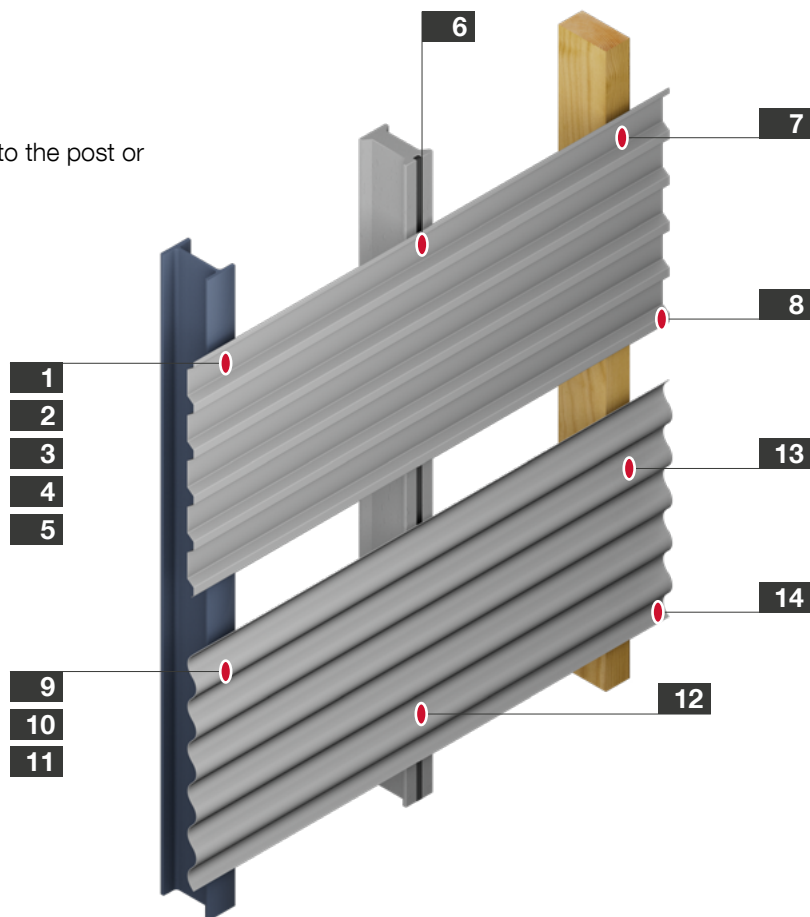
Single-sheet profiled wall















Description

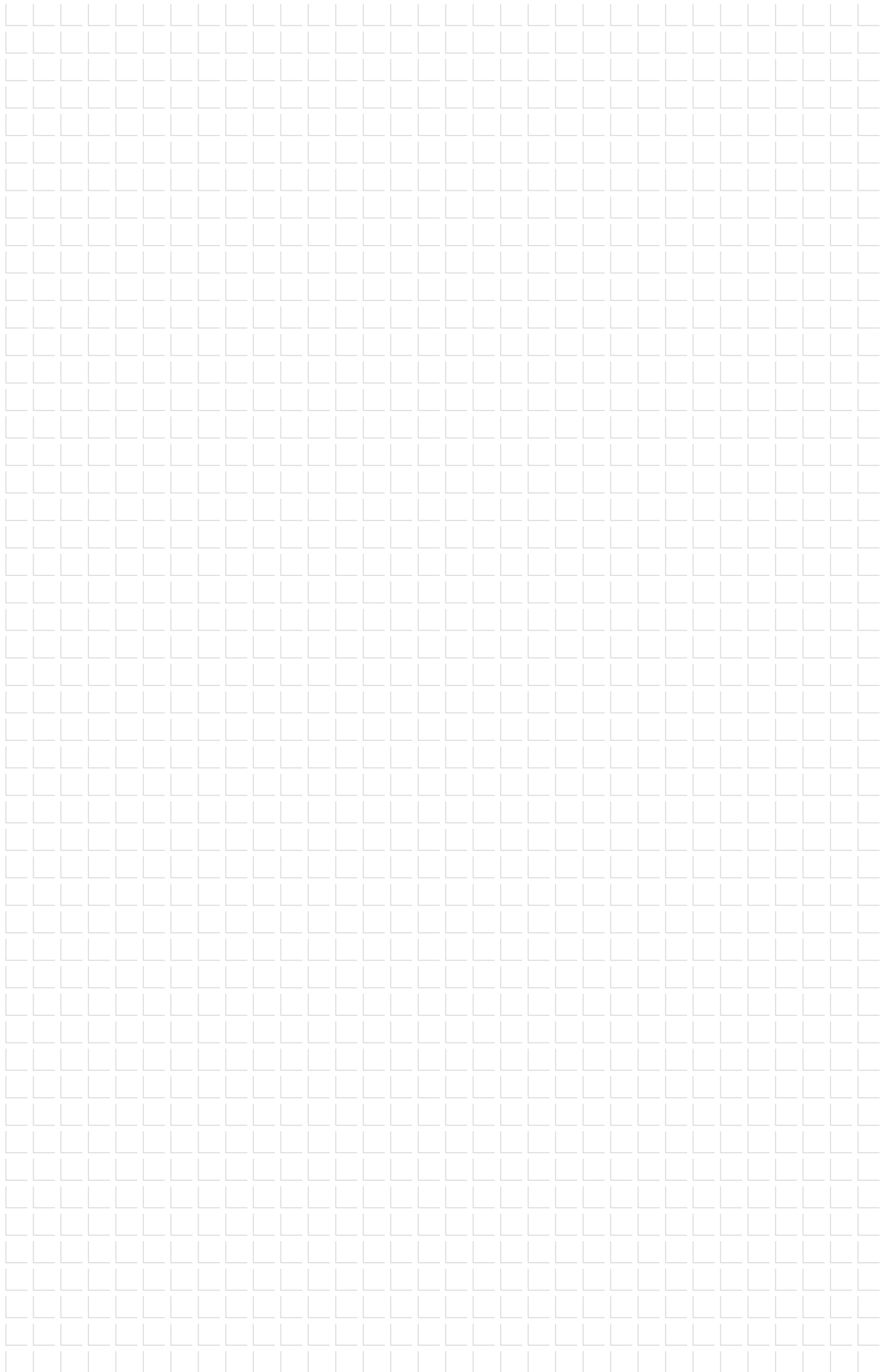
The profiled sheet is directly fastened to the post or rail and it is weather-exposed.

Application

- > Simple sheds
- > Carports
- > Bicycle sheds



No.	Application	Product	Page	No.	Application	Product	Page
1	 Trapezoidal profile to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-6-5.5xL-E16	54	8	 Side lap stitching of trapezoidal profile $\leq 2 \times 0.88$ mm	Self-drilling screw JF3-2H-4.8x19-E14	40
2	 Trapezoidal profile to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-6-5.5xL-E16	54	9	 Corrugated aluminium profile sheet to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-FR-6-5.5xL-E11	56
3	 Trapezoidal profile to 4.0–10.0 mm steel purlin	Self-drilling screw JT3-12-5.5xL-E16	58	10	 Corrugated aluminium profile sheet to 1.5–4.0 mm steel purlin	Self-drilling screw JT3-FR-6-5.5xL-E11	56
4	 Trapezoidal profile to 4.0–16.0 mm steel purlin	Self-drilling screw JT3-18-5.5xL-E16	61	11	 Corrugated aluminium profile sheet to 4.0–10.0 mm steel purlin	Self-drilling screw JT3-FR-12-5.5xL-E11	60
5	 Trapezoidal profile to steel purlin ≥ 1.5 mm	Self-tapping screw JZ5-6.3xL-E16	84	12	 Corrugated aluminium profile sheet to 3.0 mm insertion rail	Self-drilling screw JT3-FR-6-5.5x25-E11	56
6	 Trapezoidal profile to 3.0 mm insertion rail	Self-drilling screw JT3-6-5.5x25 E16	54	13	 Corrugated aluminium profile sheet to timber purlin min. width 40 mm	Self-drilling screw JF3-FR-Plus-4.9x35 E11	43
7	 Trapezoidal profile to timber purlin min. width 60 mm	Self-drilling screw JF3-Plus-6.8xL -E16	44	14	 Side lap stitching of corrugated aluminium profile sheet $\leq 2 \times 0.88$ mm	Self-drilling screw JT3-FR-2H-4.8-E11	47

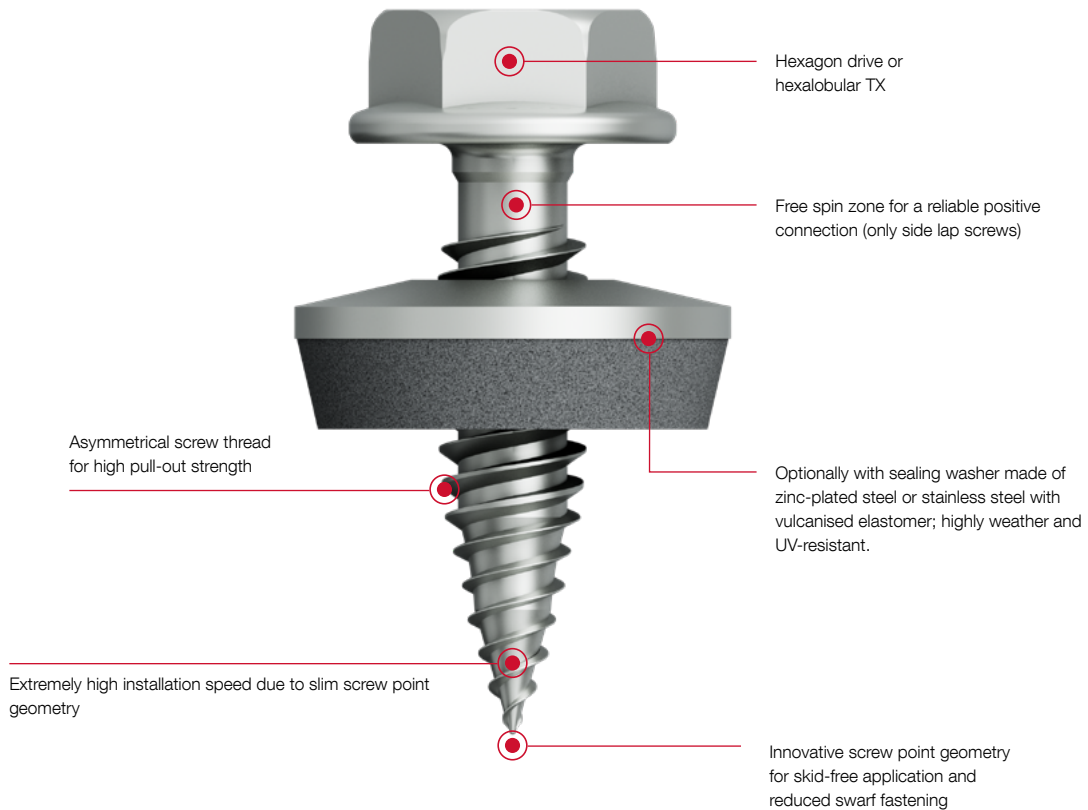


EJOFAST® self-drilling screws







Clever & Clean. Our strongest, cleanest and safest self-drilling screw.

The new EJOFAST® Plus self-drilling screws, with their concave and particularly slender tip, enable significantly safer placement on the surface and a high screwing speed. Displacement or slipping is almost impossible. At the same time, the load-bearing capacity values were improved once again.

The slim, single-fluted drill tip products no sharp-edged chips that get stuck in the material and require time-consuming removal.



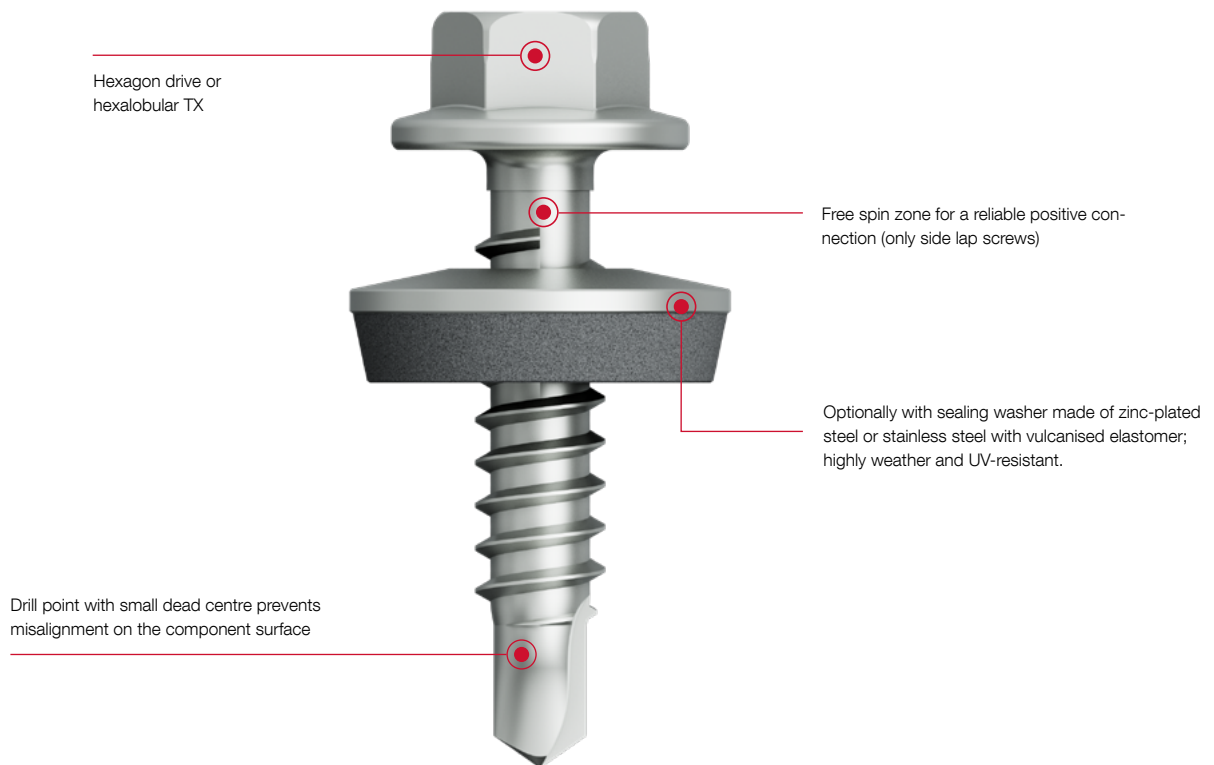
Product overview EJOFAST® self-drilling screws

	JF2-2-4.2	JF2-2H-4.8	JF3-2H-4.8	JF3-2-5.5	JF3-Plus-4.9	JF3-Plus-6.8
Self-drilling screws with innovative point geometry						
Material	Steel Case-hardened steel, protected against corrosion	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 screws

The classic drill point with cutting bit.

The self-drilling EJOT screws feature a classic cutting bit. 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 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	

Self-drilling screw selection

Drilling capacity and required clamp thickness have to be specified

Determination of the screw length of self-drilling screws

The clamp thickness t_{fix} is the area of a self-drilling screw which can be used to connect two components. The components are clamped in this area (absorption and transfer of forces and loads in accordance with the respective technical approvals and assessments).

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

Therefore:

- > The first thread turns of a self-drilling screw are **not** suitable for clamping.
- > With bi-met screws (JF3/JF6, JT3/JT6) the drill point and the first thread turns are made of one hardened steel part. This part is used exclusively for the assembly process of the screw and must **not** be used for clamping.
- > The clamping thicknesses of the self-drilling screws can be found in the tables on the product-specific pages.
- > Cutting off the drill points is not permitted!

The required clamping thickness of a self-drilling screw is calculated from the material thickness of the components to be clamped (Fig. 1). For this, the thicknesses of components I and II, any intermediate layer and additional elements (including sealing washers, storm washers and load distributors) must be added together. It should be noted that the sealing washer thickness for screws with a pre-assembled sealing washer is already taken into account when specifying the clamping thickness.

The component thicknesses from the respective technical approvals and assessments must be observed!

If you have any questions about the selection of the suitable screw length for your application, please contact our application technology department.

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 instance, 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):

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

(Fig. 2)

Drilling capacity for sandwich panel:

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

(Fig. 3)

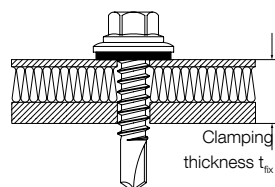


Fig. 1

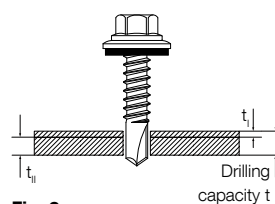


Fig. 2

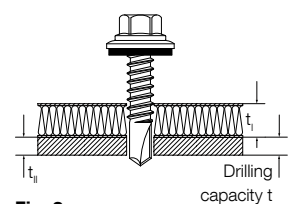
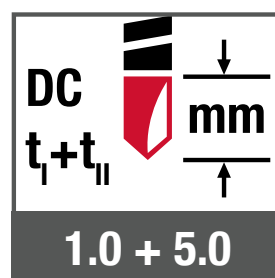
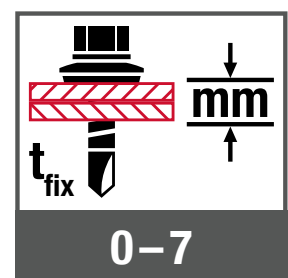


Fig. 3



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



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

Self-drilling screws with free spin zone

Permanently reliable connection of profiled panels

According to the current IFBS assembly guidelines, screws with a so-called free spin zone should be used for side lap stitching of metal profile panels or for attaching flashings.

The free spin zone is a non-threaded area underneath the screw head. This minimises the risk of possible stripping of the sheets, which would result in a loss of load-carrying capacity. In addition, it offers turning-back protection, which prevents unintentional loosening of the screw and thus a loss of tightness of the roof.

Example side lap stitching: Both profiled panels are drilled one after the other and pulled towards the screw head. During this process, the sheets "lock"; this means a gap is created between component I and component II. If screws without free spin zone are used, the first sheet may be stripped when trying to pull the two sheets together. It is also possible to strip the second sheet if the screw is rotated further; this would considerably reduce the load-carrying capacity of the connection. If screws with a free spin zone are used instead, both sheets will be positioned neatly under the screw head after assembly.

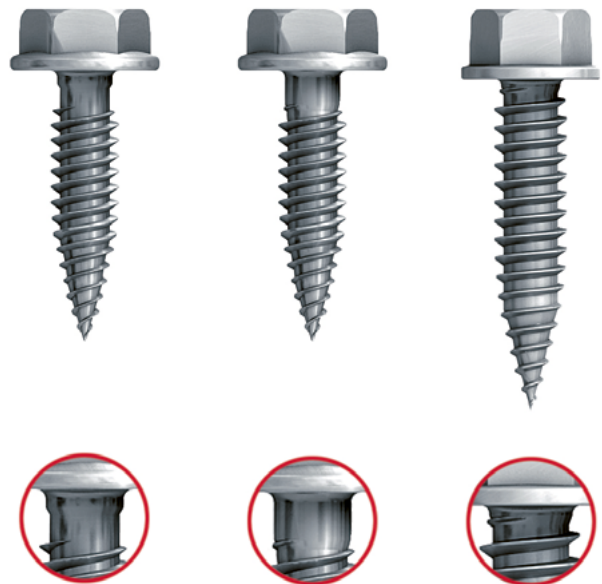
Maximum protection due to special shape of the free spin zone

On industrial roofs, the profiled panels of the cover shell are exposed to particularly strong weather influences. Due to the interplay of heat and cold, the sheets experience a strong linear expansion. This can lead to loosening of the side lap stitching if the screws are forced out of the sheets over time. The consequence: possible damage due to the side laps opening up and moisture penetration. Therefore, EJOT recommends to use screws with a special shape of the free spin zone, such as the side lap screw EJOFAST® JF3-2H-4.8.

Important: This is a geometric change in the fastener shank diameter, in which the shank is smaller than or equal to the thread core diameter. This special shape of the free spin zone prevents unintended turning back of the screw.

Short-term "tacking" or permanent connection?

What to do when screws are only used for so-called "tacking" and then have to be loosened again? If profiled panels are only to be connected for a short time in order to be able to align them better on the roof, the safety-relevant advantages of a self-drilling screw with free spin zone are not necessary. In this case, screws without free spin zone can be used, such as the EJOFAST® JF3-2-5.5.



Screw EJOFAST® JF3-2H-4.8 with geometrically modified free spin zone according to IFBS assembly guidelines.

Screw with simple non-threaded part.

Screw EJOFAST® JF3-2-5.5 without free spin zone.

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

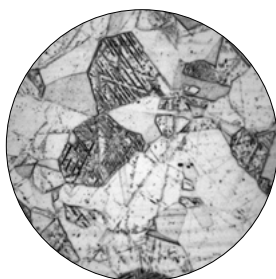
The expression stainless steel comprises steel alloys with a considerably improved corrosion resistance compared to non-alloy steels. A minimum of 10.5% chromium content by mass is typical for these stainless steels 10,5 %. According to the DIN EN ISO 3506, mechanical fasteners can be produced from grade 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.

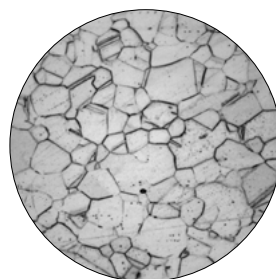


Micrographs

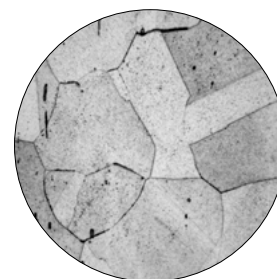
500 times magnification



A2 stainless steel
1.4301



A4 stainless steel
1.4401



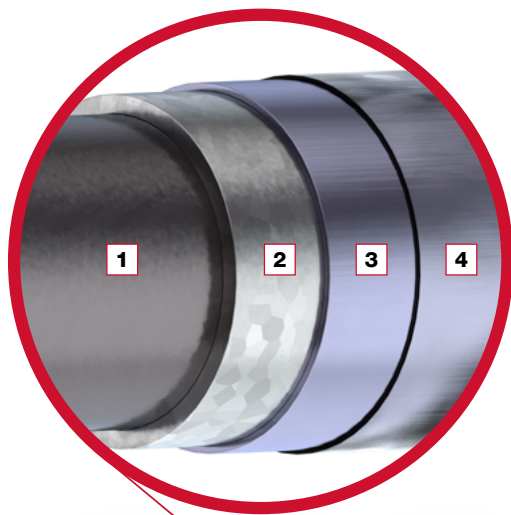
Stainless steel HCR
1.4529

Zinc-plated

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.

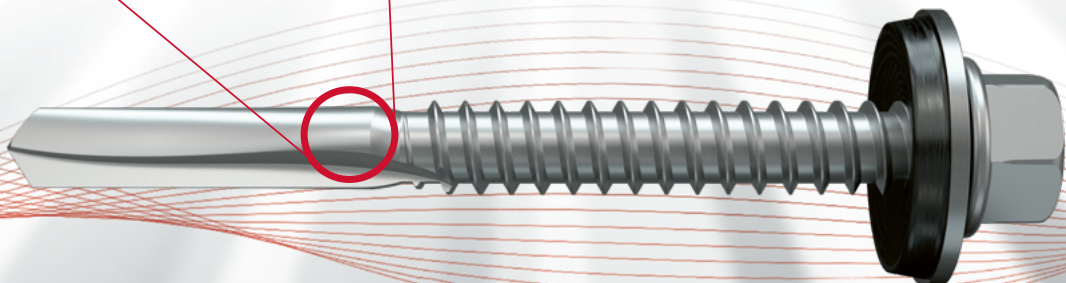
EJOGUARD

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. In Germany, self-drilling screws with EJOGUARD coating can only be used in environments with insignificant corrosion exposure, such as indoors.



Multiple protection EJOGUARD:

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



Advice for screw installation

Installation depth into timber

For trapezoidal profile fastenings, the installation depth into timber is regulated by the respective approval. The minimum installation depth of a 6.8 screw is 27.2 mm. The maximum installation depth, which may still be used mathematically, equals the thread length.

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 is then more or less balanced.

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.

Side lap stitching

If side lap stitching is not regulated any differently, it has to be spaced 500–666 mm apart, according to DIN EN 1090. 500–666 mm apart, according to DIN EN 1090.

A screw spacing of 500 to 600 mm has proven to be very practical. In the water-bearing surface (outdoor area), the screw spacing may only be a maximum of 500 mm according to IFBS.

Note on screw length

For countersunk screws (countersunk heads), the head is added to the screw length. For screws with surface mounted heads the screw length is measured to below the head.

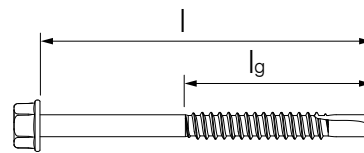


Fig. 1
Hexagon head screw with drill point

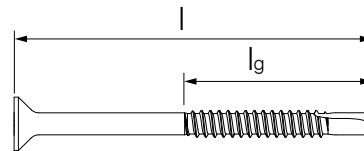


Fig. 2
Countersunk screw with drill point

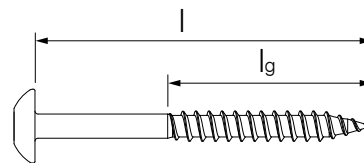


Fig. 3
Truss head screw with JF point

Pent roof, flat roof	Gable roof
<p>Description</p>	<p>Number of fastening screws (pent roof, flat roof)</p> $N_1 = \left(\left(\frac{B}{e} + 3 \right) \cdot \frac{L}{2 \cdot b_R} \right) \text{ or } N = \frac{L \cdot B}{2 \cdot e \cdot b_R} + \frac{3L}{2 \cdot b_R} \cdot 1.2 \cdot N$ <hr/> <p>Number of fastening screws (gable roof)</p> $N_1 = \left(\left(\frac{B}{e} + 5 \right) \cdot \frac{L}{2 \cdot b_R} \right) \text{ or } N = \frac{L \cdot B}{2 \cdot e \cdot b_R} + \frac{5L}{2 \cdot b_R} \cdot 1.2 \cdot N$ <hr/> <p>Number of side lap screws</p> <p>$N_2 = \text{roof or wall area respectively [m}^2\text{]} \cdot 2.2 + (\text{building length [m]} + [\text{building width [m]}]) \cdot 6$</p>

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

To determine the correct screw length, the clamping thickness of the respective screw must be considered. The components are clamped in this area (absorption and transfer of forces and loads in accordance with the respective technical approvals and assessments).

The required clamping thickness of a screw is calculated from the material thickness of the components to be clamped. For this, the thicknesses of components I and II, any intermediate layer and additional elements (including sealing washers, storm washers and load distributors) must be added together.

To determine the screw length, please refer to **pages 20 and 83** and the information in the tables on the product-specific pages.

| see Pages 20 and 83

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 rainwater penetration.

Quantity determination

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.**

The IFBS regulations must be observed.

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 due to incorrect 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. Direct weathering of the drill hole, in which the surface protection layers are perforated by the screwing process, is prevented by the sealing washers. The risk of operation-related, hydrogen-induced brittle fracture is significantly reduced.

Rain-proof connections

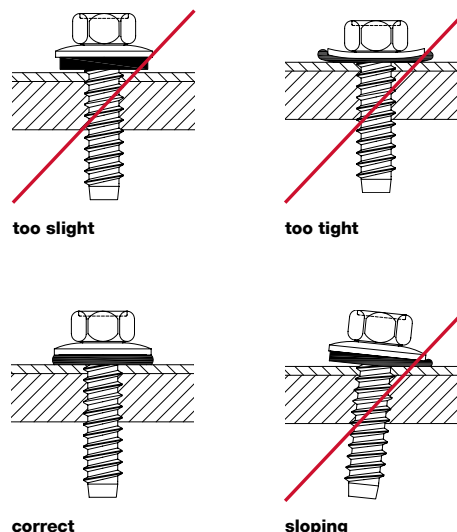
The use of sealing washers facilitates the formation of rain-proof fastening and connection points in lightweight metal construction.

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

Correct installation of sealing washers

Screws with sealing washers must be installed using a depth stop. Impermissible 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.



