

Window and Glass Facade Technology

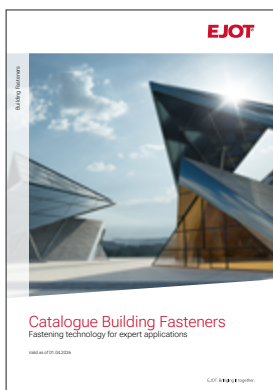
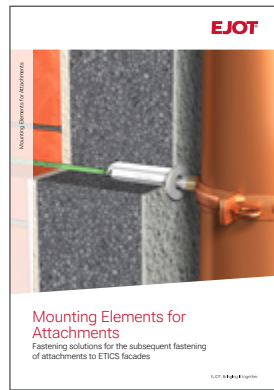
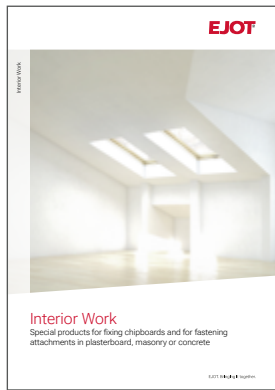
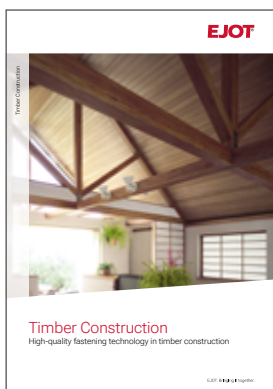
High-quality fastening elements for the production and assembly of windows and doors.

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 Window and Glass Facade Technology. Unlike the printed general catalogue, the individual catalogues are available exclusively in digital form.



General Catalogue Building Fasteners 2025/2026

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

Fasteners for window production

Window screws (steel)

Type S 4.2xL	4
Type S/TG 4.2xL	5
Type Super-E 4.2xL	6
Type Super-E/Tg 4.2xL	7
Type ATS 4.8xL	8
Type Super-Jot 4.0xL	9

Transom screws (steel)

Transom screw 5.0xL	10
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Metric screw M5xL	11
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Self-drilling window screws (steel)

Type FD42 3.9xL	12
Type FDM2 M4xL	13
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Fasteners for window installation

Coupling screws (steel)

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Carrying systems

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Drill bit S	29
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Bits

Cross recess	31
Hexalobular TX	32

Window screw type S



Querverweise **Seite**
Bit cross recess H2 31

Application range

- > Fastening of tilt and turn fittings in regular and thin-walled PVC profiles and in steel or GRP inserts
- > Fixing locking plates, strips and bearings

Properties

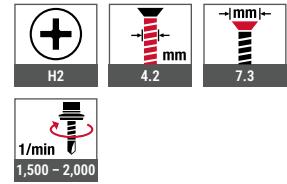
- > Case-hardened steel
- > Classic screw for fittings, technically leading, with double-start thread
- > The optimum also in thin-walled profiles
- > High stripping torques and pull-out values in PVC
- > Roll-sorted quality for automated fastening
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Processing information

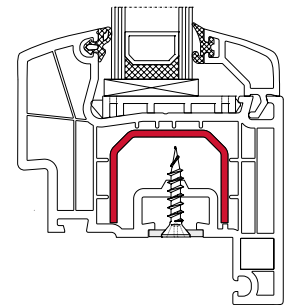
- > Can also be fastened in steel, pre-drilling required (see chart)
- > Can also be fastened in GRP, pre-drilling might be required

Sheet thickness	Pre-drilling diameter
1.5 mm	3.0 mm
2.0 mm	3.2 mm
2.5 mm	3.5 mm

Technical specifications



Certifications

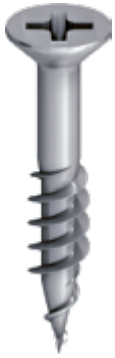


Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL					
Window screw S 4.2x13	13	1000		2225413607	4061245044637
Window screw S 4.2x16	16	1000		2225416607	4061245044644
Window screw S 4.2x20	20	1000		2225420607	4061245044651
Window screw S 4.2x22	22	1000		2225422607	4061245044668
Window screw S 4.2x25	25	1000		2225425607	4061245044675
Window screw S 4.2x30	30	1000		2225430607	4061245044682
Window screw S 4.2x35	35	1000		2225435607	4061245044699
Window screw S 4.2x40	40	1000		2225440607	4061245044705
Window screw S 4.2x45	45	1000		2225445607	4061245044712
Window screw S 4.2x55	55	1000		2225455607	4061245044729

Window screw type S/Tg



Querverweise

Bit cross recess H2

Seite

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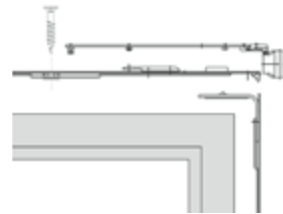
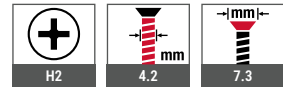
Application range

- > Fixing gear rack and baffle gear

Characteristics

- > Case-hardened steel
- > Double-start thread with partial thread
- > Non-threaded area minimizes the friction at the joint of gear rack/baffle gear
- > Non-threaded area ensures permanent easy opening and closing of the window
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical specifications



Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL					
Window screw S/Tg 4.2x25	25	1000		2232325607	4061245044743

Window screw type Super-E



Querverweise **Seite**
 Bit cross recess H2 31

Application range

- > Fastening of tilt and turn fittings in PVC profiles and in steel or GRP inserts
- > Fixing locking plates, strips and bearings

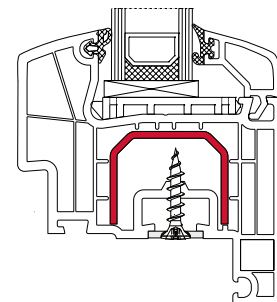
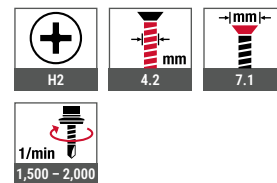
Properties

- > Case-hardened steel
- > Cost-effective screw for fittings with one-start thread
- > Under-head serrations for increased safety against stripping
- > Slightly curved head for flawless appearance even with bevelled installation
- > Roll-sorted quality for automated fastening
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Processing information

- > Can also be fastened in steel, pre-drilling required (see chart)
- > Can also be fastened in GRP, pre-drilling might be required

Technical specifications



Product in the online shop



Sheet thickness	Pre-drilling diameter
1.5 mm	3.0 mm
2.0 mm	3.0 mm
2.5 mm	3.0 mm

Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL					
Window screw Super-E 4.2x16	16	1000		2253416607	4061245041438
Window screw Super-E 4.2x20	20	1000		2253420607	4061245041421
Window screw Super-E 4.2x22	22	1000		2253422607	4061245041414
Window screw Super-E 4.2x25	25	1000		2253425607	4061245041407
Window screw Super-E 4.2x28	28	1000		2253428607	4061245041391
Window screw Super-E 4.2x30	30	1000		2253430607	4061245041384
Window screw Super-E 4.2x35	35	1000		2253435607	4061245041377
Window screw Super-E 4.2x40	40	1000		2253440607	4061245041360
Window screw Super-E 4.2x45	45	1000		2253445607	4061245041353
Window screw Super-E 4.2x55	55	1000		2253455607	4061245041346

