



EJOT[®]



**Buildings
Fasteners
Catalogue**

- Metal roofing and cladding
- External thermal insulation composite systems (ETICS)
- Insulated rainscreen cladding systems
- Flat roofing
- Offsite modular construction
- General building and construction

The Quality Connection

www.ejot.co.uk

EJOT®

**Your fastener partner
in the building and construction industry**



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EJOT U.K. Limited, Hurricane Close, Sherburn Enterprise Park,
Sherburn-in-Elmet, Leeds LS25 6PB

Expertise

With over **30 years of experience**, development and **Made in Germany 'know-how'**, we understand the requirements for a fastener and its application on building envelopes. Our knowledge provides the base and source of our products and **EJOT's** solutions offer our customers real benefits.

Quality and efficient assembly

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

Customer-friendly service

We make a point of building trusting and friendly relationships with our customers. Our advisers offer **24-hour customer service** with technical back-up on site when required. In addition, **EJOT** offers 'know-how' through **training seminars**.

Global availability

EJOT's UK manufacturing and supply base is complemented with **EJOT's Europe-wide sales and service network** as well as a worldwide project support team **always ready to help our customers at any time**, nationally and internationally.

EJOT Bespoke Solutions

Day-to-day input in meeting customers' requirements has strengthened our knowledge of fastening technology leading to new and innovative ideas. This knowledge has become an invaluable source in finding increasingly efficient fastening and assembly technologies. With the help of the most modern



testing machinery and equipment, we not only develop the engineering of new products and production methods, but also application-specific dimensioning and performance values are determined simultaneously.

Working in partnership

We work in partnership with UK manufacturers of related components and systems in the design and development of fasteners systems to ensure that the optimum fastener combination can be achieved and meet stringent UK and European standards.

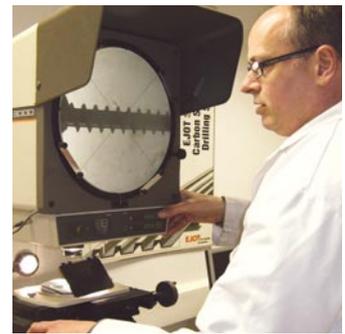
Our Applitec facilities and depth of knowledge, in combination with **EJOT's** extensive European resources, gives confidence and reassurance to system manufacturers in the selection of **EJOT** components for their products at home and abroad.



EJOT[®]

Applitec Centre

The unique UK facility



EJOT products are high quality, they always reflect the current technical standards by investigation and development.

The competitive market and changing demands require a fast response to maintain this quality and to meet UK and European standards - before they are even issued.

That's why **EJOT** developed its unique Applitec centre; the most comprehensive fastener testing facility in the UK. We undertake testing for all aspects of fastener technology, from simple dimensional and 3-dimensional analysis to testing the mechanical, structural and material dynamics of both the product alone and within its application.



Professional Associations

EJOT works with a number of notable trade bodies to enhance the industries in which they serve.

With over 30 years of experience and development, **EJOT** understands the requirements of a fastener and its application on building envelopes very precisely.

As a major European manufacturer of quality products, we are keen to share this knowledge with similar leading companies and organisations.

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Self-Drilling Fasteners

Self-Tapping Fasteners - page 39

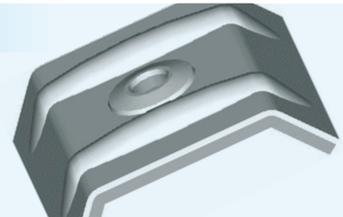
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Storm Washers

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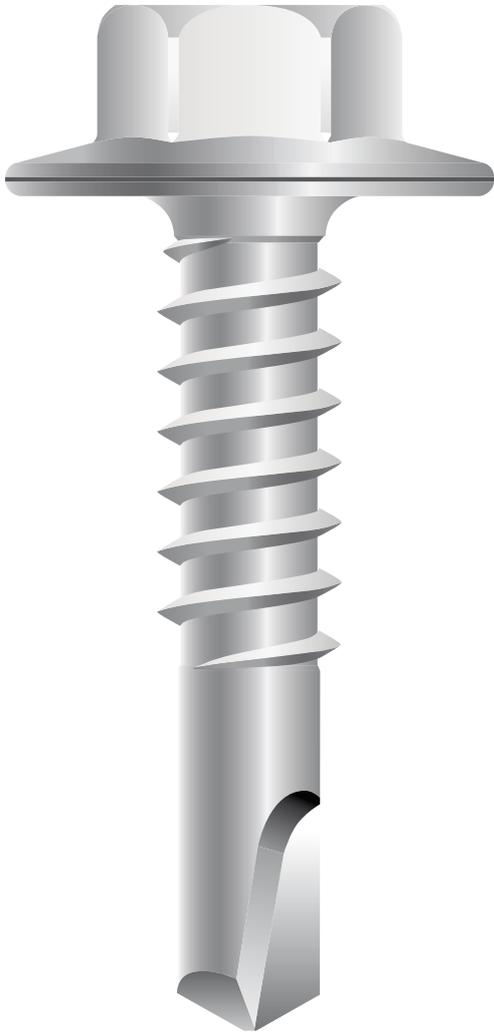
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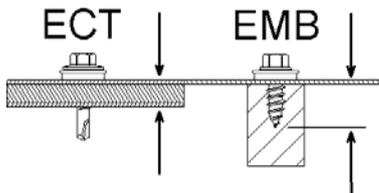
Tools & Tooling Accessories

EJOT-SAPHIR®

Carbon Steel Self-Drilling Fasteners JT2



- Product Group** A range of fasteners specifically designed for use in roofing and cladding. Many fasteners feature our 8mm Hex Hi-Lode head styles with 14mm washer flange, for the ultimate in pullover resistance and sealing ability.
- Design** The drill points and thread forms are designed to provide maximum mechanical performance with ample safety margins for use on building sites.
- Assembly** Where specified they are assembled with a high quality metal and EPDM vulcanised sealing washer ensuring a safe seal every time.
- Finish** The specified fasteners have a zinc or organic finish for maximum corrosion resistance in their given application.
- Colour Matching** For colour matching and added corrosion resistance it is recommended that, when used in external applications, these fasteners be capped with EJOT push-on caps or supplied with Colorfast integral nylon heads (see Colorfast section).



Effective Clamping Thickness

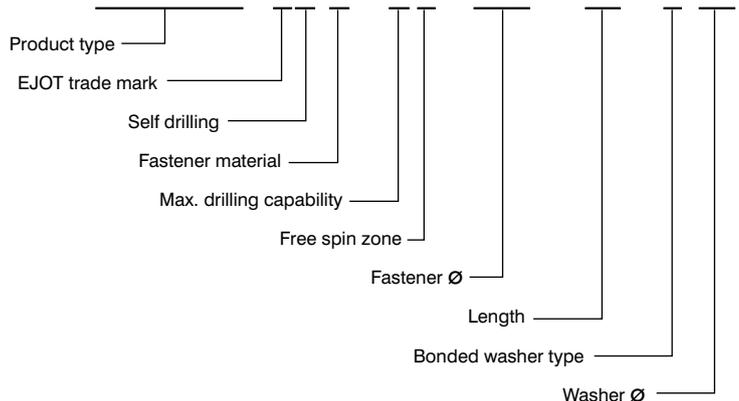
(ECT) is the total thickness of the build up to be fixed.

Embedment

(EMB) figures relate to depth into substrate (not including clamp pieces).

EJOT product codes explained:

SAPHIR® JT 2 - 2H - 4.8 x 16 - A15

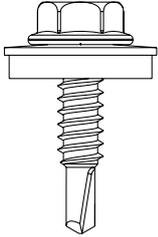


EJOT SAPHIR® Self-Drilling Secondary Fasteners

Reduced point carbon steel with organic corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

SF

8mm AF



Application

For fixing laps of roofing or cladding sheets and flashings

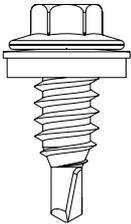


Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A14 Min ECT Max	
4.8 x 23	N/A	N/A	0.7 - 8.0	100
6.3 x 25	0.7 - 11.0	0.7 - 11.0	N/A	100

Order Example: SF 4.8 x 23 A15

SFMS

8mm AF



Application

For fixing laps of roofing or cladding sheets and flashings

- High stripping torque for thin steel

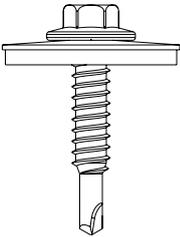


Ø x L mm	Washer Options		Min Qty
	S16 Min ECT Max		
8.0 x 25	0.7 - 11.0		100

Order Example: SFMS 8.0 x 25 S16

JT2-2H

8mm AF



Application

For fixing rooflight laps



Ø x L mm	Washer Options		Min Qty
	A19 Min ECT Max	A29 Min ECT Max	
JT-2H 6.3 x 32	0.7 - 18.0	0.7 - 18.0	100
RLS x 25	8.0 - 16.0	8.0 - 16.0	100
RLS x 38	21 - 29	21 - 29	100

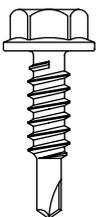
Order Example: JT2-2H-6.3 x 32 A29

EJOT SAPHIR® Self-Drilling Light Section Fasteners

Carbon steel with zinc corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

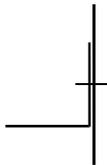
LST

8mm AF



Application

For fixing steel sheets to steel sections from 1.5 to 3.0mm in thickness



Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max		
4.8 x 20	1.2 - 8.0		100

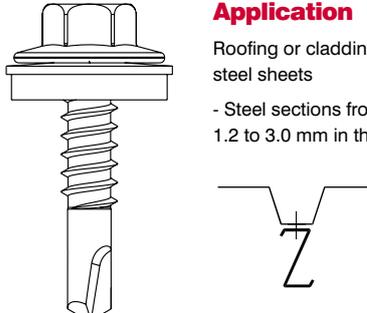
Order Example: LST-4.8 x 16

EJOT SAPHIR® Self-Drilling Light Section Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

LS

8mm AF



Application
Roofing or cladding steel sheets
- Steel sections from 1.2 to 3.0 mm in thickness

Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A29 Min ECT Max	
5.5 x 25	1.2 - 6.0	1.2 - 6.0		100
5.5 x 32	1.2 - 11.0	1.2 - 11.0	1.2 - 10.0	100
5.5 x 38	1.2 - 14.0	1.2 - 14.0	1.2 - 13.0	100
5.5 x 50	1.2 - 35.0	1.2 - 35.0	1.2 - 34.0	100
5.5 x 70	27.0 - 55.0	27.0 - 55.0	27.0 - 54.0	100

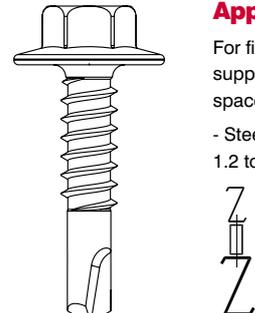
Order Example: LS 5.5 x 25 A15

EJOT SAPHIR® Self-Drilling Light Section Fasteners

Carbon steel with organic corrosion resistant finish. Unwashed.

LS

8mm AF



Application
For fixing internal steel sections, support bar systems and ferrule spacers
- Steel sections from 1.2 to 3.0 mm in thickness

Ø x L mm	Washer Options	Min Qty
	Unwashed	
5.5 x 25	1.2 - 8.0	100
5.5 x 50	1.2 - 37.0	100
5.5 x 70	30.0 - 57.0	100

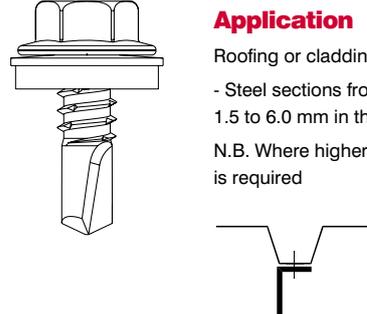
Order Example: LS 5.5 x 25

EJOT SAPHIR® Self-Drilling Medium Section Fasteners

Carbon steel with zinc corrosion resistant finish. Assembled with aluminium / EPDM vulcanised sealing washers.

JT2-6

3/8mm AF



Application
Roofing or cladding steel sheets
- Steel sections from 1.5 to 6.0 mm in thickness
N.B. Where higher shear load is required

Ø x L mm	Washer Options		Min Qty
	A15 Min ECT Max	A19 Min ECT Max	
6.3 x 19	2.0 - 4.0	2.0 - 4.0	100
6.3 x 25	2.0 - 10.0	2.0 - 10.0	100
6.3 x 38	2.0 - 23.0	2.0 - 23.0	100

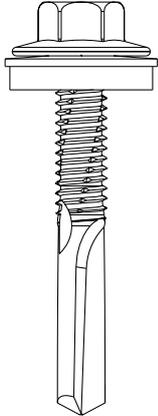
Order Example: JT2-6-6.3 x 19 A15

EJOT SAPHIR® Self-Drilling Heavy Section Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

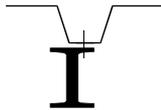
HS

8mm AF



Application

Profiled roofing or cladding steel sheets
- Steel sections from 4.0 to 12.0 mm in thickness



Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A29 Min ECT Max	
5.5 x 38	4.0 - 14.0	4.0 - 14.0	4.0 - 13.0	100
5.5 x 55	4.0 - 28.0	4.0 - 14.0	4.0 - 27.0	100
5.5 x 65	4.0 - 39.0	4.0 - 14.0	4.0 - 38.0	100
5.5 x 76	4.0 - 50.0	4.0 - 14.0	4.0 - 49.0	100

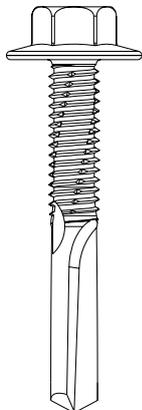
Order Example: HS-5.5 x 38 A15

EJOT SAPHIR® Self-Drilling Heavy Section Fasteners

Carbon steel with organic corrosion resistant finish. Unwashed.

HS

8mm AF



Application

For fixing internal steel sections, support bar systems and ferrule spacers
- Steel sections from 4.0 to 12.0 mm in thickness



Ø x L mm	Washer Options	Min Qty
	Unwashed	
5.5 x 38	4.0 - 16.0	100
5.5 x 55	4.0 - 30.0	100
5.5 x 65	4.0 - 41.0	100
5.5 x 76	4.0 - 52.0	100
5.5 x 100	42.0 - 76.0	100

Order Example: HS-5.5 x 38

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

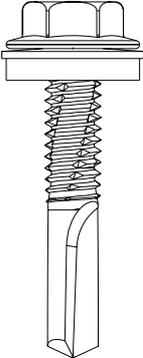
Tools & Tooling Accessories

EJOT SAPHIR® Self-Drilling Heavy Section Fasteners

Carbon steel with zinc corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

JT2-12

 **10mm AF**

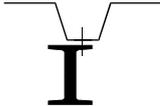


Application

Profiled roofing or cladding steel sheets

Steel sections from 4.0 to 12.0 mm in thickness

N.B. Where higher shear load is required



Ø x L mm	Washer Options		Min Qty
	A15 Min ECT Max	A19 Min ECT Max	
6.3 x 35	4.0 - 14.0	4.0 - 14.0	100
6.3 x 50	4.0 - 28.0	4.0 - 28.0	100

Order Example: JT2-12-6.3 x 35 A15

EJOT SAPHIR® Self-Drilling Light Section High Thread Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

LSHT

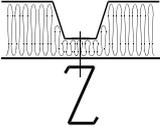
 **8mm AF**



Application

Steel faced insulated sandwich panels

- Steel sections from 1.5 to 3.0 mm in thickness



Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A29 Min ECT Max	
5.5/6.3 x 76	40.0 - 59.0	40.0 - 59.0	40.0 - 58.0	100
5.5/6.3 x 98	55.0 - 79.0	55.0 - 79.0	55.0 - 78.0	100
5.5/6.3 x 115	70.0 - 99.0	70.0 - 99.0	70.0 - 98.0	100
5.5/6.3 x 135	90.0 - 118.0	90.0 - 118.0	90.0 - 117.0	100
5.5/6.3 x 150	105.0 - 134.0	105.0 - 134.0	105.0 - 133.0	100

Order Example: LSHT 5.5/6.3 x 65 A15

EJOT SAPHIR® Self-Drilling Medium Section High Thread Fasteners

Carbon steel with zinc corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

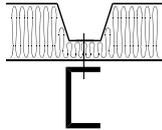
JT2-D-6H

 8mm AF



Application

Steel faced insulated sandwich panels
Steel sections from 1.5 to 6.0 mm in thickness



Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A29 Min ECT Max	
5.5/6.3 x 62	38.0 - 50.0	38.0 - 50.0	38.0 - 49.0	100
5.5/6.3 x 82	54.0 - 70.0	54.0 - 70.0	54.0 - 69.0	100
5.5/6.3 x 102	68.0 - 90.0	68.0 - 90.0	68.0 - 89.0	100
5.5/6.3 x 122	88.0 - 110.0	88.0 - 110.0	88.0 - 109.0	100
5.5/6.3 x 152	108.0 - 140.0	108.0 - 140.0	108.0 - 139.0	100
5.5/6.3 x 172	138.0 - 160.0	138.0 - 160.0	138.0 - 159.0	100
5.5/6.3 x 192	158.0 - 180.0	158.0 - 180.0	158.0 - 179.0	100

Order Example: JT2 -D-6H-5.5/6.3 x 62 A15

EJOT SAPHIR® Self-Drilling Heavy Section High Thread Fasteners

Carbon steel with zinc corrosion resistant finish.
Assembled with galvanised steel or aluminium / EPDM vulcanised sealing washers.

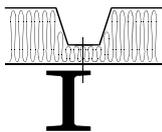
HSHT

 8mm AF



Application

Steel faced insulated sandwich panels
Steel sections from 4.0 to 12.0 mm in thickness



Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A29 Min ECT Max	
5.5/6.3 x 90	43.0 - 65.0	43.0 - 65.0	43.0 - 64.0	100
5.5/6.3 x 100	53.0 - 75.0	53.0 - 75.0	53.0 - 74.0	100
5.5/6.3 x 125	78.0 - 100.0	78.0 - 100.0	78.0 - 99.0	100
5.5/6.3 x 140	93.0 - 115.0	93.0 - 115.0	93.0 - 114.0	100
5.5/6.3 x 155	102.0 - 137.0	102.0 - 137.0	102.0 - 136.0	100
5.5/6.3 x 195	132.0 - 177.0	132.0 - 177.0	132.0 - 176.0	100

Order Example: HSHT 5.5/6.3 x 90 A15

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

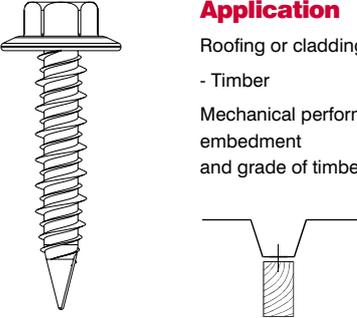
Tools & Tooling
Accessories

EJOT SAPHIR® Self-Drilling Timber Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

TS

8mm AF



Application
Roofing or cladding steel sheets
- Timber
Mechanical performance is dependant on embedment and grade of timber

Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A29 Min ECT Max	
6.3 x 32				100
6.3 x 45				100
6.3 x 60				100

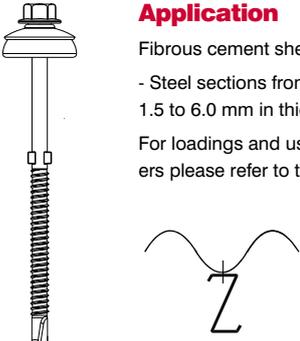
Order Example: TS 6.3 x 25 A15

EJOT SAPHIR® Self-Drilling Fibre Cement Light Section Fasteners

Carbon steel with organic corrosion resistant finish. Assembled with stainless steel / EPDM composite 'BAZ' washers.

JT2-FZ-6

8mm AF



Application
Fibrous cement sheets
- Steel sections from 1.5 to 6.0 mm in thickness
For loadings and usage of these fasteners please refer to the sheet manufacturer

Ø x L mm	Washer Options	Min Qty
	BAZ Min ECT Max	
6.3 x 130	50.0 - 82.0	100
6.3 x 130	70.0 - 102.0	100

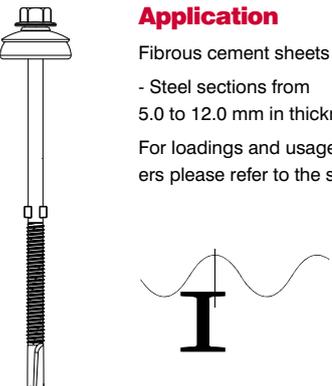
Order Example: JT2-FZ-6-6.3 x 110 BAZ

EJOT SAPHIR® Self-Drilling Fibre Cement Heavy Section Fasteners

Carbon steel with organic corrosion resistant finish. Assembled with stainless steel / EPDM composite 'BAZ' washers.

JT2-FZ-6

8mm AF



Application
Fibrous cement sheets
- Steel sections from 5.0 to 12.0 mm in thickness
For loadings and usage of these fasteners please refer to the sheet manufacturer

Ø x L mm	Washer Options	Min Qty
	BAZ Min ECT Max	
6.3 x 115	60.0 - 85.0	100

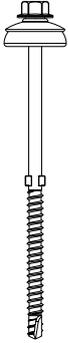
Order Example: JT2-FZ-12-6.3 x 115 BAZ

EJOT SAPHIR® Self-Drilling Fibre Cement Timber Fasteners JT2

Carbon steel with organic corrosion resistant finish.
Assembled with stainless steel / EPDM composite 'BAZ' washers.

JT2-FZ-F

 8mm AF



Application

Fibrous cement sheets
- Timber
For loadings and usage of these fasteners please refer to the sheet manufacturer

Ø x L mm	Washer Options		Min Qty
	BAZ Min EMB Max		
6.3 x 130	40.0 - 60.0		100

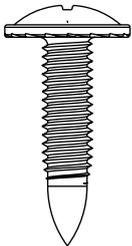
Order Example: JT2-FZ-B-6.3 x 130 BAZ

EJOT Flow-Drill Fasteners

Carbon steel with organic corrosion resistant finish.
Underhead serrations designed to increase stripping torque in thin steel. Unwashed.

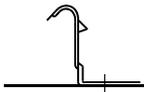
FDS

 PZ2



Application

Clips
- Steel sheet from 0.4 to 0.9 mm in thickness
For a full brochure on EJOT FDS system please contact sales



Ø x L mm	Min ECT Max		Min Qty
	Drive Type Min ECT Max		
M4 x 18	0.4 - 9.0		100

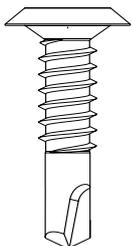
Order Example: FDS M4 x 18

EJOT Self-Drilling Light Section Clip-Fix Fasteners

Carbon steel with organic corrosion resistant finish. Low profile head to prevent interference. Unwashed.

LSCF

 P3



Application

Clips
- Steel sheet from 1.2 to 3.0 mm in thickness



Ø x L mm	Min ECT Max		Min Qty
	Drive Type Min ECT Max		
5.5 x 25	2.7 - 12.0		100

Order Example: LSCF 5.5 x 25

EJOT Self-Drilling Heavy Section Clip-Fix Fasteners

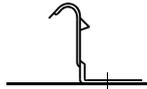
Carbon steel with organic corrosion resistant finish. Low profile head to prevent interference. Unwashed.

HSCF



Application

Clips
- Steel sheet from 4.0 to 12.0 mm in thickness



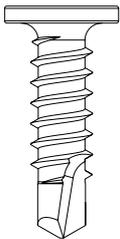
Ø x L mm			Min Qty
	Min ECT Max	Drive Type	
5.5 X 38	5.5 - 15.0	P3	100

Order Example: HSCF 5.5 x 38

EJOT SAPHIR® Self-Drilling Light Section Low Profile Head Fasteners

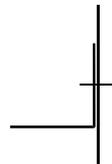
Carbon steel with organic corrosion resistant finish. Low profile head to prevent interference. Unwashed.

JT2-NH3



Application

Steel
- Steel, where the combined thickness is not greater than 3.0 mm
N.B. Where the minimum head height dimension is required



Ø x L mm			Min Qty
	Min ECT Max	Drive Type	
5.5 x 19	1.2 - 4.0	P2	100

Order Example: JT2-NH3-5.5 x 19

EJOT SAPHIR® Self-Drilling Timber Batten-Fix Fasteners

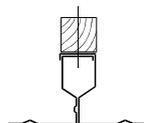
Carbon steel with organic corrosion resistant finish. Underhead ribs designed to aid embedment into timber.

TBF



Application

Timber battens
- Steel liner tray from 2 x 0.7 to 3.0 mm in thickness



Ø x L mm			Min Qty
	Min ECT Max	Drive Type	
4.8 x 30	5.0 - 14.0	P2	100
4.8 x 45	5.0 - 29.0	P2	100
4.8 x 66	5.0 - 50.0	P2	100

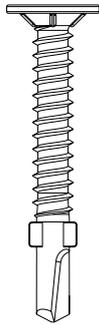
Order Example: TBF 4.8 x 45

EJOT SAPHIR® Self-Drilling Light Section Wing Drill Fasteners

Carbon steel with organic corrosion resistant finish. Underhead ribs designed to aid embedment into timber.

WDLS

 **P2 & P3**



Application

Timber
- Steel sections from
1.5 to 3.0 mm in thickness



Ø x L mm			Min Qty
	Min ECT Max	Drive Type	
4.2 x 25	6.0 - 12.0	P2	100
4.8 x 38	6.5 - 22.0	P2	100
5.5 x 50	6.5 - 34.0	P3	100
5.5 x 65	6.5 - 47.0	P3	100
5.5 x 85	23.0 - 67.0	P3	100
5.5 x 100	38.0 - 82.0	P3	100
5.5 x 127	65.0 - 109.0	P3	100

Order Example: WDLS 4.2 x 25

EJOT SAPHIR® Self-Drilling Heavy Section Wing Drill Fasteners

Carbon steel with organic corrosion resistant finish. Underhead ribs designed to aid embedment into timber.

WDHS

 **P3**



Application

Timber
- Steel sections from
4.0 to 10.0 mm in thickness



Ø x L mm			Min Qty
	Min ECT Max	Drive Type	
5.5 x 65	8.0 - 35.0	P3	100
5.5 x 85	30.0 - 55.0	P3	100
5.5 x 119	60.0 - 89.0	P3	100

Order Example: WDHS 5.5 x 65

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

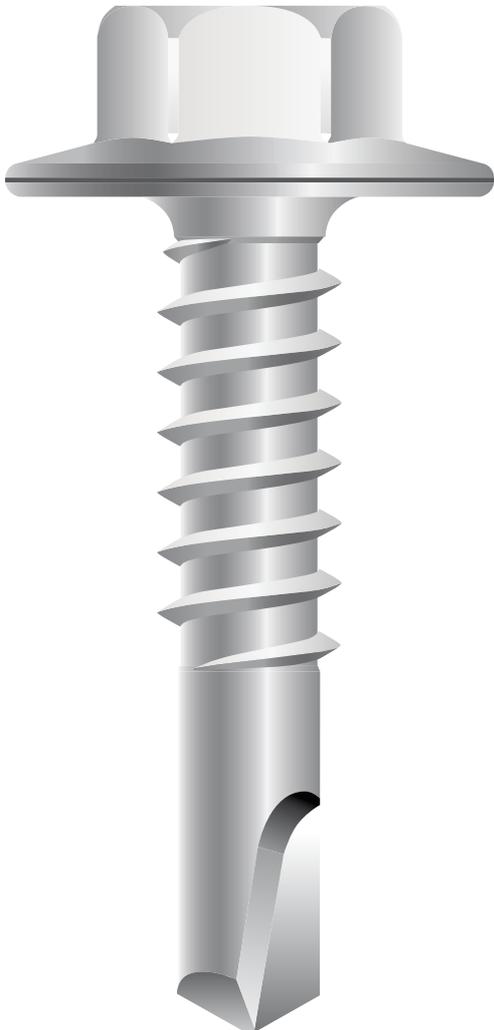
External
Wall Anchors

Accessories

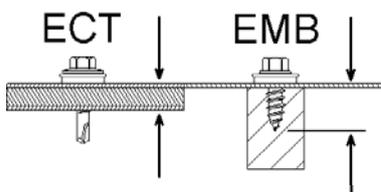
Tools & Tooling
Accessories

EJOT Super-SAPHIR®

Self-Drilling Fasteners JT3



- Product Group** EJOT Super-SAPHIR® fasteners are manufactured from 304 (A2) grade austenitic stainless steel with a hardened carbon steel drill point welded to the stainless steel shank.
- Design** The hardened drill point enables the screw to drill carbon steel sections and by having the lead threads formed on this hardened point this allows for correct tapping at high drilling speed.
- Assembly** Where specified they are assembled with a stainless steel / EPDM vulcanised sealing washer ensuring a safe seal every time.
- Finish** These fasteners are zinc coated for aesthetic reasons and waxed to lubricate the surface during installation.
- Colour Matching** For colour matching our fasteners can be capped with EJOT push-on caps, powder coated or provided with a Colorfast integral nylon head (see Colorfast section).



Effective Clamping Thickness

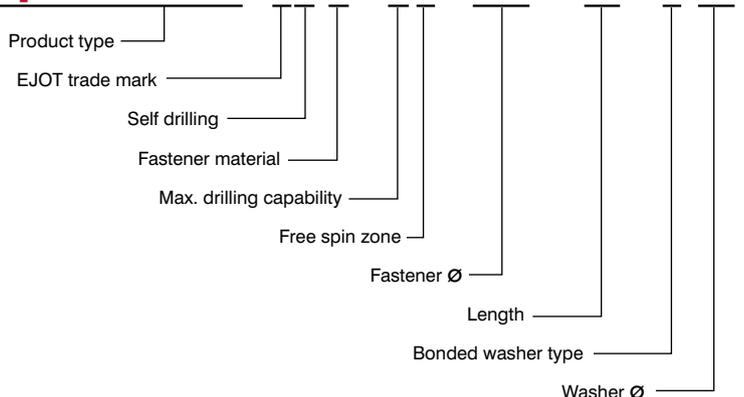
(ECT) is the total thickness of the build up to be fixed.

Embedment

(EMB) figures relate to depth into substrate (not including clamp pieces).