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

EJOFAST



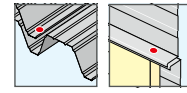
Application range

- > Side lap stitching of profiled steel sheets

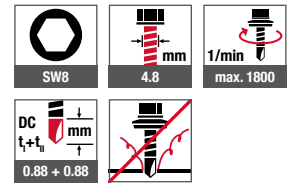
Properties

- > Case-hardened steel, zinc-plated
- > Reduced swarf fastening
- > With free spin zone under screw head for side lap stitching
- > Non-skid application
- > Suitable for installation with the EJOFAST® JF screwdriver

Applications



Technical specifications



Cross references page

Socket wrench insert SW8 140
Cordless screwdriver ASCS 6.3 136



EJOFAST® JF screwdriver
Rental equipment available
Article number G00000070

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
loose						
JF2-2H-4.8x19	19	0–9	1000		7280628601	4061245014524
JF2-2H-4.8x19 VE100	19	0–9	100		6280628601	4061245014890
collated						
JF2-2H-4.8x19 collated	19	0–9	500		3375000000	4061245016573

Self-drilling screw JT2-2H-4.8



Cross references page

Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

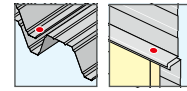
Application range

- > Side lap stitching of profiled steel sheet

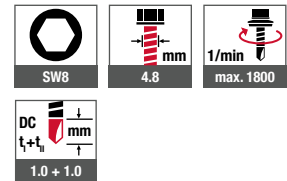
Properties

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

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-2H-4.8x19	19	0-9	1000		3592200644	4061245015569
JT2-2H-4.8x19 VE100	19	0-9	100		6592200644	4061245014777

Self-drilling screw JT2-3-4.8



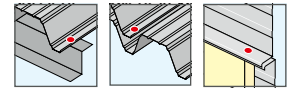
Application range

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

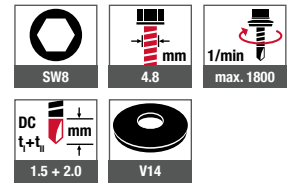
Properties

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

Applications



Technical specifications



Cross references

	page
Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136



EJOFAST® JF screwdriver
Rental equipment available
Article number G00000070

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
loose						
JT2-3-4.8x19	19	0–11	1000		3592200634	4061245015576
JT2-3-4.8x19 VE100	19	0–11	100		6592200634	4061245014784
collated						
JT2-3-4.8x19 collated	19	0–11	500		3365000000	4061245016580
Sealing washer V14, Ø 14 mm						
JT2-3-4.8x19 V14	19	0–9	500		3592251634	4061245036816

Self-drilling screw JT2-2H-Plus-5.5 F12 EJOGUARD



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

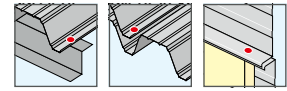
Application range

- > Side lap stitching of profiled steel sheets
- > Fastening profiled steel sheets to 0.4–2.0 mm steel substructure
- > For high-strength steel substructures according to ETA-21/0420

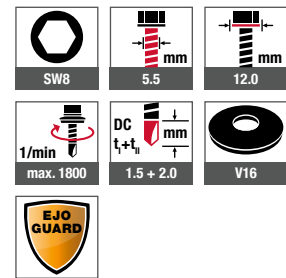
Properties

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

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm						
JT2-2H-Plus-5.5x25 F12 V16 EJOGUARD	25	0–9	500		3592521997	4061245015507

Self-drilling screw JT2-6-5.5 F2



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

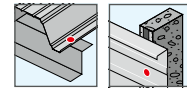
Application range

- > Fastening profiled steel sheets to 1.5–4 mm steel substructure
- > For high-strength steel substructures according to ETA-10/0200

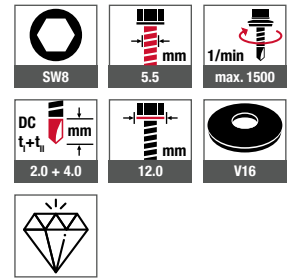
Properties

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

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm						
JT2-6-5.5x22 V16	22	0–7	500		3573321634	4061245015651
JT2-6-5.5x25 V16	25	0–10	500		3573421634	4061245015644
JT2-6-5.5x25 V16 VE100	25	0–10	100		6573421634	4061245014821

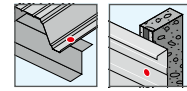
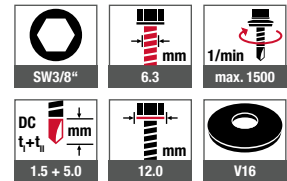
Self-drilling screw JT2-6-6.3 F12

**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 specifications****Cross references** **page**

Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

Certifications**Product online**

Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm						
JT2-6-6.3X22 F12 V16 EJOGUARD	22	0–7	500		3824221997	4061245092942
JT2-6-6.3X25 F12 V16 EJOGUARD	25	0–10	500		3824421997	4061245092515
JT2-6-6.3X25 F12 V16 EJOGUARD VE100	25	0–10	100		6824421997	4061245092959
JT2-6-6.3X32 F12 V16 EJOGUARD	32	0–17	500		3824321997	4061245092522
JT2-6-6.3X38 F12 V16 EJOGUARD	38	0–23	500		3824521997	4061245092539

Self-drilling screw JT2-12-5.5 F12



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

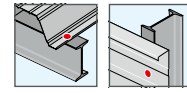
Application range

- > Fastening profiled steel sheets to 4–10 mm steel substructure

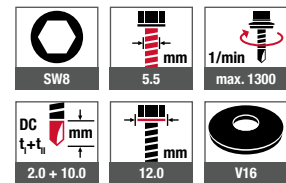
Properties

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

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm						
JT2-12-5.5x35 V16	35	0–10	500		3804521997	4061245014944
JT2-12-5.5x35 V16 VE100	35	0–10	100		6804521997	4061245014562
JT2-12-5.5x50 V16	50	0–25	250		3807121997	4061245014937
JT2-12-5.5x50 V16 VE100	50	0–25	100		6807121997	4061245014548
JT2-12-5.5x65 V16	65	6–40	250		3807521997	4061245014920
JT2-12-5.5x65 V16 VE100	65	6–40	100		6807521997	4061245014531

Self-drilling screw JT2-18-5.5 F12 EJOGUARD



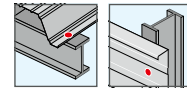
Application range

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

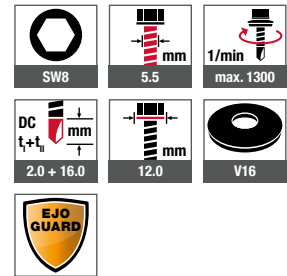
Properties

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

Applications



Technical specifications



Cross references page

Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer V16, Ø 16 mm						
JT2-18-5.5x40 F12 V16 EJOGUARD	40	0–12	500		3914021997	4061245014913

Self-drilling screw JT2-FZ-6-6.3 EJOGUARD



Application range

- > Fastening corrugated fibre cement sheet 177/51 to steel substructure 1.5–5 mm

Properties

- > Case-hardened steel
- > EJOGUARD corrosion protection
- > Fibre cement seal FZD pre-assembled
- > A2 stainless steel washer
- > Screw wings save additional drilling into the corrugated slabs
- > Reduced forcing tension

Note

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

Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

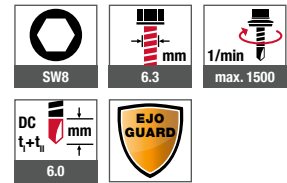
Product online



Applications



Technical specifications



Certifications



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-FZ-6-6.3x110 FZD EJOGUARD	110	100		3512275664	4061245016092

Self-drilling screw JT2-FZ-12-6.3 EJOGUARD



Application range

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

Properties

- > Case-hardened steel
- > EJOGUARD corrosion protection
- > Fibre cement seal FZD pre-assembled
- > A2 stainless steel washer
- > Screw wings save additional drilling into the corrugated slabs
- > Reduced forcing tension

Note

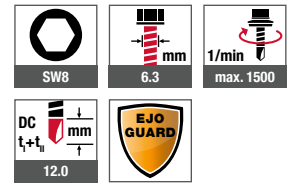
For the dimensioning and the use of fastening materials please note the manufacturer's instructions for use as well as the national approvals.

Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-FZ-12-6.3x115 FZD EJOGUARD	115	100		3512375614	4061245016085

Self-drilling screw JT2-FZ-F-6.5



Application range

- > Fastening corrugated fibre cement sheets to timber substructure

Properties

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

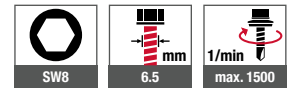
Note

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

Applications



Technical specifications



Certifications



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	126
Long screw support SH2	126
JT4-FZ-6.5x130 FZD	76

Product online



Order description	Length [mm]	Thread length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-FZ-F-6.5x100 FZD EJOGUARD*	100	50	100		3515175608	4061245016078
JT2-FZ-F-6.5x130 FZD EJOGUARD	130	50	100		3515675608	4061245016054

*No approval

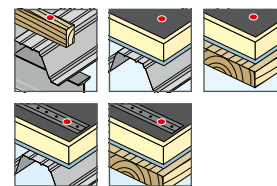
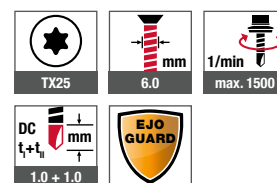
Self-drilling screw JT2-ST-2-6.0 EJOGUARD

**Application range**

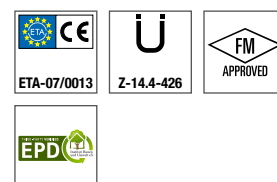
- > Fastening timber components to thin-walled steel substructures
- > Fastening of edge planks
- > To fix roofing membranes and insulating material to substructures made of sheet steel ≥ 0.70 in mm ≤ 1.5 mm, timber or wood-based material in combination with EJOT stress plates

Properties

- > Case-hardened steel
- > EJOGUARD corrosion protection
- > With countersunk head

Applications**Technical specifications**

Cross references	page
Bit hexalobular TX25	141
Bit holder	142
Cordless screwdriver ASCS 6.3	136

Certifications**Product online**

Order description	Length [mm]	Thread length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-ST-2-6.0x40 EJOGUARD	40	40	0–27	500		7282110609	4061245014517
JT2-ST-2-6.0x60 EJOGUARD	60	45	15–47	500		7282119609	4061245014432
JT2-ST-2-6.0x80 EJOGUARD	80	65	15–67	250		7282112609	4061245014500
JT2-ST-2-6.0x100 EJOGUARD	100	65	35–87	250		7282113609	4061245014494
JT2-ST-2-6.0x120 EJOGUARD	120	65	55–107	250		7282114609	4061245014487
JT2-ST-2-6.0x140 EJOGUARD	140	65	75–127	250		7282115609	4061245014470

Further lengths on request



Self-drilling screw JT2-WD-5-5.5



Application range

- > Special screw for fastening wood to steel substructures up to a thickness of 5 mm

Properties

- > Case-hardened steel, zinc-plated
- > The wings widen the drill hole in the wood component to be fastened in order to prevent forced feed. They break off as soon as they touch the steel substructure. This prevents the wood to be fastened from being pushed away from the substructure.

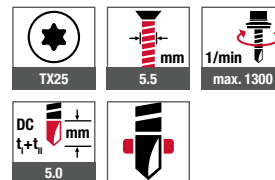
Note

To ensure shearing of the wings, the material thickness of the steel substructure must be at least 2.5 mm. The screw is not suitable for fastening OSB boards.

Applications



Technical specifications



Cross references	page
Bit hexalobular TX25	141
Bit holder	142
Cordless screwdriver	
ASCS 6.3	136



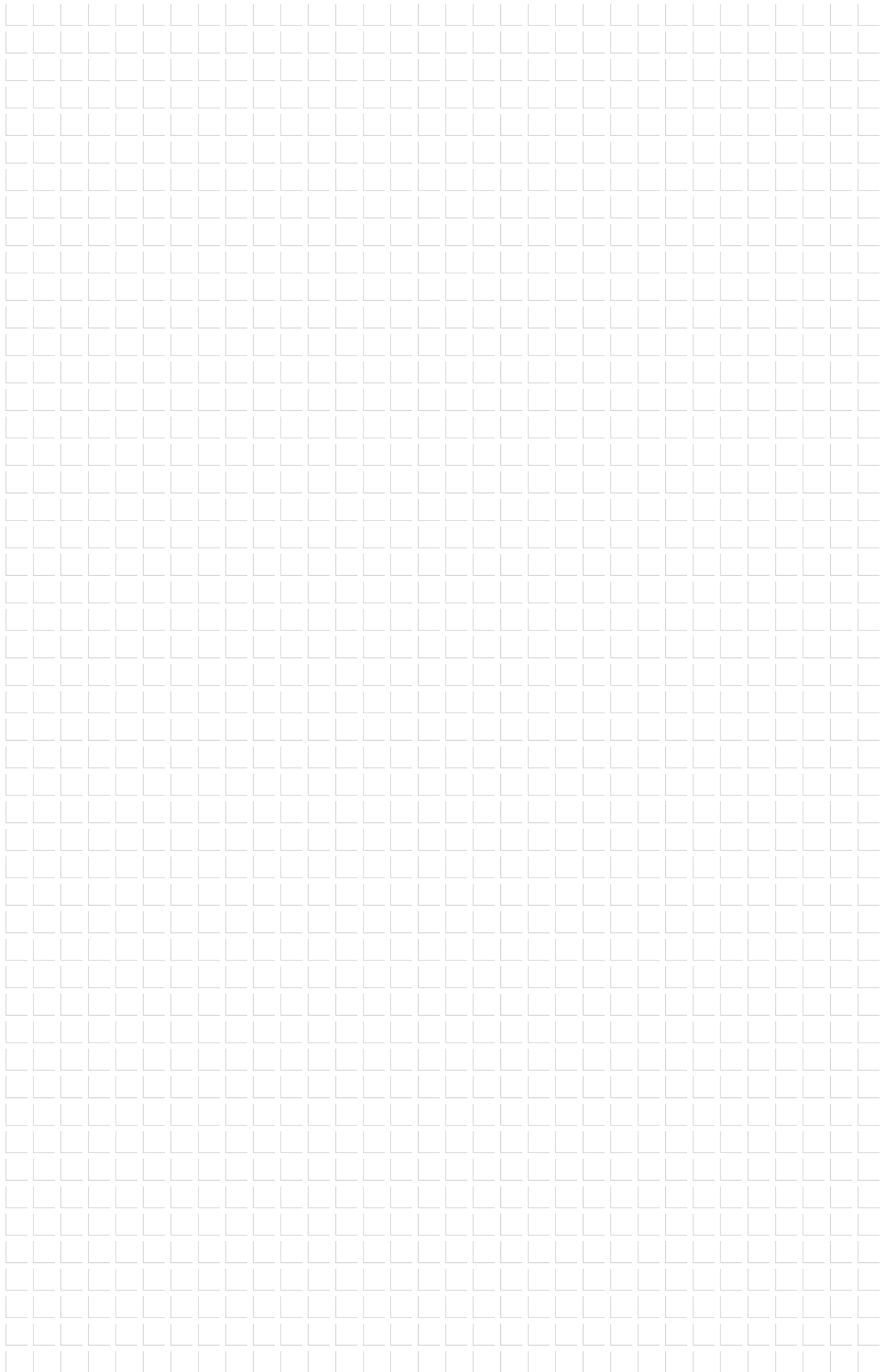
Product online



Order description	Length [mm]	Thread length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT2-WD-5-5.5x50	50	30	12–35	200		7289206601	4061245014388
JT2-WD-5-5.5x60	60	30	22–45	200		7289207601	4061245014371
JT2-WD-5-5.5x80	80	60	12–65	200		7289208601	4061245014364
JT2-WD-5-5.5x100	100	60	32–85	200		7289202601	4061245038537

Further lengths on request





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



Cross references

Socket wrench insert SW8	page
140	
Cordless screwdriver ASCS 6.3	136

Application range

- > Side lap stitching of profiled steel / aluminium sheets and sandwich panels

Properties

- > Suitable for installation with the EJOFAST® JF screwdriver
- > A2 stainless steel with hardened steel point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under screw head for effective side lap stitching
- > Non-skid application
- > Reduced swarf fastening
- > Loose or collated

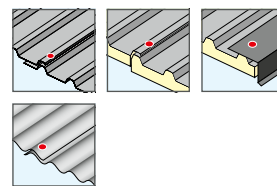


EJOFAST® JF screwdriver

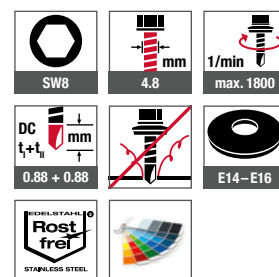
Rental equipment available
Article number G000000070

EJOFAST

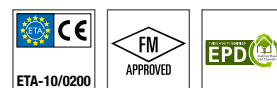
Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E 14, Ø 14 mm, loose						
JF3-2H-4.8x19 E14	19	0-4	500		3591977391	4061245015583
JF3-2H-4.8x19 E14 VE100	19	0-4	100		6591977391	4061245014791
JF3-2H-4.8x19 E14 RAL 7016	19	0-4	100		3351977025	4061245039749
JF3-2H-4.8x19 E14 RAL 9002	19	0-4	100		3351977082	4061245039671
JF3-2H-4.8x19 E14 RAL 9006	19	0-4	100		3351977084	4061245044804
JF3-2H-4.8x19 E14 RAL 9007	19	0-4	100		3351977220	4061245044811
Sealing washer E 14, Ø 14 mm, collated						
JF3-2H-4.8x19-E14 collated	19	0-4	500		3385009000	4061245016559
Sealing washer E 16, Ø 16 mm, loose						
JF3-2H-4.8x19 E16	19	0-4	500		3591911391	4061245026466

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

EJOFAST



Application range

- > Fixing cant parts to profiled elements

Properties

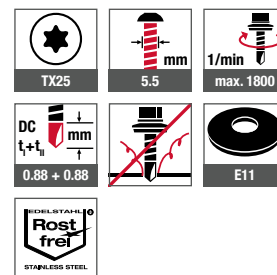
- > A2 stainless steel with hardened steel point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Non-skid application
- > Reduced swarf fastening
- > High load-bearing capacity
- > With truss head

Cross references	page
Bit hexalobular TX 25	141
EJOT FR-Tool	124
EJOT FR-Tool plastic	143
Cordless screwdriver ASCS 6.3	136

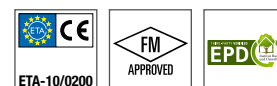
Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E 11, Ø 11 mm						
JF3-FR-2-5.5x25 E11	25	0-7	500		3593292391	4061245015460

A4 stainless steel available upon request



Self-drilling screw
JF6-FR-2-5.5

EJOFAST® self-drilling screw JF3-Plus-4.9



Application range

- > Fastening profiled steel or aluminium sheets and roofing sheet to timber substructures

Properties

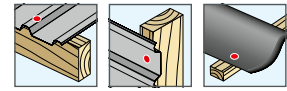
- > A2 stainless steel with hardened steel point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Reduced swarf fastening
- > Assembly without pre-drilling
- > Non-skid application
- > High load-bearing capacity

Cross references

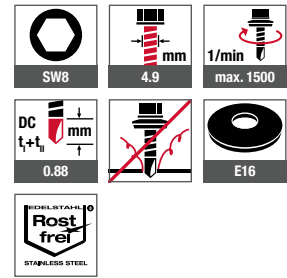
	page
ORKAN storm washers	92
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

EJOFAST

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Thread length [mm]	Height component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JF3-Plus-4.9x35 E16	35	28	0–5	500		3593667323	4061245083605
JF3-Plus-4.9x35 E16 VE100	35	28	0–5	100		6593667323	4061245083506
JF3-Plus-4.9x70 E16	70	50	20–40	250		3597167323	4061245083612

EJOFAST® self-drilling screw JF3-FR-Plus-4.9

EJOFAST



Application range

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

Properties

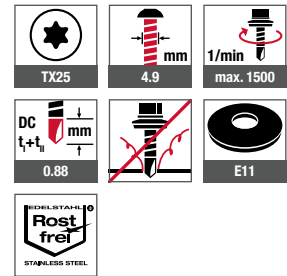
- > A2 stainless steel with hardened steel point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Reduced swarf fastening
- > Assembly without pre-drilling
- > Non-skid application
- > High load-bearing capacity
- > With truss head

Cross references	page
EJOT FR-Tool	142
EJOT FR-Tool plastic	143
Cordless screwdriver	
ASCS 6.3	136

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Thread length [mm]	Height component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm							
JF3-FR-Plus-4.9x35 E11	35	28	0-5	500		3593692329	4061245083629
JF3-FR-Plus-4.9x35 E11 VE100	35	28	0-5	100		6593692329	4061245083636

EJOFAST® self-drilling screw JF3-Plus-6.8

EJOFAST



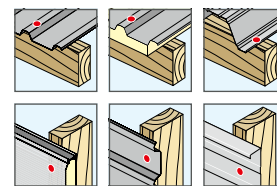
Application range

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

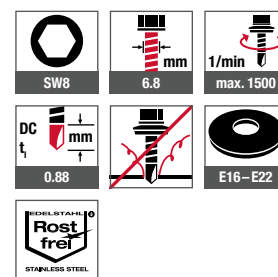
Properties

- > A2 stainless steel with hardened steel point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > Reduced swarf fastening
- > Assembly without pre-drilling
- > Non-skid application
- > High load-bearing capacity

Applications



Technical specifications



Cross references

Cross references	page
ORKAN storm washers	92
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

Product online



Certifications



Order description	Length [mm]	Thread length [mm]	Height component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JF3-Plus-6.8x40 E16	40	40	-	250		3594067393	4061245080611
JF3-Plus-6.8x40 E16 VE100	40	40	-	100		6594067393	4061245081304
JF3-Plus-6.8x60 E16	60	60	0-10	250		3594167393	4061245080635
JF3-Plus-6.8x60 E16 VE100	60	60	0-10	100		6594167393	4061245081335
JF3-Plus-6.8x80 E16	80	75	0-30	250		3594267393	4061245081366
JF3-Plus-6.8x80 E16 VE100	80	75	0-30	100		6594267393	4061245081373
JF3-Plus-6.8x100 E16	100	75	20-50	100		3594367393	4061245081403
JF3-Plus-6.8x120 E16	120	75	40-70	100		3594467393	4061245081434
JF3-Plus-6.8x140 E16	140	75	60-90	100		3594567393	4061245081465
JF3-Plus-6.8x160 E16	160	75	80-110	100		3594667393	4061245081496
JF3-Plus-6.8x180 E16	180	75	100-130	100		3594767393	4061245081526
JF3-Plus-6.8x200 E16	200	75	120-150	100		3594867393	4061245081557
JF3-Plus-6.8x220 E16	220	75	140-170	100		3594967393	4061245081601
JF3-Plus-6.8x240 E16	240	75	160-190	100		3595067393	4061245081632
JF3-Plus-6.8x260 E16	260	75	180-210	100		3595167393	4061245081663
JF3-Plus-6.8x280 E16	280	75	200-230	100		3595267393	4061245081694
JF3-Plus-6.8x300 E16	300	75	220-250	100		3595367393	4061245081724





Order description	Length [mm]	Thread length [mm]	Height component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E19, Ø 19 mm							
JF3-Plus-6.8x40 E19	40	40	-	250		3594066393	4061245081311
JF3-Plus-6.8x60 E19	60	60	0–10	250		3594166393	4061245081342
JF3-Plus-6.8x80 E19	80	75	0–30	100		3594266393	4061245081380
JF3-Plus-6.8x100 E19	100	75	20–50	100		3594366393	4061245081410
JF3-Plus-6.8x120 E19	120	75	40–70	100		3594466393	4061245081441
JF3-Plus-6.8x140 E19	140	75	60–90	100		3594566393	4061245081472
JF3-Plus-6.8x160 E19	160	75	80–110	100		3594666393	4061245081502
JF3-Plus-6.8x180 E19	180	75	100–130	100		3594766393	4061245081533
JF3-Plus-6.8x200 E19	200	75	120–150	100		3594866393	4061245081564
JF3-Plus-6.8x220 E19	220	75	140–170	100		3594966393	4061245081618
JF3-Plus-6.8x240 E19	240	75	160–190	100		3595066393	4061245081649
JF3-Plus-6.8x260 E19	260	75	180–210	100		3595166393	4061245081670
JF3-Plus-6.8x280 E19	280	75	200–230	100		3595266393	4061245081700
JF3-Plus-6.8x300 E19	300	75	220–250	100		3595366393	4061245081731
Sealing washer E22, Ø 22 mm							
JF3-Plus-6.8x 40 E22	40	40	-	250		3594013393	4061245081328
JF3-Plus-6.8x60 E22	60	60	0–10	250		3594113393	4061245081359
JF3-Plus-6.8x80 E22	80	75	0–30	100		3594213393	4061245081397
JF3-Plus-6.8x100 E22	100	75	20–50	100		3594313393	4061245081427
JF3-Plus-6.8x120 E22	120	75	40–70	100		3594413393	4061245081458
JF3-Plus-6.8x140 E22	140	75	60–90	100		3594513393	4061245081489
JF3-Plus-6.8x160 E22	160	75	80–110	100		3594613393	4061245081519
JF3-Plus-6.8x180 E22	180	75	100–130	100		3594713393	4061245081540
JF3-Plus-6.8x200 E22	200	75	120–150	100		3594813393	4061245081571
JF3-Plus-6.8x220 E22	220	75	140–170	100		3594913393	4061245081625
JF3-Plus-6.8x240 E22	240	75	160–190	100		3595013393	4061245081656
JF3-Plus-6.8x260 E22	260	75	180–210	100		3595113393	4061245081687
JF3-Plus-6.8x280 E22	280	75	200–230	100		3595213393	4061245081717
JF3-Plus-6.8x300 E22	300	75	220–250	100		3595313393	4061245081748
*Calculated with the setting depth of 50 mm recommended by EJOT. Deviating setting depths possible according to ETA.							

Self-drilling screw JT3-2H-4.8



Cross references

Socket wrench insert SW8	page
140	
Cordless screwdriver ASCS 6.3	page
136	

Application range

- > Side lap stitching of profiled steel / aluminium sheets and sandwich panels
- > Fastening of flashings

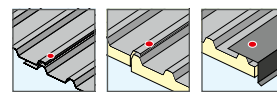
Properties

- > Suitable for installation with the EJOFAST® JF screwdriver
- > A2 stainless steel with hardened steel drill point
- > Stainless steel sealing washer
- > Pre-assembled sealing washer
- > With free spin zone under screw head for effective side lap stitching
- > Loose or collated

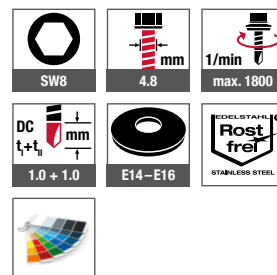


EJOFAST® JF screwdriver
Rental equipment available
Article number G00000070

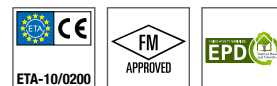
Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E 14, Ø 14 mm, loose						
JT3-2H-4.8x19 E14	19	0-4	500		3591977351	4061245015590
JT3-2H-4.8x19 E14 VE100	19	0-4	100		6591977351	4061245014807
JT3-2H-4.8x19 E14 RAL 7016	19	0-4	100		3531977525	4061245035826
JT3-2H-4.8x19 E14 RAL 9002	19	0-4	100		3531977582	4061245035987
JT3-2H-4.8x19 E14 RAL 9006	19	0-4	100		3531977584	4061245036007
JT3-2H-4.8x19 E14 RAL 9007	19	0-4	100		3380209220	4061245036014
Sealing washer E 14, Ø 14 mm, collated						
JT3-2H-4.8x19 E14 collated	19	0-4	500		3380209000	4061245016566
Sealing washer E 16, Ø 16 mm, loose						
JT3-2H-4.8x19 E16	19	0-4	500		3591911351	4061245026473

Self-drilling screw JT3-FR-2H-4.8



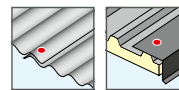
Application range

- > Side lap stitching of profiled steel and aluminium sheets

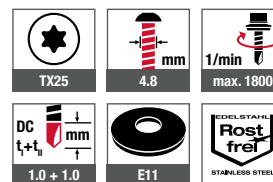
Properties

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

Applications



Technical specifications



Cross references	page
Bit hexalobular TX 25	141
EJOT FR-Tool	142
EJOT FR-Tool plastic	143
Cordless screwdriver ASCS 6.3	136

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JT3-FR-2H-4.8x19 E11	19	0-4	500		3591968358	4061245047898
JT3-FR-2H-4.8x19 E11 VE100	19	0-4	100		6591968358	4061245051888

Self-drilling screw JT3-2-4.9



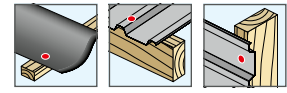
Application range

- > Fastening profiled steel or aluminium sheets and roofing sheet to timber substructures

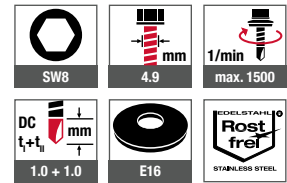
Properties

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

Applications



Technical specifications



Cross references

	page
Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

Product online



Certifications



Order description	Length [mm]	Height component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT3-2-4.9x35-E16	35	0-7	500		3593511321	4061245015453
JT3-2-4.9x35 E16 VE100	35	0-7	100		6593511321	4061245014715
JT3-2-4.9x70-E16	70	0-42	250		3597011321	4061245015057

Self-drilling screw JT3-FR-2-4.9



Cross references	page
Bit hexalobular TX 25	141
EJOT FR-Tool	142
EJOT FR-Tool plastic	143
Cordless screwdriver	
ASCS 6.3	136

Application range

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

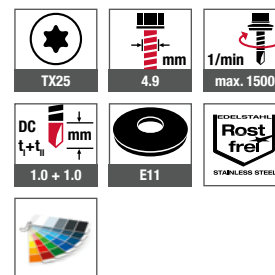
Properties

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

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Height component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JT3-FR-2-4.9x35 E11	35	0-7	500		3593568328	4061245015446
JT3-FR-2-4.9x35 E11 VE100	35	0-7	100		6593568328	4061245014708
JT3-FR-2-4.9x35 E11 RAL 7016	35	0-7	100		3390369025	4061245034751
JT3-FR-2-4.9x35 E11 RAL 9002	35	0-7	100		3390368082	4061245034812
JT3-FR-2-4.9x35 E11 RAL 9006	35	0-7	100		3390368084	4061245034829
JT3-FR-2-4.9x35 E11 RAL 9007	35	0-7	100		3390369220	4061245034836

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



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

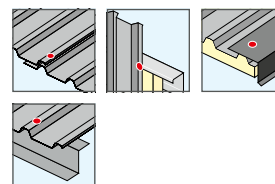
Application range

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

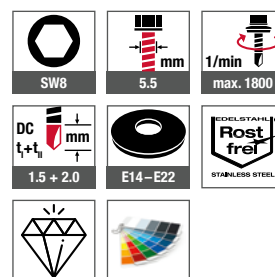
Properties

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

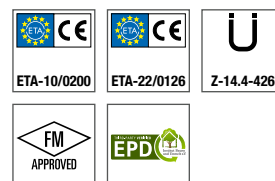
Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E14, Ø 14 mm						
JT3-2H-Plus-5.5x25 E14	25	0-7	500		3592209391	4061245026442
Sealing washer E16, Ø 16 mm						
JT3-2H-Plus-5.5x25 E16	25	0-7	500		3592211391	4061245015552
JT3-2H-Plus-5.5x25 E16 VE100	25	0-7	100		6592211391	4061245014760
JT3-2H-Plus-5.5x25 E16 RAL 7016	25	0-7	100		3592211325	4061245034294
JT3-2H-Plus-5.5x25 E16 RAL 9002	25	0-7	100		3592211382	4061245034300
JT3-2H-Plus-5.5x25 E16 RAL 9006	25	0-7	100		3592211384	4061245034317
JT3-2H-Plus-5.5x25 E16 RAL 9007	25	0-7	100		3380911220	4061245044828
JT3-2H-Plus-5.5x30 E16	30	0-12	500		3592311391	4061245050126
JT3-2H-Plus-5.5x35 E16	35	0-17	500		3592511391	4061245015514
Sealing washer E19, Ø 19 mm						
JT3-2H-Plus-5.5x25 E19	25	0-7	500		3592212391	4061245050218
Sealing washer E22, Ø 22 mm						
JT3-2H-Plus-5.5x25 E22	25	0-7	500		3592213391	4061245026428

Further lengths on request



A4 stainless steel upon request



Self-drilling screw
JT6-2H-plus-5.5
| Page 77

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

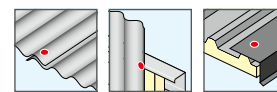
Properties

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

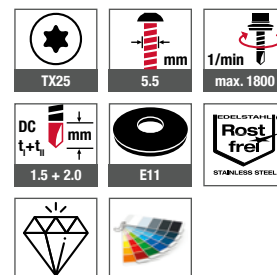
Cross references

	page
Bit hexalobular TX 25	141
EJOT FR-Tool	142
EJOT FR-Tool plastic	143
Cordless screwdriver	
ASCS 6.3	136

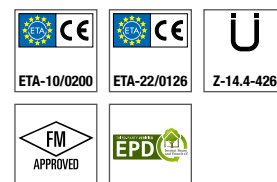
Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JT3-FR-2H-Plus-5.5x25 E11	25	0-7	500		3592269398	4061245015538
JT3-FR-2H-Plus-5.5x25 E11 VE100	25	0-7	100		6592269398	4061245014746
JT3-FR-2H-Plus 5.5x25 E11 RAL 7016	25	0-7	100		3390569025	4061245036465
JT3-FR-2H-Plus 5.5x25 E11 RAL 9002	25	0-7	100		3390569082	4061245036502
JT3-FR-2H-Plus 5.5x25 E11 RAL 9006	25	0-7	100		3390569084	4061245036519
JT3-FR-2H-Plus 5.5x25 E11 RAL 9007	25	0-7	100		3390590220	4061245036526
Order information: Further colours upon request						

Self-drilling screw JT3-2-6.5



Cross references	page
ORKAN storm washers	92
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136

Product online



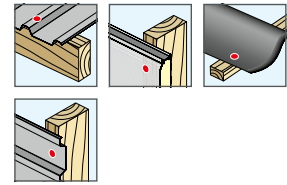
Application range

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

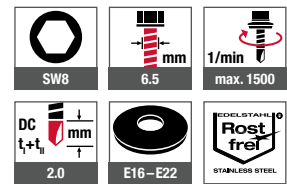
Properties

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

Applications



Technical specifications



Certifications



Order description	Length [mm]	Thread length [mm]	Height component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm							
JT3-2-6.5x40-E16	40	40	-	250		3594011321	4061245015422
JT3-2-6.5x40 E16 VE100	40	40	-	100		6594011321	4061245014685
JT3-2-6.5x50-E16	50	50	-	100		3598811321	4061245014968
JT3-2-6.5x50 E16 VE100	50	50	-	250		6598811321	4061245014586
JT3-2-6.5x65-E16	65	65	0-15	250		3598911321	4061245014951
JT3-2-6.5x65 E16 VE100	65	65	0-15	100		6598911321	4061245014579
JT3-2-6.5x80-E16	80	80	0-30	250		3598011321	4061245015019
JT3-2-6.5x80 E16 VE100	80	80	0-30	100		6598011321	4061245014593
JT3-2-6.5x100-E16	100	80	16-50	100		3598111321	4061245014982
JT3-2-6.5x120-E16	120	80	36-70	100		3598311321	4061245014975
Sealing washer E19, Ø 19 mm							
JT3-2-6.5x40-E19	40	40	-	250		3594012321	4061245041643
JT3-2-6.5x50-E19	50	50	-	250		3598812321	4061245040707
JT3-2-6.5x65-E19	65	65	0-15	250		3598912321	4061245040691
JT3-2-6.5x80-E19	80	80	0-30	100		3598012321	4061245040745
JT3-2-6.5x100-E19	100	80	16-50	100		3598112321	4061245040721
JT3-2-6.5x120-E19	120	80	36-70	100		3598312321	4061245040714





Order description	Length [mm]	Thread length [mm]	Height component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E22, Ø 22 mm							
JT3-2-6.5x40-E22	40	40	-	250		3594013321	4061245026251
JT3-2-6.5x40 E22 VE100	40	40	-	100		6594013321	4061245025421
JT3-2-6.5x50-E22	50	50	-	250		3598813321	4061245025629
JT3-2-6.5x50 E22 VE100	50	50	-	100		6598813321	4061245025407
JT3-2-6.5x65-E22	65	65	0–15	250		3598913321	4061245047232
JT3-2-6.5x65 E22 VE100	65	65	0–15	100		6598913321	4061245025391
JT3-2-6.5x80-E22	80	80	0–30	100		3598013321	4061245025711
JT3-2-6.5x100-E22	100	80	16–50	100		3598113321	4061245025704
JT3-2-6.5x120-E22	120	80	36–70	100		3598313321	4061245025674

*Calculated with the setting depth of 50 mm recommended by EJOT. Deviating setting depths possible according to ETA.