Window screw type Super-E/Tg


Querverweise

Bit cross recess H2

Seite

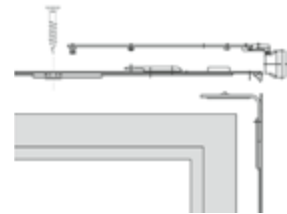
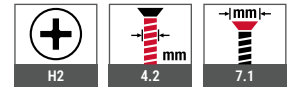
31

Application range

- > Fixing gear rack and baffle gear

Characteristics

- > Case-hardened steel
- > Single-start thread with partial thread
- > Non-threaded area minimizes the friction at the joint of gear rack/baffle gear
- > Non-threaded area ensures permanent easy opening and closing of the window
- > Under-head serrations for increased safety against stripping
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical specifications

Product in the online shop


Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL					
Window screw Super-E/Tg 4.2x22	22	1000		2290336607	4061245041247
Window screw Super-E/Tg 4.2x25	25	1000		2254325607	4061245041339

Window screw type ATS



Querverweise

Bit cross recess H2

Seite

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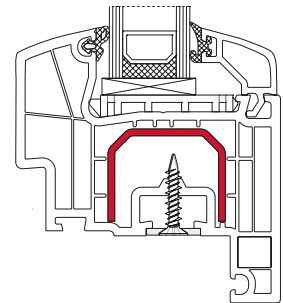
Application range

- > For increased loads
- > For reliable replacement of stripped fitting screws

Characteristics

- > Case-hardened steel
- > With HT thread
- > With DSK point for precise and wobble-free fastening in PVC
- > Head diameter identical with fitting screw type S
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical specifications



Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL					
Window screw ATS 4.8x25	25	1000		2206425607	4061245041599
Window screw ATS 4.8x30	30	1000		2206430607	4061245041582
Window screw ATS 4.8x38	38	1000		2206438607	4061245041575

Window screw type Super-Jot



Querverweise	Seite
Bit cross recess Z2	31
Bit hexalobular TX20	32

Application range

- > For fixing tilt and turn fittings in wood
- > Fixing locking plates and bearings etc.

Characteristics

- > Case-hardened steel
- > With special thread, reinforced
- > Immediate grip in the wood due to the cutting tip
- > The special thread geometry and the wax coating ensure low installation torques and high stripping or loosening torques
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings.

Notice

For use in wood with high tannin content (e.g. oak, beech, larch and impregnated wood) we recommend our stainless steel version. Also note a possible incompatibility with wood preservatives or impregnated timber. In case of doubt, use stainless steel version.

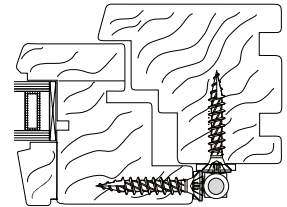
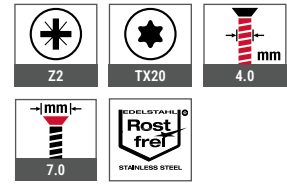
Recommended edge distance according to Eurocode 5

In Eurocode 5 "Design of timber structures - General rules and rules for buildings" the edge distance of the fixing with or without pre-drilling in timber are specified. For installation depths in hard wood over 25 mm, it is recommended to pre-drill with $\varnothing 3$ mm.

Recommended edge distance according to Eurocode 5 (former DIN 1052)

Pre-drilled	3 x screw diameter d
Without pre-hole	5 x screw diameter d

Technical specifications



Product in the online shop



Order description	Length [mm]	Drive	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL and wax coating						
Window screw type Super-Jot 4.0x25-Z	25	Z2	1000		2211225608	4061245041568
Window screw type Super-Jot 4.0x30-Z	30	Z2	1000		2211230608	4061245041544
Window screw type Super-Jot 4.0x35-Z	35	Z2	1000		2211235608	4061245041537
Window screw type Super-Jot 4.0x40-Z	40	Z2	1000		2211240608	4061245041520
Window screw type Super-Jot 4.0x45-Z	45	Z2	1000		2211245608	4061245041506
Window screw type Super-Jot 4.0x50-Z	50	Z2	1000		2211250608	4061245041490
A2 stainless steel and glide coating						
Window screw Super-Jot 4.0x30-T20	30	TX20	1000		2211230300	4061245041551
Window screw Super-Jot 4.0x45-T20	45	TX20	1000		2211245300	4061245041513

Transom screw



Application range

- > Transom fastening
- > Direct installation into timber and PVC

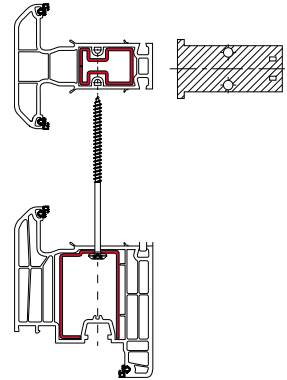
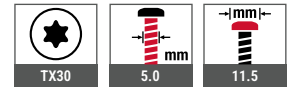
Properties

- > Case-hardened steel
- > Partial thread

Notice

Check pre-drilling when installing into hard wood

Technical specifications



Querverweise **Seite**
 Bit hexalobular TX30 32

Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated					
Transom screw 5.0x80/40	80/40	500		2290120601	4061245041261
Transom screw 5.0x100/55	100/55	500		2290121601	4061245041254

Metric screw



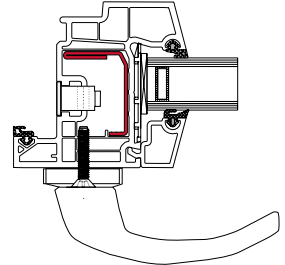
Application range

- > Fastening window handles (window olives)

Properties

- > Steel quality grade 4.8
- > With dog point
- > With metric thread

Technical specifications



Querverweise	Seite
Bit cross recess H2	31

Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated					
Metric screw M5x40	40	500		2237540401	4061245041452
Metric screw M5x48	48	250		2237548401	4061245041445

Self-drilling screw type FD42



Querverweise

Bit cross recess H2

Seite

31

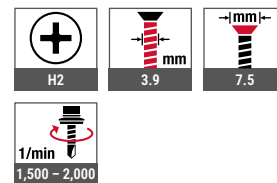
Application range

- > For fixing metal core and fittings to thick-walled and multi-ply PVC profiles and steel or aluminium reinforcements up to 4.0 mm thick

Properties

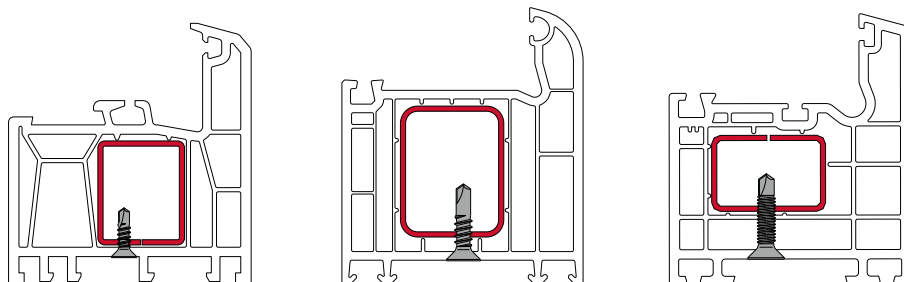
- > Case-hardened steel
- > Special thread
- > Drilling capacity up to 4.0 mm
- > One type of screw for up to three applications
- > Reduction of application errors
- > Reliable fastening process
- > Roll-sorted quality for automated fastening
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical specifications



Application examples

Until now three different screw types were needed for this application.



Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL					
Self-drilling screw FD42 3.9x16	16	1000		7260822607	4061245040615
Self-drilling screw FD42 3.9x19	19	1000		7260823607	4061245044736
Self-drilling screw FD42 3.9x22	22	1000		7260824607	4061245040608
Self-drilling screw FD42 3.9x25	25	1000		7260825607	4061245040592
Self-drilling screw FD42 3.9x30	30	1000		7282823607	4061245045016
Self-drilling screw FD42 3.9x32	32	1000		7260826607	4061245040585
Self-drilling screw FD42 3.9x38	38	1000		7260827607	4061245040578
Self-drilling screw FD42 3.9x45	45	1000		7260828607	4061245040561

Self-drilling screw type FDM2



Querverweise

Bit cross recess H2

Seite

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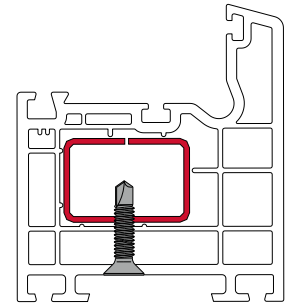
Application range

- > Fixing 1.5 - 3.5 mm reinforced steel in reinforced or multi-ply PVC windows
- > Mounting of fittings

Properties

- > Case-hardened steel
- > With metric thread
- > The fine thread pitch of the metric thread prevents a forced feed in thick-walled PVC or in window profiles with multiple cavities
- > Roll-sorted quality for automated fastening
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical specifications

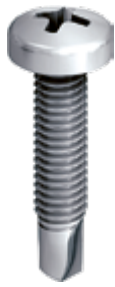


Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL					
Self-drilling screw FDM2 M4x13	13	1000		7286601607	4061245045795
Self-drilling screw FDM2 M4x16	16	1000		7286602607	4061245045801
Self-drilling screw FDM2 M4x19	19	1000		7286603607	4061245045818
Self-drilling screw FDM2 M4x22	22	1000		7286604607	4061245045825
Self-drilling screw FDM2 M4x25	25	1000		7286605607	4061245045832
Self-drilling screw FDM2 M4x32	32	1000		7286607607	4061245045849
Self-drilling screw FDM2 M4x38	38	1000		7286608607	4061245045856
Self-drilling screw FDM2 M4x45	45	1000		7286622607	4061245045863

Self-drilling screw type FDM1



Querverweise

Bit cross recess H2

Seite

31

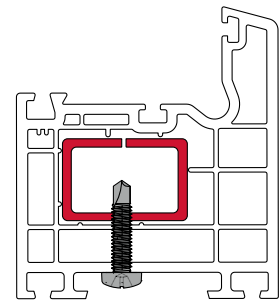
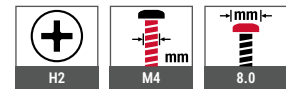
Application range

- > Fixing 1.5 - 3.5 mm reinforced steel in reinforced or multi-ply PVC windows

Properties

- > Case-hardened steel
- > With metric thread
- > The fine thread pitch of the metric thread prevents a forced feed in thick-walled PVC or in window profiles with multiple cavities
- > Roll-sorted quality for automated fastening
- > EJOSEAL is an inorganic, transparent sealant, to significantly increase the corrosion and heat resistance of fastening elements with zinc or zinc alloy coatings. EJOSEAL does not contain wax and is ideally suitable for direct fastening into plastic.

Technical specifications



Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
EJOSEAL					
Self-drilling screw FDM1 M4x16	16	1000		7285502607	4061245040479
Self-drilling screw FDM1 M4x19	19	1000		7285503607	4061245040462

Self-drilling shutter screw type RD



Querverweise

Bit cross recess H2

Seite

31

Application range

- Clamping of
- > Roller-shutter profiles
 - > Drip sills

Properties

- > Case-hardened steel
- > With double-start thread

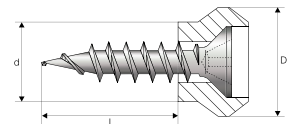
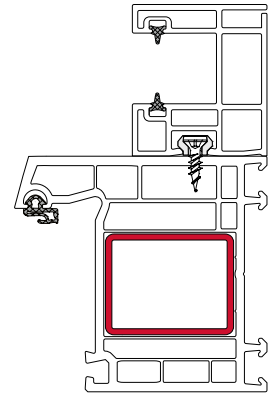
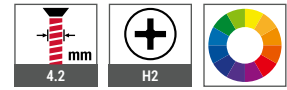
Notice

For the exact determination of a self-drilling shutter screw, a detailed drawing of the groove or a sample profile is required due to a large number of profile variants.

Screw type	Profile*
RD-1	Salamander
RD-2	Rehau, Inoutic, KBE, Aluplast, Deceuninck, Roplasto
RD-3	Trocal, Stöckel
RD-4	Kömmerling, Gealan, Roplasto
RD-5	Hocoplast, Aluplast
RD-6	Veka

*The manufacturers listed here are only examples and can be supplemented by comparable ones

Technical specifications



Product in the online shop



Order description	D [mm]	d [mm]	L [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Self-drilling shutter screw RD-1 4.2x9 full steel	9.5	6.8	9.0	1000		2289021601	4061245083704
Self-drilling shutter screw type RD-1 4.2x9 yellow	9.5	6.8	9.0	1000		2289121602	4061245041322
Self-drilling shutter screw RD-2 4.2x13 full steel	10.5	7.4	13.0	1000		2289022601	4061245081946
Self-drilling shutter screw type RD-2 4.2x13 red	10.5	7.4	13.0	1000		2289122602	4061245041315
Self-drilling shutter screw type RD-3 4.2x12 white	12.0	8.4	12.0	1000		2289123602	4061245041308
Self-drilling shutter screw RD-4 4.2x10 full steel	11.0	8.6	10.0	1000		2289024601	4061245081953
Self-drilling shutter screw type RD-4 4.2x10 blue	11.0	8.6	10.0	1000		2289124602	4061245041292
Self-drilling shutter screw RD-5 4.2x13 full steel	11.0	8.4	13.0	1000		2289025601	4061245081960
Self-drilling shutter screw type RD-5 4.2x12 green	11.0	8.4	12.0	1000		2289125602	4061245041285
Self-drilling shutter screw type RD-6 4.2x12 yellow	9.5	6.8	12.0	1000		2289126602	4061245041278

Coupling screw MS



Application range

- > Coupling of window and door profiles with reinforced steel

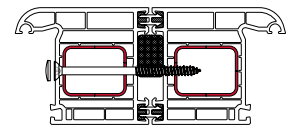
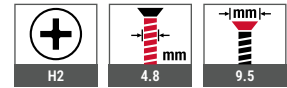
Properties

- > Case-hardened steel

Installation process

- > Pre-drill component 1 with min. 5 to max. 6 mm
- > Pre-drill component 2 with 4 mm
- > Position on the already mounted element and align
- > Then fasten with EJOT coupling screw type MS

Technical specifications



Component 1 Component 2

Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Zinc-plated, blue passivated					
Coupling screw MS 4.8x55	55	100		2200555601	4061245041636
Coupling screw MS 4.8x65	65	100		2200565601	4061245041629
Coupling screw MS 4.8x80	80	100		2200580601	4061245041612
Coupling screw MS 4.8x95	95	100		2200595601	4061245041605
Order information: including white push-on cap (*similar RAL 9010)					

Carrying strap screw



Querverweise	Seite
Carrying strap for windows	18
Bit cross recess H2	31

Application range

- > Use in combination with EJOT carrying strap for window frames with a maximum reinforcement thickness of 4.0 mm

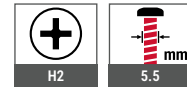
Properties

- > Case-hardened steel

Notice

After fastening the EJOT carrying strap screw, the grommet of the EJOT carrying strap is hooked over the head of the screw.