EJOT product codes explained:

Super SAPHIR® JT 3 - 2 - 6.5 x 25 - S16

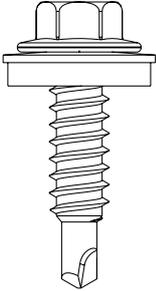


EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel secondary fasteners with a carbon steel drill point.
Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

JT3-2

8mm AF



Application

Laps of roofing or cladding sheets and flashings



Ø x L mm	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A14 Min ECT Max	
4.8 x 19	N/A	N/A	1.2 - 4.0	100
6.3 x 25	1.2 - 16.0	1.2 - 16.0	N/A	100
RLS x 25	N/A	8.0 - 16.0	N/A	100
RLS x 38	N/A	21.0 - 29.0	N/A	100

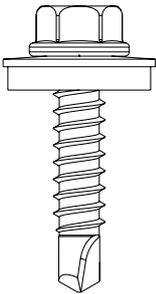
Order Example: JT3-2-6.3 x 25 S16

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel light section fasteners with a carbon steel drill point.
Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

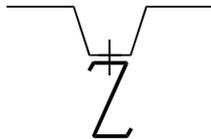
JT3-3H

8mm AF



Application

Roofing or cladding steel or aluminium sheets
- Steel sections from 1.2 to 3.0 mm in thickness

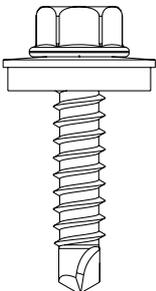


Ø x L mm	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT Max	
5.5 x 25	1.2 - 8.0	1.2 - 8.0	100

Order Example: JT3-3H-5.5 x 25 S16

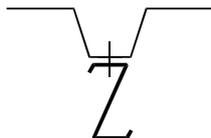
JT3-3

8mm AF



Application

Roofing or cladding steel or aluminium sheets
Steel sections from 1.2 to 3.0 mm



Ø x L mm	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
5.5 x 35	1.2 - 16.0	1.2 - 16.0	1.2 - 16.0	100
5.5 x 50	1.2 - 31.0	1.2 - 31.0	1.2 - 30.0	100
5.5 x 70	21.0 - 51.0	21.0 - 51.0	21.0 - 50.0	100

Order Example: JT3-3-5.5 x 35 S16

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for standing seam applications. Unwashed.

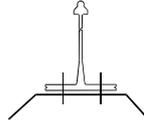
JT3-X-2

 **8mm AF**



Application

Standing seam halter brackets
- Steel sections from 0.7 to 1.6 mm in



Ø x L mm	Unwashed		Min Qty
	Min	ECT Max	
6.0 x 25	0.7	9.0	100
6.0 x 36	0.7	20.0	100
6.0 x 46	0.7	30.0	100

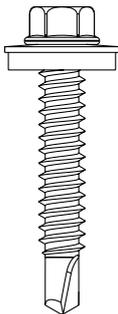
Order Example: JT3-X-2-6.0 x 36

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for standing seam applications. Assembled with stainless steel / EPDM vulcanised sealing washers.

JT3-3

 **8mm AF**



Application

Standing seam halter brackets
- Steel sections from 1.5 to 3.0 mm in thickness

Ø x L mm	Washer Options		Min Qty
	S16		
	Min	ECT Max	
6.3 x 38	1.2	20.0	100
6.3 x 50	1.2	32.0	100

Order Example: JT3-3-6.3 x 38 S16

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for standing seam applications.

JT3-ST-2

 **T25**



Application

Standing seam halter brackets
- Steel sections from 0.7 to 1.6 mm in thickness

Ø x L mm	Unwashed		Min Qty
	Min	ECT Max	
6.0 x 60	-	-	100
6.0 x 80	-	-	100
6.0 x 100	-	-	100
6.0 x 120	-	-	100
6.0 x 140	-	-	100
6.0 x 160	-	-	100
6.0 x 180	-	-	100
6.0 x 200	-	-	100

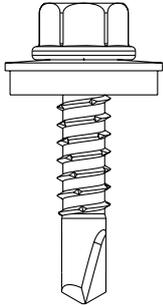
Order Example: JT3-ST-2-6.0 x 80

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for medium steel sections.
Assembled with stainless steel / EPDM vulcanised sealing washers.

JT3-6

 8mm AF

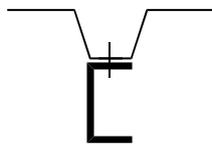


Application

Roofing or cladding steel or aluminium sheets

- Steel sections from 1.5 to 6.0 mm in thickness

* See bottom of table for 6.3 x 25, should be used where higher shear load is required



Ø x L mm	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
5.5 x 25	2.0 - 7.0	2.0 - 7.0	2.0 - 6.0	100
5.5 x 30	2.0 - 12.0	2.0 - 12.0	2.0 - 11.0	100
5.5 x 50	2.0 - 32.0	2.0 - 32.0	2.0 - 31.0	100
5.5 x 70	22.0 - 52.0	22.0 - 52.0	22.0 - 51.0	100
5.5 x 90	42.0 - 72.0	42.0 - 72.0	42.0 - 71.0	100
5.5 x 110	62.0 - 92.0	62.0 - 92.0	62.0 - 91.0	100
5.5 x 130	82.0 - 102.0	82.0 - 102.0	82.0 - 101.0	100
5.5 x 150	102.0 - 122.0	102.0 - 122.0	102.0 - 121.0	100
5.5 x 170	122.0 - 142.0	122.0 - 142.0	122.0 - 141.0	100
5.5 x 190	142.0 - 162.0	142.0 - 162.0	142.0 - 161.0	100
*6.3 x 25	2.0 - 6.0	2.0 - 6.0	2.0 - 5.0	100

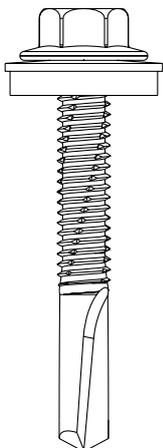
Order Example: JT3-6-5.5 x 25 S16

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for hot rolled steel sections.
Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

JT3-12

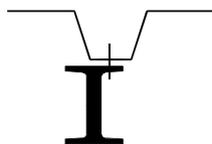
 8mm AF



Application

Roofing or cladding steel or aluminium sheets

- Steel sections from 4.0 to 12.0 mm in thickness



Ø x L mm	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
5.5 x 40	4.0 - 12.0	4.0 - 12.0	4.0 - 11.0	100
5.5 x 67	4.0 - 39.0	4.0 - 39.0	4.0 - 38.0	100

Order Example: JT3-12-5.5 x 40 S16

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

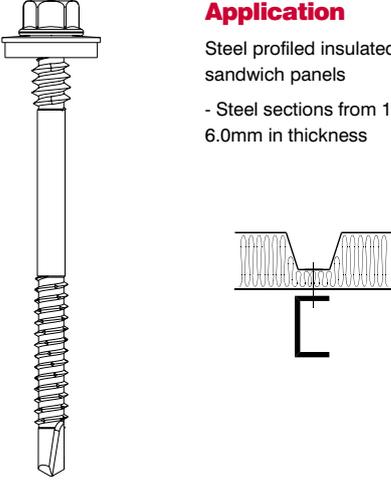
Tools & Tooling
Accessories

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing composite panels to light/medium thickness steel sections. Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

JT3-D-6H

 **8mm AF**



Application
 Steel profiled insulated sandwich panels
 - Steel sections from 1.5 to 6.0mm in thickness

Ø x L mm	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
5.5/6.3 x 67	35.0 - 48.0	35.0 - 48.0	35.0 - 47.0	100
5.5/6.3 x 87	42.0 - 68.0	42.0 - 68.0	42.0 - 67.0	100
5.5/6.3 x 107	52.0 - 88.0	52.0 - 88.0	52.0 - 87.0	100
5.5/6.3 x 127	72.0 - 108.0	72.0 - 108.0	72.0 - 107.0	100
5.5/6.3 x 147	92.0 - 128.0	92.0 - 128.0	92.0 - 127.0	100
5.5/6.3 x 167	112.0 - 148.0	112.0 - 148.0	112.0 - 147.0	100
5.5/6.3 x 197	142.0 - 178.0	142.0 - 178.0	142.0 - 177.0	100
5.5/6.3 x 237	172.0 - 218.0	172.0 - 218.0	172.0 - 217.0	100

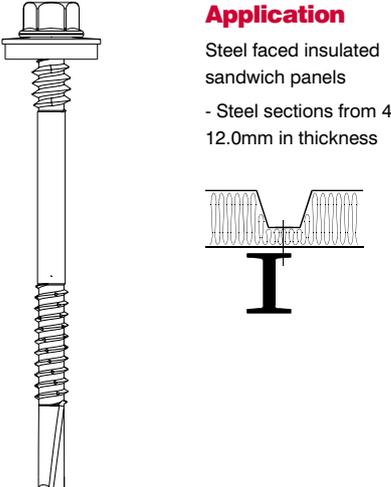
Order Example: JT3-D-6H-5.5/6.3 x 67 S16

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing composite panels to hot rolled steel sections. Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

JT3-D-12H

 **8mm AF**



Application
 Steel faced insulated sandwich panels
 - Steel sections from 4.0 to 12.0mm in thickness

Ø x L mm	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
5.5/6.3 x 95	58.0 - 70.0	58.0 - 70.0	58.0 - 69.0	100
5.5/6.3 x 115	68.0 - 90.0	68.0 - 90.0	68.0 - 89.0	100
5.5/6.3 x 135	82.0 - 110.0	82.0 - 110.0	82.0 - 109.0	100
5.5/6.3 x 155	102.0 - 130.0	102.0 - 130.0	102.0 - 130.0	100
5.5/6.3 x 175	120.0 - 150.0	120.0 - 150.0	120.0 - 149.0	100
5.5/6.3 x 195	140.0 - 170.0	140.0 - 170.0	140.0 - 169.0	100
5.5/6.3 x 245	180.0 - 220.0	180.0 - 220.0	180.0 - 219.0	100

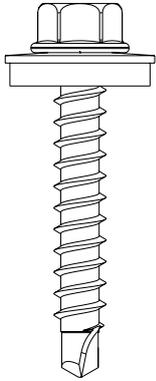
Order Example: JT3-D-12-H-5.5/6.3 x 95 S16

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for timber sections.
Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

JT3-2

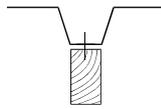
8mm AF



Application

Roofing or cladding steel or aluminium sheets
- Timber

Mechanical performance is dependant on embedment and grade of timber

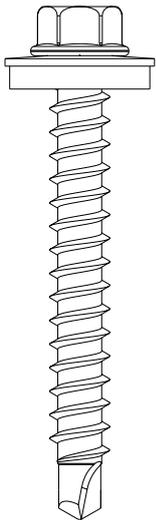


Ø x L mm	Washer Options		Min Qty
	S16 Min EMB Max	S19 Min EMB Max	
5.6 x 35	-	-	100

Order Example: JT3-2-5.6 x 35 S16

JT3-2

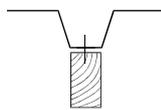
8mm AF



Application

Roofing or cladding steel or aluminium sheets
- Timber

Mechanical performance is dependant on embedment and grade of timber



Ø x L mm	Washer Options		Min Qty
	S16 Min EMB Max	S19 Min EMB Max	
6.5 x 50	-	-	100
6.5 x 65	-	-	100
6.5 x 80	-	-	100

Order Example: JT3-2-6.5 x 50 S16

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point. Low profile head to prevent interference. Unwashed.

JT3-LT3

T25



Application

Clips
- Steel section from 1.2 to 3.0 mm in thickness



Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max		
5.5 x 25	2.0 - 10.0		100

Order Example: JT3-LT3-5.5 x 25

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

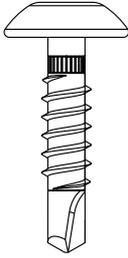
Tools & Tooling Accessories

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel secondary fasteners with a carbon steel drill point. Low profile head.
Assembled with a stainless steel or aluminium / EPDM vulcanised sealing washer.

JT3-FR-2H

 **T25**



Application
Laps of roofing or cladding sheets and flashings
- Laps of roofing or cladding sheets



Ø x L mm				Min Qty
	S12 Min ECT Max	A14 Min ECT Max	S16 Min ECT Max	
4.8 x 19	2.0 - 4.0	1.2 - 4.0	-	100
6.3 x 25	2.0 - 9.0	-	-	100

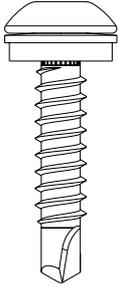
Order Example: JT3-FR-2H-4.8 x 19 S12

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

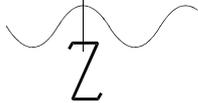
Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing to light section steel. Low profile head.
Assembled with a stainless steel or aluminium / EPDM vulcanised sealing washer.

JT3-FR-3H

 **T25**



Application
Roofing or cladding steel or aluminium sheets
- Steel sections from 1.5 to 3.0 mm in thickness

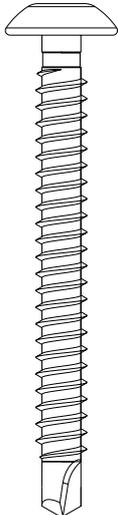


Ø x L mm			Min Qty
	S12 Min ECT Max	S16 Min ECT Max	
5.5 x 25	2.0 - 7.0	2.0 - 7.0	100

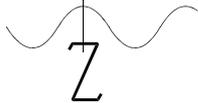
Order Example: JT3-FR-3H-5.5 x 25 S12

JT3-FR-3

 **T25**



Application
Roofing or cladding steel or aluminium sheets
- Steel sections from 1.5 to 3.0 mm in thickness



Ø x L mm			Min Qty
	S12 Min ECT Max	S16 Min ECT Max	
5.5 x 50	0.7 - 30.0	0.7 - 30.0	100

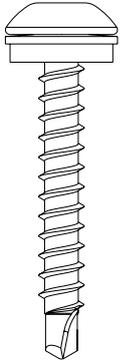
Order Example: JT3-FR-3-5.5 x 50 S12

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing to timber sections. Low profile head. Assembled with a stainless steel or aluminium / EPDM vulcanised sealing washer.

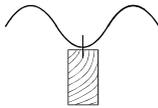
JT3-FR-2

T25



Application

Roofing or cladding steel or aluminium sheets
- Timber
Mechanical performance is dependant on embedment and grade of timber



Ø x L mm	Washer Options		Min Qty
	S12 Min ECT Max	A14 Min ECT Max	
4.9 x 35	-	-	100

Order Example: JT3-FR-2-4.9 x 35 S12

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing to medium section steel. Low profile head. Assembled with a stainless steel or aluminium / EPDM vulcanised sealing washer.

JT3-FR-6

T25



Application

Roofing or cladding steel or aluminium sheets
- Steel sections from 1.5 to 6.0 mm in thickness



Ø x L mm	Washer Options		Min Qty
	S12 Min ECT Max	S16 Min ECT Max	
5.5 x 25	2.0 - 6.0	2.0 - 6.0	100
5.5 x 35	2.0 - 16.0	2.0 - 16.0	100

Order Example: JT3-FR-6-5.5 x 25 S12

EJOT Super-SAPHIR® Stainless Steel Bi-Met Self-Drilling Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing to heavy section steel. Low profile head. Assembled with a stainless steel or aluminium / EPDM vulcanised sealing washer.

JT3-FR-12

T25



Application

Roofing or cladding steel or aluminium sheets
- Steel sections from 4.0 to 12.0mm in thickness

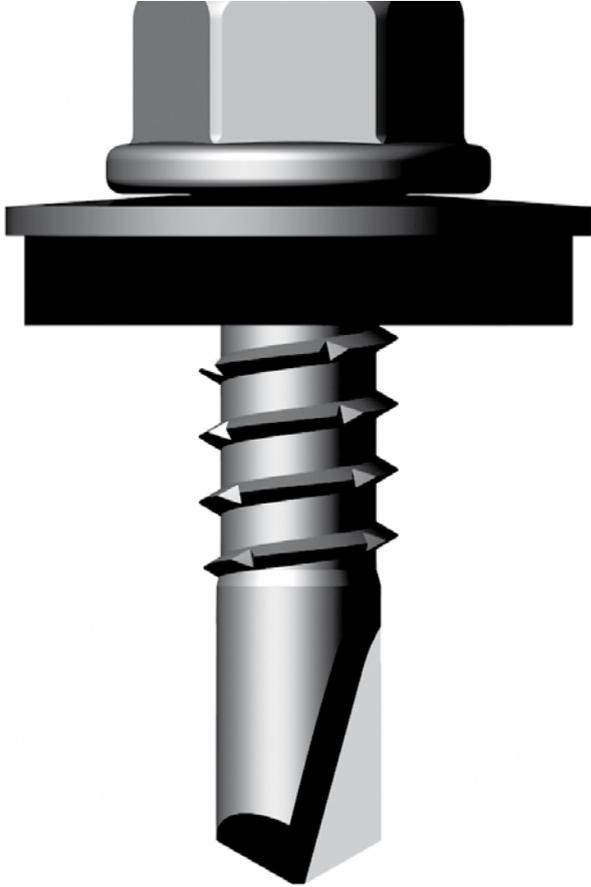


Ø x L mm	Washer Options		Min Qty
	S12 Min ECT Max	S16 Min ECT Max	
5.5 x 40	4.0 - 12.0	4.0 - 12.0	100

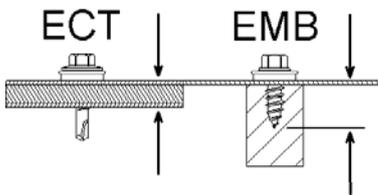
Order Example: JT3-FR-12-5.5 x 40 S12

EJOT Stainless Steel SAPHIR®

Self-Drilling Fasteners JT4



- **Product Group** A range of fasteners manufactured entirely from austenitic stainless steel material grade 304 (A2) suitable for use when drilling and tapping into aluminium sections.
- **Design** The drill points and thread forms are designed to provide maximum mechanical performance with ease of installation into aluminium or timber substrates.
- **Assembly** Where specified they are assembled with a high quality metal and EPDM vulcanised sealing washer ensuring a safe seal every time.
- **Finish** For aesthetic reasons and to provide lubrication during driving a zinc finish plus wax is applied to these fasteners.
- **Colour Matching** For colour matching these fasteners can be supplied with a powder coated finish to the heads or push on caps can be used on hexagon headed parts.



Effective Clamping Thickness

(ECT) is the total thickness of the build up to be fixed.

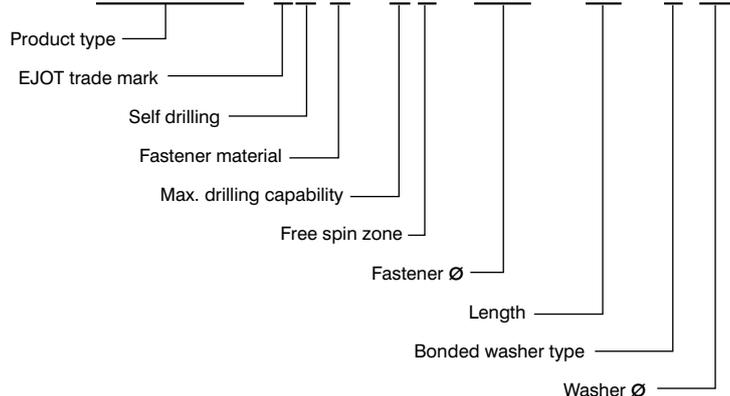
Embedment

(EMB) figures relate to depth into substrate (not including clamp pieces).

EJOT product codes explained:

Stainless steel

SAPHIR® JT 4 - 2H - 4.8 x 16 - S 16



EJOT Stainless Steel SAPHIR® Self-Drilling Fasteners

Austenitic stainless steel fasteners for aluminium. Unwashed.

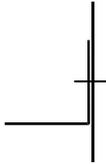
JT4-ZT-3

 **T20**



Application

Profiled aluminium
- Aluminium sections from 1.5 to 3.0 mm in thickness



Ø x L mm	Unwashed		Min Qty
	Min ECT	Max	
4.2 x 16	1.5	8.0	100

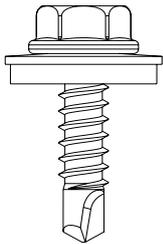
Order Example: JT4-ZT-3-4.2 x 16

EJOT Stainless Steel SAPHIR® Self-Drilling Fasteners

Reduced point austenitic stainless steel fasteners for aluminium. Assembled with a sealing washer.

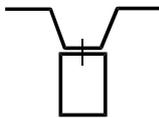
JT4-2

 **8mm AF**



Application

Profiled aluminium
- Aluminium sections from 0.9 to 2.0 mm in thickness

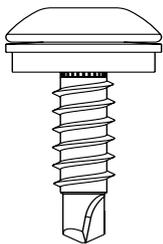


Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	A14 Min ECT Max	
4.8 x 19	0.9 - 9.0	0.9 - 6.0	100

Order Example: JT4-2-4.8 x 19 A14

JT4-FR-2H

 **T25**



Application

Profiled aluminium
- Aluminium from 0.9 to 2.0 mm in thickness



Ø x L mm	Washer Options		Min Qty
	S12 Min ECT Max		
4.8 x 19	1.5 - 6.0		100

Order Example: JT4-FR-2H-4.8 x 19 S12

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

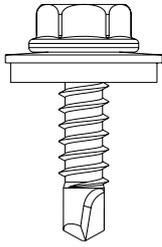
Tools & Tooling
Accessories

EJOT Stainless Steel SAPHIR® Self-Drilling Fasteners

Austenitic stainless steel fasteners for aluminium. Assembled with a sealing washer.

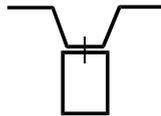
JT4-4

 **8mm AF**



Application

Profiled aluminium
- Aluminium sections from 1.5 to 4.0 mm in thickness

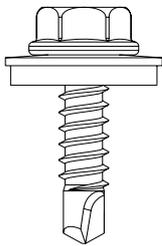


Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	A14 Min ECT Max	
4.8 x 19	1.5 - 9.0	1.5 - 6.0	100

Order Example: JT4-4-4.8 x 19 A14

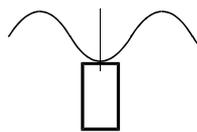
JT4-FR-4

 **T25**



Application

Profiled aluminium
- Aluminium sections from 1.5 to 4.0 mm in thickness



Ø x L mm	Washer Options		Min Qty
	S12 Min ECT Max	S16 Min ECT Max	
4.8 x 19	1.5 - 6.0	-	100
5.5 x 19	1.5 - 5.0	1.5 - 5.0	100

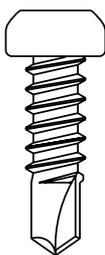
Order Example: JT4-FR-2H-4.8 x 19 S12

EJOT Stainless Steel SAPHIR® Self-Drilling Fasteners

Austenitic stainless steel fasteners for aluminium. Assembled with a sealing washer or unwashed.

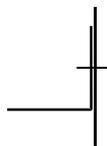
JT4-ZT-4

 **T25**



Application

Profiled aluminium
- Aluminium sections from 1.5 to 4.0 mm in thickness



Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	S12 Min ECT Max	
4.8 x 19	1.5 x 9.0	1.5 - 6.0	100
4.8 x 25	1.5 - 15.0	1.5 - 12.0	100

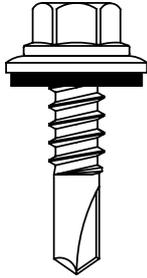
Order Example: JT4-ZT-4-4.8 x 19

EJOT Stainless Steel SAPHIR® Self-Drilling Fasteners

Austenitic stainless steel fasteners for aluminium. Assembled with a sealing washer.

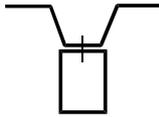
JT4-6

 8mm AF



Application

Profiled aluminium
- Aluminium sections from 2.0 to 6.0 mm in thickness

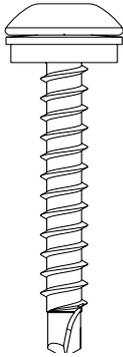


Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	A14 Min ECT Max	
5.5 x 19	2.0 - 8.0	2.0 - 5.0	100
5.5 x 22	2.0 - 11.0	2.0 - 8.0	100
5.5 x 30	2.0 - 19.0	2.0 - 16.0	100

Order Example: JT4-6-5.5 x 19 A14

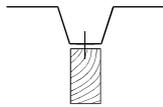
JT4-FR-2

 T25



Application

Profiled aluminium
- Timber
Mechanical performance is dependant on embedment and grade of timber



Ø x L mm	Washer Options		Min Qty
	S12 Min EMB Max		
4.9 x 35	-		100

Order Example: JT4-FR-2-4.9 x 35 S12

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

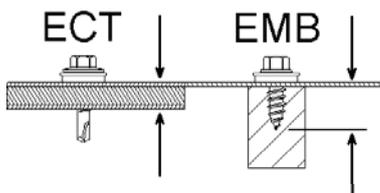
Tools & Tooling
Accessories

EJOT COLORFAST®

Self-Drilling Fasteners



- **Product Group** A range of fasteners incorporating the unique EJOT Coloured Nylon Head designed specifically for use in fixing profiled metal roofing and cladding sheets. The head provides per-manent corrosion resistance and colour matching.
- **Design** The drill points and thread forms are designed to provide maximum mechanical performance with ease of installation.
- **Assembly** COLORFAST® parts are assembled with a high quality aluminium/EPDM sealing washer ensuring a safe seal every time.
- **Finish** The specified fasteners have a zinc or organic finish for maximum corrosion resistance in their given application and stainless steel versions are waxed to provide lubrication during installation.
- **Colour Matching** A wide range of British Standard and RAL colours are available, special colours can be made to order subject to minimum quantities.



Effective Clamping thickness

(ECT) is the total thickness of the build up to be fixed.

Embedment

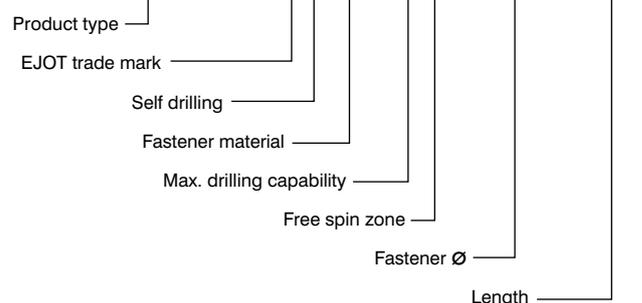
(EMB) figures relate to depth into substrate (not including clamp pieces).

EJOT product codes explained:

Colorfast®

CF15

JT 3 - 2H - 5.5 x 25

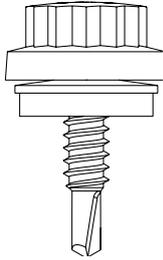


EJOT COLORFAST SAPHIR® Self-Drilling Secondary Fasteners

Reduced point carbon steel with organic corrosion resistant finish.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

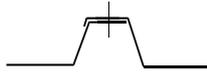
CF15 SF

 11mm Bi-Hex



Application

Laps of roofing or cladding sheets and flashings

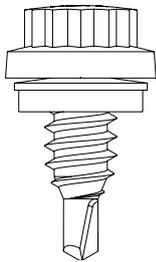


Ø x L mm	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
4.8 x 23	0.7 - 6.0	N/A	100
6.3 x 25	0.7 - 9.0	0.7 - 9.0	100

Order Example: CF15 SF 4.8 x 23

CF15 SFMS

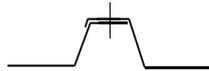
 11mm Bi-Hex



Application

Laps of roofing or cladding sheets and flashings

N.B. High stripping torque for thin steel

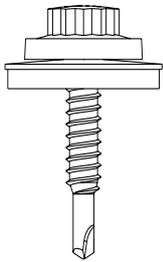


Ø x L mm	Head Options		Min Qty
	CF15 Min ECT Max		
8.0 x 25	0.7 - 6.0		100

Order Example: CF15 SFMS 8.0 x 25

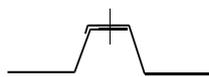
CF29 JT2-2H

 11mm Bi-Hex



Application

Rooflight Laps



Ø x L mm	Head Options		Min Qty
	CF19 Min ECT Max	CF29 Min ECT Max	
6.3 x 32	-	0.7 - 15.0	100
RLS - 25	8.0 - 15.0	8.0 - 14.0	100
RLS - 38	21.0 - 28.0	21.0 - 28.0	100

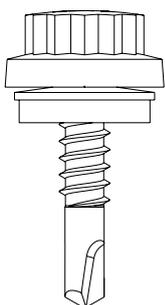
Order Example: CF29 JT2-2H-6.3 x 32

EJOT COLORFAST SAPHIR® Self-Drilling Light Section Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

CF15 LS

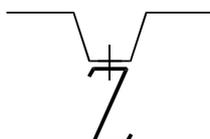
 11mm Bi-Hex



Application

Profiled roofing or cladding steel sheets

- Steel sections from 1.2 to 3.0 mm in thickness



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5 x 25	1.2 - 4.0	1.2 - 4.0	N/A	100
5.5 x 32	1.2 - 9.0	1.2 - 9.0	1.2 - 8.0	100
5.5 x 38	1.2 - 12.0	1.2 - 12.0	1.2 - 11.0	100
5.5 x 50	1.2 - 33.0	1.2 - 33.0	1.2 - 32.0	100

Order Example: CF15 LS 5.5 x 25

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

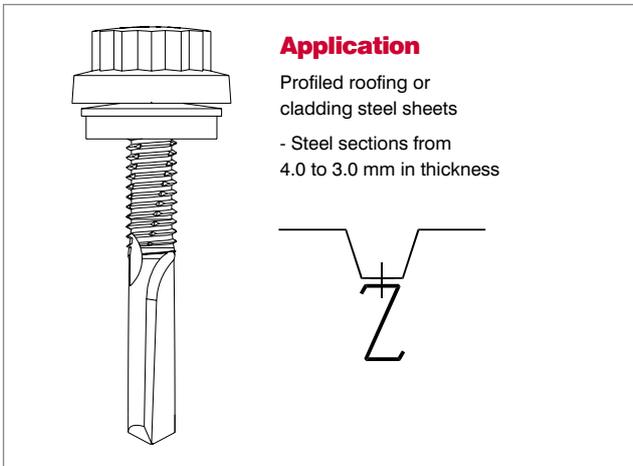
Tools & Tooling Accessories

EJOT COLORFAST SAPHIR® Self-Drilling Heavy Section Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

CF15 HS

11mm Bi-Hex



Application
 Profiled roofing or cladding steel sheets
 - Steel sections from 4.0 to 3.0 mm in thickness

Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5 x 38	4.0 - 12.0	4.0 - 12.0	N/A	100
5.5 x 55	4.0 - 26.0	4.0 - 26.0	4.0 - 25.0	100
5.5 x 65	4.0 - 37.0	4.0 - 37.0	4.0 - 36.0	100
5.5 x 76	4.0 - 48.0	4.0 - 48.0	4.0 - 47.0	100

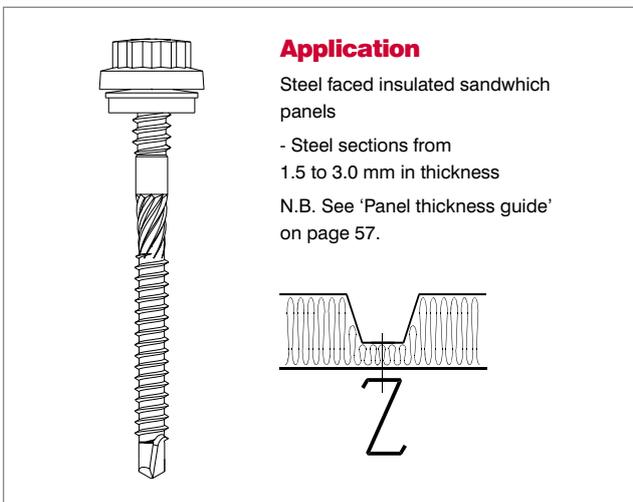
Order Example: CF15 HS 5.5 X 38

EJOT COLORFAST SAPHIR® Light Section High Thread Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

CF15 LSHT

11mm Bi-Hex



Application
 Steel faced insulated sandwich panels
 - Steel sections from 1.5 to 3.0 mm in thickness
 N.B. See 'Panel thickness guide' on page 57.

Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5/6.3 x 65	28.0 - 47.0	28.0 - 47.0	28.0 - 46.0	100
5.5/6.3 x 76	38.0 - 57.0	38.0 - 57.0	38.0 - 56.0	100
5.5/6.3 x 98	53.0 - 77.0	53.0 - 77.0	53.0 - 76.0	100
5.5/6.3 x 115	68.0 - 97.0	68.0 - 97.0	68.0 - 96.0	100
5.5/6.3 x 135	88.0 - 116.0	88.0 - 116.0	88.0 - 115.0	100
5.5/6.3 x 150	103.0 - 132.0	103.0 - 132.0	103.0 - 131.0	100

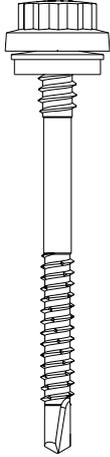
Order Example: CF15 LSHT 5.5/6.6 X 65

EJOT COLORFAST SAPHIR® Medium Section High Thread Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

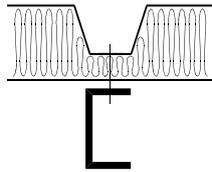
CF15 JT2-D-6H

 11mm Bi-Hex



Application

Steel faced insulated sandwich panels
- Steel sections from 1.5 to 6.0 mm in thickness
N.B. See 'Panel thickness guide' on page 57.



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5/6.3 x 62	36.0 - 48.0	36.0 - 48.0	36.0 - 47.0	100
5.5/6.3 x 82	52.0 - 68.0	52.0 - 68.0	52.0 - 67.0	100
5.5/6.3 x 102	66.0 - 88.0	66.0 - 88.0	66.0 - 87.0	100
5.5/6.3 x 122	86.0 - 108.0	86.0 - 108.0	86.0 - 107.0	100
5.5/6.3 x 152	106.0 - 138.0	106.0 - 138.0	106.0 - 137.0	100
5.5/6.3 x 172	136.0 - 158.0	136.0 - 158.0	136.0 - 157.0	100
5.5/6.3 x 192	156.0 - 178.0	156.0 - 178.0	156.0 - 177.0	100

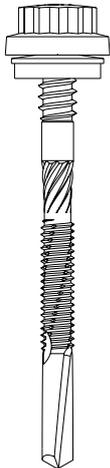
Order Example: CF15 JT2-D-6H 5.5/6.3 x 82

EJOT COLORFAST SAPHIR® Heavy Section High Thread Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

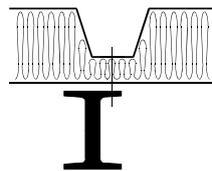
CF15 HSHT

 11mm Bi-Hex



Application

Steel faced insulated sandwich panels
- Steel sections from 4.0 to 12.0 mm in thickness
N.B. See 'Panel thickness guide' on page 57.



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5/6.3 x 90	41.0 - 63.0	41.0 - 63.0	41.0 - 62.0	100
5.5/6.3 x 100	51.0 - 73.0	51.0 - 73.0	51.0 - 72.0	100
5.5/6.3 x 125	76.0 - 98.0	76.0 - 98.0	76.0 - 97.0	100
5.5/6.3 x 140	91.0 - 113.0	91.0 - 113.0	91.0 - 112.0	100
5.5/6.3 x 155	100.0 - 135.0	100.0 - 135.0	100.0 - 134.0	100
5.5/6.3 x 195	130.0 - 175.0	130.0 - 175.0	130.0 - 174.0	100

Order Example: CF15 HSHT 5.5/6.3 X 76

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

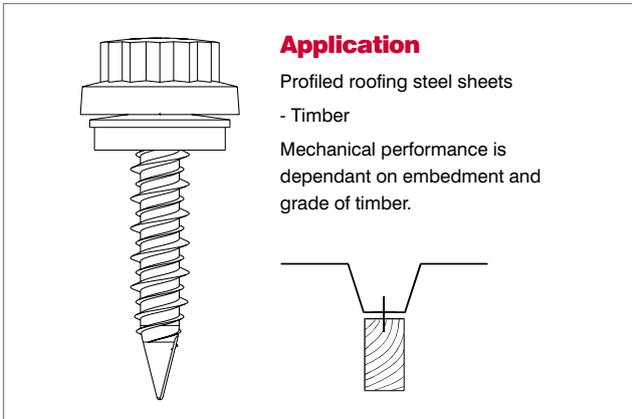
Tools & Tooling
Accessories

EJOT COLORFAST SAPHIR® Self-Drilling Timber Fasteners

Carbon steel with organic corrosion resistant finish.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

CF15 TS

11mm Bi-Hex



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
6.3 x 32	-	-	-	100
6.3 x 45	-	-	-	100
6.3 x 60	-	-	-	100

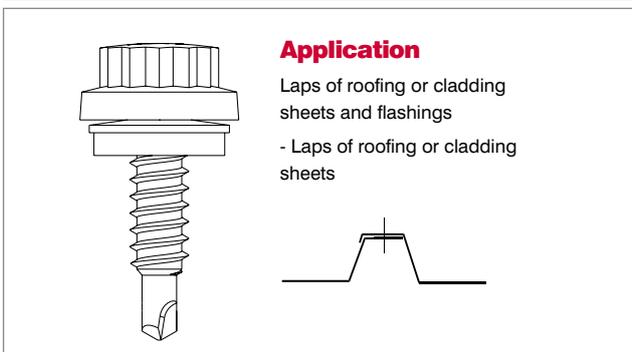
Order Example: CF15 TS 6.3 x 25

EJOT COLORFAST SAPHIR® Stainless Steel Bi-met Fasteners

Austenitic stainless steel secondary fasteners with a carbon steel drill point.
Assembled with integral nylon head and aluminium/EPDM vulcanised sealing washers.

CF15 JT3-2

11mm Bi-Hex



Ø x L mm	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
4.8 x 19	1.0- 2.0	-	100
6.3 x 25	1.0 - 4.0	1.0 - 6.0	100

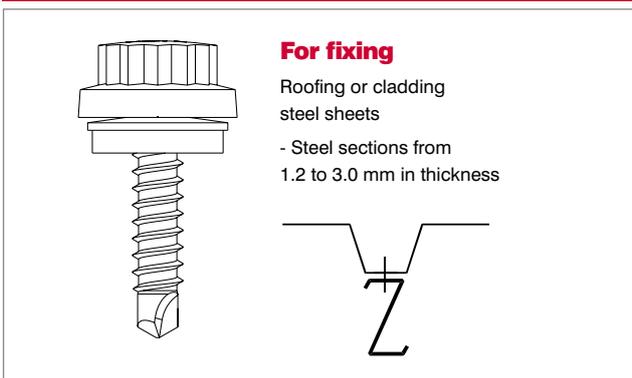
Order Example: CF15 JT3-2-6.3 x 25

EJOT Colorfast Super-SAPHIR® Stainless Steel Bi-Met Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing to light steel sections.
Assembled with aluminium/ EPDM vulcanised sealing washers.

CF15 JT3-3

11mm Bi-Hex



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5 x 25	1.2 - 6.0	1.2 - 6.0	N/A	100
5.5 x 35	1.2 - 16.0	1.2 - 16.0	1.2 - 15.0	100
5.5 x 50	1.2 - 31.0	1.2 - 31.0	1.2 - 30.0	100

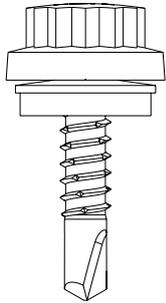
Order Example: CF15 JT3-3-5.5 x 25

EJOT Colorfast Super-SAPHIR® Stainless Steel Bi-Met Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing to medium steel sections.
Assembled with aluminium/ EPDM vulcanised sealing washers.

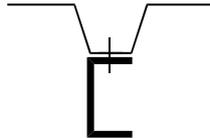
CF15 JT3-6

 11mm Bi-Hex



For fixing

Roofing or cladding steel sheets
- Steel sections from 2.0 to 6.0 mm in thickness



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5 x 25	2.0 - 5.0	2.0 - 5.0	N/A	100
5.5 x 30	2.0 - 10.0	2.0 - 10.0	2.0 - 9.0	100
5.5 x 50	2.0 - 30.0	2.0 - 30.0	2.0 - 29.0	100

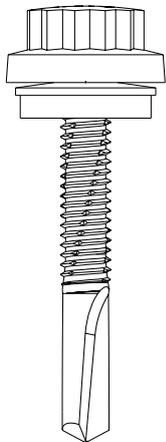
Order Example: CF15 JT3-6-5.5 x 25

EJOT Colorfast Super-SAPHIR® Stainless Steel Bi-Met Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for hot rolled steel sections.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

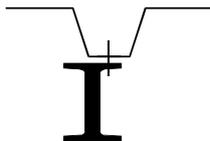
CF15 JT3-12

 11mm Bi-Hex



For fixing

Roofing or cladding steel sheets
- Steel sections from 4.0 to 12.0 mm in thickness



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5 x 40	4.0 - 10.0	4.0 - 10.0	N/A	100
5.5 x 67	4.0 - 37.0	4.0 - 37.0	4.0 - 36.0	100

Order Example: CF15 JT3-12-5.5 x 40

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

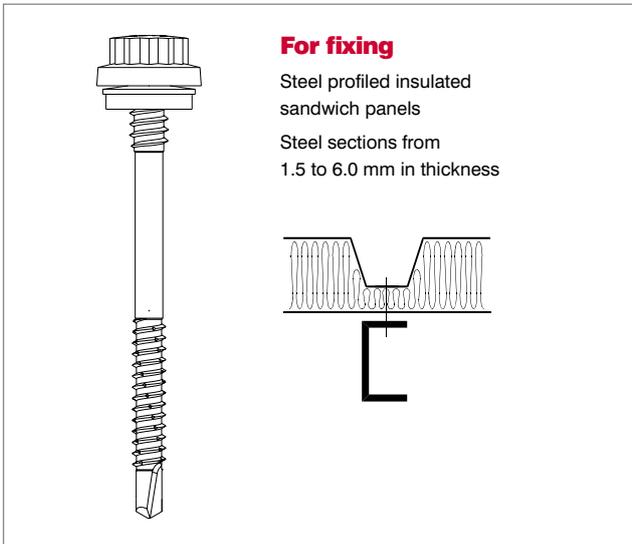
Tools & Tooling Accessories

EJOT Colorfast Super-SAPHIR® Stainless Steel Bi-Met Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing composite panels to cold rolled and medium steel sections. Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

CF15 JT3-D-6H

11mm Bi-Hex



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5/6.3 x 67	33.0 - 46.0	33.0 - 46.0	33.0 - 45.0	100
5.5/6.3 x 87	40.0 - 66.0	40.0 - 66.0	40.0 - 65.0	100
5.5/6.3 x 107	50.0 - 66.0	50.0 - 66.0	50.0 - 65.0	100
5.5/6.3 x 127	70.0 - 106.0	70.0 - 106.0	70.0 - 105.0	100
5.5/6.3 x 147	90.0 - 126.0	90.0 - 126.0	90.0 - 125.0	100
5.5/6.3 x 167	110.0 - 176.0	110.0 - 176.0	110.0 - 175.0	100
5.5/6.3 x 197	140.0 - 176.0	140.0 - 176.0	140.0 - 175.0	100
5.5/6.3 x 237	170.0 - 216.0	170.0 - 216.0	170.0 - 215.0	100

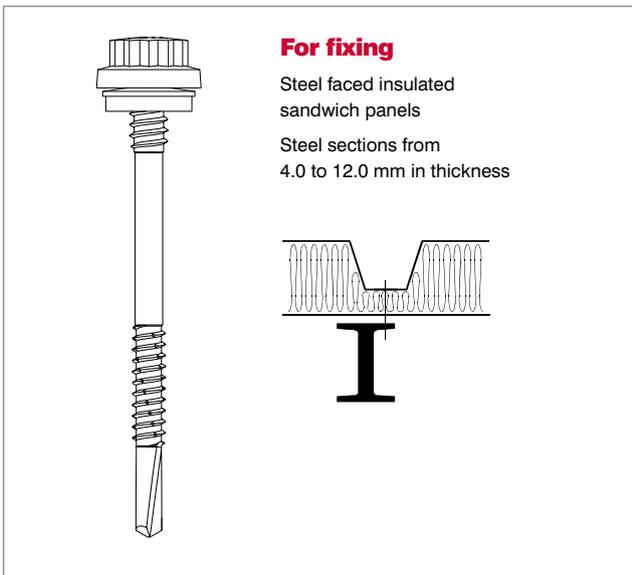
Order Example: CF15 JT3-D-6H-5.5/6.3 x 67

EJOT Colorfast Super-SAPHIR® Stainless Steel Bi-Met Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point for fixing composite panels to hot rolled and medium steel sections. Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

CF15 JT3-D-12H

11mm Bi-Hex



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5/6.3 x 75	44.0 - 48.0	44.0 - 48.0	44.0 - 47.0	100
5.5/6.3 x 95	56.0 - 68.0	56.0 - 68.0	56.0 - 67.0	100
5.5/6.3 x 115	66.0 - 88.0	66.0 - 88.0	66.0 - 87.0	100
5.5/6.3 x 135	80.0 - 108.0	80.0 - 108.0	80.0 - 107.0	100
5.5/6.3 x 155	100.0 - 128.0	100.0 - 128.0	100.0 - 127.0	100
5.5/6.3 x 175	118.0 - 148.0	118.0 - 148.0	118.0 - 147.0	100
5.5/6.3 x 195	138.0 - 168.0	138.0 - 168.0	138.0 - 167.0	100
5.5/6.3 x 245	178.0 - 218.0	178.0 - 218.0	178.0 - 217.0	100

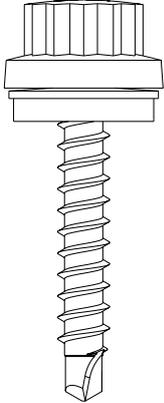
Order Example: CF15 JT3-D-12H-5.5/6.3 x 75

EJOT Colorfast Super-SAPHIR® Stainless Steel Bi-Met Fasteners

Austenitic Stainless Steel fasteners with a carbon steel drill point.
Assembled with integral nylon head and aluminium / EPDM vulcanised sealing washers.

CF15 JT3-2

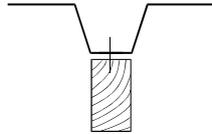
 11mm Bi-Hex



For fixing

Roofing or cladding steel sheets
- Timber

Mechanical performance is dependant on embedment and grade of timber

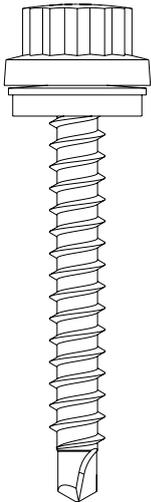


Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.6 x 35				100

Order Example: CF15 JT3-2-5.6 x 35

CF15 JT3-2

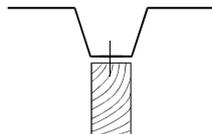
 11mm Bi-Hex



For fixing

Roofing or cladding steel sheets
- Timber

Mechanical performance is dependant on embedment and grade of timber



Ø x L mm	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
6.5 x 50				100

Order Example: CF15 JT3-2-5.6 x 35

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

Tools & Tooling Accessories

EJOT Fastener Installation Guide

Recommended Drill Speeds and End Loads.

JT2 Carbon Steel Self Drilling Fasteners

Product Code	Ø x L mm	Drilling Speeds			End Load kg
		1300 RPM	1500 RPM	1800 RPM	
SF	4.8 x All				17
SF	6.3 x All				25
SF	8.0 x All				25
RLS	- x All	Install by hand only			
LS	5.5 x All				25
LSHT	5.5/6.3 x All				25
JT2 - 3 -	4.8 x All				17
JT2 - 3 -	5.5 x All				25
JT2 - 6 -	5.5 x All				27
JT2 - 6 -	6.3 x All				27
JT2 - D6 -	5.5/6.3 x All				27
HS	5.5 x All				35
HSHT	5.5/6.3 x All				35
JT2 - 12 -	6.3 x All				35

JT3 Stainless Steel Bi-Metal Self Drilling Fasteners

Product Code	Ø x L mm	Drilling Speeds			End Load kg
		1300 RPM	1500 RPM	1800 RPM	
JT3 - 2	4.8 x All				17
JT3 - 2	4.9 x All				17
JT3 - 2	5.6 x All				25
JT3 - 2	6.0 x All				25
JT3 - X2	6.0 x All				25
JT3 - 2	6.3 x All				25
JT3 - 2	6.5 x All				25
RLS	- x All	Install by hand only			
JT3 - 3	5.5 x All				25
JT3 - 3	6.3 x All				25
JT3 - D3	5.5/6.3 x All				25
JT3 - 6	5.5 x All				27
JT3 - 6	6.3 x All				27
JT3 - D6	5.5/6.3 x All				27
JT3 - 12	5.5 x All				35
JT3 - 12	6.3 x All				35
JT3 - D12	5.5/6.3 x All				35

EJOT Fastener Installation Guide

Fastener Effective Clamping Thickness Calculation.

Panel thickness calculation

To calculate the suitability of the fastener for a given panel thickness you must subtract the 'Substrate thickness' from the 'Effective Clamping thickness'

Example: Substrate thickness (Beam Section) 12 mm
 Fasteners (HSHT 140) min/max 'ect' 93 - 115 mm
 Minimum range (93 - 12 = 81 mm), Maximum (115 - 12 = 103 mm) = Suitable for panel range of 81 to 103 mm

Note that all calculations are based on the assumption that the panel is flat against the substrate before fixing and without void being present between the two.

No mastic seals have been allowed for in calculation.

EJOT Fastener Installation Guide

Screwdrivers and tools, recommended fixing instructions.



Installation of EJOT Fasteners

The use of correct tools is essential for the effective installation of EJOT fasteners. SAPHIR® and Super SAPHIR® fasteners should be installed using the correct EJOT power screwdriver, which can be found within the tooling section of this catalogue. The screwdriver should be equipped with the correct driving attachments and adjustable nosepiece.

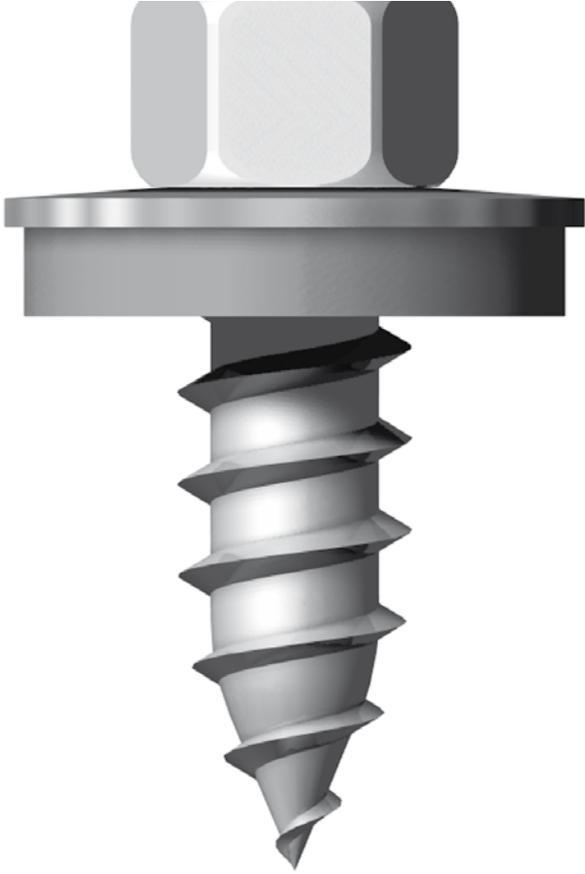
Driving Techniques

The screwdriver should be positioned perpendicular to the material being fixed, an applied force equal to the End load figures given in the table 'Drill speeds and End Loads' should be maintained during the drilling and tapping operation, the screwdriver should be set to automatically disengage its clutch when the depth sensing nosepiece makes contact with the surface of the material being fixed.

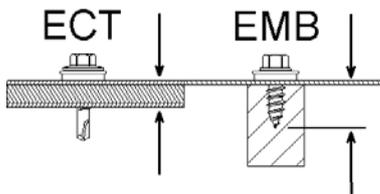
It is important that initial trial drives are carried out on a spare piece of material before commencing work, purpose of the trial drives are to ensure that the screwdriver's clutch disengages before damage is done to fastener or materials whilst ensuring correct mechanical joint is achieved. Fasteners with bonded washers should be installed to achieve 25% compression to ensure weather seal.

Note: Washers, which are under or over driven, may not provide the desired weather seal. EJOT recommend that all Fasteners are vacuum tested after installation to ensure they have been correctly installed.

Self-Tapping Fasteners



- **Product Group** A range of fasteners specifically designed for use in roofing and cladding.
- **Design** The thread forms are designed to provide maximum mechanical performance with ease of installation.
- **Assembly** Where specified they are assembled with a high quality metal and EPDM vulcanised sealing washer ensuring a safe seal every time.
- **Finish** The specified fasteners have a zinc or organic finish for maximum corrosion resistance in their given application.
- **Colour Matching** For colour matching and added corrosion resistance it is recommended that, when used in external applications, our fasteners be capped with EJOT push-on caps.



Effective Clamping Thickness

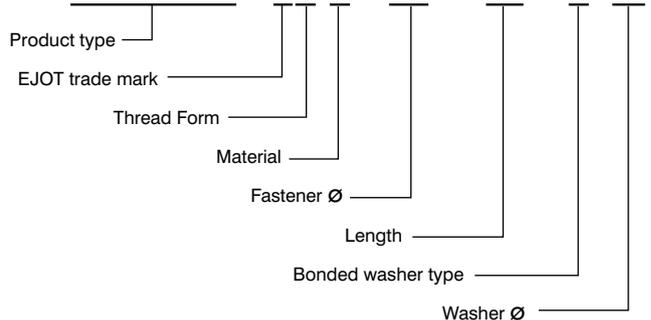
(ECT) is the total thickness of the build up to be fixed.

Embedment

(EMB) figures relate to depth into substrate (not including clamp pieces).

EJOT product codes explained:

Self-Tapping Fastener JZ 2 - 63 x 19 - A 15

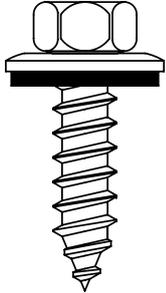


EJOT Self-Tapping Screws JA2

Carbon steel thread forming fasteners with zinc corrosion resistant finish.
Assembled with aluminium / EPDM vulcanised sealing washers.

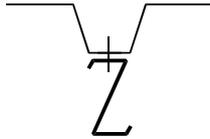
JA2

 3/8 AF



Application

Roofing or cladding steel sheets
- Steel sections upto 2.0 mm in thickness



Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A29 Min ECT Max	
6.5 x 19	0.5 - 9.0	0.5 - 9.0	0.5 - 8.0	100
6.5 x 25	0.5 - 15.0	0.5 - 15.0	0.5 - 14.0	100
6.5 x 32	0.5 - 22.0	0.5 - 22.0	0.5 - 21.0	100
6.5 x 38	0.5 - 28.0	0.5 - 28.0	0.5 - 27.0	100
6.5 x 50	0.5 - 40.0	0.5 - 40.0	0.5 - 39.0	100
6.5 x 64	0.5 - 54.0	0.5 - 54.0	0.5 - 53.0	100
6.5 x 75	0.5 - 65.0	0.5 - 65.0	0.5 - 64.0	100
6.5 x 90	12.0 - 80.0	12.0 - 80.0	12.0 - 79.0	100
6.5 x 100	22.0 - 90.0	22.0 - 90.0	22.0 - 89.0	100
6.5 x 125	47.0 - 115.0	47.0 - 115.0	47.0 - 114.0	100
6.5 x 150	72.0 - 140.0	72.0 - 140.0	72.0 - 139.0	100
6.5 x 175	97.0 - 165.0	97.0 - 165.0	97.0 - 164.0	100
6.5 x 200	122.0 - 190.0	122.0 - 190.0	122.0 - 189.0	100

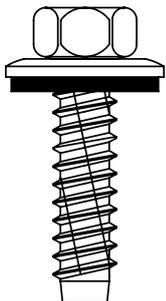
Order Example: JA2-6.5 x 19 A15

EJOT Self-Tapping Screws JZ2

Carbon steel thread forming fasteners with zinc corrosion resistant finish.
Assembled aluminium / EPDM vulcanised sealing washers.

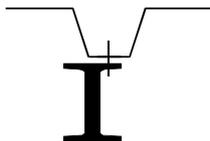
JZ2

 3/8 AF



Application

Roofing or cladding steel sheets
- Steel sections upto 2.0 mm in thickness



Ø x L mm	Washer Options			Min Qty
	A15 Min ECT Max	A19 Min ECT Max	A29 Min ECT Max	
6.3 x 19	2.0 - 13.0	2.0 - 13.0	2.0 - 12.0	100
6.3 x 25	2.0 - 19.0	2.0 - 19.0	2.0 - 18.0	100
6.3 x 32	2.0 - 26.0	2.0 - 26.0	2.0 - 25.0	100
6.3 x 38	2.0 - 32.0	2.0 - 32.0	2.0 - 31.0	100
6.3 x 50	2.0 - 44.0	2.0 - 44.0	2.0 - 43.0	100
6.3 x 64	2.0 - 58.0	2.0 - 58.0	2.0 - 57.0	100
6.3 x 75	18.0 - 74.0	18.0 - 74.0	18.0 - 73.0	100
6.3 x 90	28.0 - 84.0	28.0 - 84.0	28.0 - 83.0	100
6.3 x 100	38.0 - 94.0	38.0 - 94.0	38.0 - 93.0	100
6.3 x 125	63.0 - 119.0	63.0 - 119.0	63.0 - 118.0	100
6.3 x 150	88.0 - 144.0	88.0 - 144.0	88.0 - 143.0	100
6.3 x 175	113.0 - 169.0	113.0 - 169.0	113.0 - 168.0	100
6.3 x 200	138.0 - 194.0	138.0 - 194.0	138.0 - 193.0	100

Order Example: JZ2-6.3 x 19 A15

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

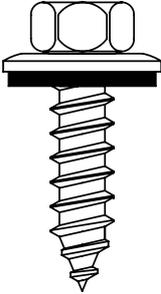
Tools & Tooling Accessories

EJOT Self-Tapping Screws JA3

Austenitic stainless steel thread-forming fasteners.
Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

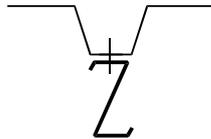
JA3

 **3/8 AF**



Application

Roofing or cladding steel sheets
- Steel sections upto 2.0 mm in thickness
- Aluminium sections upto 3.0 mm in thickness
- Timber



Ø x L mm	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
6.5 x 19	0.5 - 9.0	0.5 - 9.0	0.5 - 8.0	100
6.5 x 25	0.5 - 15.0	0.5 - 15.0	0.5 - 14.0	100
6.5 x 32	0.5 - 22.0	0.5 - 22.0	0.5 - 21.0	100
6.5 x 38	0.5 - 28.0	0.5 - 28.0	0.5 - 27.0	100
6.5 x 50	0.5 - 40.0	0.5 - 40.0	0.5 - 39.0	100
6.5 x 64	0.5 - 54.0	0.5 - 54.0	0.5 - 53.0	100
6.5 x 75	0.5 - 65.0	0.5 - 65.0	0.5 - 64.0	100
6.5 x 90	12.0 - 80.0	12.0 - 80.0	12.0 - 79.0	100
6.5 x 100	22.0 - 90.0	22.0 - 90.0	22.0 - 89.0	100
6.5 x 115	22.0 - 98.0	22.0 - 98.0	22.0 - 104.0	100
6.5 x 125	37.0 - 105.0	37.0 - 105.0	37.0 - 114.0	100
6.5 x 150	47.0 - 115.0	47.0 - 115.0	47.0 - 139.0	100
6.5 x 175	97.0 - 165.0	97.0 - 165.0	97.0 - 165.0	100
6.5 x 200	122.0 - 190.0	122.0 - 190.0	122.0 - 189.0	100
6.5 x 230	152.0 - 220.0	152.0 - 220.0	152.0 - 219.0	100

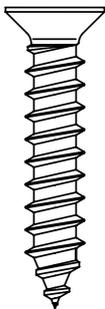
Order Example: JA3-6.5 x 19 S16

EJOT Countersunk Self-Tapping Screws JA3-S

Austenitic stainless steel thread-forming fasteners. Unwashed.

JA3-S

 **T30**



Application

Timber or brackets
- Steel sections upto 2.0 mm in thickness
- Aluminium sections upto 3.0 mm in thickness
- Timber



Ø x L mm	Unwashed	Min Qty
	Min ECT Max	
6.5 x 35	0.5 - 25.	100
6.5 x 95	37.0 - 85.0	100

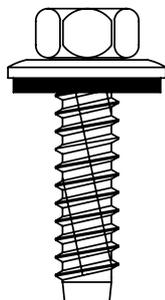
Order Example: JZ3-6.3 x 19 S16

EJOT Self-Tapping Screws JZ3

Austenitic stainless steel thread-forming fasteners.
Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

JZ3

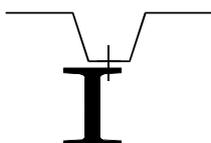
 3/8 AF



Application

Roofing or cladding steel sheets

- Steel sections greater than 2.0 mm in thickness.
- Aluminium sections greater than 2.5 mm in thickness



Ø x L mm	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
6.3 x 19	2.0 - 13.0	2.0 - 13.0	2.0 - 12.0	100
6.3 x 25	2.0 - 19.0	2.0 - 19.0	2.0 - 18.0	100
6.3 x 32	2.0 - 26.0	2.0 - 26.0	2.0 - 25.0	100
6.3 x 38	2.0 - 32.0	2.0 - 32.0	2.0 - 31.0	100
6.3 x 50	2.0 - 44.0	2.0 - 44.0	2.0 - 43.0	100
6.3 x 64	2.0 - 58.0	2.0 - 58.0	2.0 - 57.0	100
6.3 x 80	18.0 - 74.0	18.0 - 74.0	18.0 - 73.0	100
6.3 x 90	28.0 - 84.0	28.0 - 84.0	28.0 - 84.0	100
6.3 x 100	38.0 - 94.0	38.0 - 94.0	38.0 - 93.0	100
6.3 x 115	53.0 - 109.0	53.0 - 109.0	53.0 - 109.0	100
6.3 x 125	63.0 - 119.0	63.0 - 119.0	63.0 - 118.0	100
6.3 x 150	88.0 - 144.0	88.0 - 144.0	88.0 - 143.0	100
6.3 x 175	113.0 - 169.0	113.0 - 169.0	113.0 - 168.0	100
6.3 x 200	138.0 - 194.0	138.0 - 194.0	138.0 - 193.0	100
6.3 x 230	168.0 - 224.0	168.0 - 224.0	168.0 - 223.0	100

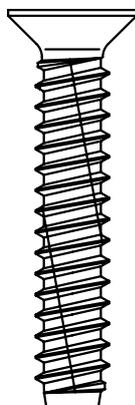
Order Example: JZ3-6.3 x 19 S16

EJOT Countersunk Self-Tapping Screws JZ3-S

Austenitic stainless steel thread-forming fasteners. Unwashed.

