

Mounting Elements for Attachments

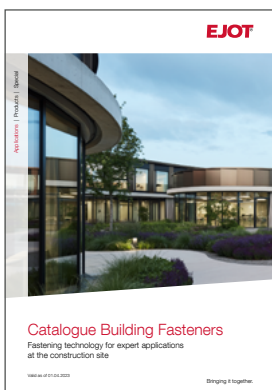
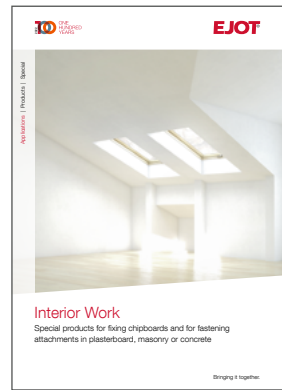
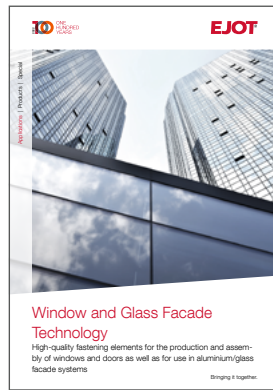
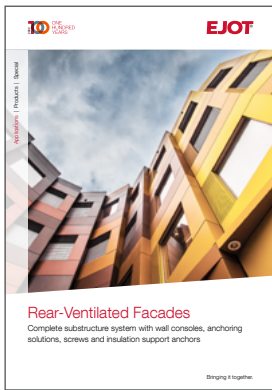
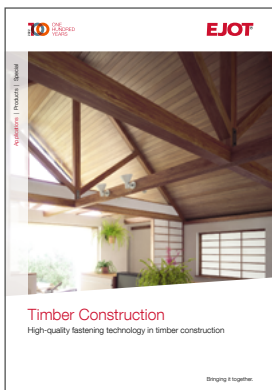
Fastening solutions for the subsequent fastening of attachments to ETICS facades

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 Mounting Elements for Attachments. 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

Anchor Iso-Dart

Plastics/steel

Iso-Dart 4

Machinery

Cordless hammer drills

ABH 18 Select 7

Tools

Hammer drill SDS plus®

4-edge SDS-plus 8

Bit

Hexalobular TX 9

Iso-Dart



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application range

For retrofitting of light to medium-heavy attachments to ETICS facades made of EPS, mineral wool and mineral foam, such as:

- > Downpipe brackets
- > Folding shutter latches
- > Signs and billboards
- > Lamps

Properties

- > Installation bush made of glass-fibre-reinforced plastic including a high-quality EPDM sealing washer and an EJOT facade anchor (Ø 8 mm)
- > Attachments are fastened with common hanger bolts or coarse thread screws
- > Common assembly tool
- > Recommended service load for each fixing point max. 15 kg

Benefits

- > High load-bearing capacity through load extension into the substrate
- > Reduced thermal transmission by thermal decoupling – Chi value 0.002 W/K according to TR 025
- > Waterproofing against the plaster shell with high-quality EPDM seal - Inspection of the resistance to driving rain in accordance with DIN EN 12155
- > Easy and quick installation

Technical specifications

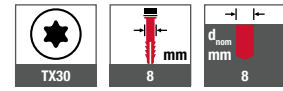
Processing in installation bush

Coarse thread screws	Ø 9 mm
Hanger bolts	Ø 9 mm, M10
Minimum installation depth	40 mm

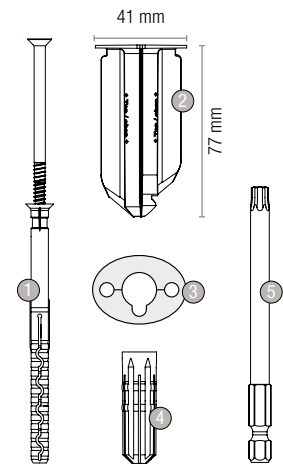
Processing in installation bush + reduction insert

Coarse thread screws	Ø 4 mm / Ø 5 mm
Minimum installation depth	35 mm

Technical specifications



Certifications



Included in delivery

- 10 EJOT facade anchors (1)
- 10 installation bushes (2)
- 10 seals (3)
- 10 reduction inserts (4)
- 1 installation bit (5)