Technical specifications



Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Zinc-plated, blue passivated					
Carrying strap screw 5.5x22.5	22.5	500		7284062601	4061245040493

Carrying strap for windows

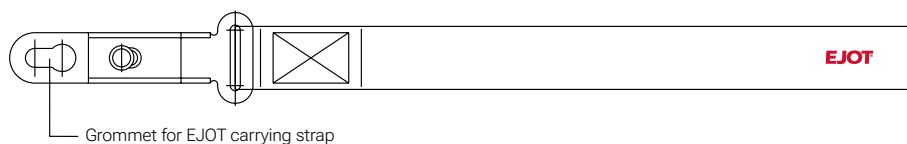


Application range

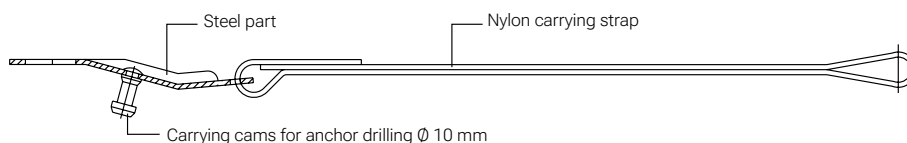
- > For carrying window elements ergonomically
- > Can also be used in combination with EJOT window carrying strap screw
- > Carrying cams of the EJOT carrying strap are inserted into the anchor hole \varnothing 10 mm
- > Grommet is placed on the EJOT carrying strap screw
- > Fastening in the anchor hole \varnothing 10 mm

Properties

- > Nylon carrying strap
- > Carrying strap can be used multiple times
- > Bearing load of carrying cams with anchor hole 10 mm max. 80 kg
- > Bearing load with carrying strap screw max. 320 kg



Grommet for EJOT carrying strap



Steel part

Nylon carrying strap

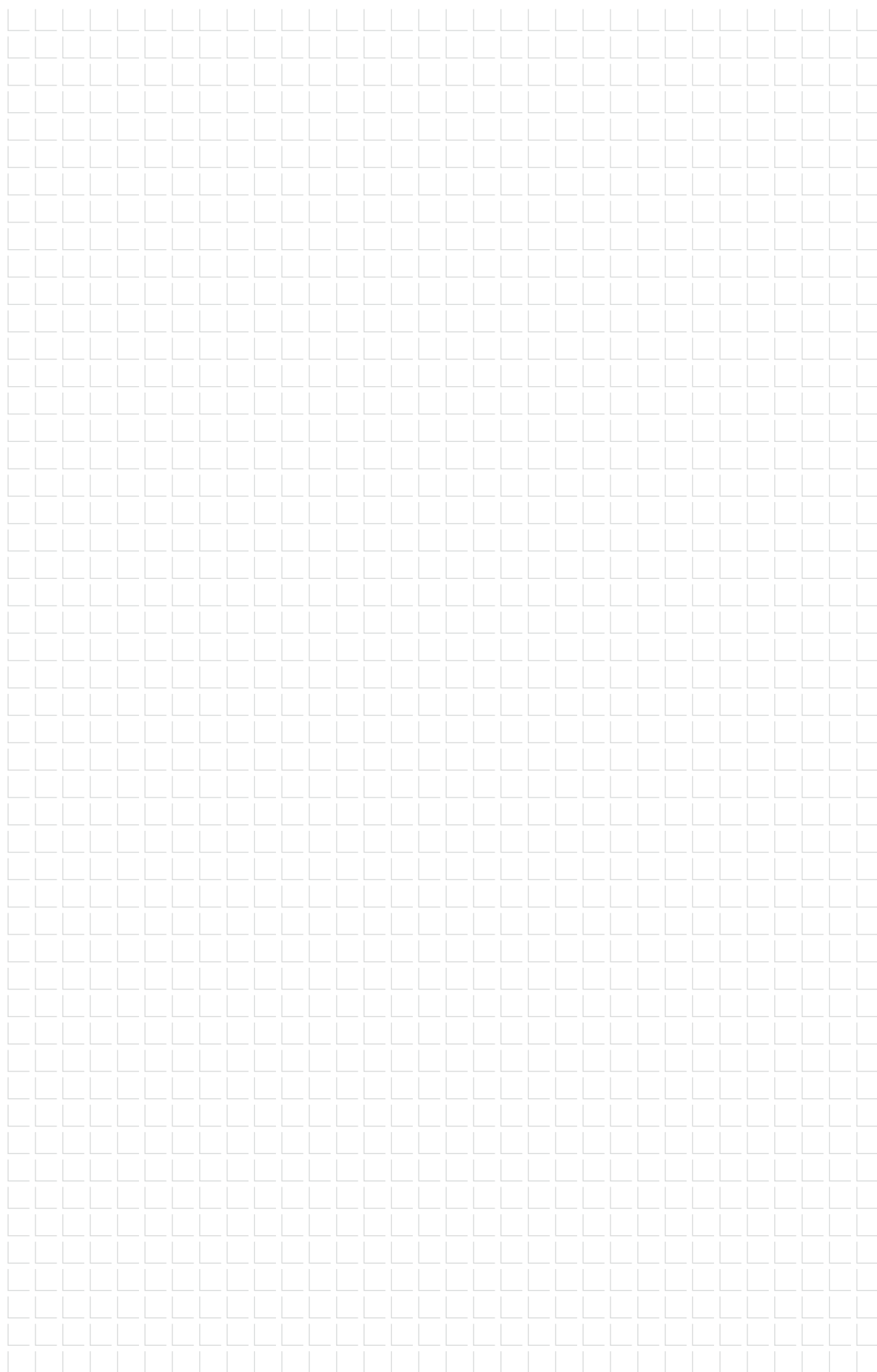
Carrying cams for anchor drilling \varnothing 10 mm

Cross references	page
Carrying strap screw	17

Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Carrying strap for windows, lockable	360	1		9000060086	4061245046808



Frame anchor type RA-P



Cross references	page
Precision drill bit HSS	29
Hammer drill SDS plus	30
Bit hexalobular TX30	32

Application range

- > Direct fastening of plastic windows in masonry and concrete, without any anchors
- > Efficient spaced fixing of windows and doors
- > Installation according to the RAL quality association guidelines for windows and doors

Properties

- > Case-hardened steel
- > Reduced forming moulding and exact fit due to perfect thread geometry
- > Fast installation, reliable anchoring
- > In the case of steel-reinforced windows, it is possible to dispense with pressure-resistant backing at the sides
- > Burglar-resistant (RC2), tested on steel-free plastic windows
- > Tested as fastening element according to the ETB guidelines "Building components which protect against falling from heights"

Installation process

- > Drill \varnothing 6.2 mm frame holes, in-plant or on site, spacing acc. to RAL quality assessment
- > Align frame thoroughly in masonry opening
- > Drill holes into stone, for \varnothing refer to table, drill hole depth = installation depth + 10 mm
- > Fasten the EJOT frame anchors
- > Push on cap if necessary

Edge distances

It is a special benefit of the EJOT frame anchors that they have virtually no expansion. Therefore, significantly smaller edge distances are possible than with conventional anchors. Please note the information given by the wall material manufacturer. Without specification given by the wall material manufacturer, we recommend a minimum edge distance according to the RAL installation guides.