JZ3-S

 T30



Application

Timber or brackets

- Steel sections over 2.0 mm in thickness
- Aluminium sections upto 2.5 mm in thickness



Ø x L mm	Unwashed Min ECT Max	Min Qty
	6.3 x 19	
6.3 x 25	2.0 - 19.0	10
6.3 x 64	2.0 - 59.0	100
6.3 x 90	30.0 - 85.0	100

Order Example: JZ3-S-6.3 x 19

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

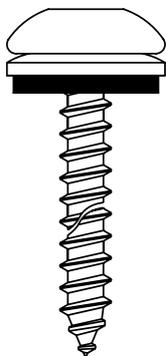
Accessories

Tools & Tooling Accessories

EJOT Low Profile Self-Tapping Screws JA3-FR

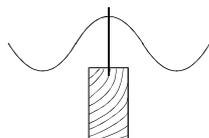
Austenitic stainless steel thread-forming fasteners.
Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

JA3-FR



Application

Profiled steel or aluminium sheets
- Timber
Mechanical performance is dependant on embedment and grade of timber



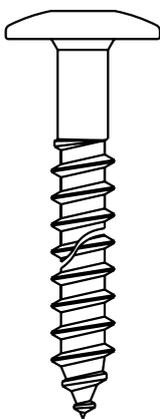
Ø x L mm	Washer Options	Min Qty
	S12 Min EMB Max	
4.9 x 38		100
4.9 x 64		10

Order Example: JA3-FR-4.9 x 38 S12

EJOT Low Profile Self-Tapping Screws JA3-LT

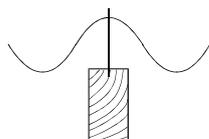
Austenitic stainless steel thread-forming fasteners.
Assembled with stainless steel or aluminium / EPDM vulcanised sealing washers.

JA3-LT



Application

Cladding Panels
- Timber
Mechanical performance is dependant on embedment and grade of timber



Ø x L mm	Washer Options	Min Qty
	S12 Min ECT Max	
4.9 x 25		100
4.9 x 38		10

Order Example: JA3-LT-4.9 x 25 S12

Drill hole diameter for profiled steel sheet structures

Thickness of building part i Hot - dip galvanized steel - sheet ($R_m \geq 360N/mm^2$)		Thickness of building part ii Hot - dip galvanized steel - sheet / steel - profiles / rolled steel ST 37 ($R_m \geq 360N/mm^2 \leq 440N/mm^2$)															
mm	0.63	0.75	0.88	1.00	1.13	1.25	1.50	2x 0.75	2x 0.88	2x 1.00	2.0- 4.9	5.0- 6.9	≥ 7.0	1.5- 5.9	6.0 - 7.9	8.0 - 9.9	mm
	0.63	3.5	4.0	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.3	5.5	5.7	6.8	7.0	7.2	Drill Hole
	0.75	3.5*	4.0	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.3	5.5	5.7	6.8	7.0	7.2	
	0.88	3.5*	4.0*	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.3	5.5	5.7	6.8	7.0	7.2	Diameter
	1.00	3.5*	4.0*	3.5*	4.5	4.5	4.5	4.5	4.5*	5.0	5.3	5.5	5.7	6.8	7.0	7.2	
	1.13	3.5*	4.0*	3.5*	4.5*	4.5	4.5	4.5	4.5*	5.0*	5.3	5.5	5.7	6.8	7.0	7.2	mm
	1.25	3.5*	4.0*	3.5*	4.5*	4.5	4.5	4.5	4.5*	5.0*	5.3	5.5	5.7	6.8	7.0	7.2	
	1.50	3.5*	4.0*	3.5*	4.5*	4.5*	5.0*	4.5	4.5*	5.0*	5.3	5.5	5.7	6.8	7.0	7.2	mm
	2.00	-	-	-	4.5*	4.5*	5.0*	-	-	5.0*	5.3	5.5	5.7	-	7.0	7.2	
EJOT fastener type	JAØ 6.5 									JZØ 6.3  JZØ 8.0							

Drill hole diameter for profiled aluminium sheet structures

Thickness of building part i Aluminium sheet ($R_m \geq 280N/mm^2$)		Thickness of building part ii Aluminium sheet, aluminium profiles F22 - F25 ($R_m \geq 220N/mm^2 \leq 290N/mm^2$)					
mm	-0.9	1.0 - 1.4	1.5 - 2.9	3.0 - 4.9	5.0	mm	
	0.4	4.0	4.0	4.5	5.0	5.3	Drill Hole
	0.5	4.0	4.0	4.5	5.0	5.3	
	0.6	4.0	4.0	4.5	5.0	5.3	Diameter
	0.7	4.0	4.0	4.5	5.0	5.3	
	0.8	4.0	4.0	4.5	5.0	5.3	mm
	1.0	4.0	4.0	4.5	5.0	5.3	
	1.2	4.0*	4.0	4.5	5.0	5.3	
	1.5	4.0*	4.0	4.5	5.0	5.3	
EJOT fastener type	JAØ 6.5 			JZØ 6.3 			

Thickness of building part i

* Through-hole > screw diameter in building part i necessary.

NB: When fixing profiled aluminium sheet (Building part i) to steel substructure (Building part ii) please use the drill hole table for profiled steel sheet.

How to determine the drill hole diameter

Thickness of building part i Aluminium sheet ($R_m \geq 280N/mm^2$)		Thickness of building part ii Aluminium sheet, aluminium profiles F22 - F25 ($R_m \geq 220N/mm^2 \leq 290N/mm^2$)					
mm	-0.9	1.0 - 1.4	1.5 - 2.9	3.0 - 4.9	5.0	mm	
Example							
Thickness of building part i = 0.7 mm aluminium sheet	0.4	4.0	4.0	4.5	5.0	5.3	Drill Hole
Thickness of building part ii = 3.0 mm aluminium profile	0.5	4.0	4.0	4.5	5.0	5.3	
Screw type = EJOT JZ3 6.3 xL	0.6	4.0	4.0	4.5	5.0	5.3	Diameter
Drill hole = 5.0 mm diameter	0.7	4.0	4.0	4.5	5.0	5.3	
	0.8	4.0	4.0	4.5	5.0	5.3	mm
	1.0	4.0	4.0	4.5	5.0	5.3	
	1.2	4.0	4.0	4.5	5.0	5.3	
	1.5	4.0	4.0	4.5	4.5	5.3	
EJOT fastener type	JAØ 6.5 			JZØ 6.3 			

EJOT Storm Washers

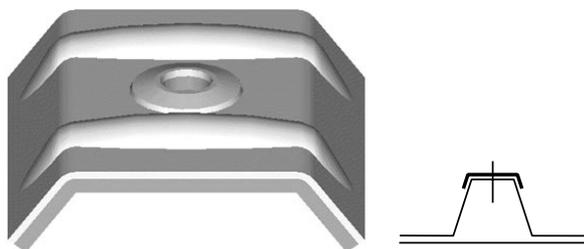


- **Product Group** A range of washers designed to seal against the crown of a profile to ensure a safe secure seal against the ingress of water.
- **Design** The washer profile is designed to follow the crown of sheet. Structural ribs are utilised to give added wind uplift resistance.
- **Assembly** All storm washers are supplied with bonded, open cell, EPDM to form a water-tight barrier seal against the sheet when compressed.
- **Finish** Storm washers are supplied with a blank aluminium finish. A textured finish can be specified should the detail require it.
- **Colour Matching** All storm washers can be powder coated for colour-matching with your sheet. Please specify a BS or RAL reference when ordering.

EJOT Storm Washers - Trapezoidal Profiles

Pressed aluminium washers with bonded EPDM. Formed to suit corrugated profiles.

Storm



Application

Crown fixing trapezoidal profiles

Note: All storm washers are supplied as standard with a blank aluminium finish. If a textured or powder coated finish is required please specify when ordering.

All storm washers have a 7mm hole and should be used in conjunction with a fastener assembled with a bonded washer 14 or 16mm O.D.

Washers can be bent or stretched to suit most profiles.

L mm	Angle (deg)	For Trapezoidal		Min Qty
		Suitable for Crown width (mm)	Angle of leg From vertical (deg)	
20	- 34	19	34	100
21	- 16	20	16	100
26	- 15	25	15	100
26	- 27	25	27	100
31	- 37	30	37	100
32	- 25	31	25	100
35	- 23	34	23	100
36	- 40	35	40	100
41	- 16	40	16	100
41	- 32	40	32	100
55	- 32	54	32	100

Order Example: Storm Washer 20 - 34

EJOT Storm Washers - Sinusoidal Profiles

Pressed aluminium washers with bonded EPDM . Formed to suit round profiles.

Storm W



Application

Crown fixing sinusoidal profiles

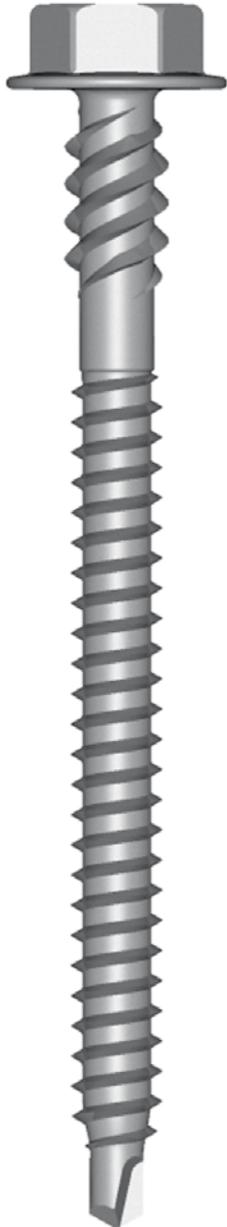
Note: All storm washers are supplied as standard with a blank aluminium finish. If a textured or powder coated finish is required please specify when ordering.

All storm washers have a 7mm hole and should be used in conjunction with a fastener assembled with a bonded washer 14 or 16mm O.D.

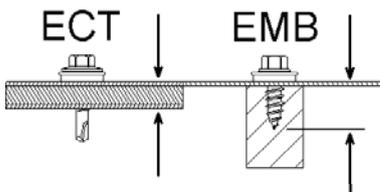
Radius mm	L mm	Sinusoidal Profiles		Min Qty
		Suitable for Profile of Radius (mm)	Length of Arc (mm)	
24	- 50	24	50	100
48	- 50	48	50	100

Order Example: Storm Washer W 24

EJOT Flat Roofing Fasteners



- **Product Group** A range of fasteners and anchors specifically designed for applications in flat roofing. Included are EJOT-Climadur Dabo® fasteners with both 8mm low profile and bugle heads, for fixing single layer membrane and insulation to steel deck.
- **Design** Dabo® drill points and thread forms are designed to provide maximum mechanical performance. Features include stress plate support-thread and engineered resistance to unwinding under cyclic loading.
- **Assembly** Specific products may be supplied individually or collated for automated installation.
- **Finish** Dabo® fasteners have a high corrosion resistance with Climadur coating (15 cycles Kesternich, DIN 50018:1997)



Effective Clamping Thickness

(ECT) is the total thickness of the build up to be fixed.

Embedment

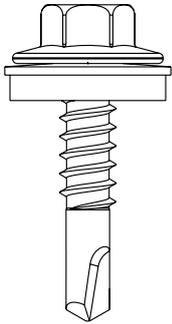
(EMB) figures relate to depth into substrate (not including clamp pieces).

EJOT SAPHIR® Self-Drilling Light Section Fasteners

Carbon steel with organic corrosion resistant finish.

LS

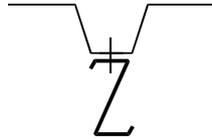
8mm AF



Application

Steel deck 0.7 to 1.2 mm in thickness into

- Steel sections from 1.2 to 3.0 mm in thickness



Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	G16 Min ECT Max	
5.5 x 25	1.2 - 8.0	1.2 - 6.0	100
5.5 x 32	1.2 - 9.0	1.2 - 11.0	100

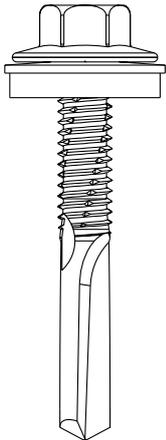
Order Example: LS 5.5 x 25

EJOT SAPHIR® Self-Drilling Heavy Section Fasteners

Carbon steel with organic corrosion resistant finish.

HS

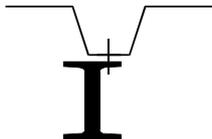
8mm AF



Application

Steel deck 0.7 to 1.2 mm in thickness into

Steel sections from 4.0 to 12.0 mm in thickness



Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	G16 Min ECT Max	
5.5 x 38	4.0 - 16.0	4.0 - 14.0	100

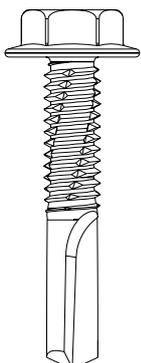
Order Example: HS 5.5 x 38

EJOT SAPHIR® Self-Drilling Heavy Section Fasteners

Carbon steel with zinc corrosion resistant finish.

JT2-12

10mm AF

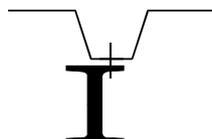


Application

Steel deck 0.7 to 1.2 mm in thickness into

- Steel sections from 4.0 to 12.0 mm in thickness

* Where high shear load is required



Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	G16 Min ECT Max	
6.3 x 35	4.0 - 16.0	4.0 - 14.0	100

Order Example: JT2-12-6.3 x 35

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

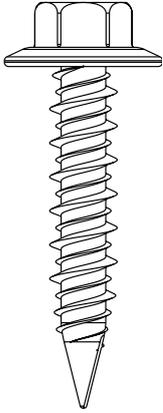
Tools & Tooling
Accessories

EJOT SAPHIR® Self-Drilling Timber Fasteners

Carbon steel with organic corrosion resistant finish. Unwashed.

TS

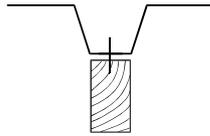
8mm AF



Application

Steel deck 0.7 to 1.2 mm in thickness into
- Timber

Mechanical Performance is dependant on embedment and grade of timber



Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	G16 Min ECT Max	
6.3 x 45			100
6.3 x 60			100

Order Example: TS 6.3 x 45

EJOT SAPHIR® Self-Drilling Secondary Fasteners

Carbon steel with organic corrosion resistant finish and reduced drill point. Unwashed.

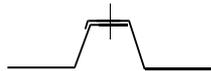
SF

8mm AF



Application

Steel deck 0.7 to 1.2 mm in thickness into
- Steel deck 0.7 to 1.2 mm in thickness



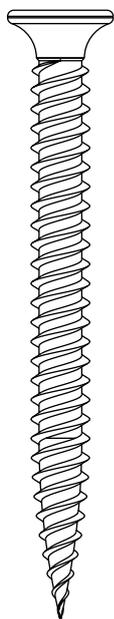
Ø x L mm	Washer Options		Min Qty
	Unwashed Min ECT Max	G16 Min ECT Max	
6.3 x 25	0.7 - 103.0	0.7 - 11.0	100

Order Example: SF 6.3 x 25

EJOT Climadur-Dabo® Fastener

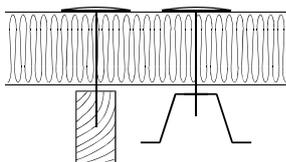
Carbon steel with organic corrosion resistant finish.

VHT-R



Application

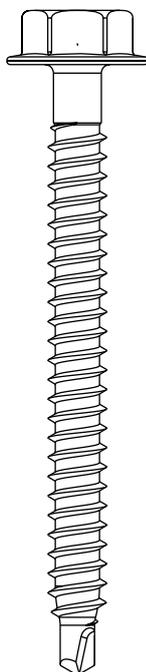
Insulation
- 0.7 to 0.9 mm steel
or timber deck



Ø x L mm	Deck Type		Min Qty
	Steel Deck Min Insulation Max	19mm Timber Min Insulation Max	
4.8 x 50	5 - 30	5 - 10	100
4.8 x 60	5 - 40	5 - 20	100
4.8 x 70	15 - 50	15 - 30	100
4.8 x 80	25 - 60	25 - 40	100
4.8 x 90	35 - 70	35 - 50	100
4.8 x 100	45 - 80	45 - 60	100
4.8 x 110	55 - 90	55 - 70	100
4.8 x 120	65 - 100	65 - 80	100
4.8 x 130	75 - 110	75 - 90	100
4.8 x 140	85 - 120	85 - 100	100
6.3 x 150	95 - 150	95 - 110	100

Order Example: VHT-R-4.8 x 50

SW8 R

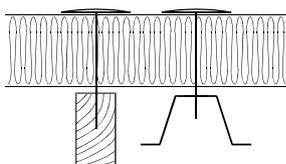


Application

Insulation and single layer waterproof membrane

- 0.7 to 1.2 mm steel
or timber deck

Available collated for automated
installation (see tools)



Ø x L mm	Deck Type		Min Qty
	Steel Deck Min Insulation Max	Timber Min Insulation Max	
4.8 x 60	15 - 40	10 - 20	100
4.8 x 80	35 - 60	30 - 40	100
4.8 x 90	45 - 70	40 - 50	100
4.8 x 100	55 - 80	50 - 60	100
4.8 x 110	65 - 90	60 - 70	100
4.8 x 120	75 - 100	70 - 80	100
4.8 x 130	85 - 110	80 - 90	100
4.8 x 140	95 - 120	90 - 100	100
4.8 x 150	105 - 130	100 - 110	100
4.8 x 160	115 - 140	110 - 120	100
4.8 x 170	125 - 150	120 - 130	100
4.8 x 180	135 - 160	130 - 140	100
4.8 x 200	155 - 180	150 - 160	100
4.8 x 220	175 - 200	170 - 180	100
4.8 x 240	195 - 220	190 - 200	100
4.8 x 260	215 - 240	210 - 220	100

Order Example: SW8 R 4.8 x 60

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

Tools & Tooling
Accessories

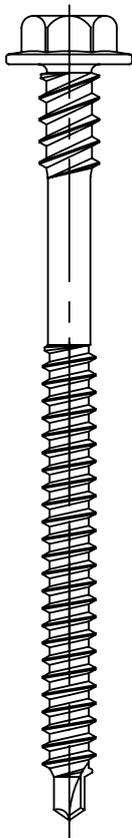
EJOT Climadur-Dabo® Fastener

Carbon steel with organic corrosion resistant finish.

Support thread designed to engage in stress plate for resistance to imposed load.

SW8-RT

8mm AF

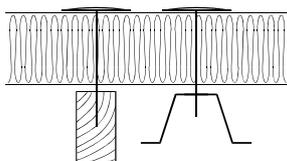


Application

Insulation and single layer waterproof membrane

- 0.7 to 1.2 mm steel or timber deck

Available collated for automated installation (see tools)



Ø x L mm	Deck Type		Min Qty
	Steel Deck Min Insulation Max	Timber Min Insulation Max	
4.8 x 80	35 - 60	30 - 40	100
4.8 x 100	55 - 80	50 - 60	100
4.8 x 110	65 - 90	60 - 70	100
4.8 x 120	75 - 100	70 - 80	100
4.8 x 130	85 - 110	80 - 90	100
4.8 x 140	95 - 120	90 - 100	100
4.8 x 150	105 - 130	100 - 110	100
4.8 x 160	115 - 140	110 - 120	100
4.8 x 180	130 - 160	130 - 140	100
4.8 x 200	155 - 180	150 - 160	100
4.8 x 220	175 - 200	170 - 180	100
4.8 x 240	195 - 220	190 - 200	100
4.8 x 260	215 - 240	210 - 220	100

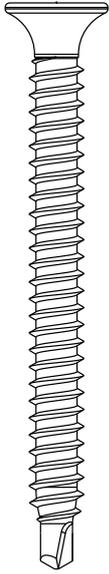
Order Example: SW8-RT-4.8 x 80

EJOT Climadur-Dabo® Fastener

Carbon steel with organic corrosion resistant finish.

TKR

P2

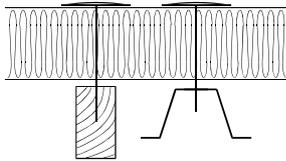


Application

Insulation and single layer waterproof membrane

- 0.7 to 1.2 mm steel or timber deck

N.B. Fastener is fully threaded up to and including the TKR 50 only



Ø x L mm	Deck Type		Min Qty
	Steel Deck Min Insulation Max	Timber Min Insulation Max	
4.8 x 35	5 - 15	N/A	100
4.8 x 50	5 - 30	5 - 10	100
4.8 x 60	15 - 40	10 - 20	100
4.8 x 70	25 - 50	20 - 30	100
4.8 x 80	35 - 60	30 - 40	100
4.8 x 90	45 - 70	40 - 50	100
4.8 x 100	55 - 80	50 - 60	100
4.8 x 110	65 - 90	60 - 70	100
4.8 x 120	75 - 100	70 - 80	100
4.8 x 130	85 - 110	80 - 90	100
4.8 x 140	95 - 120	90 - 100	100
4.8 x 150	105 - 130	100 - 110	100
4.8 x 160	115 - 140	110 - 120	100
4.8 x 170	125 - 150	130 - 140	100
4.8 x 180	135 - 160	150 - 160	100
4.8 x 200	155 - 180	170 - 180	100
4.8 x 220	175 - 200	190 - 200	100
4.8 x 240	195 - 220	210 - 220	100
4.8 x 260	215 - 240	230 - 240	100
4.8 x 280	235 - 260	230 - 240	100
4.8 x 300	255 - 280	250 - 260	100

Order Example: TKR-4.8 x 35

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

Tools & Tooling Accessories

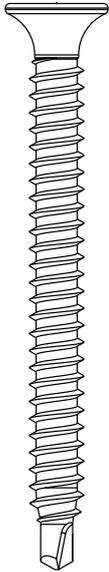
EJOT Dabo® Fastener

A4 Grade austenitic Stainless Steel fasteners with a carbon steel drill point. Organic corrosion resistant finish

TKE



P2

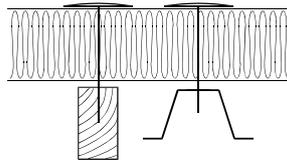


Application

Insulation and single layer waterproof membrane

- 0.7 to 1.2 mm steel or timber

N.B. Fastener is fully threaded up to and including the TKE 50 only



Ø x L mm	Deck Type		Min Qty
	Steel Min Insulation Max	Timber Min Insulation Max	
4.8 x 50	5 - 30	5 - 10	100
4.8 x 60	15 - 30	10 - 20	100
4.8 x 70	25 - 50	20 - 30	100
4.8 x 80	35 - 60	30 - 40	100
4.8 x 90	45 - 70	40 - 50	100
4.8 x 100	55 - 80	50 - 60	100
4.8 x 120	75 - 100	70 - 80	100
4.8 x 140	95 - 120	90 - 100	100

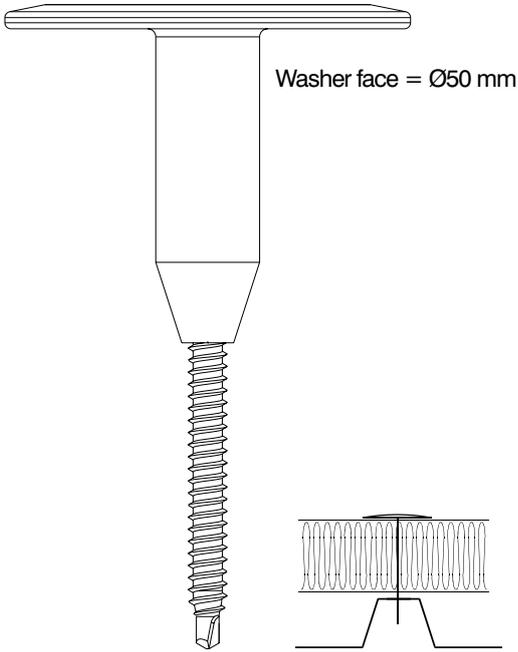
Order Example: TKE-4.8 x 50

EJOT HTK/TKR

HTK Plastic tube washers pre-assembled with EJOT Climadur-Dabo® TKR fasteners.

HTK/TKR

 P2



Application

Insulation and single layer waterproof membrane
- 0.7 to 1.2 mm steel deck.

For timber refer to EJOT Technical.

* Please note that HTK tubes can be supplied assembled with TKR fasteners on a magazine for use with EJOT Ecosot HTK.

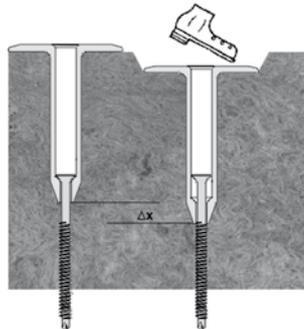
Ø x L mm	HTK Length mm	TKR Length mm	Insulation Thickness mm	Drive Bit mm	Min Qty
	60 - 35/5	35	50	60	
70 - 35/60	35	60	70	P2 100mm	100
80 - 55/50	55	50	80	P2 100mm	100
90 - 55/60	55	60	90	P2 100mm	100
100 - 55/70	55	70	100	P2 100mm	100
110 - 55/80	55	80	110	P2 100mm	100
120 - 95/50	95	50	120	P2 150mm	100
130 - 95/60	95	60	130	P2 150mm	100
140 - 95/70	95	70	140	P2 150mm	100
150 - 95/80	95	80	150	P2 150mm	100
160 - 95/90	95	90	160	P2 150mm	100
170 - 145/50	145	50	170	P2 200mm	100
180 - 145/60	145	60	180	P2 200mm	100
190 - 145/70	145	70	190	P2 200mm	100
200 - 145/80	145	80	200	P2 200mm	100
210 - 145/90	145	90	210	P2 200mm	100
220 - 145/100	145	100	220	P2 200mm	100
230 - 145/110	145	110	230	P2 200mm	100
240 - 145/120	145	120	240	P2 200mm	100
250 - 145/130	145	130	250	P2 200mm	100
260 - 145/140	145	140	260	P2 200mm	100

Order Example: HTK-TKR-60 - 35/50



Telescope design

prevents screw head protrusion due to foot traffic



Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

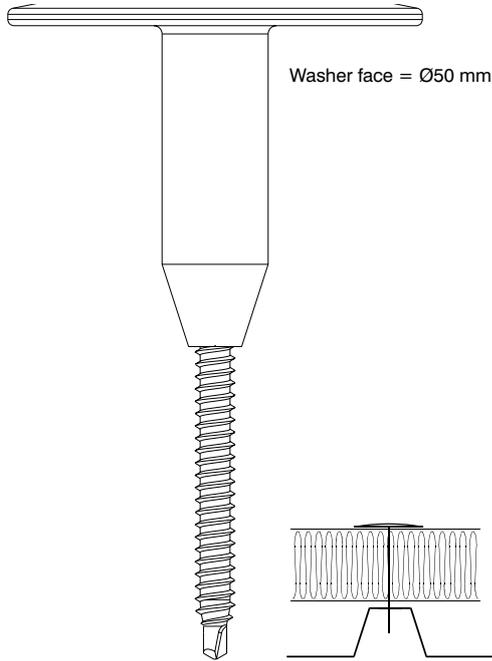
Accessories

Tools & Tooling
Accessories

EJOT HTK/TKE

HTK Plastic tube washers pre-assembled with EJOT Dabo® TKE fasteners.

HTK/TKE



Application

Insulation and single layer waterproof membrane

- 0.7 to 1.2 mm steel deck.

For timber refer to EJOT Technical.

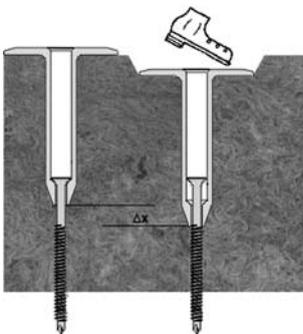
* Please note that HTK tubes can be supplied assembled with TKR fasteners on a magazine for use with EJOT Ecoset HTK.

Ø x L mm	HTE Length	TKE Length	Insulation Thickness	Drive Bit	Min Qty
	mm	mm	mm	mm	
60 - 35/50	35	50	60	P2 100mm	100
70 - 35/60	35	60	70	P2 100mm	100
80 - 55/50	55	50	80	P2 100mm	100
90 - 55/60	55	60	90	P2 100mm	100
100 - 55/70	55	70	100	P2 100mm	100
110 - 55/80	55	80	110	P2 100mm	100
120 - 95/50	95	50	120	P2 150mm	100
130 - 95/60	95	60	130	P2 150mm	100
140 - 95/70	95	70	140	P2 150mm	100
150 - 95/80	95	80	150	P2 150mm	100
160 - 95/90	95	90	160	P2 150mm	100
170 - 145/50	145	50	170	P2 200mm	100
180 - 145/60	145	60	180	P2 200mm	100
190 - 145/70	145	70	190	P2 200mm	100
200 - 145/80	145	80	200	P2 200mm	100
210 - 145/90	145	90	210	P2 200mm	100
220 - 145/100	145	100	220	P2 200mm	100

Order Example: HTK/TKE 60 - 35/50

Telescope design

prevents screw head protrusion due to foot traffic

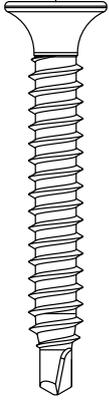


EJOT Climadur-Dabo® Fastener

Carbon steel with organic corrosion resistant finish.

TKR

 **P2**



Application

Single layer waterproof membrane via a fleece direct
 - Timber deck
 For use with stress plate HTV 82/40F



Ø x L mm	Unwashed			Min Qty
4.8 x 35				100

Order Example: TKR 4.8 x 35

EJOT Dabo® Fastener

A2 Grade austenitic stainless steel.