Self-drilling screw JT3-6-5.5



Application range

- > Fastening profiled steel sheet to 1.5–4 mm steel substructure
- > Fastening profiled aluminium sheets and sandwich panels to 1.5–4 mm steel substructure
- > Fastening profiled aluminium sheets to aluminium substructures (acc. to Z-10.3-701)
- > For high-strength steel substructures

Properties

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

Note

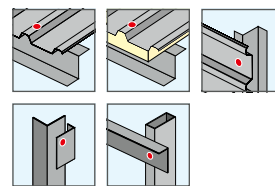
Z-10.3-701 applies exclusively to the JT3-6-5.5x25 E14

Cross references	page
ORKAN storm washers	92
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

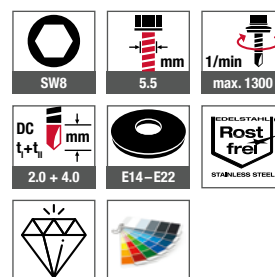
Product online



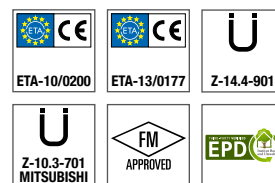
Applications



Technical specifications



Certifications



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E14, Ø 14 mm						
JT3-6-5.5x25-E14	25	0–7	500		3572209361	4061245026664
JT3-6-5.5x30-E14	30	0–11	500		3572377361	4061245026589
JT3-6-5.5x35-E14	35	0–16	500		3572577361	4061245026541
Sealing washer E16, Ø 16 mm						
JT3-6-5.5x25-E16	25	0–7	500		3572211361	4061245015699
JT3-6-5.5x25 E16 VE100	25	0–7	100		6572211361	4061245014852
JT3-6-5.5x25 E16 RAL 7016	25	0–7	100		3532211625	4061245034447
JT3-6-5.5x25 E16 RAL 9002	25	0–7	100		3532211682	4061245034539
JT3-6-5.5x25 E16 RAL 9006	25	0–7	100		3532211684	4061245034546
JT3-6-5.5x25 E16 RAL 9007	25	0–7	100		3381011220	4061245034553
JT3-6-5.5x30-E16	30	0–11	500		3572311361	4061245015675
JT3-6-5.5x30 E16 VE100	30	0–11	100		6572311361	4061245014845
JT3-6-5.5x35-E16	35	0–16	500		3572511361	4061245015668
JT3-6-5.5x35 E16 VE100	35	0–16	100		6572511361	4061245014838
JT3-6-5.5x50-E16	50	0–31	250		3592811361	4061245015484
JT3-6-5.5x50 E16 VE100	50	0–31	100		6592811361	4061245014722
JT3-6-5.5x70-E16	70	22–51	250		3593911361	4061245015439
JT3-6-5.5x70 E16 VE100	70	22–51	100		6593911361	4061245014692
JT3-6-5.5x90-E16	90	42–71	250		3596111361	4061245015118
JT3-6-5.5x90 E16 VE100	90	42–71	100		6596111361	4061245014616





Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-6-5.5x110-E16	110	62-91	100		3596211361	4061245015101
JT3-6-5.5x130-E16	130	82-111	100		3596311361	4061245015095
JT3-6-5.5x150-E16	150	102-131	100		3596411361	4061245015088
JT3-6-5.5x170-E16	170	122-151	100		3596511361	4061245015071
JT3-6-5.5x190-E16	190	142-171	100		3596611361	4061245015064
Sealing washer E19, Ø 19 mm						
JT3-6-5.5x25-E19	25	0-7	500		3572212361	4061245026657
JT3-6-5.5x30-E19	30	0-11	500		3572312361	4061245026602
JT3-6-5.5x35-E19	35	0-16	500		3572512361	4061245026572
JT3-6-5.5x50-E19	50	0-31	250		3592812361	4061245032306
JT3-6-5.5x70-E19	70	22-51	250		3593912361	4061245026299
JT3-6-5.5x90-E19	90	42-71	100		3596112361	4061245025872
JT3-6-5.5x110-E19	110	62-91	100		3596212361	4061245025841
JT3-6-5.5x130-E19	130	82-111	100		3596312361	4061245032436
JT3-6-5.5x150-E19	150	102-131	100		3596412361	4061245025780
JT3-6-5.5x170-E19	170	122-151	100		3596512361	4061245025766
JT3-6-5.5x190-E19	190	142-171	100		3596666361	4061245025735
Sealing washer E22, Ø 22 mm						
JT3-6-5.5x25-E22	25	0-7	500		3572213361	4061245026640
JT3-6-5.5x25 E22 VE100	25	0-7	100		6572213361	4061245051963
JT3-6-5.5x30-E22	30	0-11	500		3572313361	4061245026596
JT3-6-5.5x35-E22	35	0-16	500		3572513361	4061245026565
JT3-6-5.5x50-E22	50	0-31	250		3592813361	4061245026367
JT3-6-5.5x70-E22	70	22-51	250		3593913361	4061245026282
JT3-6-5.5x90-E22	90	42-71	100		3596113361	4061245025865
JT3-6-5.5x110-E22	110	62-91	100		3596213361	4061245025834
JT3-6-5.5x130-E22	130	82-111	100		3596313361	4061245025797
JT3-6-5.5x150-E22	150	102-131	100		3596413361	4061245025773
JT3-6-5.5x170-E22	170	122-151	100		3596513361	4061245025759
JT3-6-5.5x190-E22	190	142-171	100		3596613361	4061245025742
Order information: Further RAL colours upon request						

Further lengths on request



A4 stainless steel upon request



Self-drilling screw
JT6-6-5.5
| Page 78

Self-drilling screw JT3-FR-6-5.5



Cross references	page
Bit hexalobular TX 25	141
EJOT FR-Tool	142
EJOT FR-Tool plastic	143
Cordless screwdriver ASCS 6.3	136

Product online



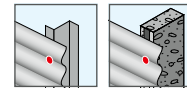
Application range

- > Fastening corrugated profile steel sheets to 1.5–4 mm steel substructure
- > Fastening profiled aluminium sheets to 1.5–4 mm steel or 2–5 mm aluminium substructures

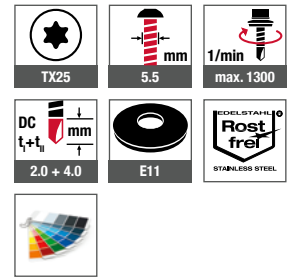
Properties

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

Applications



Technical specifications



Certifications



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JT3-FR-6-5.5x25 E11	25	0–7	500		3592269368	4061245015545
JT3-FR-6-5.5x25 E11 VE100	25	0–7	100		6592269368	4061245014753
JT3-FR-6-5.5x25 E11 RAL 7016	25	0–7	100		3390469025	4061245034966
JT3-FR-6-5.5x25 E11 RAL 9002	25	0–7	100		3390469082	4061245034980
JT3-FR-6-5.5x25 E11 RAL 9006	25	0–7	100		3390469084	4061245035000
JT3-FR-6-5.5x25 E11 RAL 9007	25	0–7	100		3390469220	4061245035017
JT3-FR-6-5.5x35 E11	35	0–17	500		3592569368	4061245015491
JT3-FR-6-5.5x35 E11 VE100	35	0–17	100		6592569368	4061245014739
Order information: Further RAL colours upon request						

Self-drilling screw JT3-6-6.3



Cross references page

Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

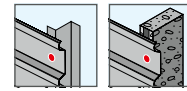
Application range

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

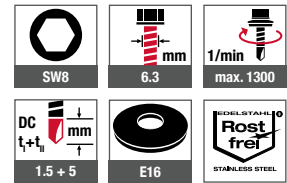
Properties

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

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT3-6-6.3x25-E16	25	0–7	500		3599411361	4061245036847

Self-drilling screw JT3-12-5.5



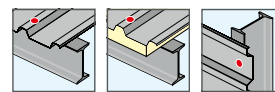
Application range

- > 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

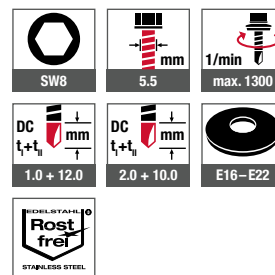
Properties

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

Applications



Technical specifications

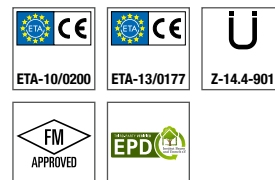


Cross references	page
ORKAN storm washers	92
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

Product online



Certifications



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT3-12-5.5x40-E16	40	0–11	500		3595611311	4061245015187
JT3-12-5.5x40 E16 VE100	40	0–11	100		6595611311	4061245014630
JT3-12-5.5x58 E16	58	0–31	250		3595811311	4061245015132
JT3-12-5.5x58 E16 VE100	58	0–31	100		6595811311	4061245014623
JT3-12-5.5x78-E16	78	25–51	250		3595011311	4061245015316
JT3-12-5.5x78 E16 VE100	78	25–51	100		6595011311	4061245014647
JT3-12-5.5x98-E16	98	45–71	100		3595111311	4061245015286
JT3-12-5.5x118-E16	118	65–91	100		3595211311	4061245015262
JT3-12-5.5x138-E16	138	85–111	100		3595311311	4061245015248
JT3-12-5.5x158-E16	158	105–131	100		3595411311	4061245015224
JT3-12-5.5x178-E16	178	125–151	100		3595511311	4061245015217
JT3-12-5.5x198-E16	198	145–171	100		3595711311	4061245015156
Sealing washer E19, Ø 19 mm						
JT3-12-5.5x40-E19	40	0–11	500		3595612311	4061245040837
JT3-12-5.5x58 E19	58	0–31	250		3595812311	4061245025896
JT3-12-5.5x78-E19	78	25–51	250		3595012311	4061245026145
JT3-12-5.5x98-E19	98	45–71	100		3595112311	4061245026107
JT3-12-5.5x118-E19	118	65–91	100		3595212311	4061245026053
JT3-12-5.5x138-E19	138	85–111	100		3595312311	4061245026022
JT3-12-5.5x158-E19	158	105–131	100		3595412311	4061245025995





Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-12-5.5x178-E19	178	125–151	100		3595512311	4061245025971
JT3-12-5.5x198-E19	198	145–171	100		3595712311	4061245025919
Sealing washer E22, Ø 22 mm						
JT3-12-5.5x40-E22	40	0–11	250		3595613311	4061245025926
JT3-12-5.5x40 E22 VE100	40	0–11	100		6595613311	4061245025414
JT3-12-5.5x58 E22	58	0–31	250		3595813311	4061245025889
JT3-12-5.5x78-E22	78	25–51	250		3595013311	4061245026138
JT3-12-5.5x98-E22	98	45–71	100		3595113311	4061245026091
JT3-12-5.5x118-E22	118	65–91	100		3595213311	4061245026046
JT3-12-5.5x138-E22	138	85–111	100		3595313311	4061245026015
JT3-12-5.5x158-E22	158	105–131	100		3595413311	4061245025988
JT3-12-5.5x178-E22	178	125–151	100		3595513311	4061245025964
JT3-12-5.5x198-E22	198	145–171	100		3595713311	4061245025902

Further lengths on request



A4 stainless steel upon request



Self-drilling screw
JT6-12-5.5
| Page 79

Self-drilling screw JT3-FR-12-5.5



Application range

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

Properties

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

Cross references	page
Bit hexalobular TX 25	141
EJOT FR-Tool	142
EJOT FR-Tool plastic	143
Cordless screwdriver	
ASCS 6.3	136

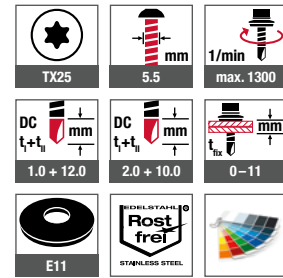
Product online



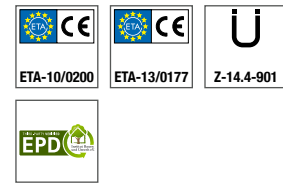
Applications



Technical specifications



Certifications



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JT3-FR-12-5.5x40 E11	40	0–11	500		3595669318	4061245015170
Order information: RAL colours upon request						

Self-drilling screw JT3-18-5.5



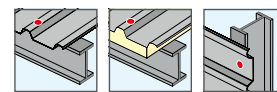
Application range

- > Fastening profiled steel and aluminium sheets and sandwich panels to 4–16 mm steel substructure

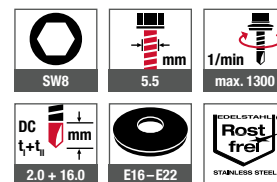
Properties

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

Applications

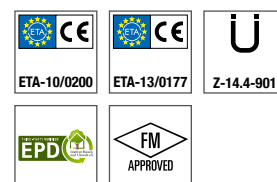


Technical specifications



Cross references	page
ORKAN storm washers	92
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT3-18-5.5x55-E16	55	0–18	500		3593011381	4061245015477
JT3-18-5.5x115-E16	115	40–81	100		3595011381	4061245015309
JT3-18-5.5x155-E16	155	80–121	100		3595511381	4061245015194
JT3-18-5.5x195-E16	195	120–161	100		3596011381	4061245015125
JT3-18-5.5x235-E16	235	160–201	100		3597511381	4061245015033
JT3-18-5.5x275-E16	275	200–241	100		3598011381	4061245015002
Sealing washer E19, Ø 19 mm						
JT3-18-5.5x55-E19	55	0–18	250		3593012381	4061245041018
JT3-18-5.5x115-E19	115	40–81	100		3595012381	4061245040929
JT3-18-5.5x155-E19	155	80–121	100		3595512381	4061245040851
JT3-18-5.5x195-E19	195	120–161	100		3596012381	4061245040783
JT3-18-5.5x235-E19	235	160–201	100		3597512381	4061245040752
JT3-18-5.5x275-E19	275	200–241	100		3598012381	4061245044453
Sealing washer E22, Ø 22 mm						
JT3-18-5.5x55-E22	55	0–18	250		3593013381	4061245026336
JT3-18-5.5x115-E22	115	40–78	100		3595013381	4061245040912
JT3-18-5.5x155-E22	155	80–118	100		3595513381	4061245040844
JT3-18-5.5x195-E22	195	120–158	100		3596013381	4061245040776
JT3-18-5.5x235-E22	235	160–198	100		3597513381	4061245044446
JT3-18-5.5x275-E22	275	200–238	100		3598013381	4061245040738

Self-drilling screw JT3-D-6H-5.5/6.3



Application range

- > For fixing sandwich panels to 1.5–4 mm steel substructures
- > For high-strength steel substructures

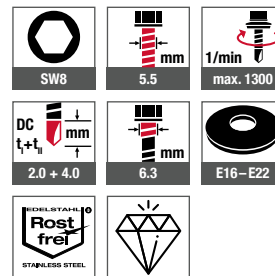
Properties

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

Applications



Technical specifications



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT3-D-6H-5.5/6.3x67 E16	67	30–48	250		3554511372	4061245027241
JT3-D-6H-5.5/6.3x87 E16	87	41–68	250		3556011371	4061245027142
JT3-D-6H-5.5/6.3x107 E16	107	51–88	100		3556111371	4061245027128
JT3-D-6H-5.5/6.3x127 E16	127	71–108	100		3556211371	4061245027104
JT3-D-6H-5.5/6.3x147 E16	147	91–128	100		3556311371	4061245027081
JT3-D-6H-5.5/6.3x167 E16	167	111–148	100		3556711371	4061245027043
JT3-D-6H-5.5/6.3x197 E16	197	141–178	100		3559711372	4061245026725
JT3-D-6H-5.5/6.3x237 E16	237	171–218	100		3559611372	4061245026749
Sealing washer E19, Ø 19 mm						
JT3-D-6H-5.5/6.3x67 E19	67	30–48	100		3554566372	4061245016047
JT3-D-6H-5.5/6.3x87 E19	87	41–68	100		3556066371	4061245015989
JT3-D-6H-5.5/6.3x107 E19	107	51–88	100		3556166371	4061245015972
JT3-D-6H-5.5/6.3x127 E19	127	71–108	100		3556266371	4061245015965
JT3-D-6H-5.5/6.3x147 E19	147	91–128	100		3556366371	4061245015941
JT3-D-6H-5.5/6.3x167 E19	167	111–148	100		3556766371	4061245015910
JT3-D-6H-5.5/6.3x197 E19	197	141–178	100		3559766372	4061245015743
JT3-D-6H-5.5/6.3x237 E19	237	171–218	100		3559666372	4061245015767





Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E22, Ø 22 mm						
JT3-D-6H-5.5/6.3x67 E22	67	30–48	100		3554513372	4061245027234
JT3-D-6H-5.5/6.3x87 E22	87	41–68	100		3556013371	4061245027135
JT3-D-6H-5.5/6.3x107 E22	107	51–88	100		3556113371	4061245027111
JT3-D-6H-5.5/6.3x127 E22	127	71–108	100		3556213371	4061245027098
JT3-D-6H-5.5/6.3x147 E22	147	91–128	100		3556313371	4061245027074
JT3-D-6H-5.5/6.3x167 E22	167	111–148	100		3556713371	4061245027036
JT3-D-6H-5.5/6.3x197 E22	197	141–178	100		3559713372	4061245032610
JT3-D-6H-5.5/6.3x237 E22	237	171–218	100		3559613372	4061245026732

Further lengths on request



A4 stainless steel available upon request



Self-drilling screw
JT6-D-6H-5.5/6.3

Self-drilling screw JT3-D-12H-5.5/6.3



Application range

- > For fixing sandwich elements to 3–12 mm steel substructures

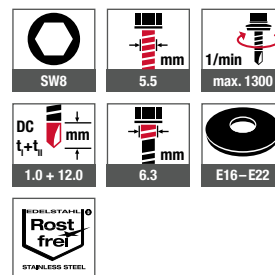
Properties

- > 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

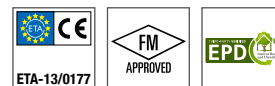


Technical specifications



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT3-D-12H-5.5/6.3x75 E16	75	41–48	250		3557511312	4061245026985
JT3-D-12H-5.5/6.3x95 E16	95	51–68	100		3554911311	4061245027227
JT3-D-12H-5.5/6.3x115 E16	115	61–88	100		3555211311	4061245027203
JT3-D-12H-5.5/6.3x135 E16	135	73–108	100		3555411311	4061245027180
JT3-D-12H-5.5/6.3x155 E16	155	93–128	100		3555711311	4061245027166
JT3-D-12H-5.5/6.3x175 E16	175	113–148	100		3556511312	4061245027067
JT3-D-12H-5.5/6.3x195 E16	195	133–168	100		3559511312	4061245026763
JT3-D-12H-5.5/6.3x215 E16	215	153–188	100		3559611312	4061245041025
JT3-D-12H-5.5/6.3x245 E16	245	173–218	100		3559811312	4061245026701
Sealing washer E19, Ø 19 mm						
JT3-D-12H-5.5/6.3x75 E19	75	41–48	100		3557566312	4061245015873
JT3-D-12H-5.5/6.3x95 E19	95	51–68	100		3554966311	4061245016030
JT3-D-12H-5.5/6.3x115 E19	115	61–88	100		3555266311	4061245016023
JT3-D-12H-5.5/6.3x135 E19	135	73–108	100		3555466311	4061245016016
JT3-D-12H-5.5/6.3x155 E19	155	93–128	100		3555766311	4061245009155
JT3-D-12H-5.5/6.3x175 E19	175	113–148	100		3556566312	4061245009162
JT3-D-12H-5.5/6.3x195 E19	195	133–168	100		3559566312	4061245009179
JT3-D-12H-5.5/6.3x215 E19	215	153–188	100		3559666312	4061245015774
JT3-D-12H-5.5/6.3x245 E19	245	173–218	100		3559866312	4061245015729





Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E22, Ø 22 mm						
JT3-D-12H-5.5/6.3x75 E22	75	41–48	100		3557513312	4061245026978
JT3-D-12H-5.5/6.3x95 E22	95	51–68	100		3554913311	4061245027210
JT3-D-12H-5.5/6.3x115 E22	115	61–88	100		3555213311	4061245027197
JT3-D-12H-5.5/6.3x135 E22	135	73–108	100		3555413311	4061245027173
JT3-D-12H-5.5/6.3x155 E22	155	93–128	100		3555713311	4061245027159
JT3-D-12H-5.5/6.3x175 E22	175	113–148	100		3556513312	4061245027050
JT3-D-12H-5.5/6.3x195 E22	195	133–168	100		3559513312	4061245026756
JT3-D-12H-5.5/6.3x215 E22	215	153–188	100		3559613312	4061245044484
JT3-D-12H-5.5/6.3x245 E22	245	173–218	100		3559813312	4061245026695

Further lengths on request



A4 stainless steel available upon request



Self-drilling screw
JT6-D-12H-5.5/6.3

Self-drilling screw JT3-ST-2-6.0



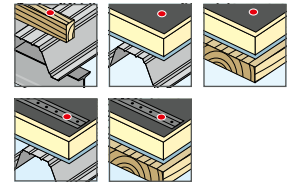
Application range

- > Fastening rail systems with intermediate insulation to thin-walled steel, aluminium or timber substructure
- > Fastening timber components to thin-walled steel or aluminium substructure
- > To fix roofing membranes and insulating material to substructures made of sheet steel ≥ 0.70 in $\text{mm} \leq 1.5$ mm, timber or wood-based material in combination with EJOT stress plates

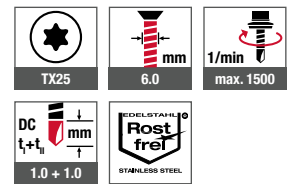
Properties

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

Applications

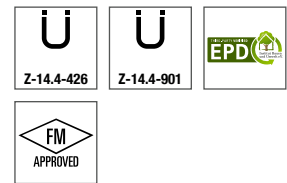


Technical specifications



Cross references	page
Bit hexalobular TX25	141
Bit holder	142
Cordless screwdriver	
ASCS 6.3	136

Certifications



Product online



Order description	Length [mm]	Thread length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-ST-2-6.0x35	35	35	0–20	500		7382160301	4061245014104
JT3-ST-2-6.0x60	60	45	15–45	250		7382125301	4061245014111
JT3-ST-2-6.0x80	80	65	15–65	250		7382107301	4061245014128
JT3-ST-2-6.0x100	100	65	35–85	250		7382101301	4061245014180
JT3-ST-2-6.0x120	120	65	55–105	250		7382102301	4061245014173
JT3-ST-2-6.0x140	140	65	75–125	250		7382103301	4061245014166

Further lengths on request



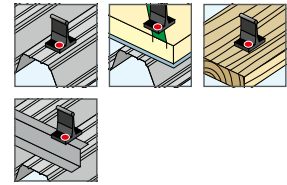
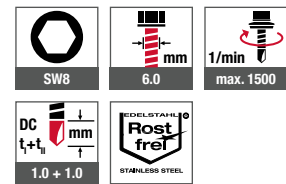
Self-drilling screw JT3-X-2-6.0

**Application range**

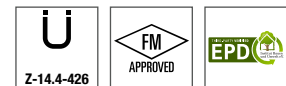
- > Fixing standing seam systems (clips) to 0.55–1.5 mm steel substructure
- > Fixing standing seam systems on milled system rails ≤ 1.5 mm
- > Fixing standing seam systems (clips) to 0.8–1.5 mm aluminium substructure or timber substructure

Properties

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

Applications**Technical specifications****Cross references** **page**

Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

Certifications**Product online**

Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-X-2-6.0x25	25	0–10	500		7380539301	4061245014296
JT3-X-2-6.0x36	36	0–20	500		7380516301	4061245014319
JT3-X-2-6.0x46	46	0–30	500		7380517301	4061245014302

Self-drilling screw JT3-WD-6-5.5



Application range

- > Special screw for fastening wood to steel substructures

Properties

- > A2 stainless steel with hardened steel drill point
- > With full thread
- > The wings widen the drill hole in the wood component to be fastened in order to prevent forced feed. They break off as soon as they touch the steel substructure. This prevents the wood to be fastened from being pushed away from the substructure.

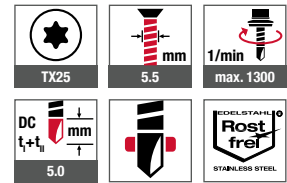
Note

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

Applications



Technical specifications



Certifications



Cross references	page
Bit hexalobular TX25	141
Bit holder	142
Cordless screwdriver	
ASCS 6.3	136



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT3-WD-6-5.5x45-R	45	0–26	500		7382195301	4061245014081
JT3-WD-6-5.5x65-R	65	0–46	500		7382194301	4061245014098

Self-drilling screw JT3-2H-(40/80)-6.0/6.0



Application range

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

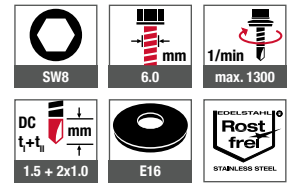
Properties

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

Applications

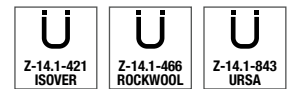


Technical specifications



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

Certifications



Product online



Order description	Length [mm]	For insulation [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT3-2H-40-6.0/6.0x64 E16	64	40	100		3594011351	4061245041001
JT3-2H-80-6.0/6.0x104 E16	104	80	100		3594211351	4061245040998

EJOT®

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

Spacer bolt for insulated cassette walls

The innovative spacer bolt with right-left-right thread for a perfect fastening of profiled ceiling elements and lesenes to insulated cassette wall systems. It also saves time because there is no need to pre-drill the outer leaf.

www.ejot.com/construction/spacer-bolt



Watch the video now:

www.ejot.de/video/technik/spacer-screw-en

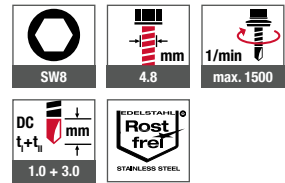
Self-drilling screw JT4-4-4.8

**Application range**

- > Fastening aluminium profiles to aluminium substructure ≤ 3 mm

Properties

- > A2 stainless steel

Applications**Technical specifications****Cross references** **page**

Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

Certifications**Product online**

Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-4-4.8x19	19	0-9	1000		7380387300	4061245014357
JT4-4-4.8x19 VE100	19	0-9	100		6380387300	4061245014883
JT4 made of A2 stainless steel with sealing washer E14, Ø 14 mm						
JT4-4-4.8x19-E14	19	0-6	500		3501909440	4061245027302

Self-drilling screw JT4-6-5.5



Cross references page

Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

Application range

- > Fastening aluminium profiles to aluminium substructure ≤ 4 mm

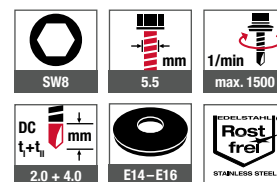
Properties

- > A2 stainless steel

Applications



Technical specifications



Product online



Certifications



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-6-5.5x22	22	0–10	500		7380508301	4061245014340
JT4-6-5.5x22 VE100	22	0–10	100		6380508301	4061245025452
JT4-6-5.5x30	30	0–18	500		7380509301	4061245014326
Sealing washer E14, Ø 14 mm						
JT4-6-5.5x22-E14	22	0–7	500		3502109460	4061245027272
JT4-6-5.5x30-E14	30	0–15	500		3502309461	4061245027258
Sealing washer E16, Ø 16 mm						
JT4-6-5.5x22-E16	22	0–7	500		3502111460	4061245027265
JT4-6-5.5x30-E16	30	0–15	500		3502311461	4061245050720

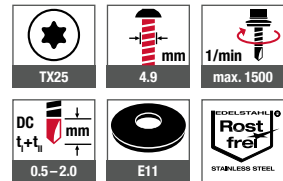
Self-drilling screw JT4-FR-2-4.9

**Application range**

- > Fastening corrugated profile aluminium sheets to timber substructure
- > Fastening of sandwich panels to timber substructure

Properties

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

Applications**Technical specifications**

Cross references	page
Bit hexalobular TX 25	141
EJOT FR-Tool	124
EJOT FR-Tool plastic	143
Cordless screwdriver	
ASCS 6.3	136

Certifications**Product online**

Order description	Length [mm]	Thickness component I [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E11, Ø 11 mm						
JT4-FR-2-4.9x35 E11	35	0-7	500		3503568420	4061245016108

Self-drilling screw JT4-FR-4-4.8



Application range

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

Properties

- > A2 stainless steel
- > With truss head

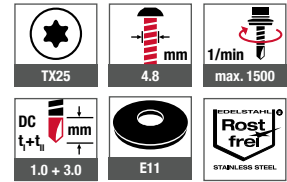
Note

Please note the respective approval of the exterior wall cladding and the assembly instructions of the manufacturer.