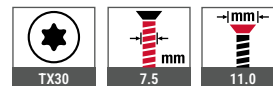
Notice

For the installation of burglar-resistant or anti-fall devices, special assembly instructions apply!

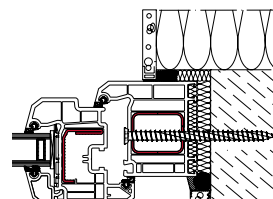
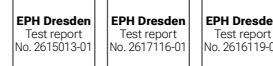
Applications



Technical specifications



Certifications





Building materials	Installation depth ≥ [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

Building materials	Pre-drilling diameter [mm]	drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Steel, t = 6 mm	6.7	Rotary drilling
Concrete ≥ C12/15, Solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick ≥ Plan T12	5.0	Rotary drilling
Aerated concrete ≥ PP4	Omitted	Omitted

Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Zinc-plated, blue passivated					
Frame anchor type RA-P -7.5x40	40	100		2231040601	4061245013060
Frame anchor type RA-P -7.5x60	60	100		2231060601	4061245013053
Frame anchor type RA-P -7.5x70	70	100		2231070601	4061245013046
Frame anchor type RA-P -7.5x80	80	100		2231080601	4061245013039
Frame anchor type RA-P -7.5x90	90	100		2231090601	4061245013022
Frame anchor type RA-P -7.5x100	100	100		2231100601	4061245013015
Frame anchor type RA-P -7.5x120	120	100		2231120601	4061245013008
Frame anchor type RA-P -7.5x135	135	100		2231135601	4061245012995
Frame anchor type RA-P -7.5x150	150	100		2231150601	4061245012988
Frame anchor type RA-P -7.5x180	180	100		2231180601	4061245012971
Frame anchor type RA-P -7.5x210	210	100		2231210601	4061245012964
Frame anchor type RA-P -7.5x250	250	50		2231250601	4061245012957
Frame anchor type RA-P -7.5x300	300	50		2231300601	4061245012940

Including white push-on cap (*similar RAL 9010) Other colours for cover caps available on request

Frame anchor type RA-U



Cross references	page
Precision drill bit HSS	29
Hammer drill SDS plus	30
Bit hexalobular TX30	32

Application range

- > Direct fastening of plastic and wooden windows in masonry and concrete, without any anchors
- > Efficient spaced fixing of windows and doors
- > Installation according to the RAL quality association guidelines for windows and doors
- > All-purpose for various window materials

Properties

- > Case-hardened steel
- > Reduced forming moulding and exact fit due to perfect thread geometry
- > Fast installation, reliable anchoring
- > In the case of steel-reinforced windows, it is possible to dispense with pressure-resistant backing at the sides
- > Burglar-resistant (RC2), tested on steel-free plastic windows

Installation process

- > Drill \varnothing 6.2 mm frame holes, in-plant or on site, spacing acc. to RAL quality assessment
- > Align frame thoroughly in masonry opening
- > Drill holes into stone, for \varnothing refer to table, drill hole depth = installation depth + 10 mm
- > Fasten the EJOT frame anchors
- > Push on cap if necessary

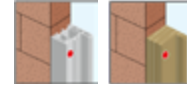
Edge distances

It is a special benefit of the EJOT frame anchors that they have virtually no expansion. Therefore, significantly smaller edge distances are possible than with conventional anchors. Please note the information given by the wall material manufacturer. Without specification given by the wall material manufacturer, we recommend a minimum edge distance according to the RAL installation guides.

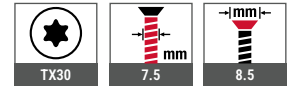
Notice

For the installation of burglar-resistant or anti-fall devices, special assembly instructions apply!

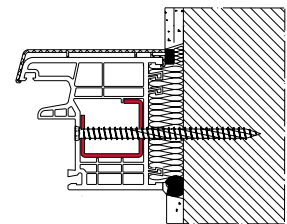
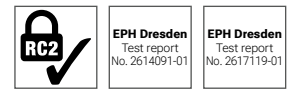
Applications



Technical specifications



Certifications





Building materials	Installation depth ≥ [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

Building materials	Pre-drilling diameter [mm]	Drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Steel, t = 6 mm	6.7	Rotary drilling
Concrete ≥ C12/15, Solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick ≥ Plan T12	5.0	Rotary drilling
Aerated concrete ≥ PP4	Omitted	Omitted

Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Zinc-plated, blue passivated					
Frame anchor type RA-U -7.5x40	40	100		2261040601	4061245012865
Frame anchor type RA-U -7.5x60	60	100		2261060601	4061245012858
Frame anchor type RA-U -7.5x70	70	100		2261070601	4061245012841
Frame anchor type RA-U -7.5x80	80	100		2261080601	4061245012834
Frame anchor type RA-U -7.5x100	100	100		2261100601	4061245012827
Frame anchor type RA-U -7.5x120	120	100		2261120601	4061245012810
Frame anchor type RA-U -7.5x135	135	100		2261135601	4061245012803
Frame anchor type RA-U -7.5x150	150	100		2261150601	4061245012797
Frame anchor type RA-U -7.5x180	180	100		2261180601	4061245012780
Frame anchor type RA-U -7.5x210	210	100		2261210601	4061245012773
Including white push-on cap (*similar RAL 9010) Other colours for cover caps available on request					

Frame anchor type SA-H



Cross references	page
Precision drill bit HSS	29
Hammer drill SDS plus	30
Bit hexalobular TX25	32

Application range

- > Direct fastening of wooden or aluminum-wood windows in masonry and concrete, without any anchors
- > Efficient spaced fixing of windows and doors
- > Installation according to the RAL quality association guidelines for windows and doors

Properties

- > Case-hardened steel
- > Slim head pulls into the wooden outer frame flush with the surface
- > Reduced forming moulding and exact fit due to perfect thread geometry
- > Fast installation, reliable anchoring

Installation process

- > Drill \varnothing 6.2 mm frame holes, in-plant or on site, spacing acc. to RAL quality assessment
- > Align frame thoroughly in masonry opening
- > Drill holes into stone, for \varnothing refer to table, drill hole depth = installation depth + 10 mm
- > Fasten the EJOT frame anchors

Edge distances

It is a special benefit of the EJOT frame anchors that they have virtually no expansion. Therefore, significantly smaller edge distances are possible than with conventional anchors. Please note the information given by the wall material manufacturer. Without specification given by the wall material manufacturer, we recommend a minimum edge distance according to the RAL installation guides.