S/SS M5

 **P2**



Application

Single layer waterproof membrane via a fleece direct
 - Timber deck
 For use with stress plate HTV 82/40F



Ø x L mm	Unwashed			Min Qty
5.0 x 35				100

Order Example: S/SS M5 x 35

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

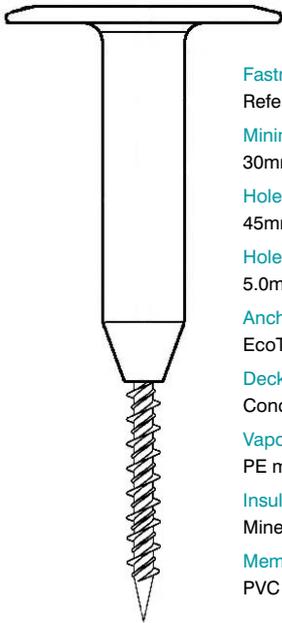
Accessories

Tools & Tooling Accessories

EJOT EcoTek/FBS-R

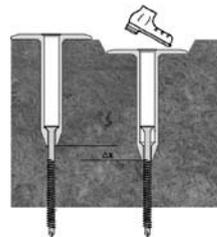
For fixing insulation and single layer waterproof membrane onto concrete.

FBS-R



- Fastener combination:**
Refer to table
- Minimum embedment:**
30mm
- Hole depth:**
45mm
- Hole diameter:**
5.0mm
- Anchor system:**
EcoTek and FBS-R
- Deck:**
Concrete
- Vapour barrier:**
PE membrane
- Insulation:**
Mineral wool
- Membrane:**
PVC

		Roof Build-up max. ≥	EcoTek 50 x L				
			35	65	105	165	225
FBS-R-6.3 x L	35		50	90	150	210	
	60	50	80	120	180	240	
	70	60	90	130	190	250	
	80	70	100	140	200	260	
	100	90	120	160	220	280	
	120	110	140	180	240	300	
	140	130	160	200	260	320	
	180	170	200	240	300	360	
	220	210	240	280	340	400	

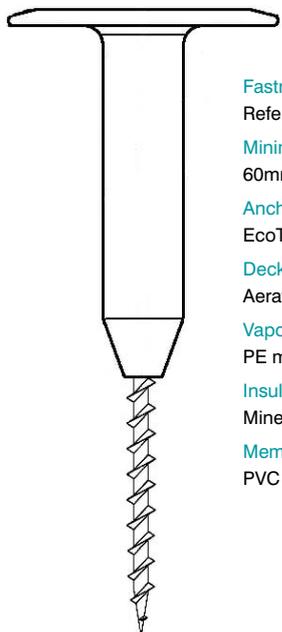


Telescope design
prevents screw head protrusion due to foot traffic

EJOT EcoTek/FPS-E

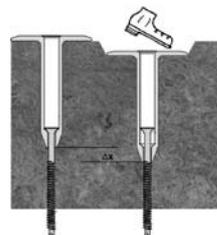
For fixing insulation and single layer waterproof membrane into aerated concrete.

FPS-E



- Fastener combination:**
Refer to table
- Minimum embedment:**
60mm
- Anchor system:**
EcoTek and FPS-E
- Deck:**
Aerated concrete
- Vapour barrier:**
PE membrane
- Insulation:**
Mineral wool
- Membrane:**
PVC

		Roof Build-up max. ≥	EcoTek 50 x L				
			35	65	105	165	225
FPS-E-8.0 x L	100	60	90	130	190	250	
	120	80	110	150	210	270	
	160	120	150	190	250	310	
	200	160	190	230	290	350	
	240	200	230	270	330	390	



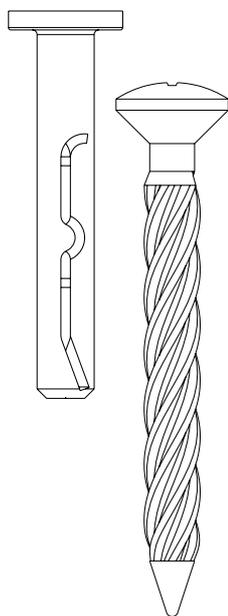
Telescope design
prevents screw head protrusion due to foot traffic

EJOT Anchor

Polyamide expansion anchor with stainless steel, spiralform nail (hammer-set).

ND-K

 P2

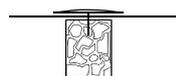


Application

Membrane via a fleece direct

- Concrete

For use with stress plate
HTV 82/40F



Ø x L mm	Insulation		Min Qty
	Pilot Hole mm	Embedment mm	
6.0 x 50E	6.0	25 - 45	100

Order Example: ND-K-6.0 x 50E

EJOT Peel Rivets

Aluminium body with steel mandrel.

PR



Application

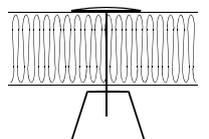
Insulation and single
layer waterproof mem-brane
- Woodwool, aluminium,
thin timber and perforated
steel decks

The PR range can be used
with the HTV 82/40 - 7 steel
stress plate and HTV 70RU

* Below 19 mm build-up the
mandrel stub may protrude above
the rivet head and may need to be
cropped.

PR rivets are suitable for use in 50
mm minimum thickness woodwool
decking. Deduct 6 mm from
maximum ECT. Protrusion must be
a minimum 38 mm.

A site test is recommended in all
woodwool applications.



Ø x L mm	Insulation			Min Qty
	Pilot Hole mm	Profusion* mm	ECT Min Max	
6.5 x 38	7	32	0.1 - 6.0	100
6.5 x 50	7	32	0.1 - 8.0	100
6.5 x 75	7	32	5.0 - 43.0	100
6.5 x 100	7	32	30.0 - 68.0	100
6.5 x 125	7	32	55.0 - 93.0	100
6.5 x 150	7	32	80.0 - 118.0	100
6.5 x 175	7	32	105.0 - 143.0	100
6.5 x 200	7	32	130.0 - 168.0	100
6.5 x 225	7	32	155.0 - 193.0	100
6.0 x 250	7	32	180.0 - 218.0	100

Order Example: PR 6.5 x 38

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

Tools & Tooling
Accessories

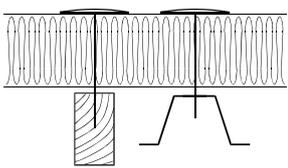
EJOT Stress Plates

Galvanised carbon steel plates for load spreading when fixing insulation.

HTV-70/70



Application
 Insulation
 - Various substrates depending on fastener
 Typical fasteners:
 VHT-R
 TKR



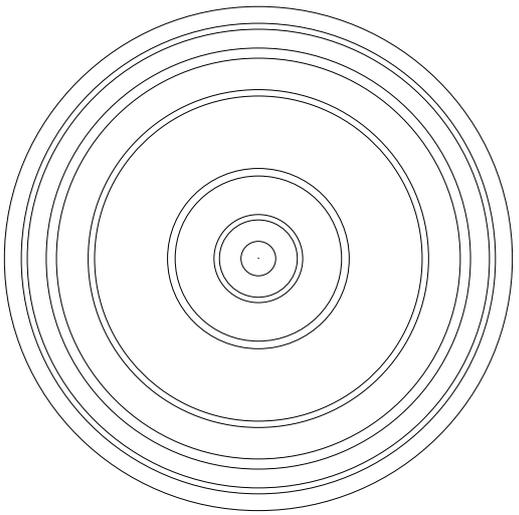
Ø x L mm	Insulation			Min Qty
	Length mm	Width mm	Hole Size mm	
70/70	70	70	6.0	100

Order Example: HTV-70/70

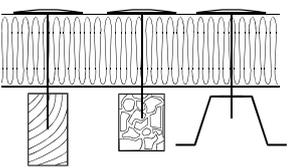
EJOT Stress Plates

Galvanised carbon steel plates for load spreading when fixing insulation.

HTV-70RU



Application
 Insulation
 - Various substrates depending on fastener
 Typical fasteners:
 GIF and PR rivet



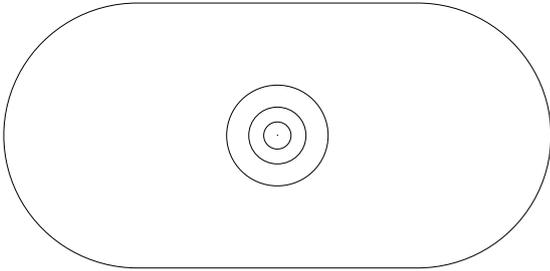
Ø x L mm	Dimensions		Min Qty
	Dia mm	Hole Size mm	
HTV 70RU	70	7	100

Order Example: HTV-70RU

EJOT Stress Plates

Galvanised carbon steel plates for load spreading when fixing membrane.

HTV-82/40

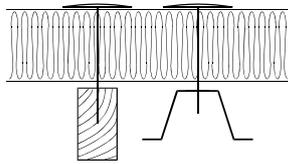


Ø x L mm	Dimensions			Min Qty
	Length mm	Width mm	Hole Size mm	
82/40	82.0	40.0	5.0	100

Order Example: HTV-82/40

Application

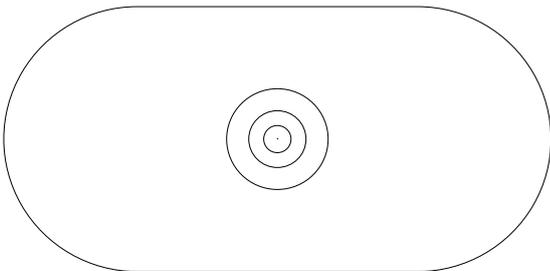
Membrane
- 0.7 - 1.2 mm Steel or
Timber Deck
Typical fasteners:
SW8R and SW8RT



EJOT Stress Plates

Galvanised carbon steel plates for load spreading when fixing membrane.

HTV-82/40TK



Ø x L mm	Dimensions			Min Qty
	Length mm	Width mm	Hole Size mm	
82/40TK	82.0	40.0	5.0	100

Order Example: HTV-82/40TK

Application

Membrane laid on rigid
insulants that cannot
accept a deep recess
- 0.7 - 1.2 mm steel or
timber deck.
Typical fasteners: TKR



Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

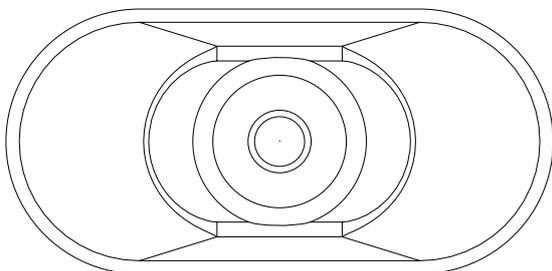
Accessories

Tools & Tooling
Accessories

EJOT Stress Plates

Galvanised carbon steel plates for load spreading when fixing membrane.

HTV-82/40F



Application

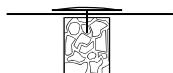
Membrane via a fleece direct

- Timber and Concrete

Typical fasteners:

SHR

ND-K-6.0 x 50 EF



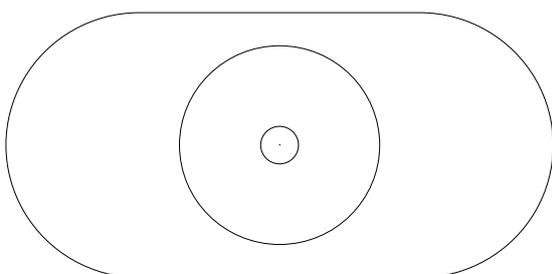
Ø x L mm	Dimensions			Min Qty
	Length mm	Width mm	Hole Size mm	
82/40 F	82.0	40.0	5.0	100

Order Example: HTV-82/40F

EJOT Stress Plates

Galvanised carbon steel plates for load spreading when fixing membrane.

HTV-82/40-7



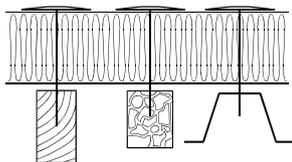
Application

Membrane

- Various substrates depending on fastener

Typical fasteners:

GIF and PR rivet



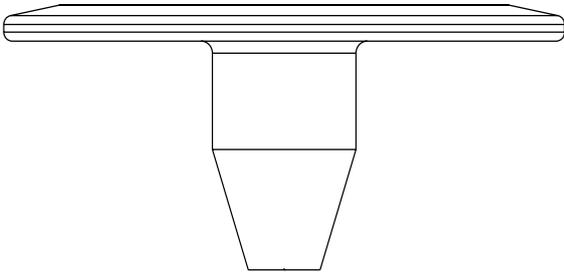
Ø x L mm	Dimensions			Min Qty
	Length mm	Width mm	Hole Size mm	
82/40-7	82.0	40.0	7.0	100

Order Example: HTV-82/40-7

EJOT Plastic Tube Washer

Polyamide plastic tube washer.

HTK-50 x 15



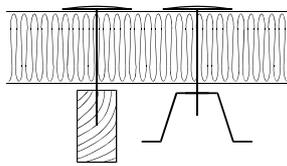
Application

Insulation and single layer waterproof membrane

- 0.7 - 1.2 mm steel or timber deck.

Typical fasteners:
TKR and TKE

Available assembled and collated



Ø x L mm	Dimensions			Min Qty
	Washer mm	Recess Depth mm	Overall Depth mm	
50 x 15	50	15	25	100
50 x 35	50	35	45	100
50 x 55	50	55	65	100
50 x 95	50	95	105	100
50 x 145	50	145	155	100
50 x 185	50	185	195	100

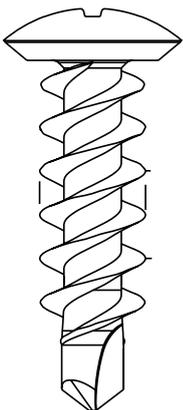
Order Example: HTK-50 x 15

EJOT SAPHIR® Self-Drilling Low Profile Head Fastener

Carbon steel with organic corrosion resistant finish.

FSHL

 P2



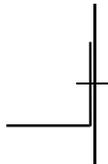
Application

Perimeter metal

- 0.7 to 1.8 mm steel or timber*

* When fixing into timber embed fastener a minimum of 20 mm.

Mechanical performance is dependant on embedment and grade of timber



Ø x L mm	ECT		Min Qty
	Min	Max	
4.8 x 23C	0.7	15.00	100

Order Example: FSHL 4.8 x 23 C

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

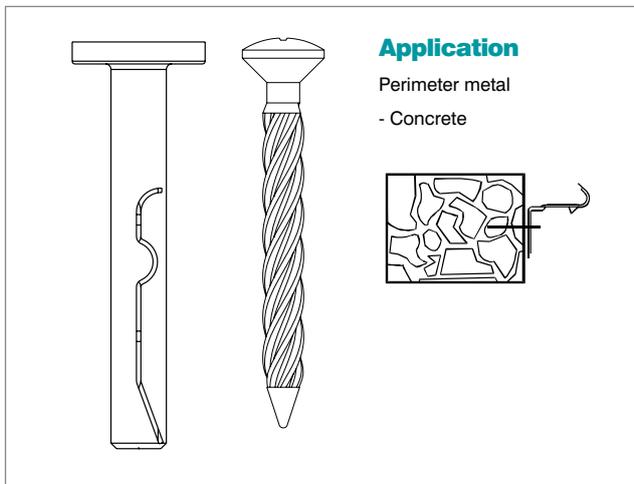
Tools & Tooling
Accessories

EJOT Flat Roofing Fasteners

EJOT Anchor ND-K

Polyamide expansion anchor with carbon steel zinc plated, spiralform nail (hammer-set).

ND-K



Application

Perimeter metal
- Concrete

Ø x L mm			Min Qty
	Pilot Hole mm	Embedment mm	
6.0 - 35V	6	35	100

Order Example: ND-K-5.0 x 35V

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

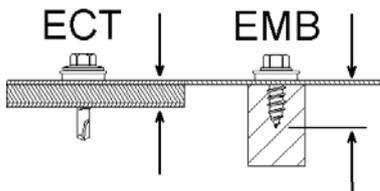
Accessories

Tools & Tooling
Accessories

EJOT Rivets



- **Product Group** A range of breakstem rivets specifically designed for internal and external applications in the construction industry.
 - **Design** The mandrel and body design and material specifications have been chosen to offer the optimum performance in a variety of exposures.
 - **Assembly** Where specified they are assembled with a high quality EPDM sealing ring
- Note: only sealed end rivets will not allow water to pass down the centre of the rivet body
- **Finish** Where the mandrel and/or body is steel it is finished in a bright zinc plate. Aluminium and stainless steel are self-finish.
 - **Colour Matching** For colour matching it is recommended that, when used in external applications, our fasteners be capped with EJOT rivet caps. Certain rivets are also available powder coated on request. Please contact our sales department.



Effective Clamping Thickness

(ECT) is the total thickness of the build up to be fixed.

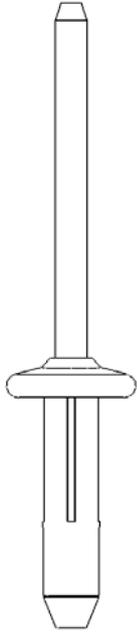
Embedment

(EMB) figures relate to depth into substrate (not including clamp pieces).

EJOT Bulb-tite Rivets

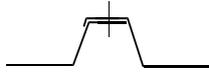
Aluminium body incorporating a neoprene seal and an aluminium mandrel.
Designed to expand, forming individual claws on the underside of the application for maximum mechanical performance.

Bulb-tite



Application

Aluminium or steel sections
Aluminium or steel sections with a combined thickness within the specified grip range
A full range of colour matched rivet caps can be seen in the accessories section.



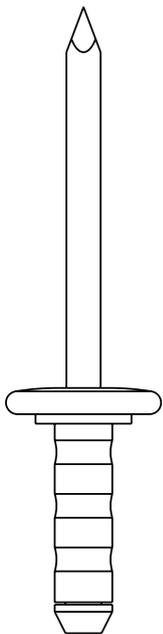
Ø x L mm	Rivet Info			Min Qty
	Grip Range Min ECT Max	Drill Dia Min Max	Gesipa Ref.	
5.2 x 17.5	0.5 - 4.8	5.3 - 5.4	6604-6-3W	100
5.2 x 19.1	1.5 - 6.4	5.3 - 5.4	6604-6-4W	100
5.2 x 22.2	4.8 - 9.5	5.3 - 5.4	6604-6-6W	100
5.2 x 25.4	7.9 - 12.7	5.3 - 5.4	6604-6-8W	100
5.2 x 28.6	11.1 - 15.9	5.3 - 5.4	6604-6-10W	100
5.2 x 31.8	14.3 - 31.8	5.3 - 5.4	6604-6-12W	100

Order Example: Bulb-tite 5.2 x 17.5

EJOT Varigrip Rivets

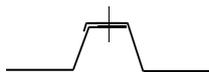
Aluminium body with a low carbon steel mandrel. Designed with an expanding body to offer the greatest possible grip range.

D11 AL/V



Application

Aluminium or steel sections
- Aluminium or steel sections with a combined thickness within the specified grip range
The application of a sealing ring will not significantly affect the grip range.
The full range of colour matched rivet caps can be seen in the accessories section



Ø x L mm	Rivet Info		Min Qty
	Grip Range Min ECT Max	Hole Size Min Max	
4.8 x 16	0.1 x 11.0	4.9 - 5.0	100

Order Example: D11 AL/V 4.8 x 16 W
(When W is added the rivet is assembled with a sealing washer)

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

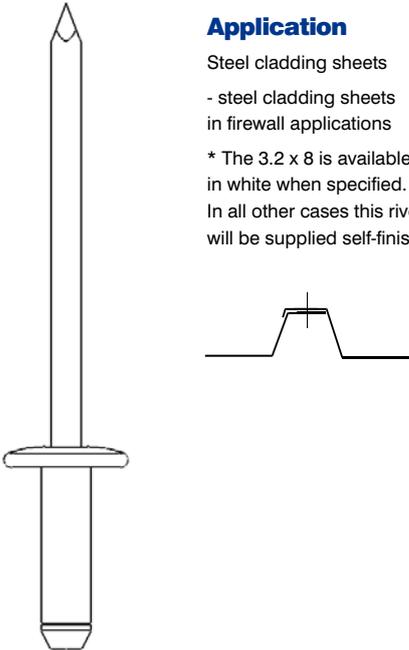
Accessories

Tools & Tooling Accessories

EJOT Steel Rivets

Galvanised steel body and galvanised steel mandrel.

V/V



Application
 Steel cladding sheets
 - steel cladding sheets in firewall applications
 * The 3.2 x 8 is available in white when specified. In all other cases this rivet will be supplied self-finish.

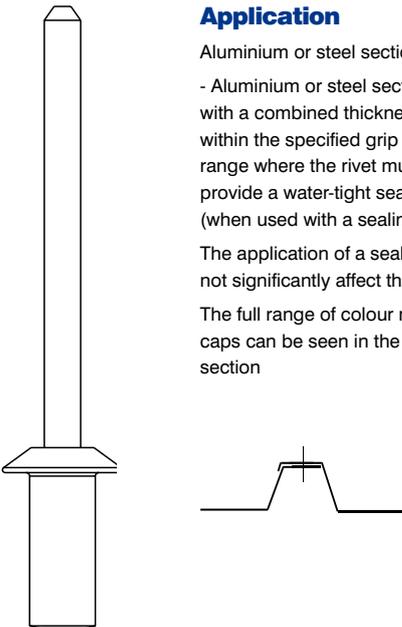
Ø x L mm	Rivet Info		Powder Coated Colours Available	Min Qty
	Max Grip Min ECT Max	Hole Size Min Max		
3.2 x 8	0.5 - 4.8	3.3 - 3.4	White	100
4.8 x 10	1.5 - 6.0	4.9 - 5.0	-	100

Order Example: D16 AL/V 4.8 x 16
 (When W is added the rivet is assembled with a sealing washer)

EJOT Closed End Rivets

Aluminium body incorporating a sealing ring and a steel mandrel.

CEAL/V



Application
 Aluminium or steel sections
 - Aluminium or steel sections with a combined thickness within the specified grip range where the rivet must provide a water-tight seal (when used with a sealing ring)
 The application of a sealing ring will not significantly affect the grip range.
 The full range of colour matched rivet caps can be seen in the accessories section

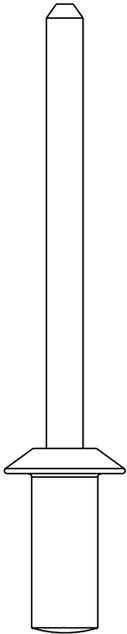
Ø x L mm	Rivet Info		Min Qty
	Max Grip Min ECT Max	Hole Size Min Max	
4.8 x 11.4	4.8 - 6.4	4.9 - 5.0	100
4.8 x 13.0	6.4 - 7.9	4.9 - 5.0	100
4.8 x 14.6	7.9 - 9.5	4.9 - 5.0	100

Order Example: CEAL/V 4.8 x 11.4 W
 (When W is added the rivet is assembled with a sealing washer)

EJOT Closed End Rivets

Aluminium body incorporating a sealing ring and a stainless steel mandrel.

CEAL/E

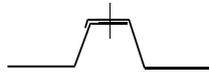


Application

Aluminium or steel sections
- Aluminium or steel sections with a combined thickness within the specified grip range where the rivet must provide a water-tight seal (when used with a sealing ring)

The application of a sealing ring will not significantly affect the grip range.

The full range of colour matched rivet caps can be seen in the accessories section



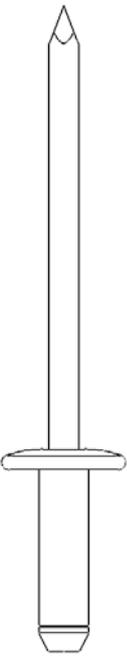
Ø x L mm	Rivet Info		Min Qty
	Max Grip Min ECT Max	Hole Size Min Max	
4.8 x 8.0	0.5 - 3.2	4.9 - 5.0	100
4.8 x 11.0	4.8 - 6.4	4.9 - 5.0	100
4.8 x 13.0	6.4 - 7.9	4.9 - 5.0	100
4.8 x 14.0	7.9 - 9.5	4.9 - 5.0	100

Order Example: CEAL/E 4.8 x 11.0 W
(When W is added the rivet is assembled with a sealing washer)

EJOT Coloured Rivets AL-V

Aluminium body with a low carbon steel mandrel. Powder coated to RAL and BS standards.

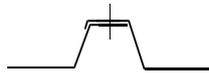
AL-V



Application

Aluminium or steel sections
- Aluminium or steel sections with a combined thickness within the specified grip range

For non standard colours please contact our sales department for availability



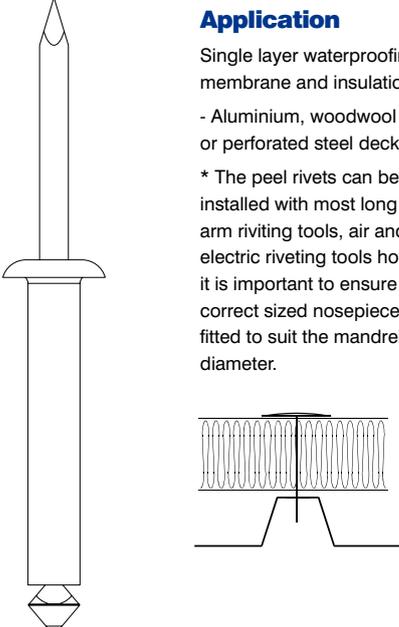
Ø x L mm	Rivet Info		Available Colours	Min Qty
	Max Grip Min ECT Max	Hole Size Min Max		
4.8 x 15	1.5 - 6.0	4.9 - 5.0	RAL/BS	100

Order Example: AL-V 4.8 x 15 RAL9002

EJOT Peel Rivets

Aluminium body with a galvanised steel mandrel. Designed to expand forming large individual claws on the underside of the application for maximum mechanical performance.

PR



Application
 Single layer waterproofing membrane and insulation
 - Aluminium, woodwool or perforated steel deck
 * The peel rivets can be installed with most long lever arm riveting tools, air and electric riveting tools however it is important to ensure the correct sized nosepiece is fitted to suit the mandrel diameter.

Ø x L mm	Rivet Info		Min Qty
	Max Grip Min ECT Max	Hole Size Min Max	
6.5 x 38	0.1 - 6.0	7.0	100
6.5 x 50	0.1 - 8.0	7.0	100
6.5 x 75	5.0 - 43.0	7.0	100
6.5 x 100	30.0 - 68.0	7.0	100
6.5 x 125	55.0 - 93.0	7.0	100
6.5 x 150	80.0 - 118.0	7.0	100
6.5 x 175	105.0 - 143.0	7.0	100
6.5 x 200	130.0 - 168.0	7.0	100
6.5 x 225	155.0 - 193.0	7.0	100
6.5 x 250	180.0 - 218.0	7.0	100

Order Example: PR 6.5 x 38

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

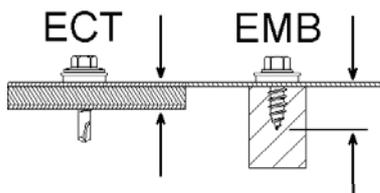
Accessories

Tools & Tooling
Accessories

EJOT Masonry Anchors



- **Product Group** A broad range of anchors to meet many applications within the building and construction industry. Lightweight and heavier details are all catered for with cost effective solutions.
- **Design** Purpose led designs to allow for fixing into a wide variety of substrates. A technical service is available to confirm suitability and performance for a particular application.
- **Assembly** EJOT self-tapping anchors and screw-set anchors can be assembled with bonded sealing washers as required for the application.
- **Finish** Anchors are available in both zinc plated carbon steel, A2 and A4 stainless steel.
- **Colour Matching** Hexagon head self-tapping and can be supplied with push-on plastic colour caps. Hex head self-tapping anchors may also be supplied with integral colour heads.



Effective Clamping Thickness

(ECT) is the total thickness of the build up to be fixed.

Embedment

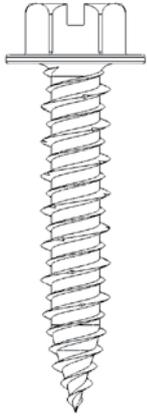
(EMB) figures relate to depth into substrate (not including clamp pieces).

EJOT Self-Tapping Masonry Anchors 4H

Hardened zinc plated carbon steel anchors for self-tapping into masonry.

4H

8mm AF



Application

Steel sections, brackets, tracking, etc

- Concrete, concrete blockwork and brick

A plain shank drill bit is included in every box of 100 pcs



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	Max			
6.3 x 32	25	32	35 - 45	0 - 7	100
6.3 x 45	25	35	35 - 45	10 - 20	100
6.3 x 57	25	35	35 - 45	22 - 32	100

Order Example: 4H - 32

Please note these products are not suitable for use in concrete with a high flint or pebble content.

Please refer to EJOT Technical Department for further information.

Other Sizes available on request.

EJOT Drill Bits

For self tapping masonry anchors.

CDR - 4

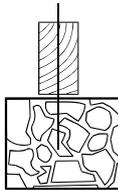


Application

For use with EJOT Self Tapping Masonry Anchors

Please note these products are not suitable for use in concrete with high pebble content.

Please refer to EJOT Technical Department for further information.



Ø x L mm	Overall Length	For Use With	Pack Quantity
	mm	mm	
CDR 4	110	4H	10
CDR 4L	140	4H	10
CDR 4EL	160	4H	10
SDS 4	135	4H	10
SDS 4L	205	4H	10

Order Example: CDR - 3

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

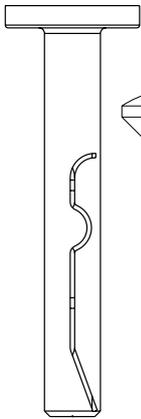
Accessories

Tools & Tooling Accessories

EJOT Hammer Set Anchor ND-K

Zinc plated carbon steel or A2 stainless steel spiralform nail with a nylon sleeve.

ND-K



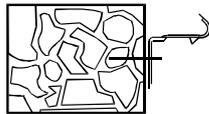
Application

PVC and metal sections

- Concrete, concrete blockwork, brick and perforated brick

Note: Always pre-drill the hole 10 mm deeper than the intended embedment

* These sizes available with a stainless steel nail



Ø x L mm	Embedment		Hole Dia mm	Clamping Thickness		Min Qty
	Min	EMB Max		Min	ECT Max	
6.0 x 35*	30	35	6	0	5	100
6.0 x 50*	25	45	6	5	25	100
6.0 x 55	25	45	6	5	25	100
6.0 x 70*	30	45	6	25	40	100
8.0 - 60*	50	60	8	0	10	50
8.0 - 80*	50	70	8	10	30	50
8.0 - 100*	40	70	8	30	60	50

Order Example: ND-K-6.0 x 35-V or E
(V = carbon steel nail, E = austenitic stainless steel nail)

EJOT Screw Set Anchor SDF-8

Zinc plated carbon steel or A4 stainless steel screw with nylon sleeve.