Applications



Technical specifications



Cross references

Cross references	page
Bit hexalobular TX 25	141
FR-Tool	142
FR-Tool plastic	143
Cordless screwdriver ASCS 6.3	136
Sealing washers	128

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-FR-4-4.8x19	19	0–9	1000		7381095300	4061245014241
Sealing washer E11, Ø 11 mm						
JT4-FR-4-4.8x19 E11	19	0–6	500		3501968448	4061245027289

Self-drilling screw JT4-FR-4-5.5

**Application range**

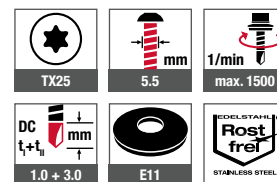
- > Fastening aluminium corrugated profile sheet to aluminium substructure ≤ 3 mm
- > Fastening facade cladding to aluminium substructure

Properties

- > A2 stainless steel
- > With truss head

Note

Please note the respective approval of the exterior wall cladding and the assembly instructions of the manufacturer.

Applications**Technical specifications****Cross references**

Cross references	page
FR Tool plastic TX25	143
Cordless screwdriver	
ASCS 6.3	136
Sealing washers	128

Certifications**Product online**

Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-FR-4-5.5x19	19	0–11	1000		7381138300	4061245014234
Sealing washer E11, Ø 11 mm						
JT4-FR-4-5.5x19 E11	19	0–11	500		3501869448	4061245027319

self-drilling screw JT4-FZ-6.5



Application range

- > Fastening corrugated fibre cement sheets to timber substructures

Properties

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

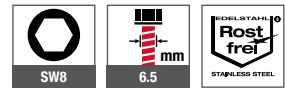
Note

For the dimensioning and the use of fastening elements, please observe the application instructions given by the manufacturers of the corrugated fibre cement sheets as well as the national approvals.

Applications



Technical specifications



Certifications



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136
JT2-FZ-F-6.5x130-FZD	36

Product online



Order description	Length [mm]	Thread length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JT4-FZ-6.5x130 FZD	130	66	100		3515675400	4061245016061

Self-drilling screw JT6-2H-Plus-5.5



Cross references	page
Socket wrench insert SW8	140
Cordless screwdriver ASCS 6.3	136

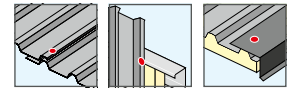
Application range

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

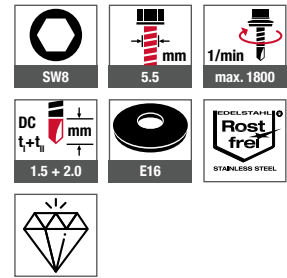
Properties

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

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT6-2H-Plus-5.5x25 E16	25	0-7	500		3592281991	4061245015521

A2 stainless steel upon request



Self-drilling screw
JT3-2H-plus-5.5
| Page 50

Self-drilling screw JT6-6-5.5



Application range

- > Fastening profiled steel and aluminium sheets to 1.5–4 mm steel substructures
- > For high-strength steel substructures

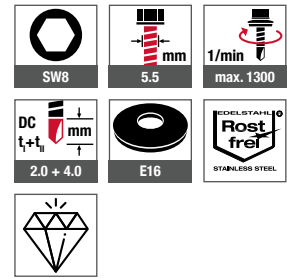
Properties

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

Applications

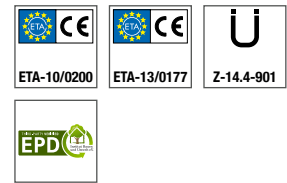


Technical specifications



Cross references	page
ORKAN storm washers	92
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6,3	136
Long screw support SH2	136

Certifications



Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT6-6-5.5x25-E16	25	0–7	500		3572281991	4061245015682

Further lengths on request



A2 stainless steel upon request



Self-drilling screw
JT3-6-5.5
| Page 54

Self-drilling screw JT6-12-5.5



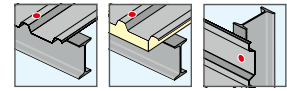
Application range

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

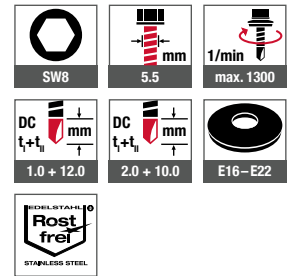
Properties

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

Applications

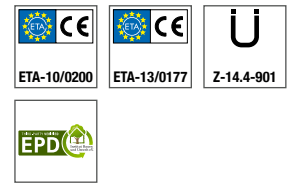


Technical specifications



Cross references	page
ORKAN storm washers	92
Socket wrench insert SW8	140
Cordless screwdriver	
ASCS 6.3	136
Long screw support SH2	136

Certifications



Product online

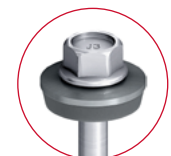


Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JT6-12-5.5x40-E16	40	0–11	500		3595681991	4061245015163

Further lengths on request



A2 stainless steel upon request



Self-drilling screw
JT3-12-5.5
| Page 58

Powder-actuated fastener HSBR 14



Cross references	page
Cartridges	81
Powder-actuated fastening tool P 560	135

Product online

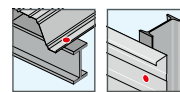


Application range

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

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

Applications

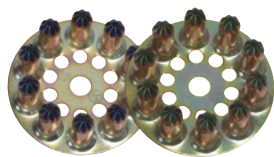


Certifications



Order description	Collator capacity [pieces]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Powder-actuated fastener HSBR 14 collated	10	1000		9610053953	4061245062907

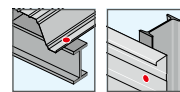
Cartridges



Application range

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

Applications



Certifications



Product online



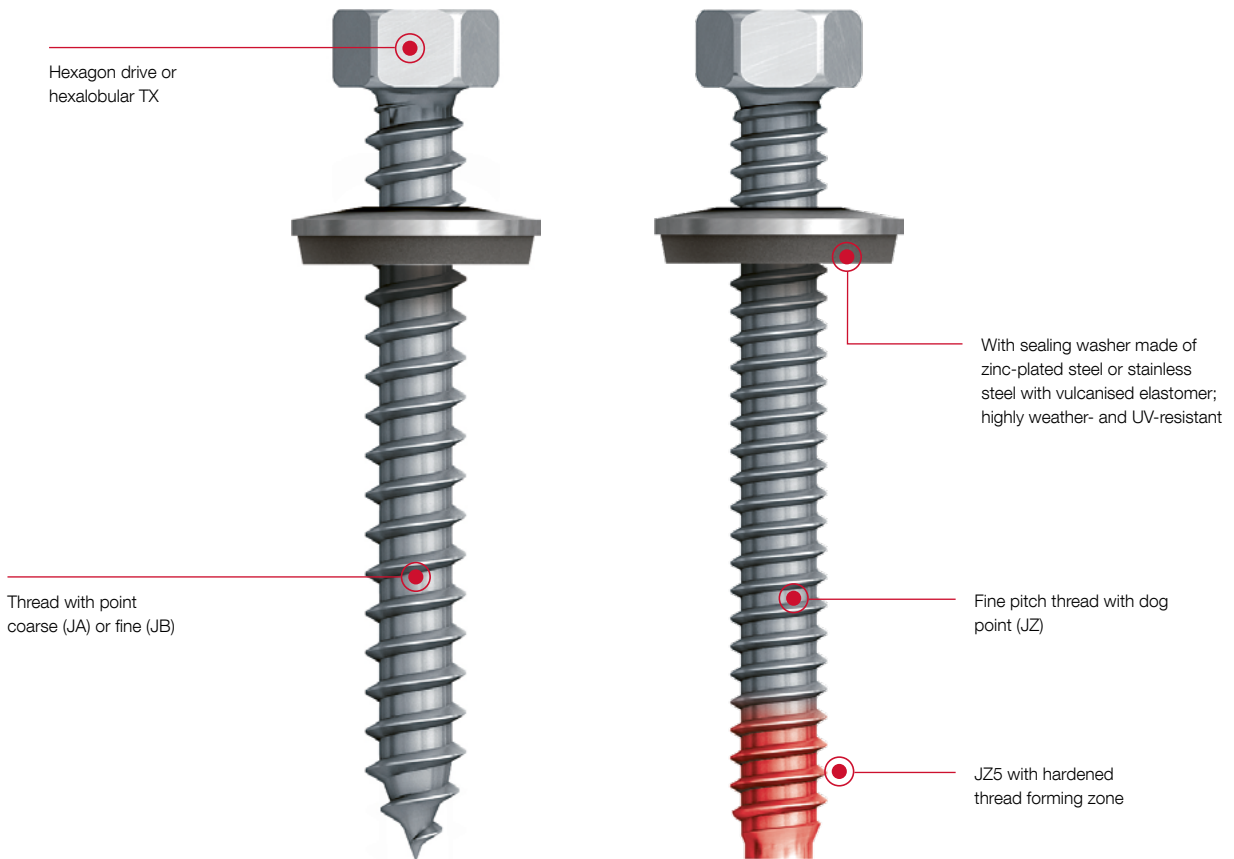
Cross references	page
Powder-actuated fastener HSBR 14	80
Powder-actuated fastening tool P 560	135

Order description	Charge	Substrate thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Cartridge blue	Strong charge	6–12	1000		9600003123	4061245010410
Cartridge red	Very strong charge	14–16	1000		9600003122	4061245010427
Cartridge black	Strongest charge	≥18	1000		9600003121	4061245010434



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 a pre-assembled sealing washer. The EJOT self-tapping screws are all-purpose screws.



Product overview self-tapping screws

	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 thread forming zone
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

Determination of the screw length of self-tapping screws

The clamp thickness t_{fix} is the area of a self-tapping screw which can be used to connect two components. The components are clamped in this area (absorption and transfer of forces and loads in accordance with the respective technical approvals and assessments).

Important: The clamp thickness does not equal the threaded part of a screw!

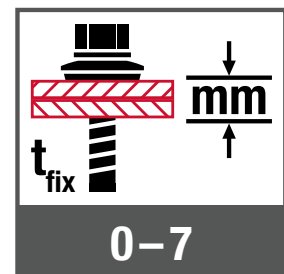
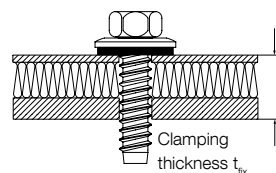
Therefore:

- > The first thread turns of a self-tapping screw are **not** suitable for clamping.
- > For bi-met screws (JZ5), the screw tip consists of a hardened steel part. This part is used exclusively for the assembly process of the screw and must not be used for clamping.
- > The clamping thicknesses of the self-tapping screws can be found in the tables on the product-specific pages.
- > The cutting off of screw points is not permitted!

The required clamping thickness of a self-tapping screw is calculated from the material thickness of the components to be clamped. For this, the thicknesses of components I and II, any intermediate layer and additional elements (including sealing washers, storm washers and load distributors) must be added together. It should be noted that the sealing washer thickness for screws with a pre-assembled sealing washer is already taken into account when specifying the clamping thickness.

The component thicknesses from the respective technical approvals and assessments must be observed!

If you have any questions about the selection of the suitable screw length for your application, please contact our application technology department.



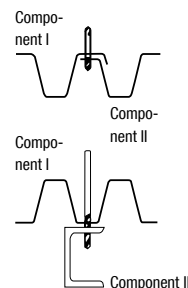
Icon for specifying the clamp thickness of a self-tapping screw

Determining the drill hole diameter

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

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

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



Steel substructures according to ETA-10/0200 or ETA-13/0177

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	1.25–1.9	2.0–5.9	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				

Self-tapping screw JZ5-6.3



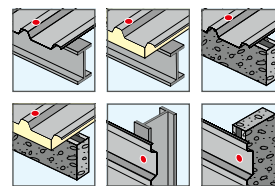
Application range

- > Fastening profiled steel sheets and sandwich panels to steel substructures
- > For high-strength steel substructures

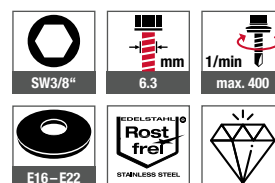
Properties

- > A2 stainless steel with hardened thread forming zone
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

Applications



Technical specifications



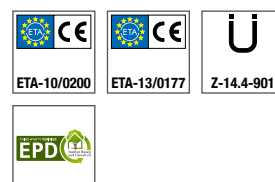
Cross references

	page
Socket wrench insert SW3/8"	140
Cordless screwdriver	
ASCS 6.3	136
ORKAN storm washers	92
Drill bit HSS	138
Drill hole chart	83

Product online



Certifications



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E16, Ø 16 mm						
JZ5-6.3x20 E16	20	0–9	500		3191011311	4061245073194
JZ5-6.3x25 E16	25	0–14	500		3191111311	4061245073224
JZ5-6.3x30 E16	30	0–19	500		3191211311	4061245073255
JZ5-6.3x40 E16	40	0–29	250		3191311311	4061245073286
JZ5-6.3x53 E16	53	0–41	250		3191411311	4061245073316
JZ5-6.3x63 E16	63	0–52	250		3191511311	4061245073347
JZ5-6.3x83 E16	83	21–72	250		3191611311	4061245073378
JZ5-6.3x93 E16	93	31–82	100		3191711311	4061245073408
JZ5-6.3x103 E16	103	41–92	100		3191811311	4061245074207
JZ5-6.3x113 E16	113	51–102	100		3191911311	4061245073460
JZ5-6.3x123 E16	123	61–112	100		3192011311	4061245073491
JZ5-6.3x133 E16	133	71–122	100		3192111311	4061245073521
JZ5-6.3x143 E16	143	81–132	100		3192211311	4061245076201
JZ5-6.3x153 E16	153	91–142	100		3192311311	4061245073552
JZ5-6.3x163 E16	163	101–152	100		3192411311	4061245073583
JZ5-6.3x183 E16	183	121–172	100		3192511311	4061245073613
JZ5-6.3x203 E16	203	141–192	100		3192611311	4061245073644
JZ5-6.3x223 E16	223	161–212	100		3192711311	4061245073675
JZ5-6.3x243 E16	243	181–232	100		3192811311	4061245073705
JZ5-6.3x263 E16	263	201–252	100		3192911311	4061245073736





Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E19, Ø 19 mm						
JZ5-6.3x20 E19	20	0–9	500		3191066311	4061245073200
JZ5-6.3x25 E19	25	0–14	500		3191166311	4061245073231
JZ5-6.3x30 E19	30	0–19	500		3191266311	4061245073262
JZ5-6.3x40 E19	40	0–29	250		3191366311	4061245073293
JZ5-6.3x53 E19	53	0–41	250		3191466311	4061245073323
JZ5-6.3x63 E19	63	0–52	100		3191566311	4061245073354
JZ5-6.3x83 E19	83	21–72	100		3191666311	4061245073385
JZ5-6.3x93 E19	93	31–82	100		3191766311	4061245073415
JZ5-6.3x103 E19	103	41–92	100		3191866311	4061245074221
JZ5-6.3x113 E19	113	51–102	100		3191966311	4061245073477
JZ5-6.3x123 E19	123	61–112	100		3192066311	4061245073507
JZ5-6.3x133 E19	133	71–122	100		3192166311	4061245073538
JZ5-6.3x143 E19	143	81–132	100		3192266311	4061245076218
JZ5-6.3x153 E19	153	91–142	100		3192366311	4061245073569
JZ5-6.3x163 E19	163	101–152	100		3192466311	4061245073590
JZ5-6.3x183 E19	183	121–172	100		3192566311	4061245073620
JZ5-6.3x203 E19	203	141–192	100		3192666311	4061245073651
JZ5-6.3x223 E19	223	161–212	100		3192766311	4061245073682
JZ5-6.3x243 E19	243	181–232	100		3192866311	4061245073712
JZ5-6.3x263 E19	263	201–252	100		3192966311	4061245073743
Sealing washer E22, Ø 22 mm						
JZ5-6.3x20 E22	20	0–9	500		3191013311	4061245073217
JZ5-6.3x25 E22	25	0–14	500		3191113311	4061245073248
JZ5-6.3x30 E22	30	0–19	500		3191213311	4061245073279
JZ5-6.3x40 E22	40	0–29	250		3191313311	4061245073309
JZ5-6.3x53 E22	53	0–41	250		3191413311	4061245073330
JZ5-6.3x63 E22	63	0–52	100		3191513311	4061245073361
JZ5-6.3x83 E22	83	21–72	100		3191613311	4061245073392
JZ5-6.3x93 E22	93	31–82	100		3191713311	4061245073422
JZ5-6.3x103 E22	103	41–92	100		3191813311	4061245074238
JZ5-6.3x113 E22	113	51–102	100		3191913311	4061245073484
JZ5-6.3x123 E22	123	61–112	100		3192013311	4061245073514
JZ5-6.3x133 E22	133	71–122	100		3192113311	4061245073545
JZ5-6.3x143 E22	143	81–132	100		3192213311	4061245076225
JZ5-6.3x153 E22	153	91–142	100		3192313311	4061245073576
JZ5-6.3x163 E22	163	101–152	100		3192413311	4061245073606
JZ5-6.3x183 E22	183	121–172	100		3192513311	4061245073637
JZ5-6.3x203 E22	203	141–192	100		3192613311	4061245073668
JZ5-6.3x223 E22	223	161–212	100		3192713311	4061245073699
JZ5-6.3x243 E22	243	181–232	100		3192813311	4061245073729
JZ5-6.3x263 E22	263	201–252	100		3192913311	4061245073750

Self-tapping screw JZ5-8.0



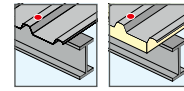
Application range

- > Fastening profiled steel sheets and sandwich panels to steel substructures
- > Suitable for replacing screws with diameter 5.5 mm and 6.3 mm

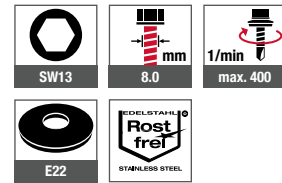
Properties

- > A2 stainless steel with hardened thread forming zone
- > Stainless steel sealing washer
- > Pre-assembled sealing washer

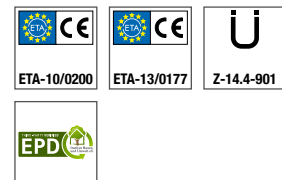
Applications



Technical specifications



Certifications



Cross references	page
Socket wrench insert SW3/8"	140
Cordless screwdriver	
ASCS 6.3	136
ORKAN storm washers	92
Drill bit HSS	138
Drill hole chart	83

Product online



Order description	Length [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E22, Ø 22 mm						
JZ5-8.0x60 E22	60	0–43	250		3190653311	4061245062600
JZ5-8.0x80 E22	80	16–63	100		3190853311	4061245062617
JZ5-8.0x100 E22	100	36–83	100		3191053311	4061245062624
JZ5-8.0x150 E22	150	86–133	100		3191553311	4061245062631

Self-tapping screw JZ3-S-6.3



Cross references	page
Bit hexalobular TX30	141
Cordless screwdriver	
ASCS 6.3	136
Drill bit HSS	138
Drill hole chart	83

Application range

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

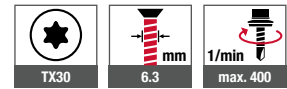
Properties

- > A2 stainless steel
- > Countersunk head

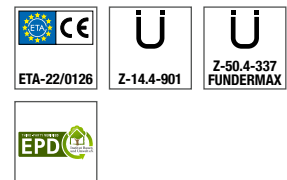
Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JZ3-S-6.3x19	19	500		3029400311	4061245018430
JZ3-S-6.3x25	25	500		3029500311	4061245018423
JZ3-S-6.3x35	35	500		3121700301	4061245017327
JZ3-S-6.3x64	64	250		3029600311	4061245018416

Self-tapping screw JA3-LT-4.9



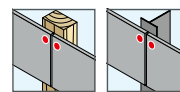
Application range

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

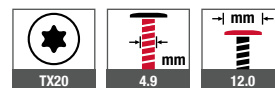
Properties

- > A2 stainless steel
- > Pan head
- > With full thread

Applications

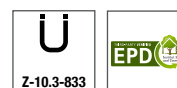


Technical specifications



Cross references	page
Bit hexalobular TX20	141
Cordless screwdriver	
ASCS 6.3	136
Drill bit HSS	138

Certifications



Product online



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JA3-LT-4.9x25	25	500		3233200312	4061245016672
JA3-LT-4.9x38	38	500		5000638300	4061245014906

Self-tapping screw JA3-S-6.5



Application range

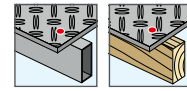
- > For fixing metal sections to timber substructures, aluminium substructures ≤ 3 mm or steel substructures ≤ 2 mm
- > For fixing treads, platform and balcony slabs to timber or aluminium substructures

Properties

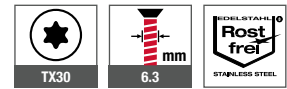
- > A2 stainless steel
- > Countersunk head
- > With full thread

Cross references	page
Bit hexalobular TX30	141
Cordless screwdriver	
ASCS 6.3	136
Drill bit HSS	138
Drill hole chart	83

Applications



Technical specifications



Certifications



Product online



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JA3-S-6.5x35	35	500		3029800311	4061245018409

Self-tapping screw JB3-7.2



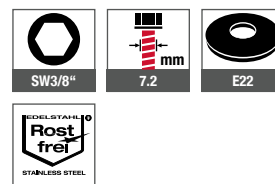
Application range

- > Repair screw for covering faulty drill holes

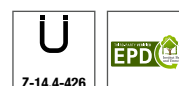
Properties

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

Technical specifications



Certifications

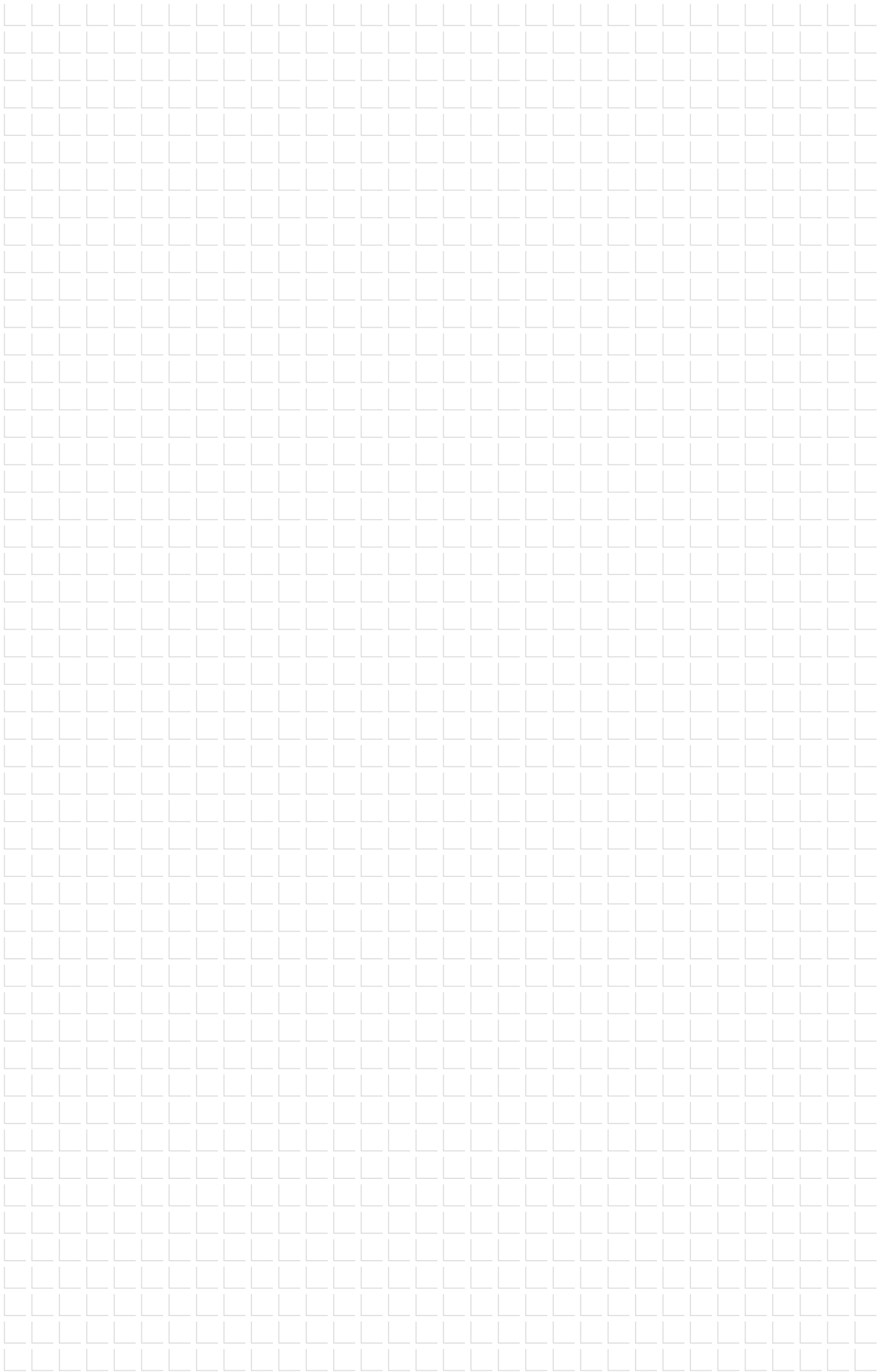


Cross references	page
Socket wrench insert SW3/8"	140
Cordless screwdriver	
ASCS 6.3	136
Drill bit HSS	83

Product online



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Sealing washer E22, Ø 22 mm					
JB3-7.2x19 E22	19	100		3189113311	4061245016689



ORKAN Storm Washers

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

Requirements

ORKAN storm washers are used for a consistent load distribution and load transmission of the crown fixing of trapezoidal profiled sheet or sandwich panel constructions. This is guaranteed by the pronounced reinforcement beads of the ORKAN storm washers.

As a so-called second insulation level, the 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 promote 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 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.

Note

Please note that we can only accept warranty and liability claims regarding EJOT ORKAN storm washers when used in combination with EJOT screws. If you have any questions in this regard, please do not hesitate to contact us. Thank you for your understanding.

Special storm washers

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

Selection guide

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

We only need the following three values:

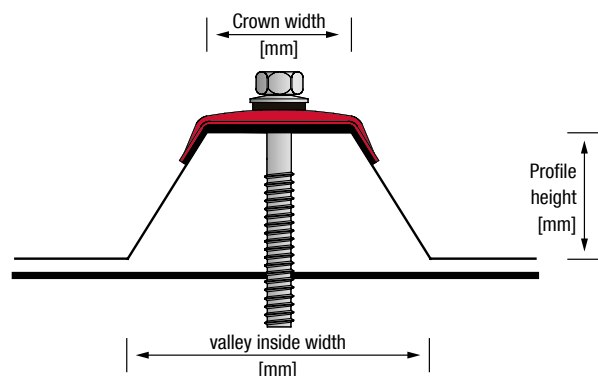
- > Top flange width [mm]
- > Profile height [mm]
- > Valley inside width [mm]

Reply

Please tell us the three values:

F +49 2752 908-731

bau@ejot.com



ORKAN storm washer trapezoidal



Cross references	page
Self-drilling screw JF3-6.8	44
Self-drilling screw JT3-2-6.5	48
Self-drilling screw JT3-6-5.5	54
Self-drilling screw JT3-12-5.5	58
Self-drilling screw JT3-18-5.5	61
Self-tapping screw JZ5-6.3	84

Application range

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

Properties

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

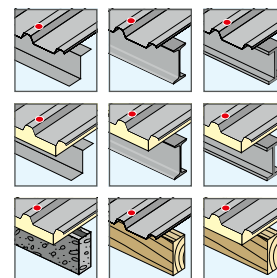
Benefits

- > Increased installation reliability
- > High dimensional stability
- > Optimum load transmission
- > Sophisticated fastening system in combination with self-drilling and self-tapping screws

Note

Only use screws with 16mm and 19 mm washer diameter. For determination of the clamp thickness please take the storm washer into account with 3 mm. The guidelines and installation instructions given by the profile and panel manufacturer are to be observed. Storm washers which are not mentioned are special storm washers. Please note surcharges. Storm washers are to be stored in a dry place until installation.