Recommended service loads

Substrate	Raw density class ρ [kg/dm ³]	Minimum compressive strength f_b [N/mm ²]	Axial tensile strength ¹⁾ [kN]	Shear resistance [kN]
Concrete \geq C12/15	-	-	0.30	0.15
solid clay brick	\geq 1.8	12	0.30	0.15
solid sand-lime brick	\geq 1.8	12	0.30	0.15
Lightweight concrete brick	\geq 0.5	4	0.25	0.15
vertically perforated brick	\geq 0.9	12	0.25	0.15
Perforated sand-lime brick	\geq 1.6	12	0.25	0.15
Lightweight concrete hollow blocks	\geq 0.5	2	0.15	0.15
Aerated concrete	\geq 0.5	4	0.20	0.15
Chipboards and OSB, $d \geq$ 18 mm	-	-	0.20	0.10
Solid construction timber (KVH), $d \geq$ 60 mm	-	-	0.30	0.15

Details apply for the shear force transmission immediately after the bush. ¹⁾When using the reduction insert the axial force is limited to max. 0.2 kN.

Application matrix

Insulation thickness [mm]	Concrete and masonry ¹⁾	Solid wood ²⁾	Timber composite plates ²⁾ (OSB, chipboard d ≥ 18 mm)
80	EJOT Iso-Dart 80	-	-
100	EJOT Iso-Dart 100	-	-
120	EJOT Iso-Dart 120	EJOT Iso-Dart 100	EJOT Iso-Dart 80
140	EJOT Iso-Dart 140	EJOT Iso-Dart 120	EJOT Iso-Dart 100
160	EJOT Iso-Dart 160	EJOT Iso-Dart 140	EJOT Iso-Dart 120
180	EJOT Iso-Dart 180	EJOT Iso-Dart 160	EJOT Iso-Dart 140
200	EJOT Iso-Dart 200	EJOT Iso-Dart 180	EJOT Iso-Dart 160
220	EJOT Iso-Dart 220	EJOT Iso-Dart 200	EJOT Iso-Dart 180
240	EJOT Iso-Dart 240	EJOT Iso-Dart 220	EJOT Iso-Dart 200
260	EJOT Iso-Dart 260	EJOT Iso-Dart 240	EJOT Iso-Dart 220
280	EJOT Iso-Dart 280	EJOT Iso-Dart 260	EJOT Iso-Dart 240
300	-	EJOT Iso-Dart 280	EJOT Iso-Dart 260
320	-	-	EJOT Iso-Dart 280

¹⁾ Tolerance compensation up to 30 mm. ²⁾ Using the screw without anchor sleeve - only pre-drill up to the substrate

Product online



Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
EJOT Iso-Dart 140	10		8500140440	4039161012801
EJOT Iso-Dart 160	10		8500160440	4039161012818
EJOT Iso-Dart 180	10		8500180440	4039161012825
EJOT Iso-Dart 200	10		8500200440	4039161012832
EJOT Iso-Dart 220	10		8500220440	4039161012849
EJOT Iso-Dart 240	10		8500240440	4039161012856

Order information: Product not available in the online shop.

Further lengths on request



Machinery Spare Parts Tools

Cordless hammer drill ABH 18 Select



Included in delivery

- 1 ABH 18 Select
(without battery pack or battery charger)
- 1 handle
- 1 depth stop
- 1 plastic tool case

Application range

- > For drilling up to 20 mm in concrete Diameter

Properties

- > Rapid work progress thanks to brushless motor with high impact energy
- > Fatigue-free working thanks to compact design and few vibrations
- > Protection for the user and tool by means of safety clutch and overload protection
- > Combination hammer with three functions: hammer drilling, drilling and chiselling
- > Brushless motor with 30% higher efficiency and long service life
- > 100 holes (10 x 75 mm) possible with one battery charge (6 Ah)
- > Setting of 68 mm socket holes with drill bit in masonry possible
- > The optional drilling dust nozzle means that little dust is produced
- > Low-vibration working at just 12 m/s²
- > FEIN SafetyCell technology. Protects the battery and tool from overload, overheating and total discharge
- > The battery charge can be read off the battery

Technical specifications

Battery voltage	18 V
Motor	brushless
Idle speed	0–1200 rpm
Impacts	0–4400 rpm
impact energy	2.0 J
Tool holder	SDS-plus
Drill Ø concrete	20 mm
Drill Ø masonry	68 mm
Drill Ø steel	13 mm
Drill Ø timber	22 mm
Weight without battery	2.30 kg
Battery pack	not included in delivery

3-year FEIN PLUS

Warranty

including battery and charger
(if registered online)

Product online



Order description

Order description	PU [pieces]	Price/1 [EUR]	Article number	EAN
Cordless hammer drill ABH 18 Select	1		9150320000	4014586889214