SDF-S

 T30

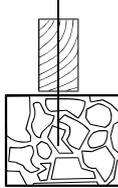


Application

Timber

- Concrete, concrete blockwork and brick

Note: Pre-drill the hole 10 mm deeper than the intended embedment



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness		Min Qty
	Min	EMB Max		Min	ECT Max	
8 x 80	50	60	8	20	30	100
8 x 100	50	60	8	40	50	100
8 x 120	50	60	8	60	70	100
8 x 140	50	60	8	80	90	100
8 x 160	50	60	8	100	110	100
8 x 180	50	60	8	120	130	100
8 x 200	50	60	8	140	150	100
8 x 220	50	60	8	160	170	100

Order Example: SDF-S-8 x 80-V or E
(V = carbon steel screw, E = austenitic stainless steel screw)

SDF-KB

 10mm AF



Application

Metal sections, brackets and tracking

- Concrete, concrete blockwork and brick

Note: Pre-drill the hole 10 mm deeper than the intended embedment



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness		Min Qty
	Min	EMB Max		Min	ECT Max	
8 x 60	50	60	8	0	10	100
8 x 80	50	60	8	20	30	100
8 x 100	50	60	8	40	50	100
8 x 120	50	60	8	60	70	100
8 x 140	50	60	8	80	90	100
8 x 160	50	60	8	100	110	100
8 x 180	50	60	8	120	130	100
8 x 200	50	60	8	140	150	100
8 x 220	50	60	8	160	170	100

Order Example: SDF-S-8 x 80-V or E
(V = carbon steel screw, E = austenitic stainless steel screw)

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

Tools & Tooling
Accessories

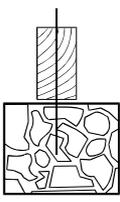
EJOT Screw Set Anchor SDF-10

Zinc plated carbon steel or A4 stainless steel screw with nylon sleeve.

SDF-S




Application
 Timber
 - concrete, concrete blockwork and brick where higher mechanical performance is required
 Note: Pre-drill the hole 10 mm deeper than the intended embedment



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness		Min Qty
	Min	Max		Min	Max	
10 x 60	50	60	10	0	10	100
10 x 80	50	60	10	20	30	100
10 x 100	50	60	10	40	50	100
10 x 120	50	60	10	60	70	100
10 x 140	50	60	10	80	90	100
10 x 160	50	60	10	100	110	100
10 x 180	50	60	10	120	130	100
10 x 200	50	60	10	140	150	100
10 x 220	50	60	10	160	170	100

Order Example: SDF-S-10 x 60-V or E
 (V = carbon steel screw, E = austenitic stainless steel screw)

SDF-KB




Application
 Metal sections, brackets and tracking
 - concrete, concrete blockwork and brick where higher mechanical performance is required
 Note: Pre-drill the hole 10 mm deeper than the intended embedment



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness		Min Qty
	Min	Max		Min	Max	
10 x 60	50	60	10	0	10	100
10 x 80	50	60	10	20	30	100
10 x 100	50	60	10	40	50	100
10 x 120	50	60	10	60	70	100
10 x 140	50	60	10	80	90	100
10 x 160	50	60	10	100	110	100
10 x 180	50	60	10	120	130	100
10 x 200	50	60	10	140	150	100
10 x 220	50	60	10	160	170	100

Order Example: SDF-KB-10 x 60-V or E
 (V = carbon steel screw, E = austenitic stainless steel screw)

EJOT Screw Set Anchor SDF-10U

Zinc plated carbon steel or A4 stainless steel screw with nylon sleeve.

SDF-S IOU

 T40



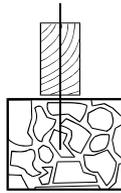
Application

Timber

- Concrete, concrete blockwork, no fines concrete, brick and perforated brick

Note: Pre-drill the hole 10 mm deeper than the intended embedment

* Not available in Stainless Steel



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	EMB Max			
10U x 80	70	80	10	0 - 10	100
10U x 100	70	80	10	20 - 30	100
10U x 120	70	80	10	40 - 50	100
10U x 140	70	80	10	60 - 70	100
10U x 160	70	80	10	80 - 90	100
10U x 180	70	80	10	100 - 110	100
10U x 200	70	80	10	120 - 130	100
10U x 220	70	80	10	140 - 150	100

Order Example: SDF-S-10U x 80-V or E
(V = carbon steel screw, E = austenitic stainless steel screw)

SDF-KB IOU

 13mm AF



Application

Metal sections, brackets and tracking

- Concrete, concrete blockwork, no fines concrete, brick and perforated brick

Note: Pre-drill the hole 10 mm deeper than the intended embedment



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	EMB Max			
10U x 80	70	80	10	0 - 10	100
10U x 100	70	80	10	20 - 30	100
10U x 120	70	80	10	40 - 50	100
10U x 140	70	80	10	60 - 70	100
10U x 160	70	80	10	80 - 90	100
10U x 180	70	80	10	100 - 110	100
10U x 200	70	80	10	120 - 130	100
10U x 220	70	80	10	140 - 150	100

Order Example: SDF-KB-10U x 80-V or E
(V = carbon steel screw, E = austenitic stainless steel screw)

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

Tools & Tooling
Accessories

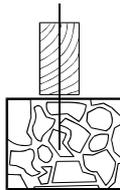
EJOT Screw Set Anchor SDF-10L

Zinc plated carbon steel or A4 stainless steel screw with nylon sleeve.

SDF-S IOL




Application
 Timber
 - Honeycomb brick
 Note: Pre-drill the hole 10 mm deeper than the intended embedment



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	Max			
10L x 100	90	100	10	0 - 10	100
10L x 120	90	100	10	20 - 30	100
10L x 140	90	100	10	40 - 50	100
10L x 160	90	100	10	60 - 70	100
10L x 180	90	100	10	80 - 90	100
10L x 200	90	100	10	100 - 110	100
10L x 220	90	100	10	120 - 130	100

Order Example: SDF-S-10L x 100-V or E
 (V = carbon steel screw, E = austenitic stainless steel screw)

SDF-KB IOL




Application
 Metal sections, brackets
 and tracking
 - Honeycomb brick
 Note: Pre-drill the hole 10 mm deeper than the intended embedment



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	Max			
10L x 100	90	100	10	0 - 10	100
10L x 120	90	100	10	20 - 30	100
10L x 140	90	100	10	40 - 50	100
10L x 160	90	100	10	60 - 70	100
10L x 180	90	100	10	80 - 90	100
10L x 200	90	100	10	100 - 110	100
10L x 220	90	100	10	120 - 130	100

Order Example: SDF-KB-10L x 100-V or E
 (V = carbon steel screw, E = austenitic stainless steel screw)

EJOT Screw Set Anchor SDF-14U

Zinc plated carbon steel or A4 stainless steel screw with nylon sleeve.

SDF-S - 14U

 T40



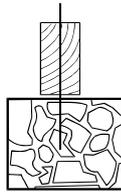
Application

Timber

Concrete, concrete blockwork, brick and perforated brick where a greater bending moment is required

Note: Pre-drill the hole 10 mm deeper than the intended embedment

Not available in Stainless Steel



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	EMB Max			
14U x 80	70	80	14	0 - 10	50
14U x 100	70	80	14	20 - 30	50
14U x 120	70	80	14	40 - 50	50
14U x 140	70	80	14	60 - 70	50
14U x 160	70	80	14	80 - 90	50
14U x 180	70	80	14	100 - 110	50
14U x 200	70	80	14	120 - 130	50
14U x 220	70	80	14	140 - 150	50

Order Example: SDF-S-14U x 80-V or E
(V = carbon steel screw, E = austenitic stainless steel screw)

SDF - KB - 14U

 17mm AF



Application

Metal sections, brackets and tracking

- Concrete, concrete blockwork, brick and perforated brick where a greater bending

Note: Pre-drill the hole 10 mm deeper than the intended embedment

Not available in Stainless Steel



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	EMB Max			
14U x 80	70	80	14	0 - 10	50
14U x 100	70	80	14	20 - 30	50
14U x 120	70	80	14	40 - 50	50
14U x 140	70	80	14	60 - 70	50
14U x 160	70	80	14	80 - 90	50
14U x 180	70	80	14	100 - 110	50
14U x 200	70	80	14	120 - 130	50
14U x 220	70	80	14	140 - 150	50

Order Example: SDF-KB-14U x 80-V or E
(V = carbon steel screw, E = austenitic stainless steel screw)

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

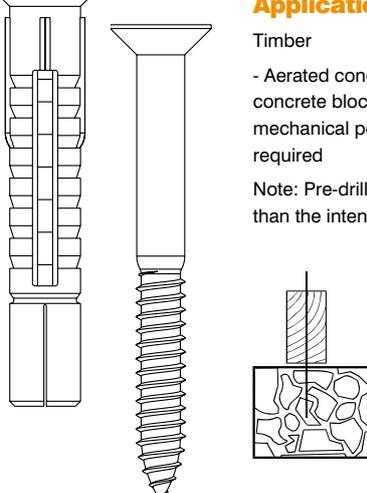
Accessories

Tools & Tooling
Accessories

EJOT Screw Set Anchor SDP-10S

Zinc plated carbon steel or A4 stainless steel screw with nylon sleeve.

SDP-S - 10S

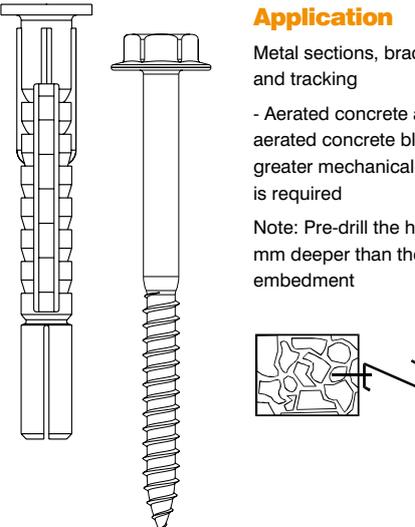



Application
 Timber
 - Aerated concrete and aerated concrete blocks where greater mechanical performance is required
 Note: Pre-drill the hole 10mm deeper than the intended embedment

Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	Max			
10S x 80	70	80	10	0 - 10	100
10S x 100	70	80	10	20 - 30	100
10S x 120	70	80	10	40 - 50	100
10S x 140	70	80	10	60 - 70	100
10S x 160	70	80	10	80 - 90	100
10S x 180	70	80	10	100 - 110	100
10S x 200	70	80	10	120 - 130	100
10S x 220	70	80	10	140 - 150	100

Order Example: SDP-S-10S x 80-V or E
 (V = carbon steel screw, E = austenitic stainless steel screw)

SDP-KB - 10S

Application
 Metal sections, brackets and tracking
 - Aerated concrete and aerated concrete blocks where greater mechanical performance is required
 Note: Pre-drill the hole 10 mm deeper than the intended embedment

Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	Max			
10S x 80	70	80	10	0 - 10	100
10S x 100	70	80	10	20 - 30	100
10S x 120	70	80	10	40 - 50	100
10S x 140	70	80	10	60 - 70	100
10S x 160	70	80	10	80 - 90	100
10S x 180	70	80	10	100 - 110	100
10S x 200	70	80	10	120 - 130	100
10S x 220	70	80	10	140 - 150	100

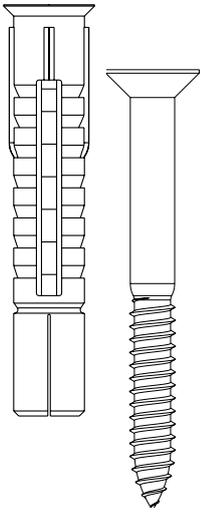
Order Example: SDP-KB-10S x 80-V or E
 (V = carbon steel screw, E = austenitic stainless steel screw)

EJOT Screw Set Anchor SDP-14

Zinc plated carbon steel or A4 stainless steel screw with nylon sleeve.

SDP-S

T40

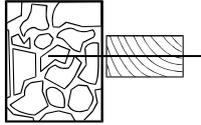


Application

Timber

- Aerated concrete and aerated concrete blocks where a greater bending moment is required

Note: Pre-drill the hole 10 mm deeper than the intended embedment

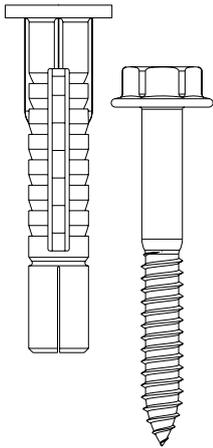


Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	Max			
14 x 80	70	80	14	0 - 10	50
14 x 100	70	80	14	20 - 30	50
14 x 120	70	80	14	40 - 50	50
14 x 140	70	80	14	60 - 70	50
14 x 160	70	80	14	80 - 90	50
14 x 180	70	80	14	100 - 110	50
14 x 200	70	80	14	120 - 130	50
14 x 220	70	80	14	140 - 150	50

Order Example: SDP-S-14 x 80-V or E
(V = carbon steel screw, E = austenitic stainless steel screw)

SDP-KB

17mm AF



Application

Metal sections, brackets and tracking

- Aerated concrete and aerated concrete blocks where a greater bending moment is required

Note: Pre-drill the hole 10 mm deeper than the intended embedment



Ø x L mm	Embedment		Hole Depth mm	Clamping Thickness Min ECT Max	Min Qty
	Min	Max			
14 x 80	70	80	14	0 - 10	50
14 x 100	70	80	14	20 - 30	50
14 x 120	70	80	14	40 - 50	50
14 x 140	70	80	14	60 - 70	50
14 x 160	70	80	14	80 - 90	50
14 x 180	70	80	14	100 - 110	50
14 x 200	70	80	14	120 - 130	50
14 x 220	70	80	14	140 - 150	50

Order Example: SDP-KB-14 x 80-V or E
(V = carbon steel screw, E = austenitic stainless steel screw)

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

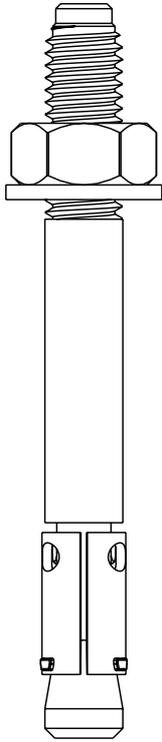
Accessories

Tools & Tooling
Accessories

Zinc Plated Stud Anchor

Torque controlled throughbolt anchor.

T

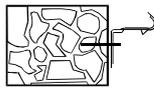


Application

Brackets, cladding restraints, balustrading, handrails, industrial doors, etc.
- Concrete over 20 N/mm² compressive strength

Please note hole diameter is equal to the bolt diameter.

Austenitic stainless steel product is also available - see over page



Ø x L mm	Hole Diameter mm	Max Fixture Depth mm	Minimum Hole Depth mm	Min Qty
6 x 45	6	10	41	100
6 x 55	6	20	41	100
6 x 85	6	50	41	100
8 x 50	8	10	48	100
8 x 90	8	50	48	100
8 x 130	8	90	48	100
10 x 65	10	10	60	100
10 x 75	10	25	60	100
10 x 90	10	45	60	100
10 x 140	10	90	60	50
12 x 75	12	10	72	50
12 x 100	12	40	72	50
12 x 120	12	45	72	50
12 x 140	12	80	72	50
12 x 180	12	120	72	25
16 x 90	16	10	91	25
16 x 125	16	45	91	25
16 x 150	16	55	91	25
16 x 175	16	95	91	10
20 x 120	20	20	115	10
20 x 160	20	60	115	10
20 x 215	20	115	115	10

Order Example: T - 6 x 45

Approved Loads - C20/C25 Concrete									
Anchor mm	Ø Thread mm	Emb mm	Clearance Hole mm	Min Centre Spacing mm	Min Edge Distance mm	Min Structure Thickness mm	Rec. Tensile Load kN	Rec. Shear Load* kN	Rec. Clamping Torque Nm
6	M6	50	7	123	70	100	3.0	2.3	6
8	M8	55	9	135	85	100	4.5	3.4	10
10	M10	65	12	162	90	108	5.8	6.0	28
12	M12	80	14	200	100	132	7.2	7.4	34
16	M16	110	18	270	135	180	14.0	12.5	85
20	M20	123	22	309	230	206	16.5	15.0	166

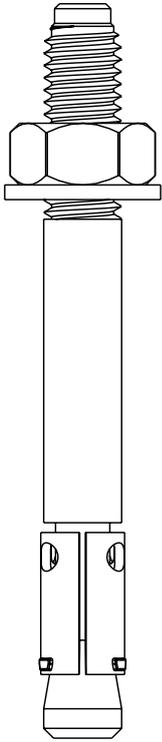
Approved Loads - C20/C25 Concrete									
Anchor mm	Ø Thread mm	Emb mm	Clearance Hole mm	Min Centre Spacing mm	Min Edge Distance mm	Min Structure Thickness mm	Rec. Tensile Load kN	Rec. Shear Load* kN	Rec. Clamping Torque Nm
6	M6	32	7	70	50	50	1.8	2.8	10
8	M8	35	9	75	50	50	2.1	4.9	20
10	M10	45	12	105	55	70	3.3	6.8	35
12	M12	60	14	140	70	95	5.2	8.6	50
16	M16	75	18	165	85	110	6.8	14.4	155
20	M20	85	22	195	100	130	8.7	27.4	355

* Shear loads are remote from a free edge M6 to M20 BBA Approved Loads

Stainless Steel Stud Anchor

Grade A4 stainless steel torque controlled throughbolt anchor.

T

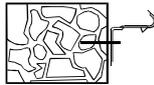


Application

Brackets, cladding restraints, balustrading, handrails, industrial doors, etc, where A4 stainless steel is required.

- Concrete over 20 N/mm² compressive strength.

Please note hole diameter is equal to the bolt diameter.



Ø x L mm	Hole Diameter mm	Max Fixture Depth mm	Minimum Hole Depth mm	Min Qty
6 x 55SS	6	20	41	100
8 x 50SS	8	10	48	100
8 x 70SS	8	30	48	100
8 x 100SS	8	60	48	100
8 x 130SS	8	90	48	100
10 x 60SS	10	10	60	50
10 x 95SS	10	45	60	50
10 x 120SS	10	70	60	25
12 x 70SS	12	10	72	25
12 x 100SS	12	40	72	25
12 x 120SS	12	60	72	25
12 x 140SS	12	80	72	25
16 x 90SS	16	10	91	25
16 x 125SS	16	45	91	25
16 x 175SS	16	95	91	25

Order Example: T - 6 x 55 SS

Approved Loads - Deep Embedment

Anchor mm	Ø Thread mm	Emb mm	Clearance Hole mm	Min Centre Spacing mm	Min Edge Distance mm	Min Structure Thickness mm	Rec. Tensile Load kN	Rec. Shear Load* kN	Rec. Clamping Torque Nm
6	M6	43	7 - 8	100	50	70	2.8	2.0	10
8	M8	56	9 - 10	140	70	90	4.3	3.9	20
10	M10	66	11 - 12	165	85	110	6.8	6.8	45
12	M12	79	13 - 14	195	100	130	8.5	9.4	75
16	M16	115	17 - 18	285	145	190	15.4	23.3	185

Approved Loads - Deep Embedment

Anchor mm	Ø Thread mm	Emb mm	Clearance Hole mm	Min Centre Spacing mm	Min Edge Distance mm	Min Structure Thickness mm	Rec. Tensile Load kN	Rec. Shear Load* kN	Rec. Clamping Torque Nm
6	M6	32	7 - 8	7	50	50	1.8	2.0	10
8	M8	35	9 - 10	75	50	50	2.1	3.9	20
10	M10	45	11 - 12	105	55	70	3.3	6.8	45
12	M12	60	13 - 14	140	70	95	5.2	9.4	75
16	M16	75	17 - 18	165	85	110	6.8	23.3	185

* Shear loads are remote from a free edge M6 to M20 BBA Approved Loads

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

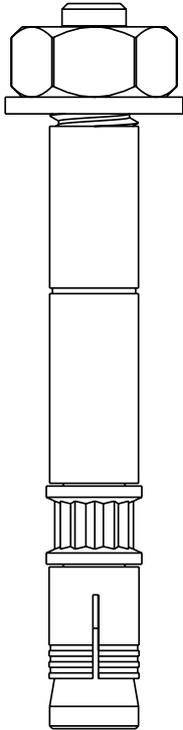
Accessories

Tools & Tooling Accessories

Zinc Plated Heavy Duty Anchor HDP

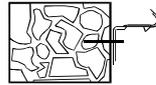
Torque controlled heavy duty anchor.

HDP 6 / 10



Application

For fixing Structural steel columns, steel beams, steel bollards, and industrial doors
 - concrete over 20 N/mm² compressive strength.
 A4 stainless steel product is also available Please contact EJOT for availability



Thread Ø mm	Clamp Length mm	Hole Diameter mm	Anchor Length mm	Max Fixture Thickness mm	Min Qty
6	/ 10	10	65	10	40
6	/ 25	10	80	25	40
6	/ 50	10	110	50	40
8	/ 10	12	85	10	40
8	/ 25	12	95	25	40
8	/ 50	12	120	50	40
10	/ 10	14	95	10	20
10	/ 25	14	105	25	20
10	/ 50	14	135	50	20
12	/ 10	18	107	10	10
12	/ 25	18	122	25	10
12	/ 50	18	152	50	10
16	/ 10	24	134	10	10
16	/ 25	24	154	25	10
16	/ 50	24	174	50	10
20	/ 30	28	180	30	6
20	/ 50	28	200	50	6
24	/ 30	32	197	30	4
24	/ 60	32	236	60	4

Order Example: HDP 6 / 10

HDP - Technical Information									
Anchor mm	Ø Thread mm	Emb mm	Clearance Hole mm	Min Centre Spacing mm	Min Edge Distance mm	Min Structure Thickness mm	Rec. Tensile Load kN	Rec. Shear Load* kN	Rec. Clamping Torque Nm
10	M6	55	12	135	110	90	4.3	4.6	10
12	M8	70	14	180	150	120	6.4	7.8	25
14	M10	85	16	210	175	140	9.4	11.4	50
18	M12	90	20	240	200	160	14.3	20.4	80
24	M16	125	26	300	250	200	23.0	34.0	180
28	M20	145	30	375	320	250	30.4	47.1	400
32	M24	167	36	440	390	300	45.2	79.6	525

Loads are for concrete of compressive strength 30 N/mm²

Stud Mix Capsules

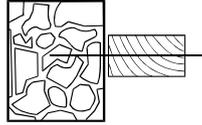
Glass capsules containing epoxy acrylate resin which is broken and mixed by the drive action of EJOT Studs.

EJSMC



Application

Timber and metal sections
- Concrete, solid brickwork and stone.



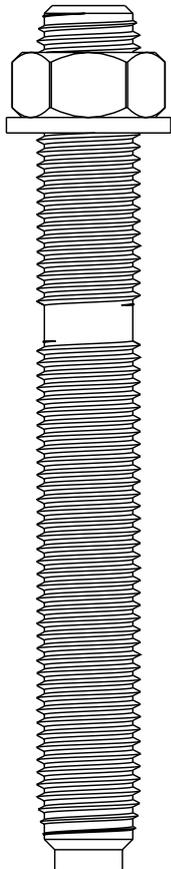
Code No./ Thread Ø	Anchor Length mm	Hole Dia mm	Minimum Hole Depth mm	Min Qty
08	80	10	80	10
10	80	12	90	10
12	95	14	110	10
16	95	18	125	10
20	175	25	170	6
24	210	28	210	6
30	265	35	280	6

Order Example: EJSMC 08

Studs

Zinc plated and yellow passivated carbon steel, or A4 grade stainless steel.

EJSMC



Application

Use with EJOT resin and glass capsule systems

- substrates detailed with the resin and capsule systems

Hot dip galvanised studs also available. Refer to EJOT's Technical Department

Please refer to EJOT technical department for advice on the setting tool required.



Stud ø mm	Length mm	Minimum Embedment mm	Hole Dia mm	Clamping Thickness mm	Min Qty
M8	x 110	80	10	18	40
M10	x 130	90	12	25	40
M12	x 160	110	14	34	40
M16	x 190	125	18	45	40
M20	x 260	170	25	55	40
M24	x 300	210	28	55	40
M30	x 380	280	35	55	20

Order Example: EJ M8 x 110 Z / SS
(Z = carbon steel, SS = austenitic stainless steel)

Pumped Resin System

Two component resin in a dual cartridge with a mixer nozzle.

EJPOLY-RESIN

Application

For fixing Timber and metal sections
- Concrete, brick, perforated brick and stonework

Code	Description	Min Qty
EJPOLY-RESIN	380 ml Cartridge of Polyester Resin c/w 1 x EJPMIXER Nozzle	1
Order Example: EJPOLY-RESIN		

Resin/Capsule Accessories

A range of accessories for the EJOT Resin and Glass Capsule anchor systems.

EJPMIXER

Application

Use with EJOT resin and glass capsule systems

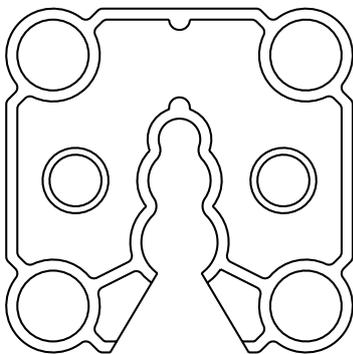


Code	Description	Min Qty
EJPMIXER	Additional mixer nozzle for use with the pumped resin system - working length 130 mm	1
EJPMIXER-L	Additional mixer nozzle for use with the pumped resin system - working length 250 mm	1
EJBUMP	Plastic and metal blow-pump for clearing holes prior to fixing	1
EJ101GUN	Steel hand gun for dispensing polyester resin	1
EJM10	Wire / Nylon brush for hole size: 10mm	1
EJM16	Wire / Nylon brush for hole size: 16mm	1
EJM30	Wire / Nylon brush for hole size: 30mm	1
Order Example: EJPMIXER		

EJOT Adjustment Packers

Square polyamid packing shims designed to snap onto various EJOT fasteners.

AS



Application

Panels and rails
- Various substrates in conjunction with EJOT fasteners

Thickness mm	Colour	Size mm x mm	Min Qty
1	Light Yellow	50 x 50	100
2	Light Green	50 x 50	100
3	Green	50 x 50	100
5	Yellow	50 x 50	100
8	Orange	50 x 50	100
10	Light Blue	50 x 50	100
15	Black	50 x 50	100
30	Blue	50 x 50	100
Order Example: AS - 10			

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

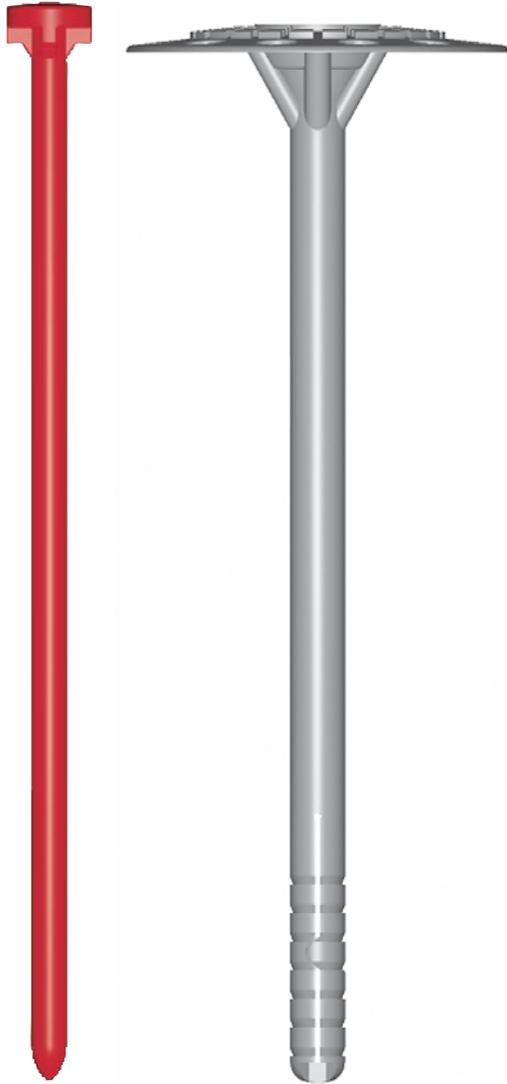
Masonry
Anchors

External
Wall Anchors

Accessories

Tools & Tooling
Accessories

EJOT External Wall Anchors

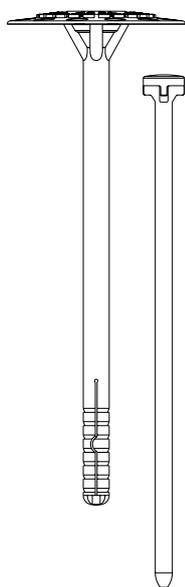


- **Product Group** A range of insulation anchors to meet today's requirements in the external wall industry. Fulfilling a broad range of applications, all substrates are catered for from concrete to structural steelwork.
- **Design** These products incorporate engineered washer designs for maximum render adhesion plus features for the effective prevention of moisture transfer providing excellent corrosion resistance. They are produced from high quality polypropylene and polyamide for outstanding performance, durability and longevity.
- **Assembly** EJOT external wall insulation anchors are all pre-assembled for ease of use and rapid installation on site.
- **Finish** Product length is clarified by a colour coding system of the centre pin providing simple on-site identification.

EJOT External Wall Insulation Anchors IDK-T 8/60

Polypropylene body with plastic expansion pin.

IDK-T



Application

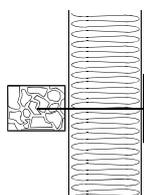
Insulation

- Concrete and brickwork

This product is also available with a 55 mm expansion zone.

Code: IDK 8/60_L x L,
Embedment: 55 mm,
Hole Depth: 65 mm

This product should be specified where the compressive strength of the substrate is low



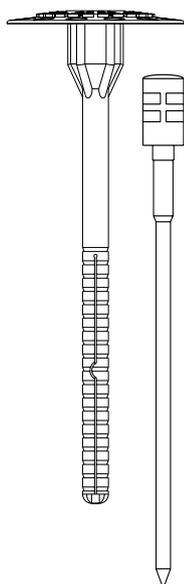
Body/ Washer Ø x L mm	EMB mm	Hole Dia. mm	Pin Colour	Hole Depth mm	Insulation mm	Min Qty
8/60 x 75	35	8	Red	45	40	200
8/60 x 95	35	8	Beige	45	60	200
8/60 x 115	35	8	Yellow	45	80	200
8/60 x 135	35	8	Light Green	45	100	200
8/60 x 155	35	8	White	45	120	200
8/60 x 175	35	8	Orange	45	140	200

Order Example: IDK-T 8/60 x 75

EJOT External Wall Insulation Anchors TID-T 8/60

Polypropylene body with plastic headed, zinc plated carbon steel expansion pin.