Applications



Technical specifications



Certifications



Product online



Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 20-34 mill finish	20	34	19	500		3046700110	4061245018355
ORKAN storm washer 20-34 mill finish VE100	20	34	19	100		3076700110	4061245082202
ORKAN storm washer 20-34 alu stucco	20	34	19	500		3046700119	4061245041230
ORKAN storm washer 20-34 alu stucco VE100	20	34	19	100		3076700119	4061245082219
ORKAN storm washer 20-34 alu-RAL 7016	20	34	19	500		3046725119	4061245041223
ORKAN storm washer 20-34 alu-RAL 7016 VE100	20	34	19	100		3076725119	4061245082226
ORKAN storm washer 20-34 alu-RAL 8004	20	34	19	500		3052034043	4061245029733
ORKAN storm washer 20-34 alu-RAL 8004 VE100	20	34	19	100		3072034043	4061245082233
ORKAN storm washer 20-34 alu-RAL 8012	20	34	19	500		3046740119	4061245030265
ORKAN storm washer 20-34 alu-RAL 8012 VE100	20	34	19	100		3076740119	4061245082240
ORKAN storm washer 20-34 alu-RAL 9007	20	34	19	500		3052034220	4061245029719
ORKAN storm washer 20-34 alu-RAL 9007 VE100	20	34	19	100		3072034220	4061245082257
ORKAN storm washer 21-16 mill finish	21	16	20	500		3046600110	4061245018362
ORKAN storm washer 21-16 mill finish VE100	21	16	20	100		3076600110	4061245082264
ORKAN storm washer 21-16 alu-RAL 3009	21	16	20	500		3046657119	4061245030340
ORKAN storm washer 21-16 alu-RAL 3009 VE100	21	16	20	100		3076657119	4061245082271
ORKAN storm washer 21-16 alu-RAL 7016	21	16	20	500		3052116025	4061245029702
ORKAN storm washer 21-16 alu-RAL 7016 VE100	21	16	20	100		3072116025	4061245082288
ORKAN storm washer 21-16 alu-RAL 7035	21	16	20	500		3046675119	4061245030333
ORKAN storm washer 21-16 alu-RAL 7035 VE100	21	16	20	100		3076675119	4061245082295
ORKAN storm washer 21-16 alu-RAL 7037	21	16	20	500		3052116225	4061245041193
ORKAN storm washer 21-16 alu-RAL 7037 VE100	21	16	20	100		3072116225	4061245082301





Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 21-16 alu-RAL 8004	21	16	20	500		3052116043	4061245029696
ORKAN storm washer 21-16 alu-RAL 8004 VE100	21	16	20	100		3072116043	4061245082318
ORKAN storm washer 21-16 alu-RAL 8012	21	16	20	500		3046640119	4061245030357
ORKAN storm washer 21-16 alu-RAL 8012 VE100	21	16	20	100		3076640119	4061245082325
ORKAN storm washer 21-16 alu-RAL 9002	21	16	20	500		3046682119	4061245030326
ORKAN storm washer 21-16 alu-RAL 9002 VE100	21	16	20	100		3076682119	4061245082332
ORKAN storm washer 21-16 alu-RAL 9006	21	16	20	500		3046684119	4061245030319
ORKAN storm washer 21-16 alu-RAL 9006 VE100	21	16	20	100		3076684119	4061245082349
ORKAN storm washer 21-16 alu-RAL 9007	21	16	20	500		3052116220	4061245029672
ORKAN storm washer 21-16 alu-RAL 9007 VE100	21	16	20	100		3072116220	4061245082356
ORKAN storm washer 21-25 mill finish	21	25	20	500		3052125000	4061245018270
ORKAN storm washer 21-25 mill finish VE100	21	25	20	100		3072125000	4061245046266
ORKAN storm washer 21-25 alu-RAL 3009	21	25	20	500		3052125057	4061245029627
ORKAN storm washer 21-25 alu-RAL 3009 VE100	21	25	20	100		3072125057	4061245061641
ORKAN storm washer 21-25 alu-RAL 7016	21	25	20	500		3052125025	4061245029658
ORKAN storm washer 21-25 alu-RAL 7016 VE100	21	25	20	100		3072125025	4061245018140
ORKAN storm washer 21-25 alu-RAL 8004	21	25	20	500		3052125043	4061245029634
ORKAN storm washer 21-25 alu-RAL 8004 VE100	21	25	20	100		3072125043	4061245082363
ORKAN storm washer 21-25 alu-RAL 8012	21	25	20	500		3052125040	4061245029641
ORKAN storm washer 21-25 alu-RAL 8012 VE100	21	25	20	100		3072125040	4061245018133
ORKAN storm washer 21-25 alu-RAL 9002	21	25	20	500		3052125082	4061245029597
ORKAN storm washer 21-25 alu-RAL 9002 VE100	21	25	20	100		3072125082	4061245044972
ORKAN storm washer 21-25 alu-RAL 9006	21	25	20	500		3052125084	4061245029580
ORKAN storm washer 21-25 alu-RAL 9006 VE100	21	25	20	100		3072125084	4061245044989
ORKAN storm washer 21-25 alu-RAL 9007	21	25	20	500		3052125220	4061245029573
ORKAN storm washer 21-25 alu-RAL 9007 VE100	21	25	20	100		3072125220	4061245082370
ORKAN storm washer 23-33 mill finish	23	33	22	500		3052333000	4061245018263
ORKAN storm washer 23-33 mill finish VE100	23	33	22	100		3072333000	4061245046280
ORKAN storm washer 23-33 alu-RAL 7016	23	33	22	500		3052333025	4061245058078
ORKAN storm washer 23-33 alu-RAL 7016 VE100	23	33	22	100		3072333025	4061245061658
ORKAN storm washer 23-33 alu-RAL 9002	23	33	22	500		3052333082	4061245058030
ORKAN storm washer 23-33 alu-RAL 9002 VE100	23	33	22	100		3072333082	4061245061665
ORKAN storm washer 23-33 alu-RAL 9006	23	33	22	500		3052333084	4061245041186
ORKAN storm washer 23-33 alu-RAL 9006 VE100	23	33	22	100		3072333084	4061245046297
ORKAN storm washer 26-15 mill finish	26	15	25	500		3046900110	4061245018348
ORKAN storm washer 26-15 mill finish VE100	26	15	25	100		3076900110	4061245044996
ORKAN storm washer 26-15 alu-RAL 3000	26	15	25	500		3052615087	4061245029429
ORKAN storm washer 26-15 alu-RAL 3000 VE100	26	15	25	100		3072615087	4061245061672
ORKAN storm washer 26-15 alu-RAL 3009	26	15	25	500		3046957119	4061245030128
ORKAN storm washer 26-15 alu-RAL 3009 VE100	26	15	25	100		3076957119	4061245017914
ORKAN storm washer 26-15 alu-RAL 7016	26	15	25	500		3052615025	4061245029504
ORKAN storm washer 26-15 alu-RAL 7016 VE100	26	15	25	100		3072615025	4061245018126
ORKAN storm washer 26-15 alu-RAL 7035	26	15	25	500		3052615075	4061245029443
ORKAN storm washer 26-15 alu-RAL 7035 VE100	26	15	25	100		3072615075	4061245046327
ORKAN storm washer 26-15 alu-RAL 8004	26	15	25	500		3052615043	4061245029474
ORKAN storm washer 26-15 alu-RAL 8004 VE100	26	15	25	100		3072615043	4061245045009
ORKAN storm washer 26-15 alu-RAL 8011	26	15	25	500		3046978119	4061245030104
ORKAN storm washer 26-15 alu-RAL 8011 VE100	26	15	25	100		3076978119	4061245046334
ORKAN storm washer 26-15 alu-RAL 8012	26	15	25	500		3046940119	4061245030135





Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 26-15 alu-RAL 8012 VE100	26	15	25	100		3076940119	4061245017921
ORKAN storm washer 26-15 alu-RAL 8014	26	15	25	500		3052615079	4061245029436
ORKAN storm washer 26-15 alu-RAL 8014 VE100	26	15	25	100		3072615079	4061245073774
ORKAN storm washer 26-15 alu-RAL 9002	26	15	25	500		3046982119	4061245030098
ORKAN storm washer 26-15 alu-RAL 9002 VE100	26	15	25	100		3076982119	4061245017907
ORKAN storm washer 26-15 alu-RAL 9006	26	15	25	500		3046984119	4061245030081
ORKAN storm washer 26-15 alu-RAL 9006 VE100	26	15	25	100		3076984119	4061245017891
ORKAN storm washer 26-15 alu-RAL 9007	26	15	25	500		3052615220	4061245029399
ORKAN storm washer 26-15 alu-RAL 9007 VE100	26	15	25	100		3072615220	4061245018119
ORKAN storm washer 26-27 mill finish	26	27	25	500		3047000110	4061245018331
ORKAN storm washer 26-27 mill finish VE100	26	27	25	100		3077000110	4061245017884
ORKAN storm washer 26-27 alu stucco	26	27	25	500		3047000119	4061245041216
ORKAN storm washer 26-27 alu stucco VE100	26	27	25	100		3077000119	4061245046341
ORKAN storm washer 26-27 alu-RAL 2001	26	27	25	500		3052627204	4061245029344
ORKAN storm washer 26-27 alu-RAL 2001 VE100	26	27	25	100		3072627204	4061245073781
ORKAN storm washer 26-27 alu-RAL 3000	26	27	25	500		3047087119	4061245029887
ORKAN storm washer 26-27 alu-RAL 3000 VE100	26	27	25	100		3077087119	4061245046365
ORKAN storm washer 26-27 alu-RAL 3009	26	27	25	500		3047057119	4061245029986
ORKAN storm washer 26-27 alu-RAL 3009 VE100	26	27	25	100		3077057119	4061245017846
ORKAN storm washer 26-27 alu-RAL 6005	26	27	25	500		3052627243	4061245029306
ORKAN storm washer 26-27 alu-RAL 6005 VE100	26	27	25	100		3072627243	4061245018096
ORKAN storm washer 26-27 alu-RAL 6011	26	27	25	500		3047066119	4061245029955
ORKAN storm washer 26-27 alu-RAL 6011 VE100	26	27	25	100		3077066119	4061245045108
ORKAN storm washer 26-27 alu-RAL 7016	26	27	25	500		3047025119	4061245030036
ORKAN storm washer 26-27 alu-RAL 7016 VE100	26	27	25	100		3077025119	4061245017877
ORKAN storm washer 26-27 alu-RAL 7035	26	27	25	500		3047075119	4061245029948
ORKAN storm washer 26-27 alu-RAL 7035 VE100	26	27	25	100		3077075119	4061245045115
ORKAN storm washer 26-27 alu-RAL 8004	26	27	25	500		3047043119	4061245030005
ORKAN storm washer 26-27 alu-RAL 8004 VE100	26	27	25	100		3077043119	4061245017853
ORKAN storm washer 26-27 alu-RAL 8011	26	27	25	500		3047078119	4061245029931
ORKAN storm washer 26-27 alu-RAL 8011 VE100	26	27	25	100		3077078119	4061245017839
ORKAN storm washer 26-27 alu-RAL 8012	26	27	25	500		3047040119	4061245030012
ORKAN storm washer 26-27 alu-RAL 8012 VE100	26	27	25	100		3077040119	4061245017860
ORKAN storm washer 26-27 alu-RAL 8014	26	27	25	500		3047079119	4061245029924
ORKAN storm washer 26-27 alu-RAL 8014 VE100	26	27	25	100		3077079119	4061245045122
ORKAN storm washer 26-27 alu-RAL 9002	26	27	25	500		3047082119	4061245029917
ORKAN storm washer 26-27 alu-RAL 9002 VE100	26	27	25	100		3077082119	4061245017822
ORKAN storm washer 26-27 alu-RAL 9006	26	27	25	500		3047084119	4061245029900
ORKAN storm washer 26-27 alu-RAL 9006 VE100	26	27	25	100		3077084119	4061245017815
ORKAN storm washer 26-27 alu-RAL 9007	26	27	25	500		3052627220	4061245029313
ORKAN storm washer 26-27 alu-RAL 9007 VE100	26	27	25	100		3072627220	4061245018102
ORKAN storm washer 26-27 alu-RAL 9010	26	27	25	500		3047085119	4061245029894
ORKAN storm washer 26-27 alu-RAL 9010 VE100	26	27	25	100		3077085119	4061245046822
ORKAN storm washer 26-34 mill finish	26	34	25	500		3052634000	4061245018256
ORKAN storm washer 26-34 mill finish VE100	26	34	25	100		3072634000	4061245046372
ORKAN storm washer 26-34 alu-RAL 7016	26	34	25	500		3052634025	4061245029290
ORKAN storm washer 26-34 alu-RAL 7016 VE100	26	34	25	100		3072634025	4061245045139
ORKAN storm washer 26-34 alu-RAL 8004	26	34	25	500		3052634043	4061245029276
ORKAN storm washer 26-34 alu-RAL 8004 VE100	26	34	25	100		3072634043	4061245046389



ORKAN storm washers trapezoidal profile



Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 26-34 alu-RAL 8012	26	34	25	500		3052634040	4061245029283
ORKAN storm washer 26-34 alu-RAL 8012 VE100	26	34	25	100		3072634040	4061245046396
ORKAN storm washer 26-34 alu-RAL 9002	26	34	25	500		3052634082	4061245029238
ORKAN storm washer 26-34 alu-RAL 9002 VE100	26	34	25	100		3072634082	4061245046402
ORKAN storm washer 26-34 alu-RAL 9006	26	34	25	500		3052634084	4061245029221
ORKAN storm washer 26-34 alu-RAL 9006 VE100	26	34	25	100		3072634084	4061245061689
ORKAN storm washer 26-34 alu-RAL 9007	26	34	25	500		3052634220	4061245029177
ORKAN storm washer 26-34 alu-RAL 9007 VE100	26	34	25	100		3072634220	4061245061696
ORKAN storm washer 26-50 mill finish	26	50	25	500		3052650000	4061245018249
ORKAN storm washer 26-50 mill finish VE100	26	50	25	100		3072650000	4061245046419
ORKAN storm washer 26-50 alu-RAL 7016	26	50	25	500		3052650025	4061245029153
ORKAN storm washer 26-50 alu-RAL 7016 VE100	26	50	25	100		3072650025	4061245045153
ORKAN storm washer 26-50 alu-RAL 8004	26	50	25	500		3052650043	4061245029122
ORKAN storm washer 26-50 alu-RAL 8004 VE100	26	50	25	100		3072650043	4061245046426
ORKAN storm washer 26-50 alu-RAL 8012	26	50	25	500		3052650040	4061245029139
ORKAN storm washer 26-50 alu-RAL 8012 VE100	26	50	25	100		3072650040	4061245061702
ORKAN storm washer 31-31 mill finish	31	31	30	500		3053132000	4061245018225
ORKAN storm washer 31-31 mill finish VE100	31	31	30	100		3073132000	4061245082387
ORKAN storm washer 31-31 alu-RAL 7016	31	31	30	500		3053131025	4061245028934
ORKAN storm washer 31-31 alu-RAL 7016 VE100	31	31	30	100		3073131025	4061245082394
ORKAN storm washer 31-31 alu-RAL 8012	31	31	30	500		3053131040	4061245028927
ORKAN storm washer 31-31 alu-RAL 8012 VE100	31	31	30	100		3073131040	4061245082400
ORKAN storm washer 31-37 mill finish	31	37	30	500		3045900110	4061245082417
ORKAN storm washer 31-37 mill finish VE100	31	37	30	100		3075900110	4061245046464
ORKAN storm washer 31-37 alu-RAL 7016	31	37	30	500		3045925119	4061245082424
ORKAN storm washer 31-37 alu-RAL 7016 VE100	31	37	30	100		3075925119	4061245061719
ORKAN storm washer 31-37 alu-RAL 8004	31	37	30	500		3045943119	4061245082431
ORKAN storm washer 31-37 alu-RAL 8004 VE100	31	37	30	100		3075943119	4061245073798
ORKAN storm washer 31-37 alu-RAL 8012	31	37	30	500		3045940119	4061245082448
ORKAN storm washer 31-37 alu-RAL 8012 VE100	31	37	30	100		3075940119	4061245046488
ORKAN storm washer 31-37 alu-RAL 9002	31	37	30	500		3045982119	4061245082455
ORKAN storm washer 31-37 alu-RAL 9002 VE100	31	37	30	100		3075982119	4061245073804
ORKAN storm washer 31-37 alu-RAL 9006	31	37	30	500		3045984119	4061245082462
ORKAN storm washer 31-37 alu-RAL 9006 VE100	31	37	30	100		3075984119	4061245073811
ORKAN storm washer 32-25 mill finish	32	25	31	500		3053124000	4061245082479
ORKAN storm washer 32-25 mill finish VE100	32	25	31	100		3073124000	4061245082486
ORKAN storm washer 32-25 RAL 3000	32	25	31	500		3053124087	4061245084510
ORKAN storm washer 32-25 RAL 3000 VE 100	32	25	31	100		3073124087	4061245093086
ORKAN storm washer 32-25 alu-RAL 3009	32	25	31	500		3053124057	4061245082493
ORKAN storm washer 32-25 alu-RAL 3009 VE100	32	25	31	100		3073124057	4061245082509
ORKAN storm washer 32-25 alu-RAL 7016	32	25	31	500		3053124025	4061245082516
ORKAN storm washer 32-25 alu-RAL 7016 VE100	32	25	31	100		3073124025	4061245082523
ORKAN storm washer 32-25 alu-RAL 7035	32	25	31	500		3053124075	4061245082530
ORKAN storm washer 32-25 alu-RAL 7035 VE100	32	25	31	100		3073124075	4061245082547
ORKAN storm washer 32-25 alu-RAL 8004	32	25	31	500		3053225043	4061245028705
ORKAN storm washer 32-25 alu-RAL 8004 VE100	32	25	31	100		3073225043	4061245082554
ORKAN storm washer 32-25 alu-RAL 8012	32	25	31	500		3053124040	4061245082561
ORKAN storm washer 32-25 alu-RAL 8012 VE100	32	25	31	100		3073124040	4061245082578
ORKAN storm washer 32-25 alu-RAL 8014	32	25	31	500		3053124079	4061245082585





Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 32-25 alu-RAL 8014 VE100	32	25	31	100		3073124079	4061245082592
ORKAN storm washer 32-25 alu-RAL 9002	32	25	31	500		3053124082	4061245082608
ORKAN storm washer 32-25 alu-RAL 9002 VE100	32	25	31	100		3073124082	4061245082615
ORKAN storm washer 32-25 alu-RAL 9006	32	25	31	500		3053124084	4061245082622
ORKAN storm washer 32-25 alu-RAL 9006 VE100	32	25	31	100		3073124084	4061245082639
ORKAN storm washer 32-25 alu-RAL 9007	32	25	31	500		3053124220	4061245082646
ORKAN storm washer 32-25 alu-RAL 9007 VE100	32	25	31	100		3073124220	4061245082653
ORKAN storm washer 32-25 alu-RAL 9010	32	25	31	500		3053124085	4061245084503
ORKAN storm washer 32-25 alu-RAL 9010 VE100	32	25	31	100		3073124085	4061245093093
ORKAN storm washer 35-47 mill finish	35	47	34	500		3053547000	4061245018195
ORKAN storm washer 35-47 mill finish VE100	35	47	34	100		3073547000	4061245046501
ORKAN storm washer 35-47 alu-RAL 7016	35	47	34	500		3053547025	4061245028477
ORKAN storm washer 35-47 alu-RAL 7016 VE100	35	47	34	100		3073547025	4061245018027
ORKAN storm washer 35-47 alu-RAL 8004	35	47	34	500		3053547043	4061245028453
ORKAN storm washer 35-47 alu-RAL 8004 VE100	35	47	34	100		3073547043	4061245046518
ORKAN storm washer 35-47 alu-RAL 8012	35	47	34	500		3053547040	4061245028460
ORKAN storm washer 35-47 alu-RAL 8012 VE100	35	47	34	100		3073547040	4061245018010
ORKAN storm washer 35-47 alu-RAL 9002	35	47	34	500		3053547082	4061245028385
ORKAN storm washer 35-47 alu-RAL 9002 VE100	35	47	34	100		3073547082	4061245018003
ORKAN storm washer 35-47 alu-RAL 9006	35	47	34	500		3053547084	4061245028378
ORKAN storm washer 35-47 alu-RAL 9006 VE100	35	47	34	100		3073547084	4061245046839
ORKAN storm washer 35-47 alu-RAL 9007	35	47	34	500		3053547220	4061245028347
ORKAN storm washer 35-47 alu-RAL 9007 VE100	35	47	34	100		3073547220	4061245093307
ORKAN storm washer 36-32 mill finish	36	32	35	500		3053632000	4061245074436
ORKAN storm washer 36-32 mill finish VE100	36	32	35	100		3073632000	4061245073828
ORKAN storm washer 36-32 alu-RAL 3009	36	32	35	500		3053632057	4061245075174
ORKAN storm washer 36-32 alu-RAL 3009 VE100	36	32	35	100		3073632057	4061245093314
ORKAN storm washer 36-32 alu-RAL 7016	36	32	35	500		3053632025	4061245075181
ORKAN storm washer 36-32 alu-RAL 7016 VE100	36	32	35	100		3073632025	4061245093321
ORKAN storm washer 36-32 alu-RAL 8004	36	32	35	500		3053632043	4061245073101
ORKAN storm washer 36-32 alu-RAL 8004 VE100	36	32	35	100		3073632043	4061245073835
ORKAN storm washer 36-32 alu-RAL 8012	36	32	35	500		3053632040	4061245073118
ORKAN storm washer 36-32 alu-RAL 8012 VE100	36	32	35	100		3073632040	4061245073842
ORKAN storm washer 36-32 alu-RAL 9002	36	32	35	500		3053632082	4061245073125
ORKAN storm washer 36-32 alu-RAL 9002 VE100	36	32	35	100		3073632082	4061245073859
ORKAN storm washer 36-40 mill finish	36	40	35	500		3053538000	4061245018201
ORKAN storm washer 36-40 mill finish VE100	36	40	35	100		3073538000	4061245082660
ORKAN storm washer 36-40 alu-RAL 6005	36	40	35	500		3053640243	4061245028262
ORKAN storm washer 36-40 alu-RAL 6005 VE100	36	40	35	100		3073640243	4061245093338
ORKAN storm washer 36-40 alu-RAL 7016	36	40	35	500		3053541025	4061245028552
ORKAN storm washer 36-40 alu-RAL 7016 VE100	36	40	35	100		3073541025	4061245082677
ORKAN storm washer 36-40 alu-RAL 8004	36	40	35	500		3053541043	4061245041162
ORKAN storm washer 36-40 alu-RAL 8004 VE100	36	40	35	100		3073541043	4061245082684
ORKAN storm washer 36-40 alu-RAL 8012	36	40	35	500		3053541040	4061245041179
ORKAN storm washer 36-40 alu-RAL 8012 VE100	36	40	35	100		3073541040	4061245082691
ORKAN storm washer 36-40 alu-RAL 9002	36	40	35	500		3053541082	4061245041155
ORKAN storm washer 36-40 alu-RAL 9002 VE100	36	40	35	100		3073541082	4061245082707
ORKAN storm washer 36-40 alu-RAL 9006	36	40	35	500		3053541084	4061245057835
ORKAN storm washer 36-40 alu-RAL 9006 VE100	36	40	35	100		3073541084	4061245082714



ORKAN storm washers trapezoidal profile



Order description	Width of storm washer [mm]	Inclination angle [°]	Crown width [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer 41-16 mill finish	41	16	40	500		3046200110	4061245018379
ORKAN storm washer 41-16 mill finish VE100	41	16	40	100		3076200110	4061245045221
ORKAN storm washer 41-16 alu-RAL 7016	41	16	40	500		3046225119	4061245030524
ORKAN storm washer 41-16 alu-RAL 7016 VE100	41	16	40	100		3076225119	4061245045238
ORKAN storm washer 41-16 alu-RAL 8012	41	16	40	500		3046240119	4061245030494
ORKAN storm washer 41-16 alu-RAL 8012 VE100	41	16	40	100		3076240119	4061245045245
ORKAN storm washer 41-16 alu-RAL 9002	41	16	40	500		3046282119	4061245030425
ORKAN storm washer 41-16 alu-RAL 9002 VE100	41	16	40	100		3076282119	4061245017945
ORKAN storm washer 41-16 alu-RAL 9006	41	16	40	500		3046284119	4061245030418
ORKAN storm washer 41-16 alu-RAL 9006 VE100	41	16	40	100		3076284119	4061245045252
ORKAN storm washer 41-24 mill finish	41	24	40	500		3054124000	4061245067308
ORKAN storm washer 41-24 mill finish VE100	41	24	40	100		3074124000	4061245073873
ORKAN storm washer 41-24 alu-RAL 9002	41	24	40	500		3054124082	4061245074535
ORKAN storm washer 41-24 alu-RAL 9002 VE100	41	24	40	100		3074124082	4061245073880
ORKAN storm washer 41-32 mill finish	41	32	40	500		3049200110	4061245018300
ORKAN storm washer 41-32 mill finish VE100	41	32	40	100		3079200110	4061245017761
ORKAN storm washer 41-32 alu stucco	41	32	40	500		3049200119	4061245041209
ORKAN storm washer 41-32 alu stucco VE100	41	32	40	100		3079200119	4061245046563
ORKAN storm washer 41-32 alu-RAL 1015	41	32	40	500		3049291119	4061245029801
ORKAN storm washer 41-32 alu-RAL 1015 VE100	41	32	40	100		3079291119	4061245061726
ORKAN storm washer 41-32 alu-RAL 3000	41	32	40	500		3049287119	4061245029818
ORKAN storm washer 41-32 alu-RAL 3000 VE100	41	32	40	100		3079287119	4061245061733
ORKAN storm washer 41-32 alu-RAL 3003	41	32	40	500		3054132205	4061245028149
ORKAN storm washer 41-32 alu-RAL 3003 VE100	41	32	40	100		3074132205	4061245061740
ORKAN storm washer 41-32 alu-RAL 3009	41	32	40	500		3049257119	4061245029849
ORKAN storm washer 41-32 alu-RAL 3009 VE100	41	32	40	100		3079257119	4061245017723
ORKAN storm washer 41-32 alu-RAL 3011	41	32	40	500		3054132237	4061245041148
ORKAN storm washer 41-32 alu-RAL 3011 VE100	41	32	40	100		3074132237	4061245045269
ORKAN storm washer 41-32 alu-RAL 5010	41	32	40	500		3049260119	4061245029832
ORKAN storm washer 41-32 alu-RAL 5010 VE100	41	32	40	100		3079260119	4061245073897
ORKAN storm washer 41-32 alu-RAL 6005	41	32	40	500		3054132243	4061245028132
ORKAN storm washer 41-32 alu-RAL 6005 VE100	41	32	40	100		3074132243	4061245017983
ORKAN storm washer 41-32 alu-RAL 6011	41	32	40	500		3049266119	4061245025124
ORKAN storm washer 41-32 alu-RAL 6011 VE100	41	32	40	100		3079266119	4061245045276
ORKAN storm washer 41-32 alu-RAL 6020	41	32	40	500		3049234119	4061245025179
ORKAN storm washer 41-32 alu-RAL 6020 VE100	41	32	40	100		3079234119	4061245045283
ORKAN storm washer 41-32 alu-RAL 7016	41	32	40	500		3049225119	4061245025186
ORKAN storm washer 41-32 alu-RAL 7016 VE100	41	32	40	100		3079225119	4061245017754
ORKAN storm washer 41-32 alu-RAL 7035	41	32	40	500		3049275119	4061245025117
ORKAN storm washer 41-32 alu-RAL 7035 VE100	41	32	40	100		3079275119	4061245017716
ORKAN storm washer 41-32 alu-RAL 7037	41	32	40	500		3054132225	4061245057712
ORKAN storm washer 41-32 alu-RAL 7037 VE100	41	32	40	100		3074132225	4061245073903
ORKAN storm washer 41-32 alu-RAL 7042	41	32	40	500		3054132214	4061245057750
ORKAN storm washer 41-32 alu-RAL 7042 VE100	41	32	40	100		3074132214	4061245093345
ORKAN storm washer 41-32 alu-RAL 8004	41	32	40	500		3049243119	4061245025148
ORKAN storm washer 41-32 alu-RAL 8004 VE100	41	32	40	100		3079243119	4061245017730
ORKAN storm washer 41-32 alu-RAL 8011	41	32	40	500		3049278119	4061245025100
ORKAN storm washer 41-32 alu-RAL 8011 VE100	41	32	40	100		3079278119	4061245017709
ORKAN storm washer 41-32 alu-RAL 8012	41	32	40	500		3049240119	4061245025155
ORKAN storm washer 41-32 alu-RAL 8012 VE100	41	32	40	100		3079240119	4061245017747





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 8014	41	32	40	500		3049279119	4061245025094
ORKAN storm washer 41-32 alu-RAL 8014 VE100	41	32	40	100		3079279119	4061245061757
ORKAN storm washer 41-32 alu-RAL 9002	41	32	40	500		3049282119	4061245025087
ORKAN storm washer 41-32 alu-RAL 9002 VE100	41	32	40	100		3079282119	4061245017693
ORKAN storm washer 41-32 alu-RAL 9006	41	32	40	500		3049284119	4061245025070
ORKAN storm washer 41-32 alu-RAL 9006 VE100	41	32	40	100		3079284119	4061245017686
ORKAN storm washer 41-32 alu-RAL 9007	41	32	40	500		3054132220	4061245024509
ORKAN storm washer 41-32 alu-RAL 9007 VE100	41	32	40	100		3074132220	4061245017990
ORKAN storm washer 41-32 alu-RAL 9010	41	32	40	500		3049285119	4061245025063
ORKAN storm washer 41-32 alu-RAL 9010 VE100	41	32	40	100		3079285119	4061245045290
ORKAN storm washer 41-39 mill finish	41	39	40	500		3054139000	4061245018188
ORKAN storm washer 41-39 mill finish VE100	41	39	40	100		3074139000	4061245041124
ORKAN storm washer 41-39 alu-RAL 3009	41	39	40	500		3054139057	4061245024448
ORKAN storm washer 41-39 alu-RAL 3009 VE100	41	39	40	100		3074139057	4061245046570
ORKAN storm washer 41-39 alu-RAL 7016	41	39	40	500		3054139025	4061245024493
ORKAN storm washer 41-39 alu-RAL 7016 VE100	41	39	40	100		3074139025	4061245017976
ORKAN storm washer 41-39 alu-RAL 7035	41	39	40	500		3054139075	4061245024400
ORKAN storm washer 41-39 alu-RAL 7035 VE100	41	39	40	100		3074139075	4061245093352
ORKAN storm washer 41-39 alu-RAL 8004	41	39	40	500		3054139043	4061245024462
ORKAN storm washer 41-39 alu-RAL 8004 VE100	41	39	40	100		3074139043	4061245045306
ORKAN storm washer 41-39 alu-RAL 8011	41	39	40	500		3054139078	4061245024394
ORKAN storm washer 41-39 alu-RAL 8011 VE100	41	39	40	100		3074139078	4061245045443
ORKAN storm washer 41-39 alu-RAL 8012	41	39	40	500		3054139040	4061245024479
ORKAN storm washer 41-39 alu-RAL 8012 VE100	41	39	40	100		3074139040	4061245017969
ORKAN storm washer 41-39 alu-RAL 9002	41	39	40	500		3054139082	4061245024370
ORKAN storm washer 41-39 alu-RAL 9002 VE100	41	39	40	100		3074139082	4061245017952
ORKAN storm washer 41-39 alu-RAL 9006	41	39	40	500		3054139084	4061245024363
ORKAN storm washer 41-39 alu-RAL 9006 VE100	41	39	40	100		3074139084	4061245045320
ORKAN storm washer 41-39 alu-RAL 9007	41	39	40	500		3054139220	4061245024318
ORKAN storm washer 41-39 alu-RAL 9007 VE100	41	39	40	100		3074139220	4061245045337
ORKAN storm washer 41-50 mill finish	41	50	40	500		3054150000	4061245018171
ORKAN storm washer 41-50 mill finish VE100	41	50	40	100		3074150000	4061245046587
ORKAN storm washer 41-50 steel uncoated	41	50	40	500		3054150610	4061245041131
ORKAN-Kalotte 41-50 steel uncoated VE100	41	50	40	100		3074150610	4061245073910
ORKAN storm washer 41-50 alu-RAL 7016	41	50	40	500		3054150025	4061245024295
ORKAN storm washer 41-50 alu-RAL 7016 VE100	41	50	40	100		3074150025	4061245046594
ORKAN storm washer 55-32 mill finish	55	32	54	400		3049500110	4061245018294
ORKAN storm washer 55-32 mill finish VE100	55	32	54	100		3079500110	4061245045344
ORKAN storm washer 55-32 alu-RAL 7016	55	32	54	400		3049525119	4061245025049
ORKAN storm washer 55-32 alu-RAL 7016 VE100	55	32	54	100		3079525119	4061245017679
ORKAN storm washer 55-32 alu-RAL 7035	55	32	54	400		3049575119	4061245024943
ORKAN storm washer 55-32 alu-RAL 7035 VE100	55	32	54	100		3079575119	4061245061764
ORKAN storm washer 55-32 alu-RAL 8012	55	32	54	400		3049540119	4061245025001
ORKAN storm washer 55-32 alu-RAL 8012 VE100	55	32	54	100		3079540119	4061245017662
ORKAN storm washer 55-32 alu-RAL 9002	55	32	54	400		3049582119	4061245024912
ORKAN storm washer 55-32 alu-RAL 9002 VE100	55	32	54	100		3079582119	4061245017655
ORKAN storm washer 55-32 alu-RAL 9006	55	32	54	400		3049584119	4061245024905
ORKAN storm washer 55-32 alu-RAL 9006 VE100	55	32	54	100		3079584119	4061245017648
ORKAN storm washer 55-32 alu-RAL 9007	55	32	54	400		3055532220	4061245024035
ORKAN storm washer 55-32 alu-RAL 9007 VE100	55	32	54	100		3075532220	4061245046600

ORKAN storm washer corrugated



Cross references	page
Self-drilling screw JF3-6.8	44
Self-drilling screw JT3-2-6.5	48
Self-drilling screw JT3-6-5.5	54
Self-drilling screw JT3-12-5.5	58
Self-drilling screw JT3-18-5.5	61
Self-tapping screw JZ5-6.3	84

Application range

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

Properties

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

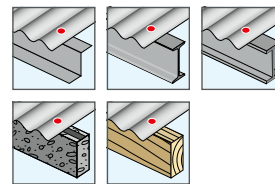
Benefits

- > Increased installation reliability
- > High dimensional stability
- > Optimum load transmission
- > Sophisticated fastening system in combination with self-drilling and self-tapping screws

Note

Only use screws with 16 mm and 19 mm washer diameter. For determination of the clamp thickness please take the storm washer into account with 3 mm. The guidelines and installation instructions given by the profile and panel manufacturer are to be observed. Storm washers which are not mentioned are special storm washers. Please note surcharges. Storm washers are to be stored in a dry place until installation.