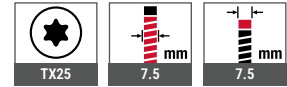
Notice

For the installation of burglar-resistant or anti-fall devices, special assembly instructions apply!

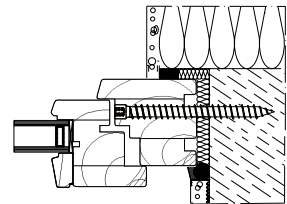
Applications



Technical specifications



Certifications





Building materials	Installation depth ≥ [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

Building materials	Pre-drilling diameter [mm]	Drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Steel, t = 6 mm	6.7	Rotary drilling
Concrete ≥ C12/15, Solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick ≥ Plan T12	5.0	Rotary drilling
Aerated concrete ≥ PP4	Omitted	Omitted

Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
zinc-plated, blue passivated					
Frame anchor type SA-H-7.5x60	60	100		2249060601	4061245012933
Frame anchor type SA-H-7.5x80	80	100		2249080601	4061245012926
Frame anchor type SA-H-7.5x100	100	100		2249100601	4061245012919
Frame anchor type SA-H-7.5x120	120	100		2249120601	4061245012902
Frame anchor type SA-H-7.5x135	135	100		2249135601	4061245012896
Frame anchor type SA-H-7.5x150	150	100		2249150601	4061245012889
Frame anchor type SA-H-7.5x180	180	100		2249180601	4061245012872
Frame anchor type SA-H-7.5x250	250	50		2249250601	4061245081977
Frame anchor type SA-H-7.5x300	300	50		2249300601	4061245081984
Push-on caps available upon request					

Frame anchor type RA-Z



Cross references	page
Precision drill bit HSS	29
Hammer drill SDS plus	30
Bit hexalobular TX 30	32

Application range

- > Direct fastening of plastic and wooden windows in masonry and concrete, without any anchors
- > Especially suited for PVC outer frame without reinforcing steel rods
- > Efficient spaced fixing of windows and doors
- > Installation according to the RAL quality association guidelines for windows and doors

Properties

- > Case-hardened steel
- > Sleek and broad supported head (Ø12 mm)
- > Reduced forming moulding and exact fit due to perfect thread geometry
- > Fast installation, reliable anchoring
- > In the case of steel-reinforced windows, it is possible to dispense with pressure-resistant backing at the sides
- > Burglar-resistant (RC2), tested on steel-free plastic windows
- > Tested as fastening element according to the ETB guidelines "Building components which protect against falling from heights"

Installation process

- > Drill Ø 6.2 mm frame holes, in-plant or on site, spacing acc. to RAL quality assessment
- > Align frame thoroughly in masonry opening
- > Drill holes into stone, for Ø refer to table, drill hole depth = installation depth + 10 mm
- > Fasten the EJOT frame anchors

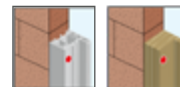
Edge distances

It is a special benefit of the EJOT frame anchors that they have virtually no expansion. Therefore, significantly smaller edge distances are possible than with conventional anchors. Please note the information given by the wall material manufacturer. Without specification given by the wall material manufacturer, we recommend a minimum edge distance of 50 mm, for aerated concrete 60 mm.

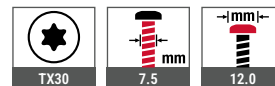
Notice

For the installation of burglar-resistant or anti-fall devices, special assembly instructions apply!

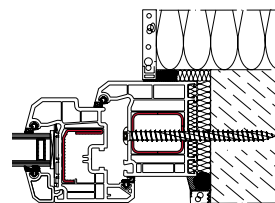
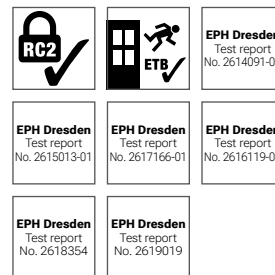
Applications



Technical specifications



Certifications





Building materials	Installation depth ≥ [mm]
Concrete	30
Sand-lime brick, solid brick	40
Vertically perforated brick, lightweight concrete, pumice, aerated concrete	60
Soft wood	60
Hard wood	40

Building materials	Pre-drilling diameter [mm]	Drilling method
Steel, t = 2 mm	6.2	Rotary drilling
Steel, t = 4 mm	6.5	Rotary drilling
Steel, t = 6 mm	6.7	Rotary drilling
Concrete ≥ C12/15, Solid sand-lime brick, solid brick	6.0	Hammer drilling
Perforated sand-lime brick, hollow block, hard wood	6.0	Rotary drilling
Vertically perforated brick ≥ Plan T12	5.0	Rotary drilling
Aerated concrete ≥ PP4	Omitted	Omitted

Product in the online shop



Order description	Length [mm]	PU [pieces]	Price/100 [EUR]	Article number	EAN
Zinc-plated, blue passivated					
Frame anchor RA-Z -7.5x40	40	100		2271040601	4061245073149
Frame anchor RA-Z -7.5x60	60	100		2271060601	4061245073156
Frame anchor RA-Z -7.5x80	80	100		2271080601	4061245073163
Frame anchor RA-Z -7.5x100	100	100		2271100601	4061245073170
Frame anchor RA-Z -7.5x120	120	100		2271120601	4061245012766
Frame anchor RA-Z -7.5x150	150	100		2271150601	4061245012759
Frame anchor RA-Z -7.5x180	180	100		2271180601	4061245012742
Frame anchor RA-Z -7.5x210	210	100		2271210601	4061245012735
Frame anchor RA-Z -7.5x250	250	50		2271250601	4061245012728
Frame anchor RA-Z -7.5x300	300	50		2271300601	4061245012711
Frame anchor RA-Z -7.5x350	350	50		2271350601	4061245075815
Frame anchor RA-Z -7.5x400	400	50		2271400601	4061245075822