Hammer drill SDS plus®



Application range

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

Benefits

- > Long service life
- > Centering point for easy, pinpoint drilling
- > Short spiral starts for optimized 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 online

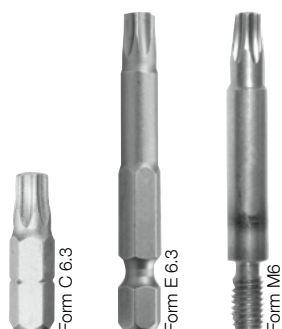


Order description	D [mm]	L1 [mm]	L2 [mm]	PU [pieces]	Price/1 [EUR]	Article number	EAN
4 edges							
4-edge SDS-plus 5x160	5.0	160	100	1		9270005160	4061245080208
4-edge SDS-plus 5x260	5.0	260	200	1		9270005060	4061245080314
4-edge SDS-plus 5x410	5.0	410	350	1		9270005350	4061245080239
4-edge SDS-plus 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 16x260	16.0	260	200	1		9270016260	4061245081212

Further lengths upon request



Bit hexalobular TX



Application range

> For fastening of all EJOT fasteners with drive hexalobular TX

Technical specifications



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



Product and note charts

Technical data | Certifications | Other



Technical specifications

 Drilling capacity $t_1 + t_2$	 Drilling capacity t_1	 Drilling capacity t_2	 Installation rotation speed max. 1,800	 Screw with swarf-reducing point	 Clamping thick- ness screw 0 - 4	 diameter Hexagon head 16	 diameter Countersunk head 7.5	 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 cylinder head 12.0	 Height hexagon head 2.0	 Height LT pan head 13	 Height LT pan head with cutting ring 13	 Height truss head 13	 Height flat head 13	 Screw diameter with Hexagon head 4.8	 Screw diameter with counter- sunk head 4.8	 Screw diameter with STS coun- tersunk 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 4.8	 End mill	 Wing drill screw	 Flange head diameter 13	 Undercut 5	 High thread diameter 6.3	 Length non-threaded part Hexagon head screw 5	 Length non-threaded part LT pan head screw 13	 Length non-threaded part LT-XT pan head screw 13	 Diameter rivet setting head 9.5
 Height rivet setting head 1.5	 Diameter rivet- ring mandrel 2.7	 Diameter rivet shaft 4.8	 Drill hole diam- eter rivet 4.9	 Push-on cap white	 Centring grommet XT	 Effective shaft length 13	 Flat roofing an- chor diameter 8.0	 Flat roof stress plate diameter 50	 Clamp thickness metal anchor 15	 Set screw diameter M12	 Internal thread diameter M8
 Threaded sleeve external diameter 10	 Insulation support anchor shaft diameter 8.0	 Insulation support anchor washer diameter 90	 Nylon anchor diameter 8.0	 Metal anchor diameter 8.0	 Tightening torque 60 Nm	 Drive SDS plus®	 Drill with 4-cutting edge geometry 4-edge	 PGM Masonry Drill Bit Certifi- cation Board [Manufacturer]	 Sealing washer size and material E16	 Drive cross recess H H2	 Drive external cross recess H H2
 Drive cross recess Z Z2	 Drive external cross recess Z Z2	 Drive internal square 5	 Drive external square 5	 drive external triangular Triangular	 Drive external hexagon SW8	 Drive internal hexagon SW8	 Drive external hexagon/hex- alobular SW13/TX40	 Drive hexalobular TX25	 Drive external hexalobular TX25	 Nominal drill diameter d_{nom} 10	 Drill hole diameter d_h 10
 Drill hole depth h 10	 Drill hole depth t 10	 Nominal embedment depth h_{nom} ≥ 70	 Effective embedment depth h_{eff} ≥ 50	 Embedment depth h_v ≥ 70	 Through hole component I d 10	 Slip resistance due to tele- scopic system	 Slip resistance through support	 Checked fast- ening element acc. to ETB guideline	 Resistance class of burglar- resistant components RC2	 Waterproof	 Protect from moisture
 Stainless steel material Rost frei	 Suitable for high-strength substructures	 Also available as painted version	 Values determined by the Passivhaus Institute	 Fire per- formance class according to European standard and DIN A1	 Fire rating according to DIN 4102-2 F120	 Fire resistant F-resistant	 Suitability according to seismic performance category C2	 Coating C 1000	 Coating CLIMADUR	 Coating EJO GUARD	 EJO GUARD+ coating

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

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