Applications



Technical specifications



Certifications



Product online



Order description	Radius [mm]	For corrugated profile	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer W24 mill finish	24	18/76	50	500		3047700110	4061245086101
ORKAN storm washer W24 mill finish VE100	24	18/76	50	100		3077700110	4061245082738
ORKAN storm washer W24 alu- RAL 3009	24	18/76	50	500		3047757119	4061245086149
ORKAN storm washer W24 alu-RAL 3009 VE100	24	18/76	50	100		3077757119	4061245082752
ORKAN storm washer W24 alu- RAL 7016	24	18/76	50	500		3047725119	4061245086118
ORKAN storm washer W24 alu-RAL 7016 VE100	24	18/76	50	100		3077725119	4061245082776
ORKAN storm washer W24 alu- RAL 8004	24	18/76	50	500		3047743119	4061245086132
ORKAN storm washer W24 alu-RAL 8004 VE100	24	18/76	50	100		3077743119	4061245082790
ORKAN storm washer W24 alu- RAL 8011	24	18/76	50	500		3047778119	4061245086156
ORKAN storm washer W24 alu-RAL 8011 VE100	24	18/76	50	100		3077778119	4061245082813
ORKAN storm washer W24 alu- RAL 8012	24	18/76	50	500		3047740119	4061245086125
ORKAN storm washer W24 alu-RAL 8012 VE100	24	18/76	50	100		3077740119	4061245082837
ORKAN storm washer W24 alu- RAL 9006	24	18/76	50	500		3047784119	4061245086163
ORKAN storm washer W24 alu-RAL 9006 VE100	24	18/76	50	100		3077784119	4061245082851
ORKAN storm washer W24 alu- RAL 9007	24	18/76	50	500		3050024220	4061245086170
ORKAN storm washer W24 alu-RAL 9007 VE100	24	18/76	50	100		3070024220	4061245082875
ORKAN storm washer W30 mill finish	30	27/111	50	500		3050030000	4061245084701
ORKAN storm washer W30 mill finish VE100	30	27/111	50	100		3070030000	4061245084763
ORKAN storm washer W30 alu- RAL 7016	30	27/111	50	500		3050030025	4061245084718
ORKAN storm washer W30 alu-RAL 7016 VE100	30	27/111	50	100		3070030025	4061245084770





Order description	Radius [mm]	For corrugated profile	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
ORKAN storm washer W30 alu- RAL 9006	30	27/111	50	500		3050030084	4061245084725
ORKAN storm washer W30 alu-RAL 9006 VE100	30	27/111	50	100		3070030084	4061245084787
ORKAN storm washer W48 mill finish	48	42/160 + 55/177	50	500		3047400110	4061245082882
ORKAN storm washer W48 mill finish VE100	48	42/160 + 55/177	50	100		3077400110	4061245082905
ORKAN storm washer W48 alu- RAL 7016	48	42/160 + 55/177	50	500		3047425119	4061245082912
ORKAN storm washer W48 alu-RAL 7016 VE100	48	42/160 + 55/177	50	100		3077425119	4061245082929
ORKAN storm washer W48 alu- RAL 8004	48	42/160 + 55/177	50	500		3050048043	4061245082936
ORKAN storm washer W48 alu-RAL 8004 VE100	48	42/160 + 55/177	50	100		3070048043	4061245082943
ORKAN storm washer W48 alu- RAL 8012	48	42/160 + 55/177	50	500		3050048040	4061245082950
ORKAN storm washer W48 alu-RAL 8012 VE100	48	42/160 + 55/177	50	100		3070048040	4061245082967
ORKAN storm washer W48 alu- RAL 9006	48	42/160 + 55/177	50	500		3047484119	4061245082974
ORKAN storm washer W48 alu-RAL 9006 VE100	48	42/160 + 55/177	50	100		3077484119	4061245082981

Selection guide for ORKAN storm washers

This list is not exhaustive. Profiles which are not listed or marked with asterisk * are available upon request.

Manufacturer	Profile description	Storm washer type	Manufacturer	Profile description	Storm washer type
Alubel	Alubel 28	41-32	Bieber	89/305	41-32
	Alubel 21	26-34		100/275	41-24*
	Alubel 40	41-32		106/250	41-16
	Alubel 44	31-31		110/333	41-16
	Alutech Dach	26-27		135/310	41-24*
Aluform	Aluform 20/125	41-32	Brucha	150/280	41-24*
	Aluform 29/124	20-34		160/250	41-16
	Aluform 30/153	26-34		170/250	41-16
	Aluform 40/167	35-23*	DS Staalprofiel	DP72/82/102/122/142/162/182/202	26-15
	Aluform 42/250	31-31		DP-F	26-15
	Aluform 45/150	26-27	Falk	DS 20/115	26-34
	Aluform 45/200	41-24*		DS 35/190	41-39
	Alutherm DT 900	26-27		DS 35/206	36-40
	Alutherm DT 1000	31-31		DS Sinus 35/143	W 30
	Corrugated sheet 18/76	W 24	Feilmeier	SISCOROOF 4G	21-16
	Corrugated sheet 35/137	W 43		SISCOTEK ROOF 4G	21-16
	Corrugated sheet 55/177	W 48		FALK 1100 TR 3+	53-36
	A 35/207	35-47		FALK 1000/35 TR	53-36
AL 34/207	41-39	Finish Profiles	FALK 1000 TR	53-36	
B 35/207	41-16		EL 22/214	36-40	
39/333 T	26-27		EL 30/220	41-50	
AL 40/183	41-16		EL 35/207	41-32	
A 40/183	41-24*	Fischer	EL 39/333/S	36-32*	
44/180	53-36		EL 40/183	41-16	
AL 45/150	26-27		EL 45/333/S	31-37	
50/262.5	46-43		EL 50/250	53-36*	
85/280	41-39	Balex	Corrugated sheet EL 18/76	W24	
100/275	41-24*		Dakprofiel 18 - 76	W 24	
105/345	41-24*		Dakprofiel 42 - 960	W 48	
106/250	41-16		Dakprofiel 35 - 1000	41-24*	
Ondatherm 1001 TS	26-27	Arcelor	Dakprofiel 40 - 915	41-16	
Ondafibre 3005 T	26-27		Dakprofiel 50 - 1000	55-32	
Agratherm 1001 TS	26-27		Dakprofiel 58 - 945 KD	53-36*	
Corrugated sheet 18/76	W24		Dakprofiel 70R - 800	53-18*	
Balextherm-PV-R	26-27	Bieber	35/207	41-32	
20/125	41-32		40/183	41-16	
30/262K	41-50		50/250	55-32	
35/207	41-32		85/280	41-32	
40/183/183 S	41-16	Balex	100/275	41-24*	
50/250	41-39		135/310	41-24*	
50/262	46-43*		150/280	41-24*	
58/315K	53-36*		165/250	41-16	
70/200	53-18*	Fischer	Sinus 18	W 24	
80/307	41-32		Sinus 27	W 30	





Selection guide for ORKAN storm washers

This list is not exhaustive. Profiles which are not listed or marked with asterisk * are available upon request.

Manufacturer	Profile description	Storm washer type	Manufacturer	Profile description	Storm washer type
Fischer	Sinus 42	W 48		KAS -18/76	W 24
	DL 70; 80; 100; 120; 140; 160	41-32		KAS -42/160	W 48
	20/220	41-50		KAS -55/177	W 48
Friedrich von Lien AG Weckmann	W-20/990	26-34	Klöckner	KAS -D 65 - 115	36-40
	W-20/1100	26-50		KAS -D 68	21-16
	W-35/1035	41-39		KAS -D 80	41-32
	W-45R/900	41-24*		KAS -D 62 - 142	26-15
	W-45ER/1000	26-34	Lattonedil	Isocopre	21-25
	W-155/840	41-24*		Eurocinque	21-25
Hoesch Bausysteme	W-1/1064	W 24		Eurocopre	21-25
	Hoesch Thermorock Dach	23-33		35-207	41-32
	Hoesch Isodach RD	32-25		22-214	41-39
	T 35.1	41-39		20-75	26-34
	T 40.1	41-16	Laukien	45-333 S	26-27
	T 50.1	55-32		40-100	31-31
	T 85.1	41-32		50-250	41-39
	T 100.1	41-24*		18 / 76	W 24
	T 106.1	41-16		27 / 111	W 30
	WP 18/76	W 24	42 / 160	W 48	
	WP 42/160	W 48	55 / 177	W 48	
	WP 27/111	W 30	Lindab	LP 20	26-34
	Italpanelli	Penta 40		21-16	LP 35
Jl 33.250.1000		23-33		LP 1100	26-45*
Jl 45.333.1000		26-27		Sinus 18	W 24
Jl Vulcasteel Roof		26-34	Luxmetall	LM40 250 1000	26-27
Jl 35.207.1035		41-39		LM19 156 1094	26-45*
Jl 40.183.915	41-16	LM 27-111-1000		W 30	
Joriside	Jl 50.250.1000	55-32		20-75	26-34
	Jl 56.317.945	53-42*		22-214	41-39
	Jl Roof 1000	26-27		35-207	41-32
	Jl Ecopaneel 1000	23-33		40-100	31-31
	Kingspan	KS 1000 RW		32-25	45-150
KS 1000 FF		23-33	Maas	45-333 S	26-27
Klinger & Partner	35.207.1035	41-39		50-250	41-39
	39.333.1000	26-34	Corrugated sheet 18-76	W24	
Klöckner	KAS AL-20/125 A	41-32	Corrugated sheet 27-111	W30	
	KAS AL-30/153 A	26-27	Corrugated sheet 55-177	W48	
	KAS-35/207	41-32	Isopaneel	26-27	
	KAS AL-40/167 A	35-23*	Metecno	G4	21-16
	KAS-40/183	41-16		Hipertec Dach	21-16
	KAS AL-45/200 A	41-24*		Hipertec Dach Sound	21-16
	KAS-50/250	55-32		Toproof DG	20-34
	KAS-85/280	41-39	Montana	SISCO	21-16
	KAS-89/305	41-32		SP 20	26-34





Selection guide for ORKAN storm washers

This list is not exhaustive. Profiles which are not listed or marked with asterisk * are available upon request.

Manufacturer	Profile description	Storm washer type	Manufacturer	Profile description	Storm washer type	
Montana	SP 26	41-24*	Plannja	Corrugated sheet 55.177	W48	
	SP 30	41-50		Corrugated sheet 27.111	W30	
	SP 35	41-32		Plannja 19	26-45*	
	SP 40	41-16		Plannja 20-105	26-38*	
	SP 44	31-22*		Plannja 35	41-32	
	SP 45	41-32		Sinus 18	W24	
	SP 59	35-23*		Sinus 51	W48	
	SP 80	41-16		Plannja 20	36-40	
	MTD TL 65	35-23*		Plannja 60	41-16	
	MTD TL 85	35-23*		Plannja 30	31-37	
	MTD TL 105	35-23*		Plannja 45	41-39	
	MTD TL 125	35-23*		T18 DR	35-47	
	MTD TL 145	35-23*		T20 M	35-47	
	SP 18/1064	W 24		T35 DR	41-32	
	SP 27/1000	W 30		T35 M	41-32	
	SP 42/960	W 48		T35 E	41-32	
M-Profile	KP	36-40	Polmetal	T40	41-39	
	M 20/210; M 20KD/210	41-39		T45P	32-25	
	M 35/207	41-39		T50P	46-43	
	M 35.1/207	35-47		20/154	26-34*	
	M 40/183	41-16		26/143	41-32	
	M 40.1/183	41-24*		30/207	35-47	
	M 40/333; M 40KD/333	26-27		30/220	41-50	
	M 50/250	55-32		30 KD	41-50	
	M 85/280	41-32		35/207	41-39	
	M 100/275	41-24*		40/183	41-16	
	M 150/280	41-24*		45/150	41-32	
	M 160/250	41-16		45/333	32-25	
	M 18/76; M 18.1/76	W 24		50/250	55-32	
	M 27/111; M 27.1/111	W 30		58 KD	53-42*	
	20,125/8	41-32		Proge	59/225	35-23*
	20,136/8	31-45*			70/200	53-18*
25,280/3	41-16	80/277	41-16			
25,268/4	26-38*	85/280	41-39			
30,207/5	35-23*	89/305	41-32			
30,153/7	26-34	100/275	41-24*			
35,207/5	41-39	105/345	41-24*			
40,183/5	41-16	106/250	41-16			
40,250/4	26-27	Corrugated sheet 18/76	W 24			
45,150/6	26-27	Corrugated sheet 27/111	W 30			
45,333/3	26-27	Corrugated sheet 42/160	W 48			
50,250/4	55-32	Corrugated sheet 55/177	W 48			
50,262.5/4	46-43*	Romakowski	D62; D82; D102; D122; D142; D162; D182		26-15	
Corrugated sheet 18.76	W 24					





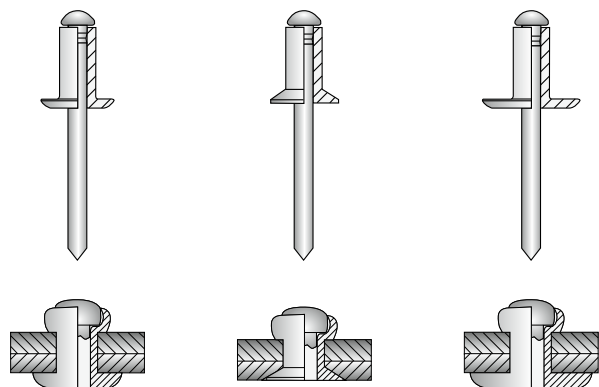
Selection guide for ORKAN storm washers

This list is not exhaustive. Profiles which are not listed or marked with asterisk * are available upon request.

Manufacturer	Profile description	Storm washer type	Manufacturer	Profile description	Storm washer type	
Sab	19(KD)/1050	26–50	Wurzer Profiliertechnik	WU 50/250	55–32	
	35R/1035	41–32		WU 80/307	41–32	
	40R/915	41–16		WU 100/275	41–24*	
	50R/1000	55–32		WU 18/76	W 24	
	70R/800	53–18*		WU 27/111	W 30	
	85R/1120	41–39		WU 55/177	W 48	
	89R/915	41–32				
	100R/825	41–24*				
	30KD/1050	41–50				
	45KD/1000	32–25				
	45KD/1000S	26–27				
	58KD/945	53–36*				
	Sab	65-75-95-115-135		36–40		
		D 70.1000 TL		31–37		
D 90.1000 TL		31–37				
D 110.1000 TL		31–37				
D 130.1000 TL		31–37				
D 135.1000 TL		36–40				
D 160.1000 TL		31–37				
18 / 988		W 24				
42 / 960		W 48				
27 / 1000		W 24				
Salzgitter		PS 35/207	41–32			
	PS 40/183	41–16				
	PS 50/250	55–32				
	PS 85/280	41–39				
	PS 100/275	41–24*				
Siegmetall	SIP D	41–32				
	S 18/76	W 24				
	S 35/207	35–47				
	40/183	41–16				
	40/333	26–27				
	50/250	55–32				
	CB 75/305	41–39				
Trimo	85/280	41–32				
	100/275	41–16				
Wurzer Profiliertechnik	SNV	26–27				
	WU 20/125	41–32				
	WU 30/200	20–34				
	WU 30D/207	35–47				
	WU 30W/207	35–47				
	WU 35/207	41–32				
	WU 40/183	41–16				
	WU 45/333	26–27				

ECORIV® rivets

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

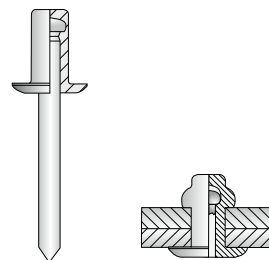


Standard blind rivet

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

Closed-end rivets

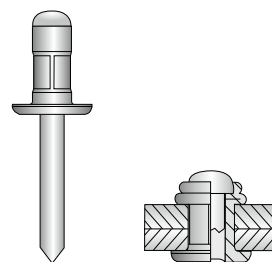
Due to their cup-shaped rivet body, closed-end rivets are the experts for rainproof processing. Thanks to this special design, the remaining rivet mandrel is captive as well. Furthermore, the rivet forms an even, burr-free closing head and is thus particularly suitable for automated processing. Because of the mentioned features, the closed-end rivet is a preferred fastening element in the building industry.



Multigrip rivets

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

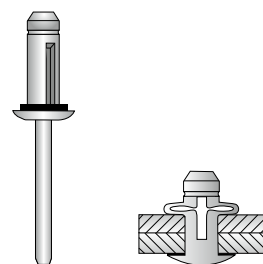
Nowadays, multigrip rivets are used in virtually every branch of industry, for example in the vehicle construction, air-conditioning technology or container and apparatus construction. Furthermore, the multigrip rivet is perfectly suitable as a repair rivet.



Folding blind rivets

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

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



Operating principle (example: blind rivet)

Form-fitted riveted joint of several components

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

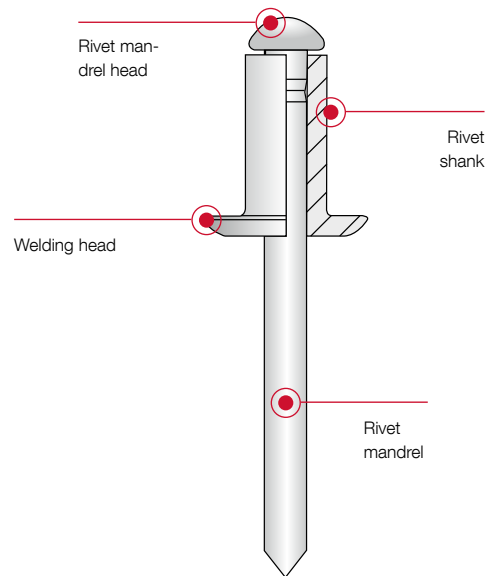
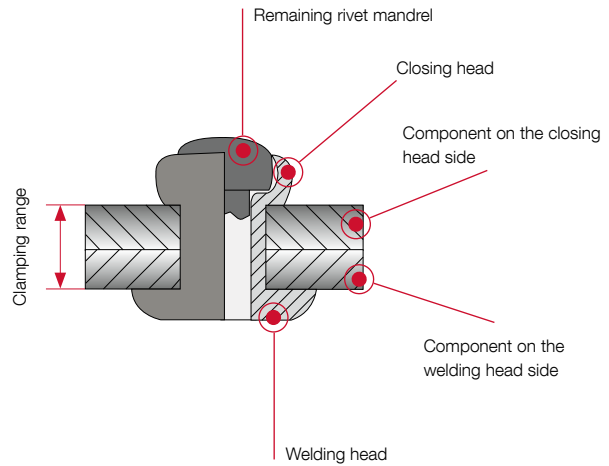
The rivet body is the element which creates the joint.

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

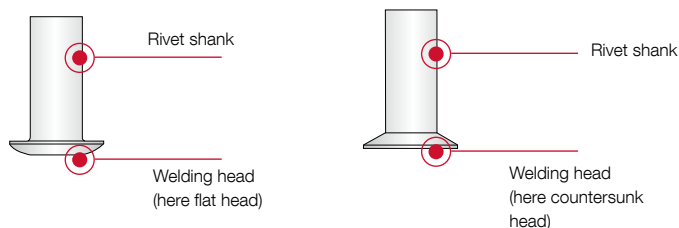
- > the expected mechanical loadings,
- > the corrosion requirements,
- > the design of the components,
- > the thermal stress and to some extent also
- > the optics (flat or countersunk head).

The rivet mandrel is necessary to form the rivet body.

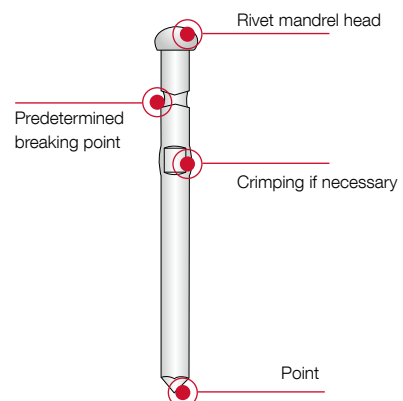
It is designed according to the body type and the requirements concerning the processing and functional properties. For some special rivet types, the rivet mandrel remaining in the joint after the installation is used to increase the shear force of the rivet.



Rivet body

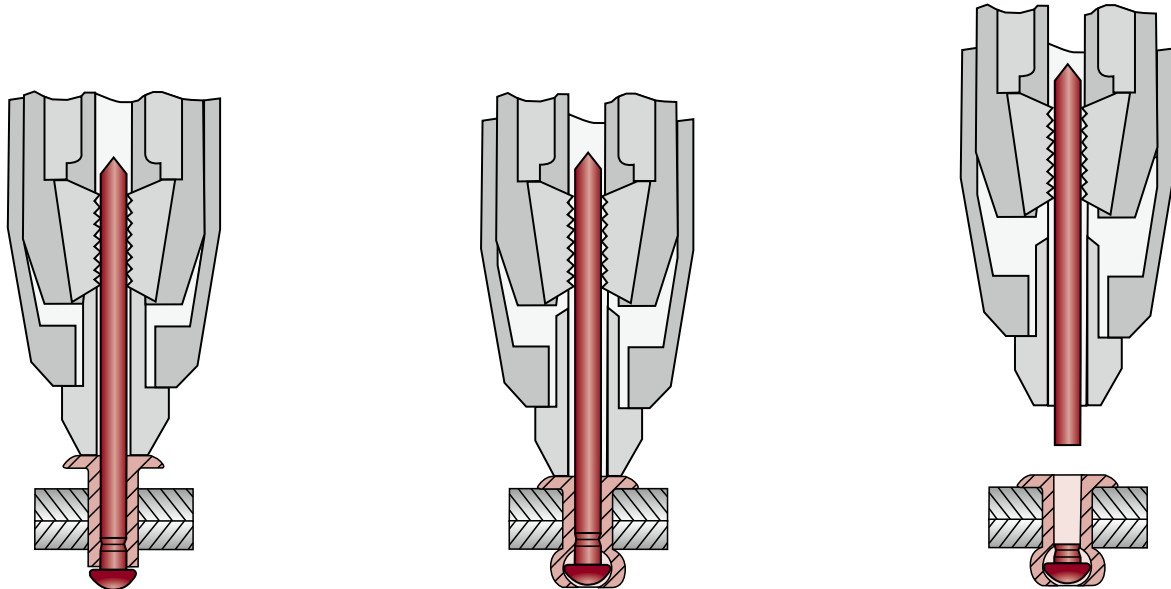


Rivet mandrel



Correct installation of rivets

Special tools are necessary to install blind rivets. The choice of tool depends on the type of rivet (Bulbtite nose piece, retaining or facade nose piece) and the amount of processing (hand riveter, lever riveter or battery riveter).



The installation process (example: battery riveter)

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

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

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



Rivet mandrel and clamping jaws

Closed-end rivet ECORIV® aluminium/stainless steel



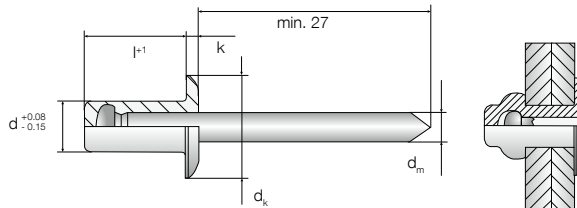
Cross references	page
Cordless riveter ECORIV	137
Drill bit HSS	138

Application range

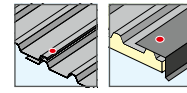
- > For side lap stitching of profiled sheets

Properties

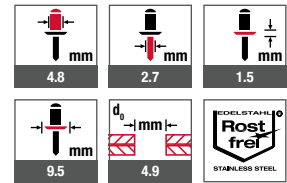
- > Rivet body made of aluminium (Al)
- > Mandrel made of stainless steel (E)
- > Captive locked
- > Flat head, closed
- > ETA-22/0641



Applications



Technical specifications



Product online



Order description	l+1 [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Closed-end rivet ECORIV AL/E 4.8x8.0	8.0	0.5–3.5	500		9334403000	4061245021690
Closed-end rivet ECORIV AL/E 4.8x9.5	9.5	3.0–5.0	500		9334404000	4061245021706
Closed-end rivet ECORIV AL/E 4.8x12.5	12.5	4.5–6.5	500		9334405000	4061245021713
Closed-end rivet ECORIV AL/E 4.8x14.0	14.0	7.5–9.5	500		9334406000	4061245021720
Closed-end rivet ECORIV AL/E 4.8x16.0	16.0	9.0–11.0	500		9334408000	4061245021737
Closed-end rivet ECORIV AL/E 4.8x21.0	21.0	12.5–16.0	500		9334411000	4061245021744

Multigrip rivet ECORIV® aluminium/stainless steel



Cross references	page
Cordless riveter ECORIV	137
Drill bit HSS	138

Product online

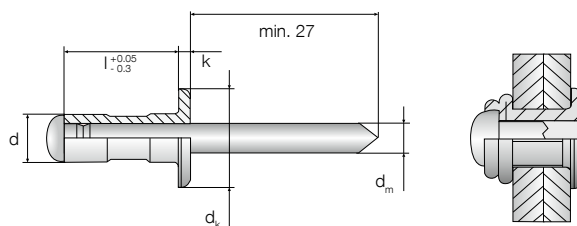


Application range

- > For side lap stitching of profiled sheets

Properties

- > Rivet body made of aluminium (Al)
- > Mandrel made of stainless steel (E)
- > Captive locked
- > Flat head, open
- > ETA-22/0641



Applications



Technical specifications



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





Order description	PU [pieces]	Price/100 [EUR]	Article number	EAN
Multigrip rivet ECORIV AL/E 4.0x9.5	500		9337360000	4061245021379
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 7016	100		9337360025	4061245046679
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9002	100		9337360082	4061245046686
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9006	100		9337360084	4061245046693
Multigrip rivet ECORIV AL/E 4.0x9.5 RAL 9007	100		9337360220	4061245046709
Multigrip rivet ECORIV AL/E 4.8x10.3	500		9337361000	4061245021386
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 7016	100		9337361025	4061245046716
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9002	100		9337361082	4061245046723
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9006	100		9337361084	4061245046730
Multigrip rivet ECORIV AL/E 4.8x10.3 RAL 9007	100		9337361220	4061245046747
Multigrip rivet ECORIV AL/E 4.8x15.1	500		9337362000	4061245021393
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 7016	100		9337362025	4061245046754
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9002	100		9337362082	4061245046761
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9006	100		9337362084	4061245046778
Multigrip rivet ECORIV AL/E 4.8x15.1 RAL 9007	100		9337362220	4061245046785
Multigrip rivet ECORIV AL/E 4.8x24.8	500		9337363000	4061245021607

Folding blind rivet ECORIV® aluminium/aluminium



Cross references	page
Cordless riveter ECORIV	137
Drill bit HSS	138

Product online



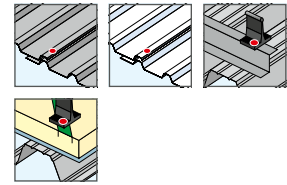
Application range

- > For side lap stitching of profiled metal and plastic sheets
- > For fixing standing seam systems (clips) on metal substructures
- > For fixing standing seam systems (clips) on milled system rails

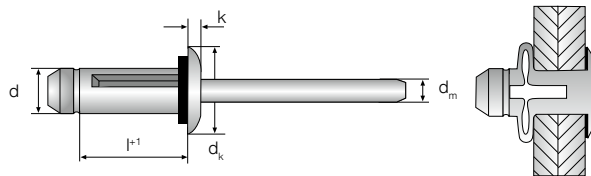
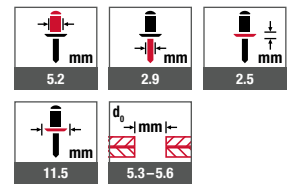
Properties

- > Rivet body made of aluminium (Al)
- > Mandrel made of aluminium (Al)
- > Captive locked
- > Flat head, open
- > With neoprene sealing ring
- > ETA-22/0641