Machinery Spare Parts Tools

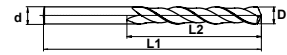
Precision drill bit HSS

**Application range**

- > For structural steel

Properties

- > Form S
- > Short spiral groove

**Product in the online shop**

Order description	D [mm]	L1 [mm]	Rotation speed [rpm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drill bit S 4.1/55	4.1	55	1,600	10		9250405000	4031093054782
Drill bit S 4.5/60	4.5	60	1,400	10		9250434000	4031093054904
Drill bit S 4.5/175	4.5	175	1,400	10		9250436000	4061245020136
Drill bit S 4.5/295	4.5	295	1,400	10		9250450295	4031093071550
Drill bit S 5.0/60	5.0	60	1,300	10		9250409000	4061245020280
Drill bit S 5.0/125	5.0	125	1,300	10		9250411000	4061245020273
Drill bit S 5.0/250	5.0	250	1,300	10		9250414000	4061245020259
Drill bit S 5.1/62	5.1	62	1,200	10		9250439000	4031093055093
Drill bit S 5.3/60	5.3	60	1,200	10		9250415000	4061245020242
Drill bit S 5.3/125	5.3	125	1,200	10		9250417000	4061245020235
Drill bit S 5.3/290	5.3	290	1,200	10		9250438000	4061245020129
Drill bit S 5.5/65	5.5	65	1,200	10		9250420000	4061245020211
Drill bit S 5.5/125	5.5	125	1,200	10		9250422000	4061245020204
Drill bit S 5.5/290	5.5	290	1,200	10		9250424000	4061245020181
Drill bit S 5.7/65	5.7	65	1,100	10		9250425000	4061245020174
Drill bit S 5.7/125	5.7	125	1,100	10		9250427000	4061245020167
Drill bit S 5.7/290	5.7	290	1,100	10		9250433000	4031093438230
Drill bit S 5.8/125	5.8	125	1,100	10		9250580125	4061245054148
Drill bit S 5.8/300	5.8	300	1,100	10		9250580300	4061245031347
Drill bit S 6.2/101	6.2	101	1,000	10		9250620101	4061245081113
Drill bit S 6.5/101	6.5	101	1,000	10		9250650101	4061245081120
Drill bit S 6.7/101	6.7	100	1,000	10		9250670101	4031093015790
Drill bit S 6.8/225	6.8	225	900	10		9250510000	4061245020051
Drill bit S 6.8/325	6.8	325	900	10		9250680325	4061245020044
Drill bit S 7.0/225	7.0	225	900	10		9250493000	4061245020112
Drill bit S 7.0/325	7.0	325	900	10		9250700325	4061245020037
Drill bit S 7.2/225	7.2	225	900	10		9250494000	4061245020105
Drill bit S 7.2/325	7.2	325	900	10		9250720325	4061245019970
Drill bit S 7.4/225	7.4	225	900	10		9250497000	4061245020099
Drill bit S 7.4/325	7.4	325	900	10		9250740325	4061245019963

Hammer drill SDS plus®



Application range

- > For masonry, concrete, natural stone, artificial stone, etc.

Advantages

- > Long service life
- > Centering point for easy, pinpoint drilling
- > Short spiral starts for optimised drill dust transport
- > Radially shaped reinforcement protection against hooking in case of reinforcement hits
- > 4x4 design allows precise concentricity and minimizes wear and friction losses
- > High-quality hardened and tempered steel for the toughest applications

Technical specifications



Product in the online shop



Order description	D [mm]	L1 [mm]	L2 [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
4 edges							
4 edge SDS-plus 5x160	5.0	160	100	1		9270005160	4061245080208
4-edge SDS-plus 5x260	5.0	260	200	1		9270005060	4061245080314
4-edge SDS-plus 5x410	5.0	410	350	1		9270005350	4061245080239
4-edge SDS-plus 6x160	6.0	160	100	1		9270006160	4061245080253
4-edge SDS-plus 6x260	6.0	260	200	1		9270006260	4061245080277
4-edge SDS-plus 8x160	8.0	160	100	1		9270008160	4061245080284
4-edge SDS-plus 8x260	8.0	260	200	1		9270008260	4061245080307
4-edge SDS-plus 8x360	8.0	360	300	1		9270008360	4061245080338
4-edge SDS-plus 8x600	8.0	600	540	1		9270008600	4061245080369
4-edge SDS-plus 10x160	10.0	160	100	1		9270010160	4061245080376
4-edge SDS-plus 10x260	10.0	260	200	1		9270010260	4061245080390
4-edge SDS-plus 10x360	10.0	360	300	1		9270010360	4061245081137
4-edge SDS-plus 10x460	10.0	460	400	1		9270010460	4061245080406
4-edge SDS-plus 12x160	12.0	160	100	1		9270012160	4061245081144
4-edge SDS-plus 12x260	12.0	260	200	1		9270012260	4061245081151
4-edge SDS-plus 14x160	14.0	160	100	1		9270014160	4061245081175
4-edge SDS-plus 14x310	14.0	310	250	1		9270014310	4061245081267
4-edge SDS-plus 15x160	15.0	160	100	1		9270015160	4061245081199
4-edge SDS-plus 16x260	16.0	260	200	1		9270016260	4061245081212

Further lengths upon request



Bit cross recess

**Application range**

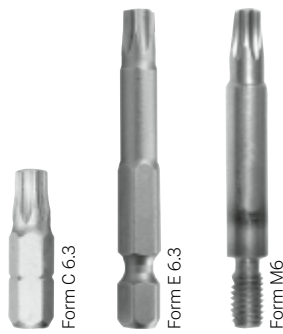
- > For use in the flat roof area
- > For use in the window and glass facade area

Technical specifications

Order description	Drive and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - form C 6.3						
PH2-1/4"/Cx25	H2	25	1		9250474000	4050623100232
Bit PZ2-1/4"/Cx25	Z2	25	1		9250473000	4061245054254
Drive: 1/4" hexagon DIN/ISO 1173 - form E 6.3						
PH2-1/4"/Ex50	H2	50	1		9250709000	4050623102281
PH2-1/4"/Ex200	H2	200	1		9200000200	4061245021058
PH2-1/4"/Ex350	H2	350	1		9200000350	4061245021065
Drive: threaded connection M6						
Bit PH 2 - M6 x 35	H2	35	1		9250612000	4061245021027