TID-T



Application

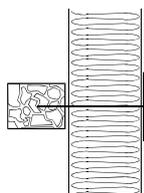
Insulation

- Concrete and brickwork

This product is also available with a 55 mm expansion zone.

Code: IDK 8/60_L x L,
Embedment: 55 mm,
Hole Depth: 65 mm

This product should be specified where the compressive strength of the substrate is low



Body/ Washer Ø x L mm	EMB mm	Hole Dia. mm	Pin Colour	Hole Depth mm	Insulation mm	Min Qty
8/60 x 75	35	8	Red	45	40	200
8/60 x 95	35	8	Beige	45	60	200
8/60 x 115	35	8	Yellow	45	80	200
8/60 x 135	35	8	Light Green	45	100	200
8/60 x 155	35	8	White	45	120	200
8/60 x 175	35	8	Orange	45	140	100
8/60 x 195	35	8	Brown	45	160	100
8/60 x 215	35	8	Blue	45	180	100
8/60 x 235	35	8	Maroon	45	200	100
8/60 x 255	35	8	Green	45	220	100
8/60 x 275	35	8	White	45	240	100
8/60 x 295	35	8	Grey	45	260	100

Order Example: TID-T 8/60 x 75

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

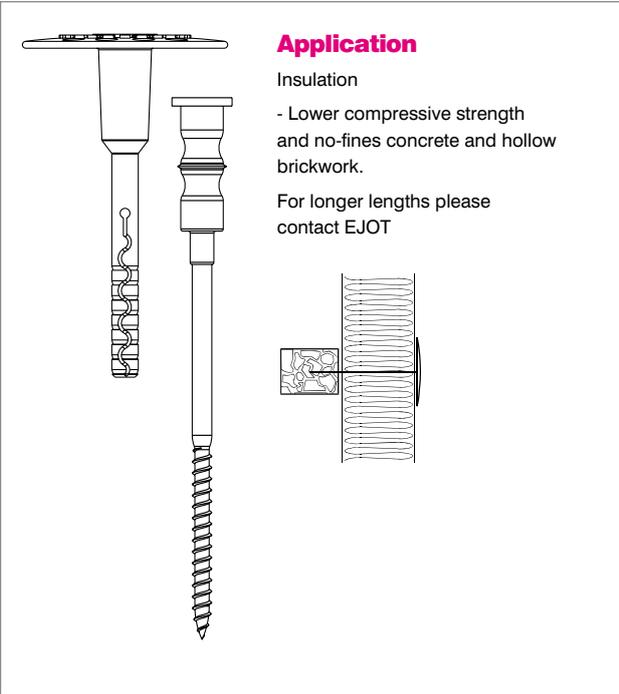
Accessories

Tools & Tooling
Accessories

EJOT External Wall Insulation Anchors SDM-T plus 8/60U

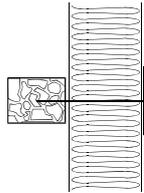
Polyamid body with plastic headed, zinc plated, carbon steel drive screw with a long expansion zone.

SDM-T plus 8/60U



Application

Insulation
 - Lower compressive strength and no-fines concrete and hollow brickwork.
 For longer lengths please contact EJOT



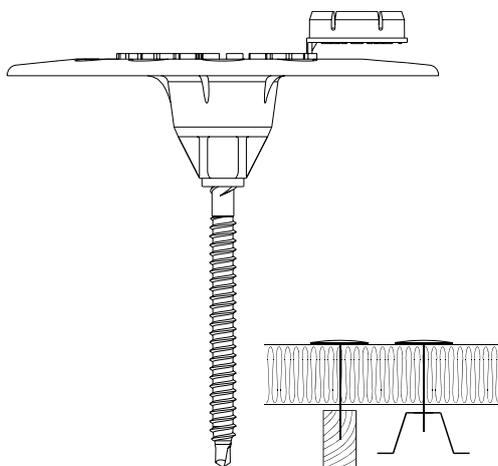
Body/ Washer Ø x L mm	EMB mm	Hole Dia. mm	Pin Colour	Hole Depth mm	Insulation mm	Min Qty
8/60U x 120	70	8	Beige	80	50	100
8/60U x 140	70	8	Yellow	80	70	100
8/60U x 160	70	8	Light Green	80	90	100
8/60U x 180	70	8	Black	80	110	100
8/60U x 200	70	8	Brown	80	130	100
8/60U x 220	70	8	Blue	80	150	100
8/60U x 240	70	8	Green	80	170	100
8/60U x 260	70	8	White	80	190	100
8/60U x 280	70	8	Grey	80	210	100
8/60U x 300	70	8	Orange	80	230	100
8/60U x 320	70	8	Light Blue	80	250	100
8/60U x 340	70	8	Maroon	80	270	100

Order Example: SDM-T plus 8/60U x 120

EJOT External Wall Insulation Anchors SBH-T

Polyamide capped washer tube, with Climadur coated carbon steel fastener.

SBH-T



Application

Insulation

- Plywood, oriented strand board (OSB), timber, cement particle board (check with EJOT Technical), and steel sheet 0.7 - 1.2 mm thick.

Please note: 8 mm Hex Drive

For timber: Anchor length = Insulation Thickness + Embedment of 40 mm

For sheathing panels: Anchor length = insulation thickness + sheathing panel thickness + protrusion of 20 mm

Can be supplied assembled or unassembled

∅ Washer / Tube Length x L mm / mm mm	Embedment into timber mm	Protrusion from Sheathing Layer mm	Fastner Length mm	Min Qty
65 / 25 x 70	40	20	60	100
65 / 25 x 90	40	20	80	100
65 / 25 x 100	40	20	90	100
65 / 25 x 110	40	20	100	100
65 / 25 x 120	40	20	110	100
65 / 25 x 130	40	20	120	100
65 / 25 x 140	40	20	130	100
65 / 25 x 150	40	20	140	100
65 / 25 x 160	40	20	150	100
65 / 25 x 170	40	20	160	100
65 / 25 x 180	40	20	170	100
65 / 25 x 190	40	20	180	100
65 / 25 x 210	40	20	200	100
65 / 25 x 230	40	20	220	100
65 / 25 x 250	40	20	240	100
65 / 25 x 270	40	20	260	100

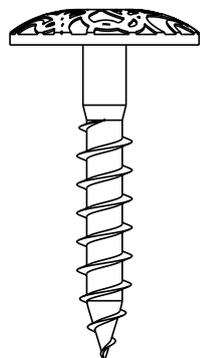
Order Example: SBH-T 65/25 x 70

EJOT Insulation Support Anchors DDS

One-piece zinc plated, hardened carbon steel anchor with integral 25mm plastic washer face.

DDS

 TX30

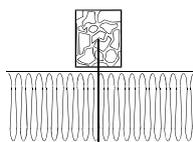


Application

Soffit liner and acoustic insulation boards, etc.

- Concrete, concrete blockwork and brickwork

Plastic washer face is available in White or Beige, please specify when ordering.



This anchor can be used in conjunction with Ejot Dot Spreader Washer zinc coated 70mm steel washer

Body ∅ x L mm	EMB mm	Hole Dia. mm	Hole Depth mm	Insulation Thickness mm	Min Qty
7.3 x 50	20	6	35	30	100
7.3 x 75	20	6	35	55	100
7.3 x 100	20	6	35	80	100
7.3 x 125	20	6	35	105	100
7.3 x 150	20	6	35	130	100
7.3 x 175	20	6	35	155	100
7.3 x 200	20	6	35	180	100

Order Example: DDS 7.3 x 50

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

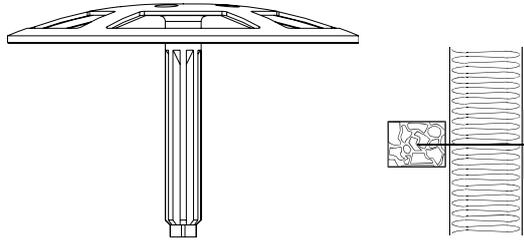
Accessories

Tools & Tooling Accessories

EJOT Insulation Support Anchors DH

One-piece, hammer-set, polyethylene drive-in anchor with 90mm washer face.

DH



Application

Mineral wool insulation to be covered by a facade
 - Concrete, concrete blockwork and brickwork

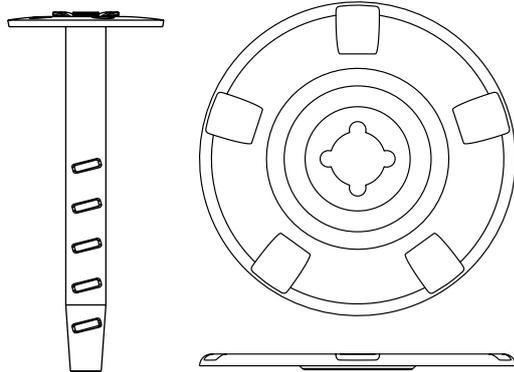
Body Ø x L mm	EMB mm	Hole Dia. mm	Body Colour mm	Hole Depth mm	Insulation		Min Qty
					min	max	
8 x 60	20 - 30	8	White	40	30 - 40	350	
8 x 80	20 - 30	8	White	40	50 - 60	300	
8 x 100	20 - 30	8	White	40	70 - 80	250	
8 x 120	20 - 30	8	White	40	90 - 100	250	
8 x 140	20 - 30	8	White	40	110 - 120	200	
8 x 160	20 - 30	8	White	40	130 - 140	150	

Order Example: DH 8 x 60

EJOT Firewall Insulation Support Anchors TID-M

Aluzinc coated, hammer-set, carbon steel tubular bodied anchor.

TID-M



Application

Insulation on fire barrier details
 - Concrete, concrete blockwork and brickwork
 This anchor can be used in conjunction with EJOT TID-TS, 80 mm, aluzinc coated carbon spreader washer.

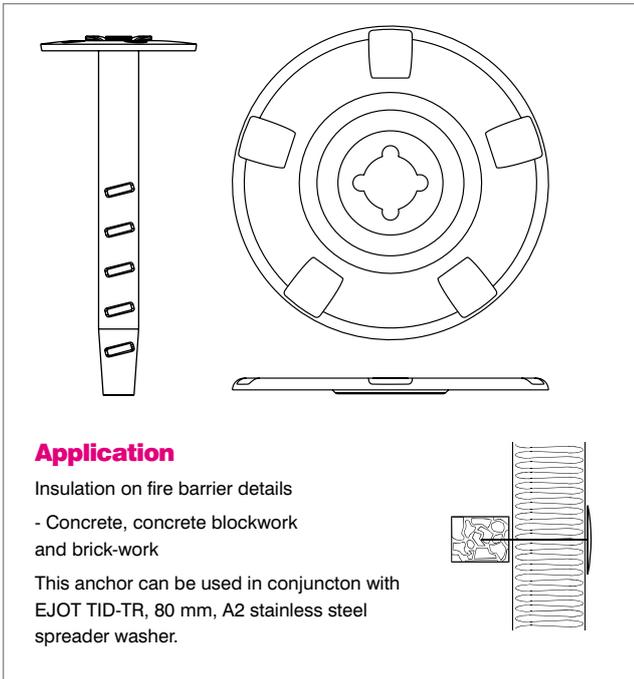
Body/ Washer Ø x L mm	Embedment mm	Hole Dia. mm	Hole Depth mm	Insulation Thickness mm	Min Qty
8/35 x 80	50	8	60	0 - 30	250
8/35 x 110	50	8	60	30 - 60	250
8/35 x 140	50	8	60	60 - 90	250
8/35 x 170	50	8	60	90 - 120	250
8/35 x 200	50	8	60	120 - 150	250
8/35 x 250	50	8	60	150 - 200	250

Order Example: TID-M 8/35 x 80
 Order Example: TID-TS

EJOT Firewall Insulation Support Anchors TID-MR

A2 Stainless steel, hammer-set, tubular bodied anchor.

TID-MR



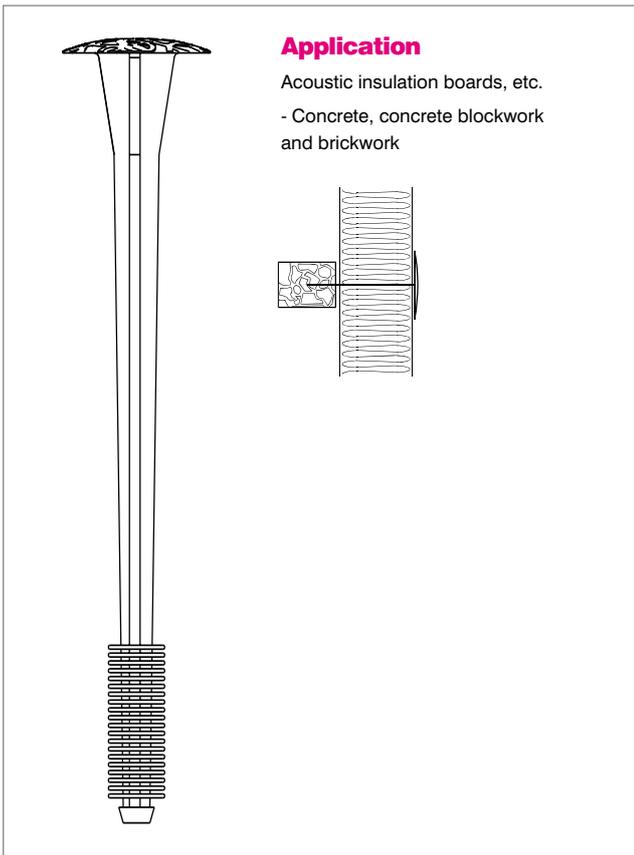
Body/ Washer Ø x L mm	Embedment mm	Hole Dia. mm	Hole Depth mm	Insulation Thickness mm	Min Qty
8/35 x 80	50	8	60	0 - 30	250
8/35 x 110	50	8	60	30 - 60	250
8/35 x 140	50	8	60	60 - 90	250
8/35 x 170	50	8	60	90 - 120	250
8/35 x 200	50	8	60	120 - 150	250
8/35 x 250	50	8	60	150 - 200	250

Order Example: TID-MR 8/35 x 80
 Order Example: TID-TR

EJOT Insulation Support Anchors DDA

One piece, hammer set, polyamide drive-in anchor with 25mm washer face.

DDA



Body/ Washer Ø x L mm	Embedment mm	Hole Dia. mm	Hole Depth mm	Insulation Thickness mm	Min Qty
8/25 x 50	25	8	35	25	400
8/25 x 75	25	8	35	50	400
8/25 x 100	25	8	35	75	400
8/25 x 125	25	8	35	100	400
8/25 x 150	25	8	35	125	400
8/25 x 175	25	8	35	150	400

Order Example: DDA 8/25 x 50

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

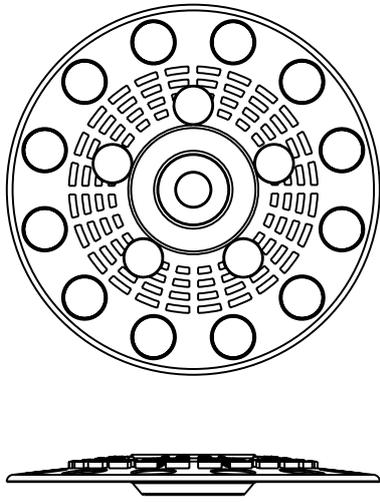
Accessories

Tools & Tooling
Accessories

EJOT Insulation Washer - IT

Polyamide disc washer.

IT



Application

Insulation

- Various substrates in conjunction with EJOT fasteners

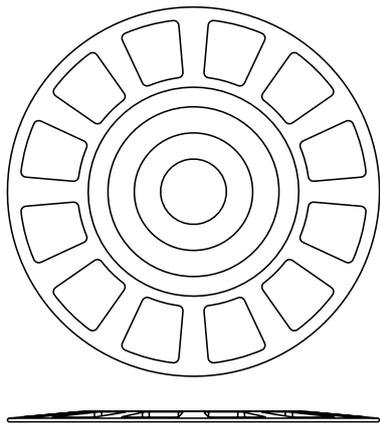
Hole/Washer Ø x L mm	Colour	For Use With	Min Qty
IT/S 5/60	Yellow	VHT/2, TKR & TKE	100
IT/Z 8/60	Red	SDF-S 8	100
IT/K 8/60	Blue	SDF-KB 8, DSD-K 8	100

Order Example: IT/S 5/60

EJOT Insulation Washer - SBL

Polyamide disc washer.

SBL



Application

Lamella insulation

- Various substrates when used with our IDK, TID, SDM, SPM and SBHT external wall anchor systems.

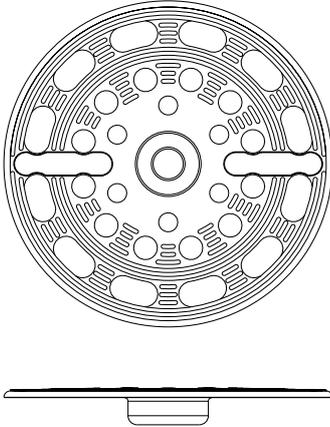
Ø mm	Colour	Min Qty
140 plus	White	100
110 plus	Whitw	100

Order Example: SBL 140 plus

EJOT Insulation Washer - SBV

Glass reinforced nylon tube washer.

SBV



Application

Insulation

- Steelwork in conjunction with the appropriate EJOT fastener

Product supplied with a cover cap.

Ø mm	Colour	For Use With	Min Qty
90	White	Hex head EJOT fasteners	100
Order Example: SBV 90			

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

Tools & Tooling
Accessories

EJOT Fastener Accessories



- **Product Group** This range of products has been designed for use with EJOT fasteners to provide the overall needs of the contractor with regard to the fastener element on most roofing applications.

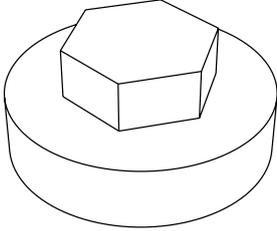
- **Design** Both screw and rivet caps should always be used to provide additional corrosion resistance and weathering to fasteners, in addition to the aesthetic needs of the structure.

Steel and plastic spacers are for use in current liner panel construction methods.

EJOT Push-on Caps

Injection moulded nylon caps for hexagon head fasteners, colour matched to suit your application and provide long-term additional corrosion resistance.

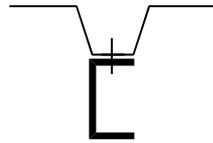
EPC



Application

Colour matching and protection of hexagon headed fasteners

For non-standard colours or 3/8-A/F please contact our sales department for availability



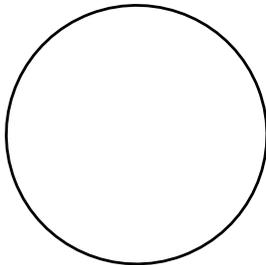
	Max Washer dia mm	To suit head size A/F mm	Available Colours	Min Qty
16	16.0	8.0	RAL/BS	1000
19	19.0	8.0	RAL/BS	1000
29	29.0	8.0	RAL/BS	1000

Order Example: EPC 16 RAL 9001

EJOT Rivet Caps

Injection moulded nylon caps for rivets, colour matched to suit your application and provide long-term additional corrosion resistance.

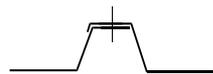
EPR



Application

Colour matching and protection of EJOT rivets

For non-standard colours please contact our sales department for availability



To Suit Rivet mm	Available Colours	Min Qty
Bulb-tite, D11	RAL/BS	1000
V,N,AL/E,AL/V	RAL/BS	1000

Order Example: EPR 1 RAL9001

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

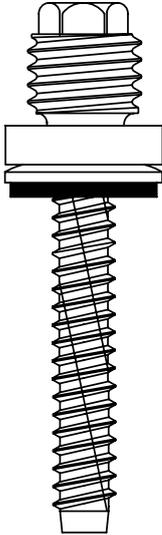
Tools & Tooling Accessories

EJOT Universal Scaffolding Anchor GU

GU-Threaded Sleeve, Austenitic Stainless Steel EJOT self tapping fasteners JZ3.

JZ3-GU

 3/8 AF



Application

Steel Structure over 2mm
 - Aluminium Structure
 3 mm and over

Ø x L mm	Threaded Sleeve mm	Screw Length mm	Sealing Washer	Min Qty
6.3 x 15	M14 x 1.5	38	S16	50
6.3 x 30	M14 x 1.5	50	S16	50
6.3 x 45	M14 x 1.5	64	S16	50
6.3 x 70	M14 x 1.5	90	S16	50
6.3 x 80	M14 x 1.5	100	S16	50
6.3 x 95	M14 x 1.5	115	S16	50
6.3 x 105	M14 x 1.5	125	S16	50
6.3 x 130	M14 x 1.5	150	S16	50
6.3 x 155	M14 x 1.5	175	S16	50
6.3 x 180	M14 x 1.5	200	S16	50
6.3 x 210	M14 x 1.5	230	S16	50

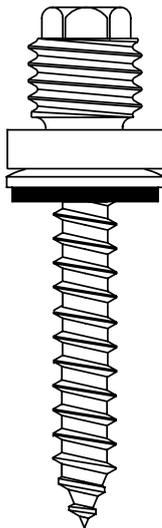
Order Example: JZ3-GU-6.3 x 15 S16

EJOT Universal Scaffolding Anchor GU

GU-Threaded Sleeve, Austenitic Stainless Steel EJOT self tapping fasteners JA3.

JA3-GU

 3/8 AF



Application

Timber
 - Steel Structure
 under 2 mm

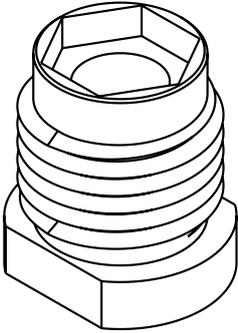
Ø x L mm	Threaded Sleeve mm	Screw Length mm	Sealing Washer	Min Qty
6.5 x 55	M14 x 1.5	75	S16	50
6.5 x 70	M14 x 1.5	90	S16	50
6.5 x 80	M14 x 1.5	100	S16	50
6.5 x 95	M14 x 1.5	115	S16	50
6.5 x 105	M14 x 1.5	125	S16	50
6.5 x 130	M14 x 1.5	150	S16	50
6.5 x 155	M14 x 1.5	175	S16	50
6.5 x 180	M14 x 1.5	200	S16	50
6.5 x 155	M14 x 1.5	175	S16	50
6.5 x 180	M14 x 1.5	200	S16	50

Order Example: JA3-GU-6.5 x 55 S16

EJOT GU Threaded Sleeve - Universal Scaffold Anchor

Austenitic stainless steel threaded sleeve for use with the GU Eyebolt.

GU Threaded Sleeve



Application

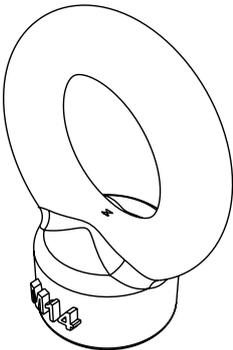
Securing scaffolding during metal construction works when used in conjunction with the 3/8in head JZ3 and JA3 fasteners

Ø mm	Sleeve Length mm	Thread Type mm	Material	Min Qty
M14	18.0	M14	Stainless Steel	50
Order Example: GU Threaded Sleeve				

EJOT GU Eyebolt - Universal Scaffold Anchor

Forged zinc plated carbon steel eyebolt.

GU Threaded Sleeve



Application

Securing scaffolding during metal construction works

Ø mm	Ø Eyebolt mm	Thread Type mm	Material	Min Qty
GU Eyebolt M14	25.0	M14	Carbon Steel	50
GT Stainless Steel Eyebolt M10	25.0	M10	Stainless Steel	50
GT Carbon Steel Eyebolt M10	25.0	M10	Carbon Steel	50
Order Example: GU Threaded Sleeve				

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

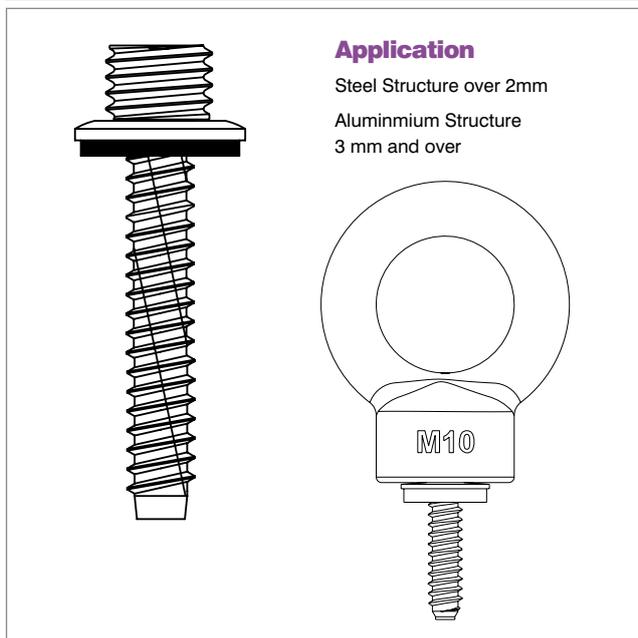
Accessories

Tools & Tooling Accessories

EJOT Universal Scaffolding Anchor

Forged zinc plated carbon steel eyebolt.

JZ3 - GT



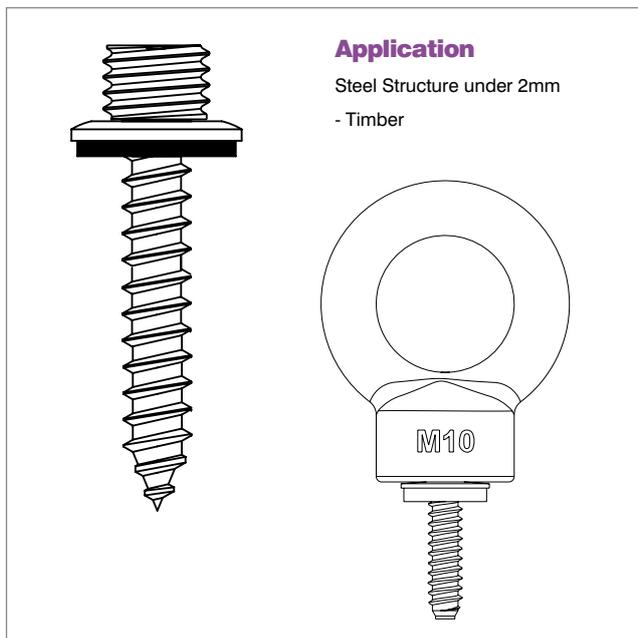
Application

Steel Structure over 2mm
 Aluminium Structure
 3 mm and over

	Anchor Thread mm	Screw Length mm	Sealing Washer	Min Qty
6.3 x 25	M10	25	E16	50
6.3 x 64	M10	64	E16	50
6.3 x 100	M10	100	E106	50

Order Example: JZ3 - GT - 6.3 x 25 E16

JA3 - GT



Application

Steel Structure under 2mm
 - Timber

	Anchor Thread mm	Screw Length mm	Sealing Washer	Min Qty
6.3 x 32	M10	32	E16	50
6.3 x 64	M10	64	E16	50

Order Example: JA3 - GT - 6.5 x 32 E16

DEKTITE® Square Base

A range of Ethylene Propylene Diene Monomer (EPDM) external pipe flashings.

DFE



Application

Watertight sealing around external pipes and vents.

The high grade EPDM material will withstand temperatures of -50°C to +115°C with inter-mittent temperatures up to 150°C.



	For Pipe Dia mm	Base Dimensions mm	For Roof Pitch Angle (deg)	Colour
0-35B	0.0 - 35.0	99.0 x 99.0	0 - 60°	Black
5-55B	5.0 - 55.0	137.0 x 137.0	0 - 45°	Black
50-70B	50.0 - 70.0	178.0 x 178.0	0 - 45°	Black
5-120N	70.0 - 120.0	218.0 x 218.0	0 - 45°	Black
110-170B	110.0 - 160.0	284.0 x 284.0	0 - 45°	Black
160-220B	160.0 x 220.0	365.0 x 365.0	0 - 45°	Black
160-300B	220.0 - 300.0	453.0 x 453.0	0 - 45°	Black
290-400B	290.0 - 380.0	581.0 x 581.0	0 - 45°	Black

Order Example: DFE 0 - 35

STRESS ISOLATION POINTS

Unique to DEKTITE®, two flexible shoulders absorb distortion and stop transfer of stresses from base to cone, as unit is formed over roof profile

FLEXIBLE CONE SLEEVE

Familiar DEKTITE® cone shape is retained to eliminate seal breakdown due to vibration or expansion and contraction, while isolation of pipe from sheeting dampens noise levels.

EASILY IDENTIFIED SIZING

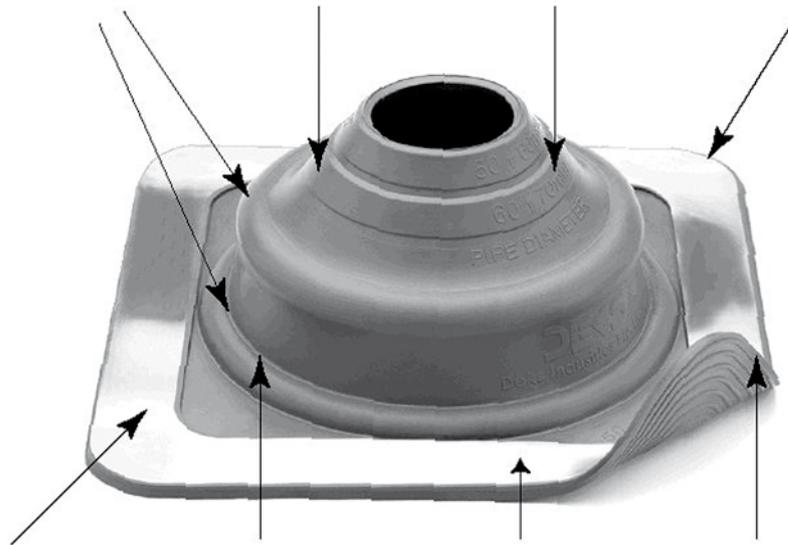
Pipe diameter rings are clearly marked on the cone sleeve (metric and imperial) for cutting to match the appropriate pipe diameter

LOW PROFILE DESIGN

Sleek, less obtrusive shape is designed to minimise silhouette on roof line, while managing to provide generous internal clearance for steep angular installations.

New improved design

- Square base fits any hole
- No pleat allowing water to run cleanly off
- New, sleek low profile look to improve the aesthetic of any roof
- Cutting guides are present down the cone to ensure correct compression against your pipe
- Unique annular rings under-neath the flexible aluminium base provide a key for the silicone to bond



BONDED ALUMINIUM FLANGE

Corrosion-resistant, malleable flange, evenly distributes fastening pressure and allows ease of hand-shaping on most sheet profiles.

INTEGRITY OF FLASHING SHAPE

Minimal distortion after installation, maintains natural flashing shape and seal around pipe, water run-off is improved and 'puddling' eliminated.