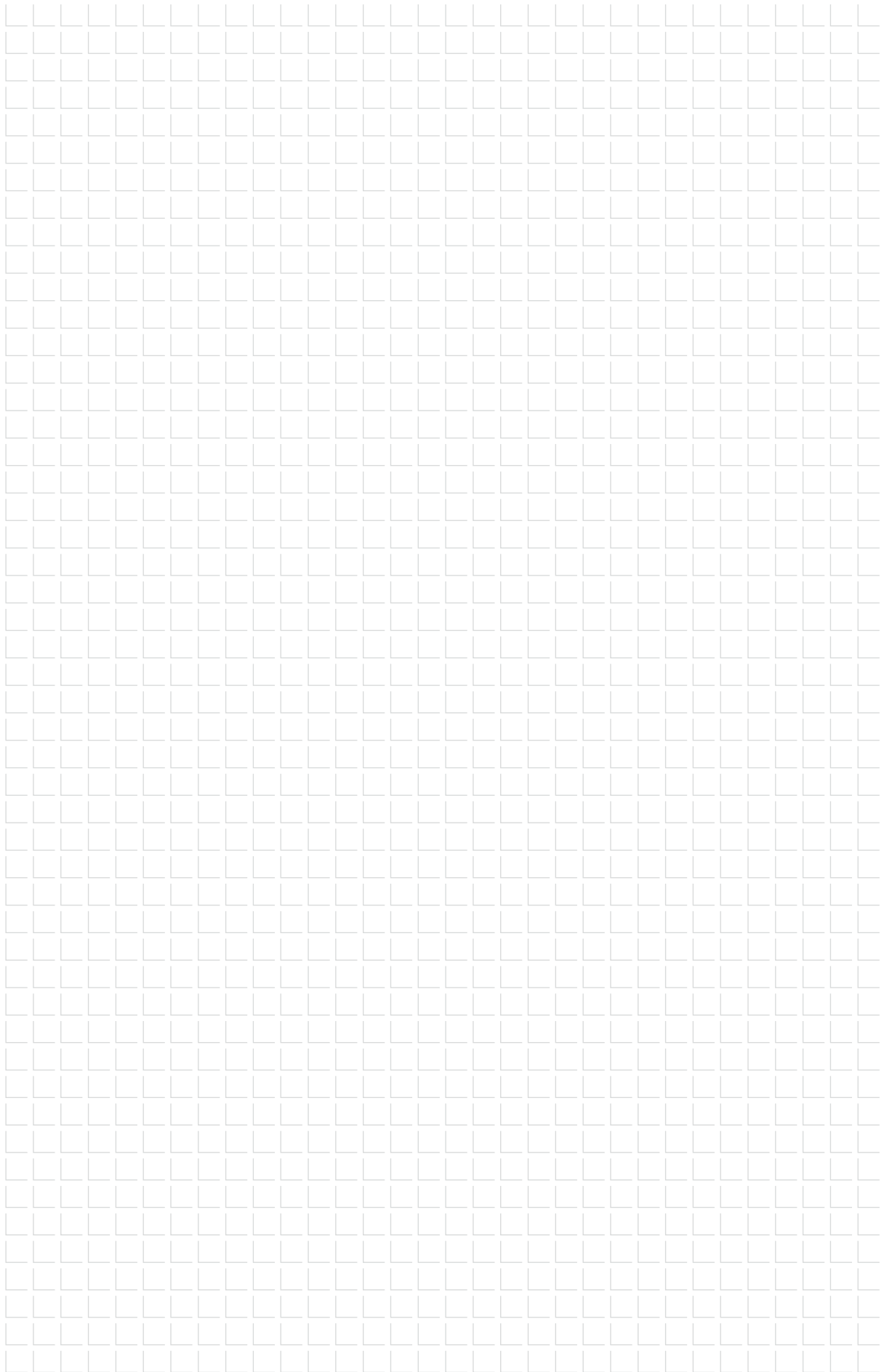
Applications



Technical specifications



Order description	l+1 [mm]	Clamping thickness [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Folding blind rivet ECORIV ALU 5.2x17.5	17.5	1.3–4.7	500		9385641000	4061245021751
Folding blind rivet ECORIV ALU 5.2x20.5	20.5	3.0–7.7	500		9385642000	4061245021768
Folding blind rivet ECORIV ALU 5.2x22.2	22.2	4.8–9.5	500		9385643000	4061245021775
Folding blind rivet ECORIV ALU 5.2x25.4	25.4	8.0–12.7	500		9385644000	4061245021782
Folding blind rivet ECORIV ALU 5.2x28.6	28.6	11.1–16.9	500		9385645000	4061245021799
Folding blind rivet ECORIV ALU 5.2x31.8	31.8	14.3–19.1	250		9385646000	4061245021805



Scaffolding Anchors

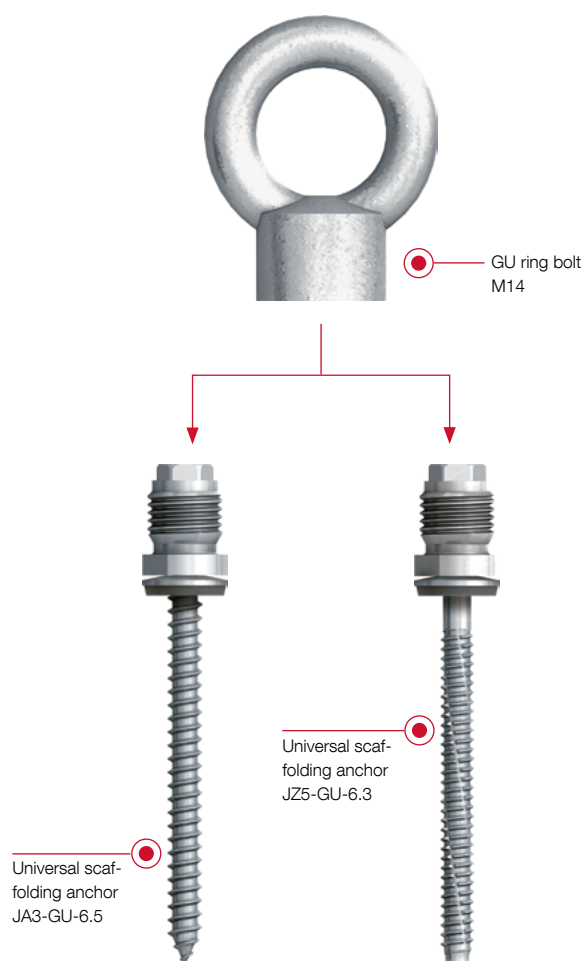
Tensile- and pressure-resistant connections for anchoring scaffoldings in the industrial lightweight construction

Properties

- > GT scaffolding anchors and GU threaded sleeves made of stainless steel
- > Ring bolt forged steel, zinc-plated and stainless steel
- > For use in steel substructure (type JZ 5 ... Ø 6.3 mm)
- > For use in timber substructure (type JA 3 ... Ø 6.5 mm)
- > Length range GT 25 mm–64 mm
- > Length range GT 15 mm–210 mm
- > Repeat use of GU-threaded sleeve possible

Note

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



Universal scaffolding anchor JA3-GU-6.5



Cross references	page
Socket wrench insert SW3/8"	140
Cordless screwdriver	
ASCS 6.3	136
Drill bit HSS	138
GU ring bolt M14	137
GU threaded sleeve	137

Application range

- > For installation into timber

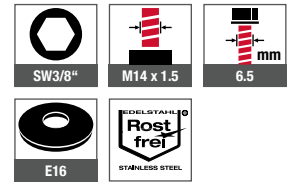
Properties

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

Note

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

Technical specifications



Characteristic values for the load-carrying capacity Timber substructure

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

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

Product online



Order description	Effective length [mm]	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JA3-GU-6.5x55 E16	55	75	50		9403611311	4061245013213
JA3-GU-6.5x70 E16	70	90	50		9403911311	4061245013206
JA3-GU-6.5x80 E16	80	100	50		9404011311	4061245013190
JA3-GU-6.5x95 E16	95	115	50		9404111311	4061245013183
JA3-GU-6.5x105 E16	105	125	50		9404211311	4061245013176
JA3-GU-6.5x130 E16	130	150	50		9404411311	4061245013169
JA3-GU-6.5x155 E16	155	175	50		9404611311	4061245013152
JA3-GU-6.5x180 E16	180	200	50		9404711311	4061245013145

Universal scaffolding anchor JZ5-GU-6.3



Cross references	page
Socket wrench insert SW3/8"	140
Cordless screwdriver	
ASCS 6.3	136
Drill bit HSS	138
Drill hole chart	83
GU ring bolt M14	117
GU threaded sleeve	117

Product online



Application range

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

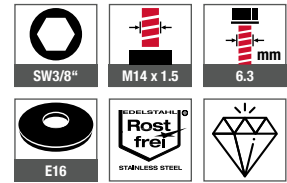
Properties

- > A2 stainless steel
- > Consisting of GU threaded sleeve and JZ5-6.3xL self-tapping screw

Note

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

Technical specifications



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

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

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

Order description	Clamp thickness [mm]	Screw length L [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
JZ5-GU-6.3x13 E16	13	40	50		9491311311	4061245081755
JZ5-GU-6.3x25 E16	25	53	50		9491411311	4061245081762
JZ5-GU-6.3x35 E16	35	63	50		9491511311	4061245081779
JZ5-GU-6.3x55 E16	55	83	50		9491611311	4061245081786
JZ5-GU-6.3x65 E16	65	93	50		9491711311	4061245081793
JZ5-GU-6.3x75 E16	75	103	50		9491811311	4061245081809
JZ5-GU-6.3x85 E16	85	113	50		9491911311	4061245081816
JZ5-GU-6.3x95 E16	95	123	50		9492011311	4061245081823
JZ5-GU-6.3x105 E16	105	133	50		9492111311	4061245081830
JZ5-GU-6.3x115 E16	115	143	50		9492211311	4061245081847
JZ5-GU-6.3x125 E16	125	153	50		9492311311	4061245081854
JZ5-GU-6.3x135 E16	135	163	50		9492411311	4061245081878
JZ5-GU-6.3x155 E16	155	183	50		9492511311	4061245083308
JZ5-GU-6.3x175 E16	175	203	50		9492611311	4061245081885
JZ5-GU-6.3x195 E16	195	223	50		9492711311	4061245081892
JZ5-GU-6.3x215 E16	215	243	50		9492811311	4061245081908

GU ring bolt M14



Application range

- > For universal scaffolding anchor GU

Properties

- > Zinc-plated forged steel

Technical specifications



Cross references	page
GU threaded sleeve	117
Scaffolding anchor JA3-GU-6.5	115
Scaffolding anchor JZ5-GU-6.3	116

Product online



Order description	Ring diameter [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
GU ring bolt M14	25.0	50		9409400501	4061245013138

GU threaded sleeve



Application range

- > Can be extended to a universal scaffolding anchor GU
- > Can be combined with all EJOT JA3 self-tapping screws with diameter 6.5 mm
- > Can be combined with all EJOT JA5 self-tapping screws with diameter 6.3 mm
- > For ring bolts M14

Technical specifications



Cross references	page
GU ring bolt M14	117
Scaffolding anchor JA3-GU-6.5	115
Scaffolding anchor JZ5-GU-6.3	116

Properties

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

Note

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

Product online

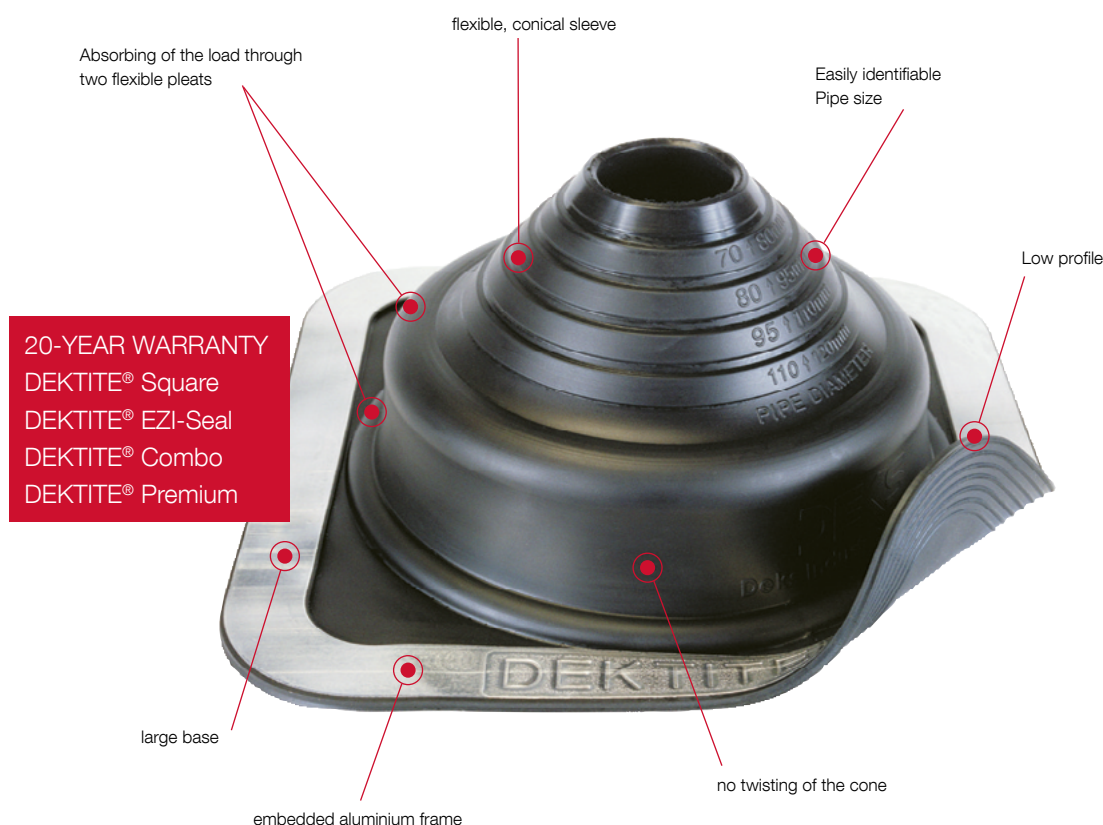


Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
GU threaded sleeve	18	50		9400100300	4061245013336

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 760 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 1090-4, B11 "Öffnungen in Dächern" have to be considered.

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

Benefits

- > Long service life
- > Temperature resistance EPDM (black or grey) permanent 50 °C to +115 °C, short-term up to +150 °C
- > Temperature resistance silikone (red) permanent 50 °C to +200 °C, short-term up to +250 °C
- > Flexible adjustment
 - to various profiles
 - to all pipe materials
 - to pipe diameters up to 760 mm

DEKTITE® Square (set)



Application range

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

Properties

- > Version EDPM (black)
- > Temperature resistance EPDM (black or grey) permanent 50 °C to +115 °C, short-term up to +150 °C
- > Temperature resistance silicone (red) permanent 50 °C to +200 °C, short-term up to +250 °C

Included in delivery (set parts)

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

Cross references	page
Hose clamp	124
Tightener	125
Joint sealant	126

Benefits

- > Perfect seal on roof and facade
- > No interference of thermal elongation of pipes
- > No fatigue fractures
- > 20-year warranty on material

Note

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



1. Adjust DEKTITE® to the pipe.



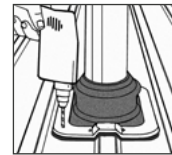
2. Adjust DEKTITE® to the profiled sheet and mark.



3. Apply sealant.



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



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

Product online



Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screw [pieces]	PU [set]	Price/1 [EUR]	Article number	EAN
DFE 100 B	0–35	100 x 100	0–60	80	8	1		8200004704	4061245013954
DFE 101 B	5–55	139 x 139	0–35	80	8	1		8200104704	4061245013800
DFE 103 B	5–127	221 x 221	0–35	80	16	1		8200304704	4061245013787
DFE 104 B	75–175	280 x 280	0–35	80	20	1		8200404704	4061245013763
DFE 106 B	125–230	363 x 363	0–35	80	28	1		8200604704	4061245013749
DFE 107 B	150–300	456 x 456	0–35	310	32	1		8200704704	4061245013725
DFE 109 B	230–508	681 x 681	0–35	310	40	1		8200904704	4061245013701

Order information: All versions also available in grey (EPDM) and red (silicone) Further lengths upon request.

DEKTITE® EZi-Seal Set



Application range

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

Included in delivery

- 1 pipe flashing
- 1 self-drilling screw set - optionally folding blind rivet set

Properties

- > Version EDPM (black)
- > Temperature resistance EPDM (black) permanent 50 °C to +115 °C, short-term up to +150 °C

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
- > 20-year warranty on material

Cross references	page
Hose clamp	124
Tightener	125
Joint sealant	126

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.

Product online



Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content screws [pieces]	PU [set]	Price/1 [EUR]	Article number	EAN
DFE 100 EZ	0–35	100 x 100	0–60	8	1		8200004706	4061245013947
DFE 101 EZ	5–55	139 x 139	0–35	8	1		8200104706	4061245013794
DFE 103 EZ	5–127	221 x 221	0–35	16	1		8200304706	4061245013770
DFE 104 EZ	75–175	280 x 280	0–35	20	1		8200404706	4061245013756
DFE 106 EZ	125–230	363 x 363	0–35	28	1		8200604706	4061245013732
DFE 107 EZ	150–300	456 x 456	0–35	32	1		8200704706	4061245013718
DFE 109 EZ	230–508	681 x 681	0–35	40	1		8200904706	4061245013695

Order information: Other dimensions upon request

DEKTITE® Soaker Set



Application range

- > For waterproofing pipes with large openings

Properties

- > Version EPDM (grey)
- > Temperature resistance EPDM (grey) permanent 50 °C to +115 °C, short-term up to +150 °C
- > Temperature resistance silicone (red) permanent 50 °C to +200 °C, short-term up to +250 °C

Included in delivery

- 1 pipe flashing
- 1 cartridge of EJOPLAST joint sealant
- 1 self-drilling screw set

Cross references	page
Hose clamp	124
Tightener	125
Joint sealant	126

Benefits

- > Large base ensures optimum positioning
- > Reliable and easy installation
- > Seals pipe and roof in a single work step
- > Prevents rainwater back-up

Note

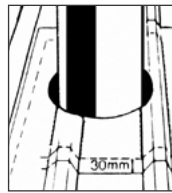
Not usable on smooth surfaces. Profile height max. 45 mm.



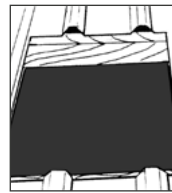
1. Adjust DEKTITE® to the pipe.



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



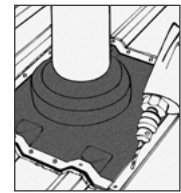
3. Mark the outline of the DEKTITE® on the roof. Remove DEKTITE® and mark a 30 mm overlap area.



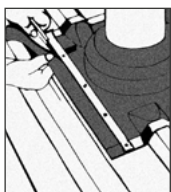
4. Cut out the roof inside of the marked 30 mm area. Trim sharp edges. Timber supports may be installed to support the roof where ribs have been removed.



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

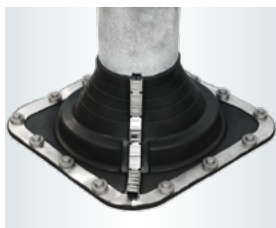
Product online



Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screw [set]	PU [pieces]	Price/1 [EUR]	Article number	EAN
DF 602 G	75–155	410 x 360	0–60	80	30	1		8206024704	4061245013688
DF 603 G	114–254	485 x 460	0–60	80	36	1		8206034704	4061245013671
DF 605 G	254–406	708 x 635	0–60	310	52	1		8206054704	4061245013664
DF 606 G	380–610	1006 x 905	0–60	310	96	1		8206064704	4061245013657

Order information: All versions also available in red (silicone). Further lengths upon request.

DEKTITE® Combo Set



Cross references	page
Hose clamp	124
Tightener	125
Joint sealant	126

Application range

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

Included in delivery

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

Properties

- > Version EDPM (black)
- > Temperature resistance EPDM (black or grey) permanent 50 °C to +115 °C, short-term up to +150 °C
- > Temperature resistance silikon (red) permanent 50 °C to +200 °C, short-term up to +250 °C

Benefits

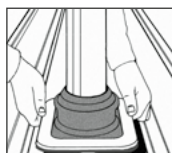
- > Perfect seal on roof and facade
- > No interference of thermal elongation of pipes
- > No fatigue fractures
- > Ideal for repairs of existing pipe systems
- > 20-year warranty on material

Note

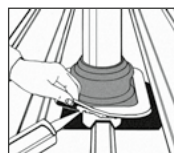
Use folding blind rivets for fibre cement boards.
Profile height max. 45 mm.



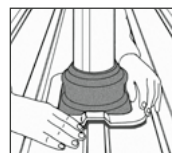
1. Adjust DEKTITE® to the pipe.



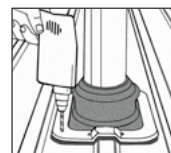
2. Adjust DEKTITE® to the profiled sheet and mark.



3. Apply sealant.



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



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

Product online

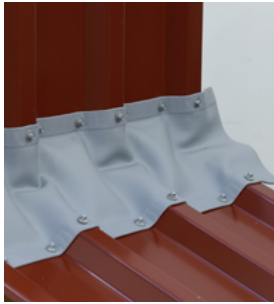


Order description	For pipe diameter [mm]	Base [mm]	Roof pitch [°]	Content Cartridge [ml]	Content Screw [pieces]	PU [set]	Price/1 [EUR]	Article number	EAN
DC 101 B (black)	5–60	139 x 139	0–40	80	8	1		8201104704	4061245046846
DC 103 B	5–127	218 x 218	0–40	80	16	1		8201304704	4061245046853
DC 104 B	75–175	285 x 285	0–40	80	20	1		8201404704	4061245046860
DC 106 B	125–230	365 x 365	0–40	80	28	1		8220304704	4061245046877
DC 107 B	150–280	454 x 454	0–40	310	32	1		8230304704	4061245046884
DC 109 B	240–503	685 x 685	0–40	310	40	1		8250304704	4061245046891
DC 110 B	350–760	1000 x 1040	*	310	70/10	1		8270004704	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) Further lengths upon request.

DEKTITE® Strip Flash Set



Application range

- > Sealing of wall joints
- > Forming expansion joints

Properties

- > Version TPE (grey)
- > Temperature resistance TPE (grey) permanent 50 °C to +115 °C, short-term up to +150 °C
- > Edge of sealing strip ≤ 25 % (accordion principle)
- > Use up to profile height ≤ 35 mm

Scope of delivery DS3 235

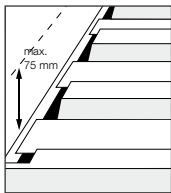
- 2 cartridges joint sealant (neutral curing silicone)

Scope of delivery DS10 235

- 5 cartridges joint sealant (neutral curing silicone)
- 1 self-drilling screw set

Scope of delivery DS15 450

- 10 cartridges joint sealant (neutral curing silicone)
- 1 self-drilling screw set



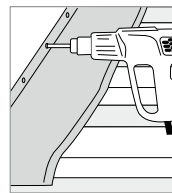
1. Do not mark the sealing line more than 75 mm above the purlin.



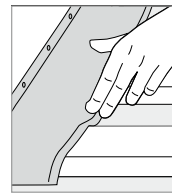
2. Apply sealant below the sealing line.



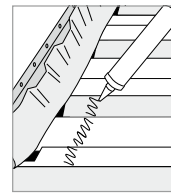
3. Trim of the DEKTITE®.



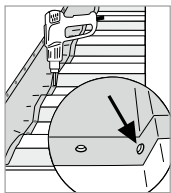
4. Fasten along the upper edge without stretching of the DEKTITE®.



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



6. Apply sealant.



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

Product online



Order description	Length [m]	Width [mm]	Content Cartridge [ml]	Content Screw [pieces]	PU [set]	Price/1 [EUR]	Article number	EAN
DS3 235	3.1	235	310	134	1		8200006704	4061245013916
DS10 235	10.0	235	310	410	1		8200005704	4061245013930
DS15 450	15.0	450	310	670	1		8200002704	4061245013978

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 specifications



Product online



Order description	For pipe diameter [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Hose clamp 20-32	20–32	1		8200004300	4061245013961
Hose clamp 40-60	40–60	1		8200006300	4061245013923
Hose clamp 60-80	60–80	1		8200008300	4061245013909
Hose clamp 70-90	70–90	1		8200009300	4061245013893
Hose clamp 90-110	90–110	1		8200011300	4061245013886
Hose clamp 110-130	110–130	1		8200013300	4061245013879
Hose clamp 130-150	130–150	1		8200015300	4061245013862

Tightener/cable tie



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 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 specifications



Product online



Order description	Width [mm]	Length [cm]	PU [set]	Price/1 [EUR]	Article number	EAN
Cable tie set (1 tightener + 1 cable tie 100 cm)	7	100	1		8200078300	4061245013824
Cable tie set (1 tightener + 1 cable tie 150 cm)	7	150	1		8200079300	4061245013817
Cable tie set (1 tightener + 1 cable tie 200 cm)	7	200	1		8200070300	4061245013855

Order description	Width [mm]	Length [cm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Tightener	-	-	1		8200077300	4061245013831
Cable tie (5000 cm)	7	5,000	1		8200076300	4061245013848

EJOPLAST joint sealant



Application range

- > For sealing the pipe flashings

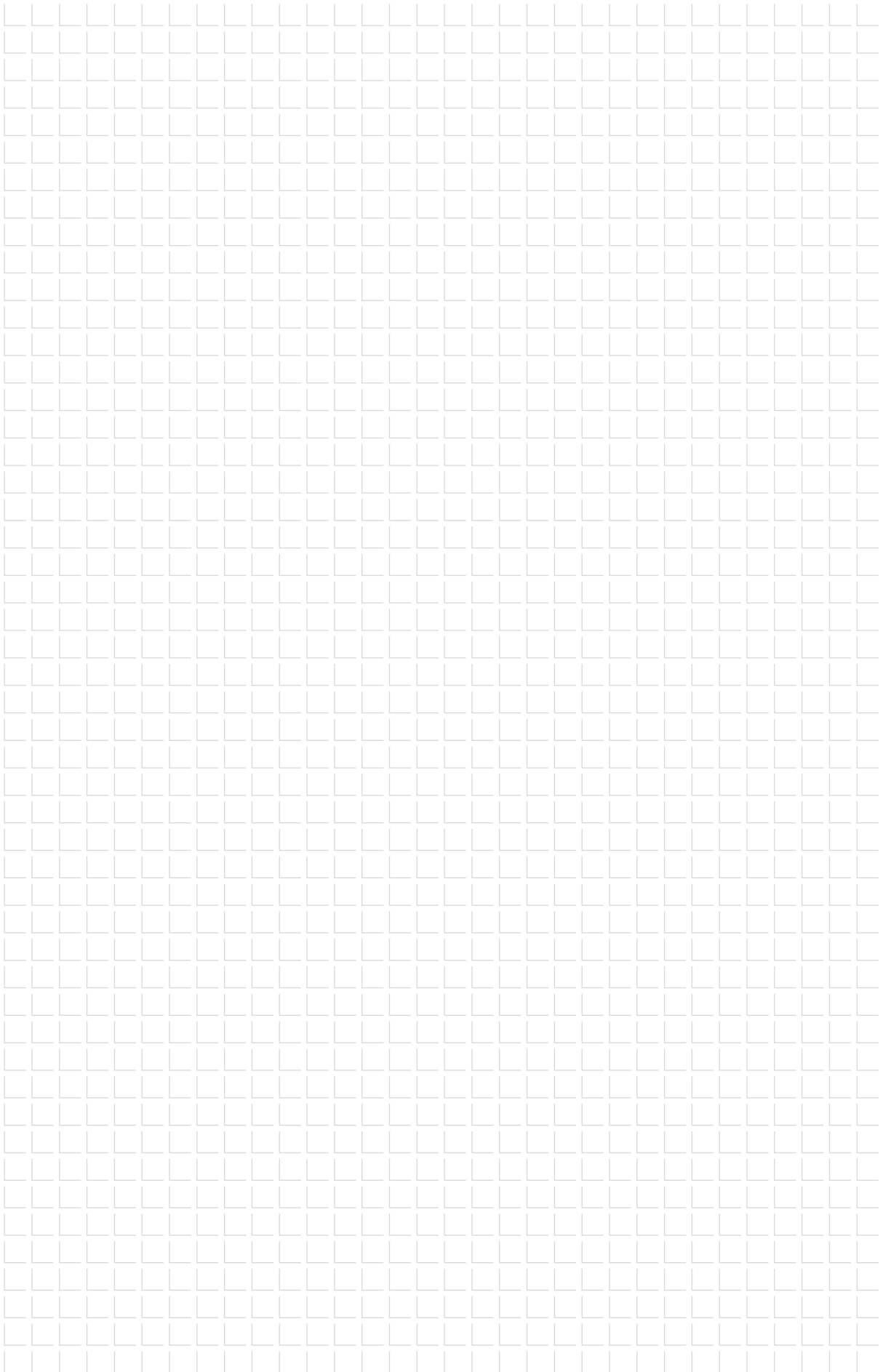
Properties

- > 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).

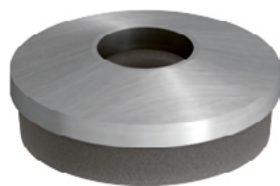
Product online



Order description	Contents [ml]	Colour	PU [pieces]	Price/1 [EUR]	Article number	EAN
EJOPLAST 310 ml clear	310	clear	1		8200001100	4061245013985



Sealing washer E



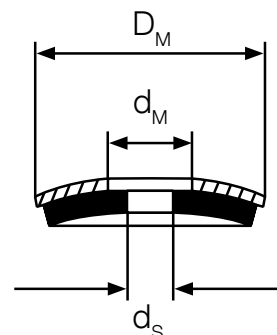
Application range

- > Waterproofing
- > For improvement of the static and dynamic values
- > E38 and E50 to cover misdrills

Properties

- > Metal back A2 stainless steel, thickness 1 mm
- > Bonded EPDM
- > Excellent weather and UV resistance

Technical specifications

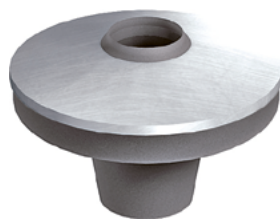


Product online



Order description	D_M [mm]	d_M [mm]	d_S [mm]	Elastomer thickness [mm]	For screws \emptyset [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		3010092300	4061245020778
Sealing washer E14/3-5.7x1	14	5.7	4.0	3.0	4.8; 4.9; 5.5	100		3010077300	4061245020785
Sealing washer E14/3-6.8x1	14	6.8	4.9	3.0	6.0; 6.3; 6.5; 6.8	100		3010071300	4061245044897
Sealing washer E16/3-5.7x1	16	5.7	4.0	3.0	4.8; 4.9	100		3031067300	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		3010067300	4061245020808
Sealing washer E16/3-7.8x1	16	7.8	5.7	3.0	7.2; 7.5; DG70	100		3030011300	4061245044910
Sealing washer E16/3-8.5x1	16	8.5	6.5	3.0	8.0	100		3030052300	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		3010066300	4061245020815
Sealing washer E19/3-6.8x1-4.9	19	6.8	4.9	3.0	6.3; 6.5; 6.8	100		3030066301	4061245044927
Sealing washer E19/3-7.8x1	19	7.8	5.7	3.0	7.2; 7.5	100		3030066300	4061245044934
Sealing washer E22/3-6.8x1	22	6.8	4.0	3.0	4.8; 4.9; 5.5; 6.0	100		3010013300	4061245020839
Sealing washer E22/3-6.8x1-4.9	22	6.8	4.9	3.0	6.3; 6.5; 6.8; 6.5/7.0	100		3030013301	4061245044941
Sealing washer E22/3-7.8x1	22	7.8	5.7	3.0	7.2; 7.5	100		3030013300	4061245044958
Sealing washer E22/3-8.5x1	22	8.5	7.0	3.0	8.0	100		3030053300	4061245038858
Sealing washer E29/6.8x1	29	6.8	4.0	3.0	5.5; 6.0; 6.3; 6.5; 6.8	100		3010015300	4061245020822
Sealing washer E29/8.5x1	29	8.5	7.0	3.0	7.2; 8.0	100		3030055300	4061245038865
Sealing washer E38-4	38	6.9	4.0	4.0	4.8; 5.5; 6.0; 5.5/6.3	10		3030073300	4061245020907
Sealing washer E50-4	51	6.9	4.0	4.0	4.8; 5.5; 6.0; 5.5/6.3	10		3030075300	4061245020914

Mushroom washer



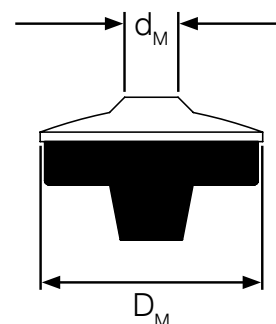
Application range

- > For fixing light diffusing panels

Properties

- > Metal back A2 stainless steel, thickness 1 mm
- > Moulded elastomer part
- > Pre-assembled on EJOT screws for JZ5, JA3

Technical specifications

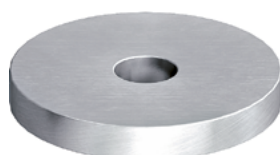


Product online



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		3010070704	4061245020792

Shearing load washer VS

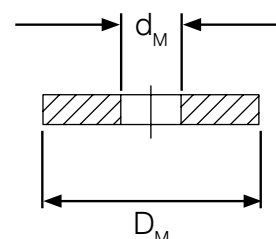


Application range

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

Properties

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



Product online



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		3010000003	4061245020846

TP300



Application range

This joint sealing tape is suitable for joint constructions such as window couplings, concealed window connection joints or as a sealant border.