Product in the online shop

Hexalobular bit TX



Application range

> For fastening of all EJOT fasteners with hexalobular drive TX

Technical specifications



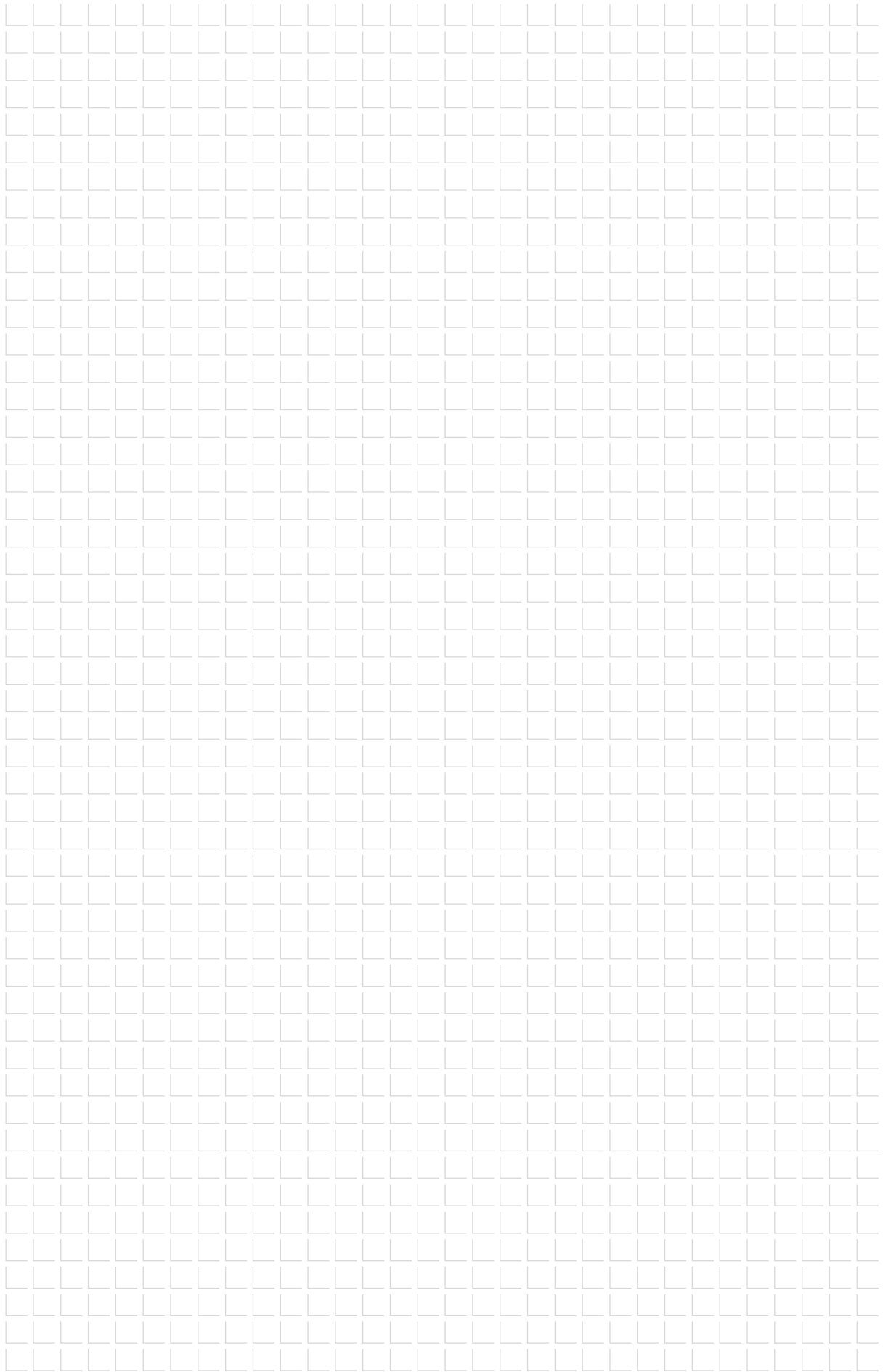
Product in the online shop



Order description	Drive and Size	Length [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
Drive: 1/4" hexagon DIN/ISO 1173 - C 6.3						
TX20-1/4"/Cx25	TX20	25	1		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
TX25-1/4"/Ex300	TX25	300	1		9252014300	4061245075457
TX25-1/4"/Ex350	TX25	350	1		9252014350	4061245105611
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 M6						
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 and note images

Applications

Windows and Glass Facades



Fastening of plastic windows in masonry/ concrete



Fastening of wooden windows in masonry/ concrete

Technical data | Certifications | Other

Technical specifications

 DC t ₁ +t ₂ 1.0 + 1.0 Drilling capacity t ₁ +t ₂	 DC t ₁ 1.0 Drilling capacity t ₁	 DC t ₁ 1.0 Drilling capacity t ₁	 1/min max. 1,800 Installation rotation speed	 Screw with swarf-reducing point	 0 - 4 Clamping thickness screw	 16.0 Diameter Hexagon head	 7.5 Diameter Countersunk head	 12.0 Diameter Countersunk head with flange	 12.0 Diameter Pan head	 12.0 Diameter LT Pan head	 12.0 Diameter LT Pan head with cutting ring
 12.0 Diameter Truss head	 12.0 Diameter Flat head	 2.0 Height hexagon head	 13.0 Height LT pan head	 13.0 Height LT pan head with cutting ring	 13.0 Height truss head	 13.0 Height flat head	 4.8 Screw diameter with hexagon head	 4.8 Screw diameter with countersunk head	 4.8 Screw diameter with STS countersunk head	 4.8 Screw diameter with pan head	 4.8 Screw diameter with LT pan head
 4.8 Screw diameter with LT pan head with cutting ring	 4.8 Screw diameter with truss head	 4.8 Screw diameter with flat head	 End mill	 2-Plus Point type	 Wing drill screw	 13.0 Flange head diameter	 5.0 Undercut	 6.3 High thread diameter	 5.0 Length non-threaded part hexagon head screw	 13.0 Length non-threaded part LT pan head screw	 13.0 Length non-threaded part LT-XT pan head screw
 Tool for FR screws with sealing washer	 Tool for screws without sealing washer	 4.9 Diameter left-hand thread	 9.5 Diameter rivet setting head	 1.5 Height rivet setting head	 2.7 Diameter riveting mandrel	 4.8 Diameter rivet shaft	 4.9 Drill hole diameter rivet	 TX white Push-on cap	 XT Centring grommet	 13 Effective shaft length	 8.0 Flat roofing anchor diameter
 50.0 Flat roof stress plate diameter	 t _{max} 15.0 Clamping thickness metal anchor	 M12 Set screw diameter	 M8 Internal thread diameter	 10.0 Threaded sleeve external diameter	 8.0 Insulation support anchor shaft diameter	 90 Insulation support anchor washer diameter	 8.0 Nylon anchor diameter	 8.0 Metal anchor diameter	 T _{inst} Nm 60 Tightening torque	 SDS plus Drive SDS plus®	 4-edge Drill with 4-cutting edge geometry
 [Manufacturer] PGM Masonry Drill Bit Certification Board	 E16 Sealing washer size and material	 H2 Drive cross recess H	 H2 Drive external cross recess H	 Z2 Drive cross recess Z	 Z2 Drive external cross recess Z	 5 Drive internal square	 5 Drive external square	 Triangular Drive external triangular	 SW8 Drive external hexagon	 SW8 Drive internal hexagon	 SW13/TX40 Drive external hexagon/hexalobular
 TX25 Drive hexalobular	 TX25 Drive external hexalobular	 d _{nom} mm 10.0 Nominal drill diameter	 d ₀ mm 10.0 Drill hole diameter	 h ₁ mm 10 Drill hole depth	 t mm 10.0 Drill hole depth	 h _{nom} mm ≥ 70.0 Nominal embedment depth	 h _{ef} mm ≥ 50.0 Effective embedment depth	 h _v mm ≥ 70.0 Embedment depth	 d ₁ mm 10.0 Through hole component I	 Slip resistance due to telescopic system	 Slip resistance through support (metal-plastic)
 Slip resistance through support (metal-metal)	 ETB Checked fastening element acc. to ETB guideline	 RC2 Resistance class of burglar-resistant components	 Waterproof	 Protect from moisture	 ROSTFREI STAINLESS STEEL Stainless steel material	 Suitable for high-strength substructures	 Also available as painted version	 Werte ermittelt durch das Passivhaus Institut Values determined by the Passivhaus Institute	 A1 Fire performance class according to European standard and DIN	 Fire resistant	 Suitability according to seismic performance category
 C 1000 Top Coating C1000	 CLIMADUR Top Coating CLIMADUR	 EJO GUARD Top Coating EJO GUARD	 EJO GUARD+ EJO GUARD+ coating	 225.0 mm Flat roof profile length	 30.0 mm Flat roof profile width	 7.5 mm Flat roof profile height					

Certifications



European Technical Assessment



National technical approval abZ



General construction technique permit aBG



National technical test certificate abP



FM Approval product certification by FM Global



Environmental Product Declaration EPD



Emission category according to French VOC directive



International Code Council Evaluation Service



LEED-tested



Certified according to NSF/ANSI 61 drinking water system components

Other



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Online shop



Follow assembly instructions



Video



EJOT SE & Co. KG

Market Unit Construction

In der Stockwiese 35

57334 Bad Laasphe · Germany

T +49 2752 908-0

F +49 2752 908-731

construction@ejot.com

www.ejot.com/construction