TP300 can also be used as filling tape - especially in metal construction. In this function it realises windproof and heat insulating properties. Corresponds to type 2 according to IFBS data sheet and BG 2.

Technical specifications



Properties

- > Open-cell flexible polyurethane foam impregnated with flame-retardant synthetic resin.
- > TP300 is manufactured without halogen-containing flame retardants, solvent-free and without using HCFCs/CFCs/CFCs
- > TP300 is supplied as compressed roll material, with one-sided self-adhesion in grey

Notes

Do not expose the tape to direct sunlight permanently. The tape can be plastered / painted over. Illbruck silicone, acrylate and hybrid-based sealants are compatible with the tape. Further compatibilities can be requested from us. Sealing tape must be stored in a dry place until installation.

Product online



Order description	Band width* [mm]	Application range [mm]	Roll length total [m]	Content Roll [pieces]	PU [m]	Price/100 m [EUR]	Article number	EAN
TP 300 10 / 1-2 grey	10	1-2	25.00	11	275.0		0030010102	4025109294095
TP 300 10 / 2-3 grey	10	2-3	18.0	11	198.0		0030010203	4025109294200
TP 300 10 / 3-6 grey	10	3-6	13.0	11	143.0		0030010306	4025109294316
TP 300 15 / 1-2 grey	15	1-2	25.0	7	175.0		0030015102	4025109294101
TP 300 15 / 2-3 grey	15	2-3	18.0	7	126.0		0030015203	4025109294217
TP 300 15 / 3-6 grey	15	3-6	13.0	7	91.0		0030015306	4025109294323
TP 300 15 / 5-9 grey	15	5-9	7.0	7	49.0		0030015509	4025109294545
TP 300 15 / 6-12 grey	15	6-12	5.5	7	38.5		0030015612	4025109294644
TP 300 20 / 5-9 grey	20	5-9	7.0	5	35.0		0030020509	4025109294552
TP 300 20 / 6-12 grey	20	6-12	5.5	5	27.5		0030020612	4025109294651

*Dimensional tolerances according to DIN7715 P3

TP610



Application range

This high-end joint sealing tape is used for the external driving rain-proof sealing of connection joints in building construction. TP610 is used in window installation, metal, wood and container construction.

Open-cell flexible polyurethane foam with polymer impregnate. Solvent-free single-sided self-adhesive to aid assembly. TP610 is manufactured without halogen-containing flame retardants, solvent-free and without using (H)CFC/CFCS.

Properties

- > Impervious to driving rain 600 Pa and weather resistant with BG1 test
- > Vapor diffusible for drying out the joint
- > Wide range of dimension in two colours
- > EC1 PLUS and DGNB certified
- > For economical RAL quality-assured window installation
- > TP610 is supplied as compressed roll material, with one-sided self-adhesion in grey

Notes

Weigh down residual rolls in opened cartons to avoid lateral opening (telescoping) of the rolls. The tape can be plastered and painted over. Compatibility should be tested when coating with light colors and sealants (white and transparent). The tape must not be exposed to or cleaned with solvent-based or aggressive chemicals. Sealing tape must be stored in a dry place until installation.

Technical specifications



Product online



Order description	Band width* [mm]	Application range [mm]	Roll length total [m]	Content Roll [pieces]	PU [m]	Price/100 m [EUR]	Article number	EAN
TP 610 10 / 1-2 anthracite	10	1–2	12.5	11	137.5		0061010102	4025109372106
TP 610 10 / 2-4 anthracite	10	2–4	10.0	11	110.0		0061010204	4025109373103
TP 610 12 / 3-6 anthracite	10	3–6	8.0	9	72.0		0061012306	4025109081695
TP 610 15 / 1-2 anthracite	15	1–2	12.5	7	87.5		0061015102	4025109372151
TP 610 15 / 2-4 anthracite	15	2–4	10.0	7	70.0		0061015204	4025109373158
TP 610 15 / 3-6 anthracite	15	3–6	8.0	7	56.0		0061015306	4025109374155
TP 610 15 / 4-10 anthracite	15	4–10	5.6	7	39.2		0061015410	4025109276152
TP 610 15 / 5-12 anthracite	15	5–12	4.3	7	30.1		0061015512	4025109378153
TP 610 20 / 1-2 anthracite	20	1–2	12.5	5	62.5		0061020102	4025109011791
TP 610 20 / 2-4 anthracite	20	2–4	10.0	5	50.0		0061020204	4025109090758
TP 610 20 / 3-6 anthracite	20	3–6	8.0	5	40.0		0061020306	4025109374209
TP 610 20 / 4-10 anthracite	20	4–10	5.6	5	28.0		0061020410	4025109376203
TP 610 20 / 5-12 anthracite	20	5–12	4.3	5	21.5		0061020512	4025109378207

*Dimensional tolerances according to DIN7715 P3

ISO-Zell PE Tape



Product description

ISO-ZELL PE Tapes are versatile sealing and padded tapes. These closed celled polyethylene foam tapes with their self-adhesive coating are characterised by a fine cellular structure and particularly by their flexibility.

Technical specifications



Application range

For sealing, damping, insulating and cushioning in the areas of

- > Trapezoidal metal sheets and metal structures
- > Solid, timber and prefabricated building constructions
- > Window construction
- > Drywall and partitioning
- > Air conditioning and ventilation systems
- > Domestic appliances
- > Wagon and container construction
- > Machine and equipment manufacturing

Benefits

- > Flexible
- > Fine-pored
- > Water-repellent
- > High ageing resistance

Product online

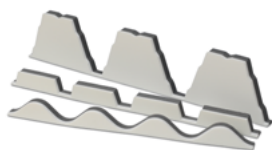


Notes

ISO-ZELL PE tape must be stored in a dry place until installation.

Order description	Dimensions [mm]	Box content [rolls]	Metres per roll [m]	PU [m]	Price/100 m [EUR]	Article number	EAN
ISO-ZELL 2x20	2 x 20	120	20.0	2400		0070020020	4048368003932
ISO-ZELL 3x30	3 x 30	50	20.0	1000		0070030030	4048368004120
ISO-ZELL 3x50	3 x 50	25	20.0	500		0070030050	4048368004144

ISO profile filler strips



Product description

ISO-PROFILE filler strips are profile-cut tapes of high-quality PE foam material. They are used in metal and industrial building structures to seal and insulate trapezoidal and wave profile sheets. They have the optimum form for a wide range of European-manufactured profiled metal sheeting.

Application range

- > Reliable and permanent sealing of trapezoidal and corrugated metal sheeting
- > Sound and thermal insulation
- > Roofing applications (roof ridge, eaves)
- > Facade (parapet connections)

Benefits

- > Available for many types of profiled sheets
- > Fine cells with a consistent smooth surface
- > Permanently elastic as well as having form stability
- > Fire protection classification B2, B1 as a special property
- > Conforms to the requirements of the new IFBS guidelines for joint tightness on lightweight steel constructions
- > High and regularly examined product quality

Technical specifications

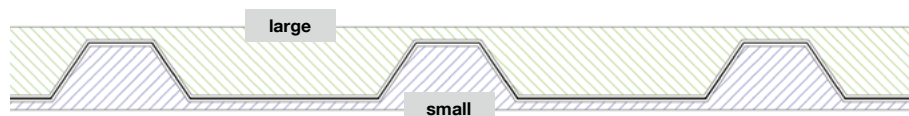


Certifications



Note

ISO-PROFILE filler strips must be stored in a dry place until installation.



Product online



Order description	PU [pieces]	Price/PU [EUR]	Article number	EAN
22 / 214 large - Maas / Laukien / Feilmeier	1		0080022214	4048368174700
22 / 214 small - Maas / Laukien / Feilmeier	1		0080122214	4048368174694
35 / 207 large - Fischer / Maas / Laukien / Feilmeier / Wurzer / SAB / Mönker / Hoesch / Jorisode	1		0080035207	4048368164701
35 / 207 small - Fischer / Maas / Laukien / Feilmeier / Wurzer / SAB / Mönker / Hoesch / Jorisode	1		0080135207	4048368164695
39 / 333 large - Arcelor / Mönker	1		0080039333	4048368166033
39 / 333 small - Arcelor / Mönker	1		0080139333	4048368164749
45 / 333 large - Mass / Laukien / Wurzer / SAB	1		0080045333	4048368220902
45 / 333 small - Maas / Laukien / Wurzer / SAB	1		0080145333	4048368220865
50 / 250 large - Maas / Laukien	1		0080050250	4048368163537
50 / 250 small - Maas / Laukien	1		0080150250	4048368163520
Fischer DL 40/333 large	1		0080140333	4048368163216
ROMA 42 / 333 large	1		0080042333	4048368165852
Brucha 42 / 333 large	1		0080142333	4048368174526
Kingspan 35 / 333 large	1		0080035333	4048368165746
Thyssen 35 / 333 large	1		0080135333	4048368053722
Lattonedil 37 / 200 large	1		0080037200	4048368186598
Corrugated sheet 18 / 76 - Maas / Laukien / Arcelor / Jorisode / Mönker / SAB / Siegmetall	1		0080001876	4048368162158
Corrugated sheet 55 / 177 - Laukien / Eternit / Aluform	1		0080055177	4048368162356

Order information: Version with one-sided self-adhesive resp. UV-resistant aluminium lamination upon request

Machinery Spare Parts Tools

Powder-actuated fastening tool P 560



Included in delivery

- 1 powder-actuated fastening tool
- 1 oil spray 35 ml
- 1 protective goggles
- 1 cleaning set
- 1 operating manual
- 1 transport box

Cross references

Cross references	page
Cartridges	80
Powder-actuated fastener HSBR14 81	

Application range

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

Properties

- > Automatic bolt, cartridge and piston feed
- > With bolt magazine

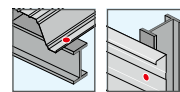
Benefits

- > Fast installation sequence through automated repetition
- > compact and lightweight design
- > quick release fastening system
- > Easy cleaning
- > Stability system for secure storage

Technical specifications

Weight incl. magazine	4.23 kg
Setting energy	520 J
Magazine	10 powder-actuated fasteners/10 cartridges
cartridges	6.3/16 (black, red, blue)
Dimensions H x L x W	277 x 363 x 77 mm

Applications



Certifications



Product online



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Powder-actuated fastening tool P 560	1		9600013891	3439510138915
Accessories				
Barrel P560	1		9600014139	4061245020945
Thrust piston P 560	1		9600014137	3439510141373
Compressed ring P560	1		9600014136	4061245020952
Cleaning set P560	1		9600074000	3439510740002
Spray oil can 35 ml P560	1		9600310080	3439513100803
Protective goggles P560	1		9600011117	4061245020969

Cordless screwdriver ASCS 6.3 Select



Included in delivery

- 1 ASCS 6.3
(without battery pack or battery charger)
- 1 plastic tool case
- 1 scaffolding anchor
- 1 depth stop
- 1 socket for hexagon screws SW8

Product online



Application range

- > Torque-optimised cordless screwgun for fixing metal with screw diameters of up to 6.3 mm

Properties

- > Path-oriented fastening through depth stop facilitates optimal fit of the sealing washers
- > Electronic torque shut-off for precise results even without depth stop
- > Maintenance-free, brushless motor with a very high degree of efficiency
- > Tested for over 500,000 single fixings
- > Over 1000 recharge cycles per battery pack
- > Extremely low weight
- > Optimum ergonomics with pistol handle for high contact pressure
- > Powerful up to 30 Nm

Technical specifications

Battery voltage	18 V
Load speed	0-1500 rpm
Idle speed	0-1700 rpm
Max. torque (hard/soft)	30/10 Nm
Quick change chuck	1/4"
Screw	Ø 6.3 mm
Battery pack	not included in delivery

3-year FEIN PLUS

Warranty

including battery and charger
(if registered online)

New: Tested for over 1 million
single fixings

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cordless screwdriver ASCS 6.3 Select	1		9150200003	4014586881461
Accessories				
Depth stop sleeve	1		9150508100	4014586251318
Adapter for sealing washers ≤ Ø 16 mm	1		9150508016	4014586251288
Adapter for sealing washers ≤ Ø 22 mm	1		9150508022	4014586251295
Long screw support SH2 incl. socket holder, adapter and socket SW8	1		9150508111	4250483605087
Socket SW8 - 1/4" x 25	1		9150315000	4061245020976
Adapter for sealing washers ≤ Ø 22 mm	1		9151701029	4250483605094
Adapter for FZ sealing washers ≤ Ø 25 mm	1		9151701129	4250483605100

ECORIV® ONE battery riveting tool 16.0V / 2.0 Ah



Included in delivery

1 battery riveter ECORIV ONE
4 retention nosepieces
2 batteries 2.0 Ah
1 rapid charger 220 V
1 installation wrench
1 plastic transport box L-Boxx

Cross references

Rivets 108

Application range

- > For blind rivets made of aluminium, steel, copper and stainless steel up to Ø 5.0 mm
- > For folding blind rivets up to Ø 5.2 mm

Benefits

- > Weight only 1.87 kg
- > Transparent mandrel container
- > Powerful Li-Ion batteries with charge indicator
- > Riveting point illuminated by LEDs
- > Delivery with retention nosepieces for rivets 2.4 mm, 3.0/3.2 mm, 4.0 mm and 4.8/5.0 mm
- > High-quality rapid charger
- > Extended front sleeve optionally available
- > Special nosepieces are optional available

Technical specifications

Working stroke	21 mm
Tensile	10,000 N
Max. pin diameter	3.4 mm
Battery capacity 2.0 Ah (rivets per battery charge depending on type and material)	Up to 2,000 pieces
Charging time of battery 2.0 Ah	< 1 hour
Weight of riveting tool	1.54 kg
Weight of battery 16 V / 2.0 Ah	0.33 kg
Height (without battery)	approx. 24 cm
Length (incl mandrel container)	approx. 28 cm

Product online



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
EJOT ECORIV ONE 16.0V / 2.0 Ah incl. 2 batteries	1		9150490190	4016111635136
Accessories				
EJOT rapid charger 220 V for ECORIV ONE	1		9150490195	4016111554970
EJOT battery ECORIV ONE 16V / 2.0 Ah	1		9150490105	4016111554956
EJOT retention nosepiece ECORIV ONE 2.4 mm	1		9150490196	4016111605078
EJOT retention nosepiece ECORIV ONE 3.0+3.2 mm	1		9150490197	4016111605085
EJOT retention nosepiece ECORIV ONE 4.0 mm	1		9150490192	4016111605092
EJOT retention nosepiece ECORIV ONE 4.8+5.0 mm	1		9150490193	4016111605108
EJOT nosepiece Bulbrite ECORIV ONE 5.2 mm	1		9150490127	4016111517913
EJOT facade nosepiece ECORIV ONE 5.0 K11	1		9150490132	4016111161734
EJOT facade nosepiece ECORIV ONE 5.0 K14	1		9150490133	4016111161741
EJOT facade nosepiece ECORIV ONE 5.0 K16	1		9150490134	4016111232885

Order information: ECORIV TWO upon request. Standard and special nosepieces upon request.

Precision drill bit HSS

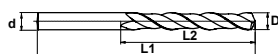


Application range

- > For structural steel

Properties

- > Form S
- > Short spiral groove



Product online



Order description	D [mm]	L1 [mm]	Rotation speed [rpm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
S 4./55 drill bit	4.1	55	1000	10		9250405000	4031093054782
S 4.5/60 drill bit	4.5	60	900	10		9250434000	4031093054904
S 4.5/175 drill bit	4.5	175	900	10		9250436000	4061245020136
S 4.5/235 drill bit	4.5	235	900	10		9250450235	4031093070973
S 4.5/295 drill bit	4.5	295	900	10		9250450295	4031093071550
S 5.0/60 drill bit	5.0	60	900	10		9250409000	4061245020280
S 5.0/125 drill bit	5.0	125	900	10		9250411000	4061245020273
S 5.0/220 drill bit	5.0	220	900	10		9250413000	4061245020266
S 5.0/250 drill bit	5.0	250	900	10		9250414000	4061245020259
S 5.1/62 drill bit	5.1	62	900	10		9250439000	4031093055093
S 5.3/60 drill bit	5.3	60	800	10		9250415000	4061245020242
S 5.3/125 drill bit	5.3	125	800	10		9250417000	4061245020235
S 5.3/220 drill bit	5.3	220	800	10		9250419000	4061245020228
S 5.3/290 drill bit	5.3	290	800	10		9250438000	4061245020129
S 5.5/65 drill bit	5.5	65	750	10		9250420000	4061245020211
S 5.5/125 drill bit	5.5	125	750	10		9250422000	4061245020204
S 5.5/220 drill bit	5.5	220	750	10		9250423000	4061245020198
S 5.5/290 drill bit	5.5	290	750	10		9250424000	4061245020181
S 5.7/65 drill bit	5.7	65	700	10		9250425000	4061245020174
S 5.7/125 drill bit	5.7	125	700	10		9250427000	4061245020167
S 5.7/220 drill bit	5.7	220	700	10		9250429000	4061245020150
S 5.7/290 drill bit	5.7	290	700	10		9250433000	4031093438230
S 6.2/101 drill bit	6.2	101	600	10		9250620101	4061245081113
S 6.5/101 drill bit	6.5	101	600	10		9250650101	4061245081120
S 6.8/75 drill bit	6.8	75	600	10		9250430000	4061245020143
S 6.8/225 drill bit	6.8	225	600	10		9250510000	4061245020051
S 6.8/325 drill bit	6.8	325	600	10		9250680325	4061245020044





Order description	D [mm]	L1 [mm]	Rotation speed [rpm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
S 7.0/125 drill bit	7.0	125	600	10		9250499000	4061245020082
S 7.0/225 drill bit	7.0	225	600	10		9250493000	4061245020112
S 7.0/325 drill bit	7.0	325	600	10		9250700325	4061245020037
S 7.2/125 drill bit	7.2	125	600	10		9250504000	4061245020075
S 7.2/225 drill bit	7.2	225	600	10		9250494000	4061245020105
S 7.2/325 drill bit	7.2	325	600	10		9250720325	4061245019970
S 7.4/125 drill bit	7.4	125	600	10		9250506000	4061245020068
S 7.4/225 drill bit	7.4	225	600	10		9250497000	4061245020099
S 7.4/325 drill bit	7.4	325	600	10		9250740325	4061245019963

Socket wrench insert



Form E 6.3

Application range

- > For fastening of all EJOT fasteners with hexagon head

Properties

- > Clamping spring with ball
- > Secure fit of the screw

Technical specifications



Cross references page

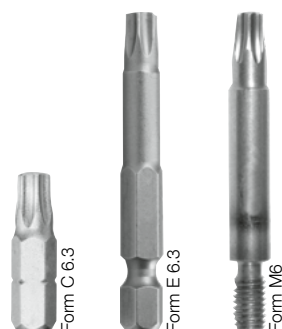
Cordless screwdriver ASCS 6.3 136

Product online



Order description	Drive and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3						
K-SW8-1/4"x50 with ball and flat spiral spring	SW8	50	1		9250705104	4061245020006
K-SW3/8"-1/4"x50 with ball and flat spiral spring	SW3/8"	50	1		9250705105	4061245019994

Bit hexalobular TX



Application range

> For fastening of all EJOT fasteners with drive hexalobular TX

Technical specifications



Cross references	page
Bit holders	142

Order description	Drive and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3						
TX20-1/4"/Cx25	TX20	25	1		9150010000	4050623100553
TX20W-1/4"/Cx25*	TX20W	25	1		9150008000	4050623100744
TX25-1/4"/Cx25	TX25	25	1		9150009000	4061245021072
TX25W-1/4"/Cx25*	TX25W	25	1		9150003000	4061245021102
TX30-1/4"/Cx25	TX30	25	1		9250431000	4050623100584
TX30W-1/4"/Cx25*	TX30W	25	1		9250431002	4050623100775
TX40-1/4"/Cx25	TX40	25	1		9250480000	4050623100591
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3						
TX25HF-1/4"/Ex50**	TX25	50	1		9506008401	4013288106926
TX30-1/4"/Ex50	TX30	50	1		9250431001	4050623102670
TX30-1/4"/Ex200	TX30	200	1		9253014200	4039161010975
TX30-1/4"/Ex350	TX30	350	1		9253014350	4061245021096
Drive: threaded connection M 6						
TX25-M6x33	TX25	33	1		9250251425	4061245021089
TX30-M6x33	TX30	33	1		9250251430	4050623103936

* Special bit: conical design for force fit at screw head of painted screws

**Bit with holding function for unpainted screws

Product online



Bit holders



Form E 6.3

Application range

- > For holding all bits with drive form C

Technical specifications



Cross references

	page
Bit hexalobular TX	141
Cordless screwdriver ASCS 6.3	136

Product online



Order description	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3					
BT-1/4"-1/4"x57	57	1		9150506031	4050623800019
BT-1/4"-1/4"x250	250	1		9250010120	4061245021126

FR Tool



Form E 6.3

Application range

- > For reliable fixing of corrugated and trapezoidal profile sheet with FR screws
- > For FR screws with sealing washers Ø 11 mm

Technical specifications



Properties

- > Easy to use
- > Optimum installation in any position
- > Reliable screw guidance
- > Captive

Cross references

Cordless screwdriver ASCS 6.3	136
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Benefits

- > For efficient fixing of corrugated and trapezoidal profiles
- > Fastener does not buckle to the side

Product online



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3				
EJOT FR Tool	1		9153600000	4061245061603
TX25-1/4"/Ex70	1		9150011000	4050623107200

FR Tool plastic


Cross references **page**

Cordless screwdriver ASCS 6.3 136

Application range

- > For reliable fixing of corrugated and trapezoidal profile sheets with FR screws

Properties

- > Easy to use
- > Optimum installation in any position
- > Reliable screw guidance
- > Captive

Benefits

- > For efficient fixing of corrugated and trapezoidal profiles
- > Fastener does not buckle to the side

Technical specifications

Order description

Drive: 1/4" hexagon DIN/ISO 1173 - E 6.3

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
EJOT FR Tool plastic	1		9152600000	4061245020358

Product online


Product and note charts

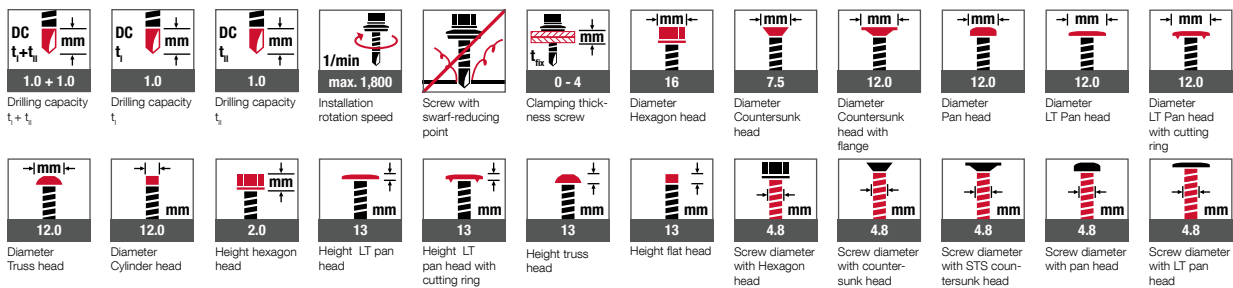
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







































































Industrial Lightweight Construction



Technical data | Certifications | Other

Technical specifications





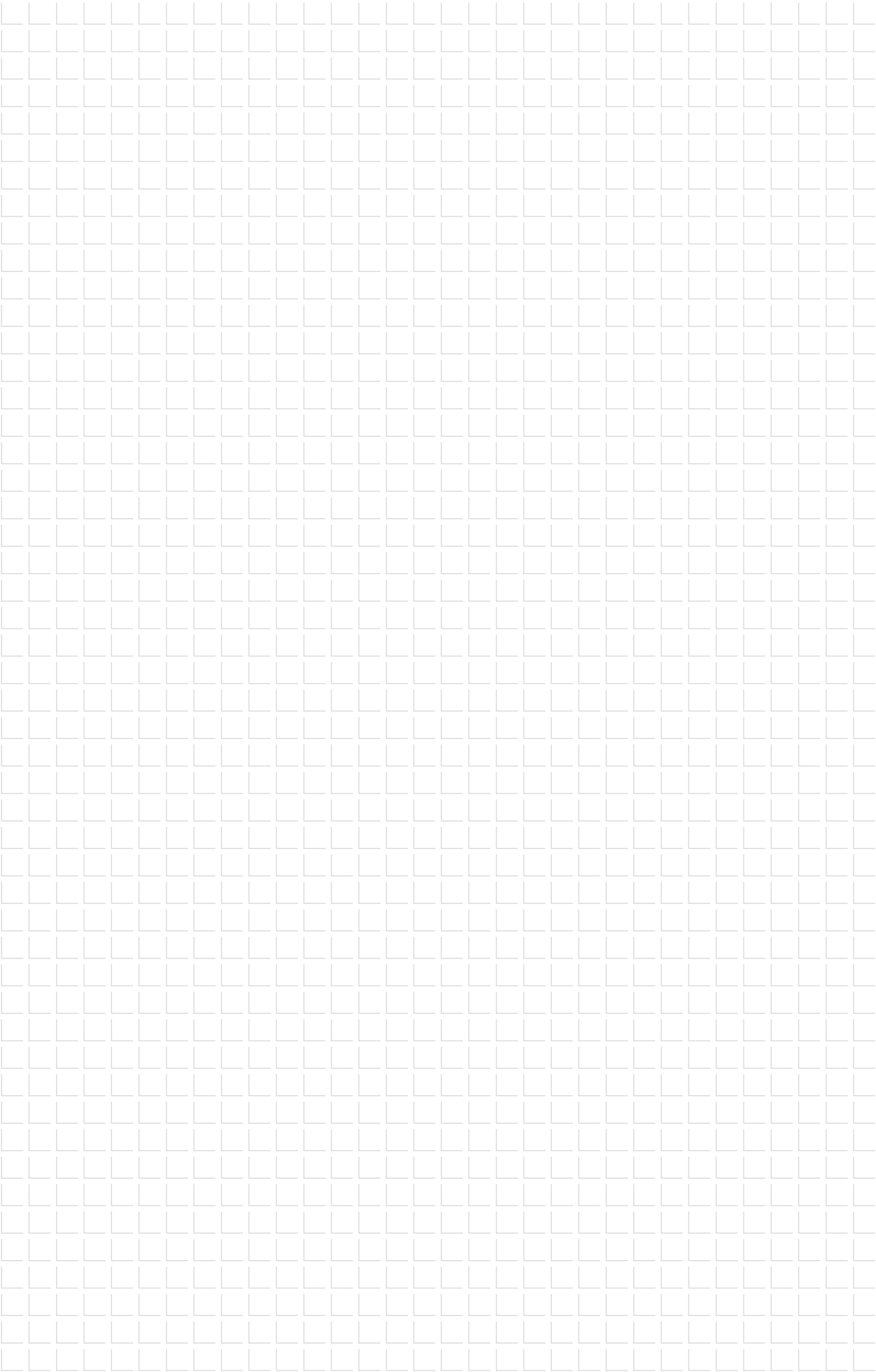
 4.8 mm	 4.8 mm	 4.8 mm			 13 mm	 5 mm	 6.3 mm	 5 mm	 13 mm	 13 mm	 9.5 mm
 1.5 mm	 2.7 mm	 4.8 mm	 d_0 mm	 TX white	 XT	 13 mm	 8.0 mm	 50 mm	 15 mm	 M12	 M8
 10 mm	 8.0 mm	 9.0 mm	 8.0 mm	 8.0 mm	 60 Nm	 SDS plus®	 4-edge	 [Manufacturer]	 E16	 H2	 H2
 Z2	 Z2	 5	 5	 Triangular	 SW8	 SW8	 SW13/TX40	 TX25	 TX25	 d_{nom} mm 10	 d_0 mm 10
 h_1 mm 10	 t mm 10	 h_{nom} mm ≥ 70	 h_{ef} mm ≥ 50	 h_e mm ≥ 70	 d_t mm 10			 ETB	 RC2		
 Rostfrei STAINLESS STEEL			 Passivhaus Institut	 A1	 F120	 F-resistant	 C2	 C 1000	 CLIMADUR	 EJO GUARD	 EJO GUARD+

Certifications

 ETA-10/0200 European Technical Assessment	 Z-14.4-426 National technical approval abZ	 Z-21.2-2122 General construction technique permit abG	 P-BWU02-168012 National technical test certificate abP	 FM APPROVED FM Approval product certification by FM Global	 EPD Environmental Product Declaration EPD	 ift Test report no. 509.20107/1+2 ift Rosenheim test report	 A+ Emission category according to French VOC directive	 ICC ES International Code Council Evaluation Service	 LEED TESTED LEED-tested
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Other

 Cross reference to previous page	 Cross reference to next page
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