LARGE BASE AREA

For better coverage of penetration cut-out and improved performance over steep roof pitches and a wider variety of cladding profiles

IMPROVED WATERPROOFING

Designed to strengthen sealant bond and improve waterproofing, the proven ribbed base now has added protection with an angled skirting edge helping shed moisture and contributing to a superior waterproofing seal.

DEKS Industries are phasing out Silicone

Tests have shown that for wood combustion heaters or domestic gas heaters there is no need to stand the extra expense of silicone. An active pipe with any form of passive casing, insulated or otherwise, has been shown to reach a maximum temperature of only 112.6°C. Therefore EPDM can be specified for the vast majority of applications with absolute confidence.

For a full information sheet on these tests and the DEKS re-recommendations please contact EJOT's Technical Department.

DEKTITE® Retrofit™

A range of Ethylene Propylene Diene Monomer (EPDM) external pipe flashings.

RF



Application

Watertight sealing around external pipes and vents where the flashing needs to go around, not over.

The high grade EPDM material with withstand temperatures of - 50°C to + 115°C with intermittent temperatures up to 150°C.



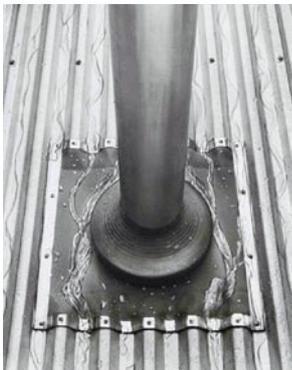
	For Pipe Dia mm	Base Diameter mm	For Roof Pitch Angle (deg)	Colour
RF 801	20.0 - 70.0	160.0	0 - 40°	Grey
RF 802	50.0 - 185.0	273.0	0 - 40°	Grey
RF 803	85.0 - 255.0	369.0	0 - 40°	Grey

Order Example: RF 801

DEKTITE® Soaker and DEKTITE® Retrofit™ Soaker™

A range of Ethylene Propylene Diene Monomer (EPDM) external pipe flashings.

DF



Application

Watertight sealing around external pipes and vents where the pipe spans several corrugations and damming needs to be considered.

The high grade EPDM material with withstand temperatures of - 50°C to + 115°C with intermittent temperatures up to 150°C.

* It should be noted that for a 60° Pitch, do not cut below the first three sizing ribs on the 602, 603, 605 and 606



	For Pipe Dia mm	Base Dimensions mm	For Roof Pitch Angle (deg)	Colour
DF 602	75.0 - 155.0	410.0 x 630.0	0 - 60° *	Grey
DF 603	114.0 - 254.0	485.0 x 460.0	0 - 60° *	Grey
DF 605	255.0 - 406.0	708.0 x 635.0	0 - 60° *	Grey
DF 606	380.0 - 610.0	1015.0 x 905.0	0 - 60° *	Grey
RFS 4	235.0 - 425.0	780.0 x 680.0	0 - 40° *	Grey

Order Example: DF 603

Key: DF - DEKTITE® Soaker™
RFS - DEKTITE® Retrofit™ Soaker™

Expandable Edge Dekstrip®

An EPDM roll with two expandable aluminium edges to suit almost any profile.

DS



Application

Flashing square ducts, skylights and chimneys where a DEKTITE® is not practical or available

The high grade EPDM material will withstand temperatures of -50°C to +115°C with intermittent temperatures up to 150°C.



	Roll Width mm	Roll Length mm	Colour
DS 23-180	180	23	Grey
DS 10-125	235	10	Grey
DS 10-305	305	10	Grey
DS 15-450	450	15	Grey

Order Example: DSF 23-80

THE EXPANDING EDGE

Encases an 'S' shaped aluminium strip in both edges for easy forming to many profiles. Produces a drain effect in three dimension installations



EJOT Pipe Flashing Fixing Kits

Ensuring quick and easy fixing of the EJOT Pipe Flashing range.

Standard kit / Soaker kit

Standard kit comprises:

- 25 - Colorfast Fixing Screws
- 1 - 80 ml Tube Silicone Sealant
- 1 - Fitting Instruction Leaflet

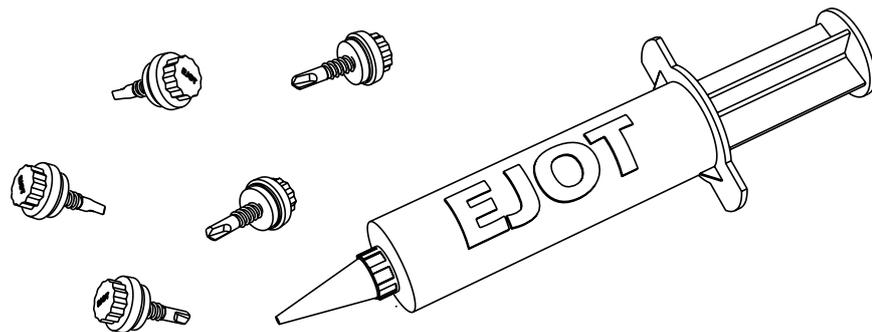
Order Example: EJDK25

Soaker kit comprises:

- 65 - Colorfast Fixing Screws
- 3 - 80 ml Tube Silicone Sealant
- 1 - Fitting Instruction Leaflet

For: DFE 290-380 RFS4, DF605 & DF606

Order Example: EJDK65

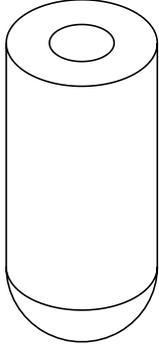


For further information on any flashing products, including installation instructions and technical benefits, please contact EJOT's Technical Department

EJOT Plastic Sleeve

Flexible white plastic sleeve for use over the tip of self-drilling and self-tapping screws.

EPP



Application

Protecting the point of self-drilling and self-tapping screws.

* EPP can be used to protect the points of Ø4.8 & Ø5.5 diameter fasteners

Dimensions			Min Qty
Order Code mm	Length mm	Bore Dia mm	
EPP 3.0 x 10	10	3.0	100
EPP 3.5 x 10	10	3.5	100
EPP 4.0 x 10	10	4.0	100
EPP 4.5 x 10	10	4.5	100
EPP 5.0 x 10	10	5.0	100
EPP 5.5 x 10	10	5.5	100
EPP 4.5 x 25	25	4.5	100
EPP 4.5 x 35	35	4.5	100

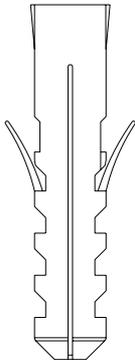
Order Example: EPP

EJOT Nylon Plugs

Expansion plug manufactured from high quality Polyamid.

Designed to resist rotation during driving whilst offering superior weather and ageing resistance.

Brown Plug



Application

Various clamp pieces

- Concrete, masonry, natural stone, sand lime bricks and lightweight concrete

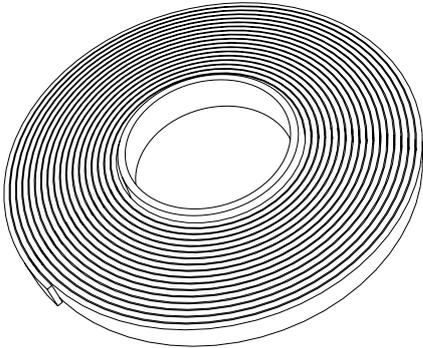
Ø x L mm	Application Information			Min Qty
	Drill ø/ Plug ø mm	Hole Depth mm	Screw ø Min Max	
DNP 7 x 30	7.0	40.0	4.0 - 5.0	100
DNP 6 x 30	6.0	35	3.5 - 5.0	100
DNP 8 x 40	8.0	45	5.0 - 6.0	100
DNP 10 x 50	10.0	55	6.0 - 8.0	100

Order Example: Brown Plug 7 x 30

DGR 30 Butyl Sealant

Class A Butyl strip sealant.

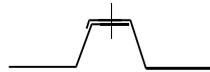
DGR 30



Application

Use in lap situations with metal profiled sheeting

DWR 10 higher performance class A also available.



Width mm X Thick mm	Application Information	
	Length mm	Colour mm
1.5 x 9.0	30	Grey
1.5 x 12.0	30	Grey
2.0 x 6.0	22.5	Grey
2.0 x 12.0	22.5	Grey
2.5 x 19.0	22.5	Grey
3.0 x 9.0	15	Grey
3.0 x 12.0	15	Grey
3.0 x 19.0	15	Grey
3.0 x 25.0	15	Grey
3.0 x 50.0	5	Grey
5.0 x 6.0	9.6	Grey
6.0 x 12.0	8	Grey
4mm bead	12	Grey
6mm bead	8	Grey
8mm bead	6	Grey
4mm x 18mm U	12	Grey
5mm x 22mm U	9.6	Grey

Order Example: DGR 30 6x5x9.6m

Gun Applied Sealants

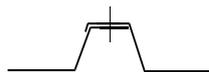
Gun applied silicone and butyl based sealants.

LMA Silicone



Application

General sealing of laps and junctions and pointing off joints.



	Cartridge size ml	Chemical Base	Colour	Min Qty
LMN Silicone	310	Silicone	Translucent	1
LMN Silicone	310	Silicone	White	1
Premseal BR	400	Butyl	Grey	1

Order Example: HP400 - LMN White

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

Tools & Tooling Accessories

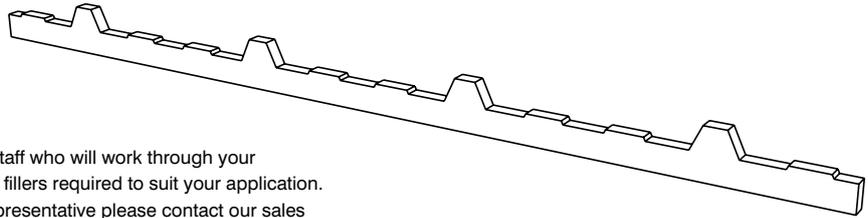
Polyethylene and EPDM Foam Fillers

Fillers cut to suit all profiles and variations.

Application

Sealing eaves and ridge of profiled metal sheets

Please contact one of our Technical Sales staff who will work through your re-quirements and provide full details of the fillers required to suit your application. For details of your local Technical Sales Representative please contact our sales department.



Closed Cell EPDM Foam Tape

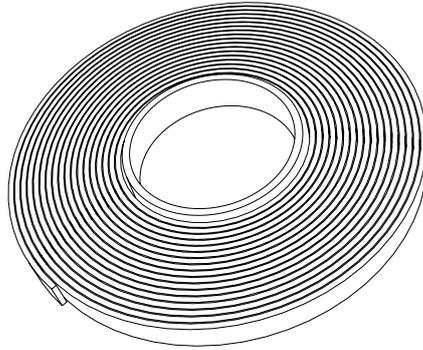
A high performance, white, EPDM foam tape.

EPDM Foam Tape

Application

Use in side and end lapsituations for rooflights or metal sheets where specified

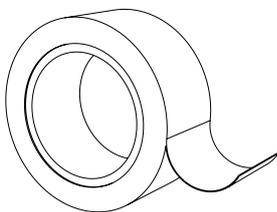
Contact customer services for available sizes.



PVC Barrier Tape

PolyVinylChloride Barrier tape for barrier protection between dissimilar metals.

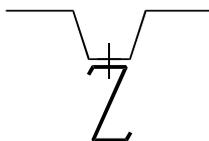
PVC Barrier Tape



Application

Forming a barrier between purlin and sheet where metals are dissimilar, e.g. an aluminium sheet on a galvanised steel zed

Other sizes are available on request. Please contact EJOT Sales for details

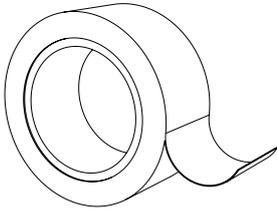


Width mm	Length m	Min Qty
50	33	1
Order Example: PVC Barrier Tape		

Liner Panel Sealants

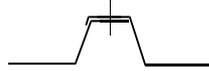
Aluminium foil tape.

Aluminium Foil Tape



Application

General sealing of liner panels to form a vapour check

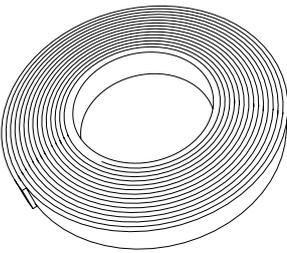


Width mm x L mm	Application Information		Min Qty
	Length Micron	Application Type	
50 x 45	40	Self-Adhesive	1
50 x 45	30	Release paper	1

Order Example: Aluminium Foil Tape 50x45

Moisture Vapour Tape

SWRP 10 MVT



Application

High performance sealing of side laps of metal liner panels

We are unable to split boxes therefore a single box is the min order quantity

Width mm x L mm	Application Information			Min Qty
	Length Micron	Film	Strip	
50 x 1	35	Clear	White	1

Order Example: SWRP10 50x1

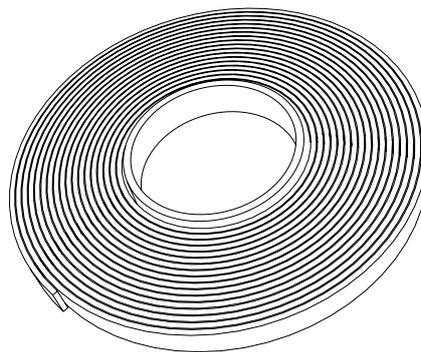
EJOT Precompressed Impregnated Polyurethane Foam Tape

Expanding Foam Tape.

Application

Sealing expansion joints

A range of sizes are available. Please contact EJOT's Technical department to determine the correct compressed and expanded size to suit your application.



EJOT Tools and Tooling Accessories



- **Product Group** With the vast amount of research and development invested in the design and manufacture of EJOT fasteners to provide optimum performance, the installation tools used are of prime importance to the correct function of these fasteners.
- **Design** The tools and accessories offered in this range have been designed specifically for use with EJOT fasteners to give correct installation features such as driving speed, torque, etc. as well as maximum consideration to the fixer.

Fein Power Screwdriver

Powerful screwdriver incorporating a depth-locating nosepiece ideal for installing EJOT self-drilling fasteners.

Fein Screwdriver



Application

Fastening of self drilling screws upto Ø6.3 mm diameter.

Technical Data:

Voltage:	110 V
Rated Power:	600 W
Power Output:	310 W
Free running speed:	0 - 2000 rpm
Laden speed:	0 - 1300 rpm
Weight:	1.9 kg

Product Features:

- Variable speed trigger to aid installation
- Depth Locator for precise tightening and installation with guaranteed repeatability
- Internal bush guides drive sockets for accurate drilling
- Forward/reverse switch
- Motor shielded to prevent interference with other equipment
- Changeable nosepieces to avoid surface damage

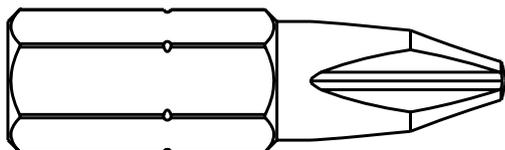
Order Example: TE1

Supplied with:

- 1 x 8mm magnetic one piece socket
- 1 x 11mm Bi-Hex one piece socket
- 1 x Standard depth sensing nosepiece
- 1 x Depth sensing nosepiece for Bi-Hex fasteners

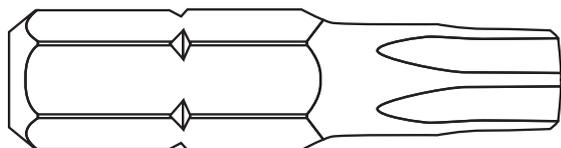
EJOT Driving Accessories

Phillips Drive Bits



Code and Type	Bit type	Usage
P2 Drive bit	Phillips 2	With mag bit holder
P2 Drive bit 50mm	Phillips 2	Direct into screwgun
P2 Drive bit 100mm	Phillips 2	Direct into screwgun
P2 Drive bit 150mm	Phillips 2	Direct into screwgun
P2 Drive bit 200mm	Phillips 2	Direct into screwgun
P3 Drive Bit	Phillips 3	With mag bit holder
Pozi 2 Drive bit	Pozi 2	With mag bit holder

Torx Drive Bits



Code and Type	Bit type	Usage
T 20	Torx 20	With mag bit holder
T 20 Wedge	Torx 20 W	With mag bit holder
T 25	Torx 25	With mag bit holder
T 25 Wedge	Torx 25 W	With mag bit holder
T 30	Torx 30	With mag bit holder
T 30 Wedge	Torx 30W	With mag bit holder
T 40	Torx 40	With mag bit holder
T 25 Wedge x 127mm	Torx 20	Direct into screwgun

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

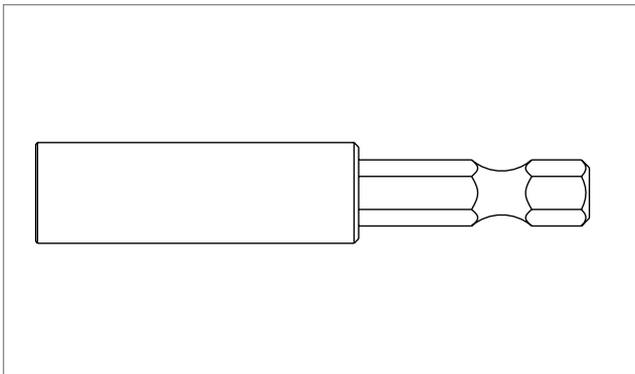
External Wall Anchors

Accessories

Tools & Tooling Accessories

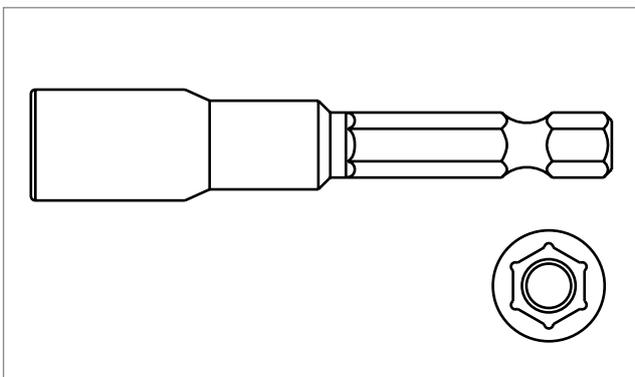
EJOT Driving Accessories

Magnetic Drive Bit Holders



Code and Type	Description
Magnetic bit Holder 60mm	1/4" bit holder with magnet & clip
Magnetic bit Holder 150mm	1/4" bit holder with magnet & clip

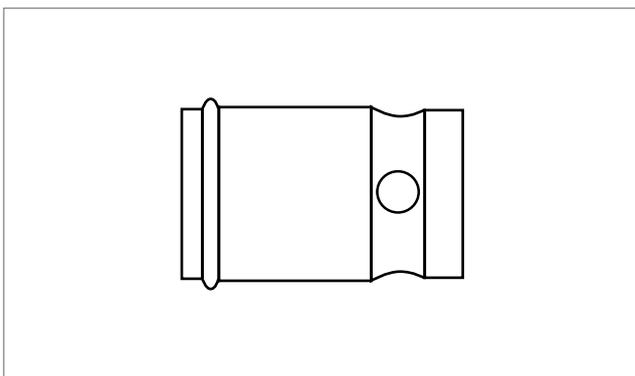
Drive Sockets (One Piece)



Code and Type	Description
8mm Magnetic Hex One Piece Socket	8mm hex with magnet
8mm Clip Hex One Piece Socket	8mm hex with clip
11mm Bi Hex One Piece Socket	11mm bi hex for colorfast
3/8" Magnetic Hex One Piece Socket	3/8" hex with magnet
10mm Clip Hex One Piece Socket	10mm hex with clip

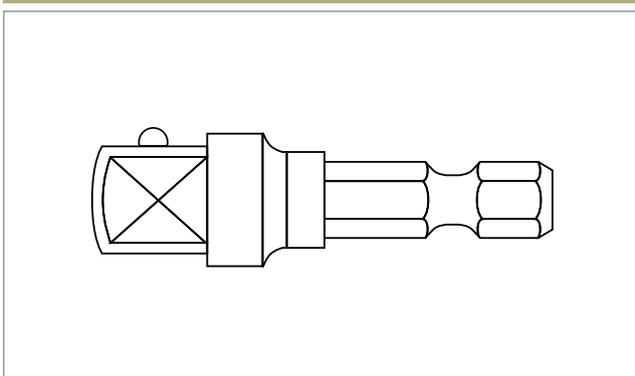
Use with magnetic drive bit holders to extend length.

Drive Sockets (Clip on)



Code and Type	Description
8mm Hex Socket 1/4" Drive	8mm hex for male extension bar

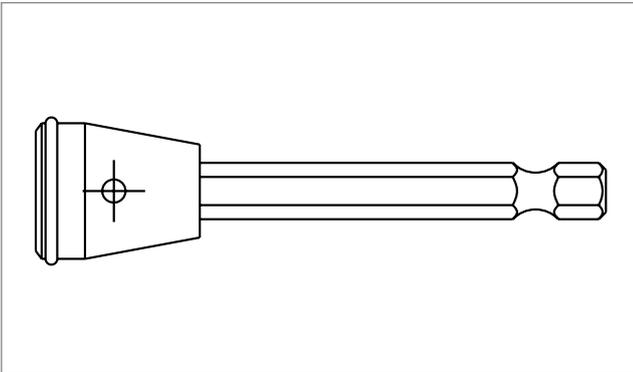
Extension Bars



Code and Type	Description
100mm Extension Bar Male 1/4"	bar for clip on socket
150mm Extension Bar Male 1/4"	bar for clip on socket
200mm Extension Bar Male 1/4"	bar for clip on socket

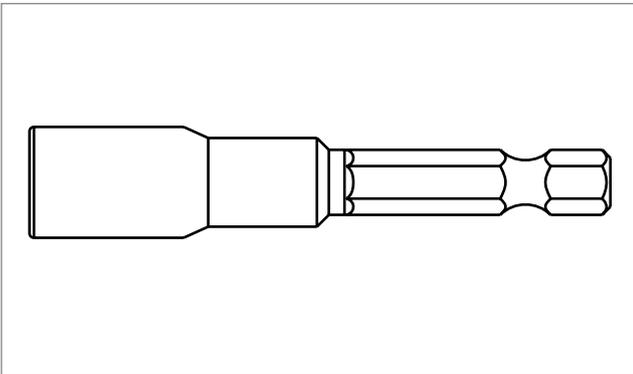
EJOT Driving Accessories

FR Driving System



Code and Type	Description
FR Drive Tool (Complete)	complete driving tool for FR screws
FR Drive Tool Spare Bit	spare bit

Sockets and drive bars for EJOT Anchors



Code and Type	Description
10mm Hex One Piece Socket	socket for plastic anchors
13mm Hex One Piece Socket	socket for plastic anchors

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

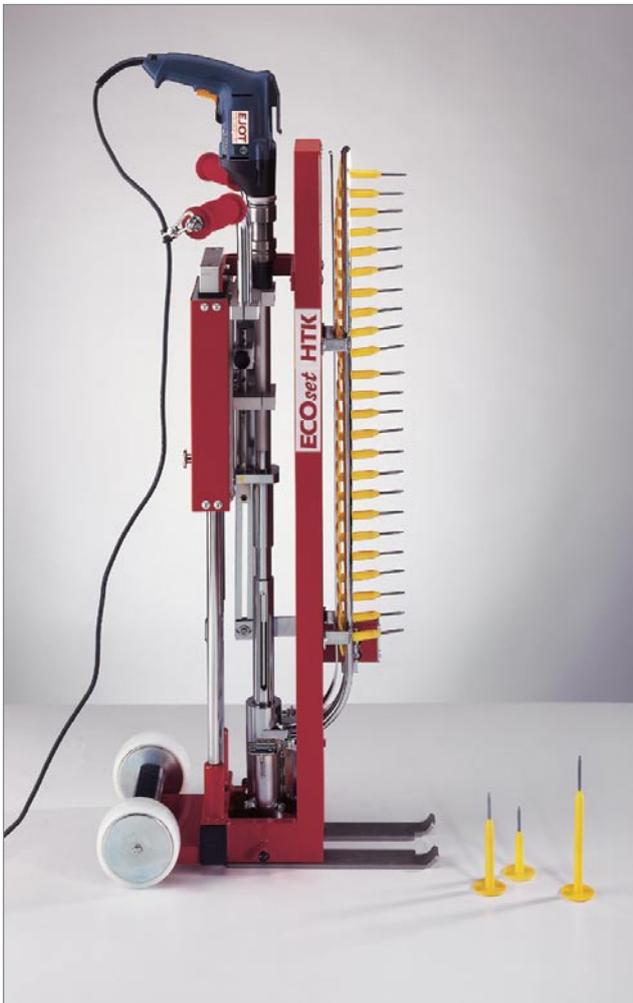
Accessories

Tools & Tooling Accessories

EJOT ECOset HTK

Stand-up flat roofing tool for the application of EJOT HTK-Dabo® fasteners in mechanical fixing of insulation and membrane.

ECOset HTK



Application

Fixing of insulation thickness upto 260 mm with preassembled HTK/TKR fastener and tube washer in a magazine of 25pcs

Technical Data:

Supplied with Fein screwgun
(see individual technical data)

Overall Weight: 28 kg

Product Features:

- Fast installation with 25pcs of the combined HTK TKR fastener and tube washer pre-assembled in a magazine
- Easy adjustment for fixing different tube lengths
- Depth control on machine prevents under and over driving of fasteners
- Ergonomic operation as installer maintains an upright body position
- Telescope system of fixing prevents membrane damage by foot traffic
- Minimal cold-bridging

Order Example: ECOset HTK

ECOset HTK will be provided as a complete tool with Fein screwgun, 110 V plug, M6 x 35 bit and depth locator, tools, 2.5 m cable, and operating manual.



Exact depth locator prevents stripping of screws



Accommodates various lengths by fast direct adjustment



Quick change HTK magazine means no loading time



If you require a demonstration of this machine or any other please do not hesitate to contact your local Technical Sales Representative or EJOT Sales Department.

EJOT Installation tools for manual fixing

HSK-HTK short, single feed fixing. HSL-HTK long, single feed fixing.

HSK-HTK

HSK-HTK



HSL-HTK



Application

For safe and economic fixing of insulation and waterproof membranes to steel and timber decks

Technical Data:

Each type supplied with Fein screwgun (see individual technical data)

HSK-HTK

Overall Weight: 3.2 kg

HSL-HTK

Overall Weight: 3.7 kg

Product Features:

- One tool required for installation thicknesses upto 400mm
- Telescope system of fixing prevents membrane damage by foot traffic
- Minimal cold-bridging
- Easy adjustment for fixing different tube lengths
- Depth control on machine prevents under and over driving of fasteners
- Significantly reduced installation time

Order Example: HSK-HTK

Both HSK-HTK and HSL-HTK will be provided as a complete tool with Fein screwgun, 110 V plug, M6 x 35 bit and depth locator, tools, 2.5 m cable, and operating manual

If you require a demonstration of this machine or any other please do not hesitate to contact your local Technical Sales Representative or EJOT Sales Department.

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

Tools & Tooling Accessories

EJOT Stand-up Screwgun - ECOfix

Ideal stand-up screwdriving tool for low-pitch roofing.

ECOfix



Application

Fastening of EJOT self-drilling screws up to Ø6.3 mm and screw lengths up to 170 mm

Technical Data:

Supplied with Fein screwgun
(see individual technical data)

Overall Weight: 6.9 kg

Product Features:

- Ergonomic operation as installer maintains an upright body position
- Robust construction is designed for a construction environment
- Depth control on machine prevents under and over driving of fasteners
- Adjustable T-bar for heights between 900 and 1200 mm
- Forward/reverse switch
- Motor shielded to prevent interference with other equipment
- Significantly reduced installation time

Order Example: ECOfix

Self-drilling screws	Screw		Flange	Washer	Socket	Nose piece
	ø/mm	L mm	ø/mm	ø/mm	Hex	
EJOT Dabo® EJOT SAPHIR®						
Dabo 8mm Hex 4.8 x L	4.8	35-170	11.5	Dabo	8mm	1/4
SAPHIR® 4.8x L	4.8	16 - 170	10.0	without	8mm	1
SAPHIR® 5.5 x L	5.5	19 - 80	11.0	without	8mm	1
SAPHIR® 5.5 x L	5.5	19 - 80	14.5	without 1/4	8mm	2
SAPHIR® 5.6 x L	5.6	19 - 80	14.0	without 1/4	8mm	2
SAPHIR® 6.3x L	6.3	19-80	14.5	without 1/6	3/8in	3
SAPHIR® 6.5 x L	6.5	19-80	14.5	without 1/6	3/8in	3
SAPHIR® 6.3 x L	6.3	22-32	14.0	without 1/6	3/8in	3

Order Example: DF 603

If you require a demonstration of this machine or any other please do not hesitate to contact your local Technical Sales Representative or EJOT Sales Department.

ECOfix will be provided complete with:

Fein screwgun (110 V plug)
Nosepiece (as indicated)
Drive socket (as indicated)
Service oil
Socket changer
Operating manual
Transport Box

DABO
Nosepiece
No. 4

Standard
Nosepiece



Accessories:

Nosepiece 1
Nosepiece 2
Dabo - Nosepiece 4
Drive socket 8 mm or 3/8in
(others on request)

EJOT Riveting Tools ELT-1

EJOT Robust Lazy Tongs ELT-1 for EJOT Blind Rivets and Bulb-tite rivets.

ELT-1



Accessories:

Rivet Ø 4.0
Rivet Ø 4.8
Bulb Tight 5.2
Chuck Jaw Set (3 pieces)

Nosepiece:

16/24
16/32
16/32BT

Description

Heavy riveting tool with sturdy grip for blind rivets of aluminium, steel and stainless steel to a max. Ø5.0 mm and bulb-tite rivets to a max Ø5.2 mm.

Order Example: ETL-1

EJOT Riveting Tools ELA-1

EJOT Lever Arm riveting tool.

ELA-1



Accessories:

Rivet Ø 4.0
Rivet Ø 4.8
Bulb Tight 5.2
Chuck Jaw Set (3 pieces)

Nosepiece:

B
D

Description

Lever arm riveting tool with mobile, ergonomic grip for blind rivets of aluminium, steel and stainless steel to a max. Ø6.4 mm and bulb-tite rivets to a max Ø5.2 mm.

Order Example: ELA-1

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

Tools & Tooling Accessories

Accubird / Powerbird

Battery powered electric riveting tool for rapid installation of blind rivets.

Accubird 110V



Accubird / Powerbird

Each tool comes equipped with:

- 1 x Quick-change battery
- 1 x Rapid charging unit (specify 110 V or 240 V on order)
- 1 x Special nosepiece 17/29 R
- 1 x Set normal nosepieces (see below)
- 1 x Assembly key for nosepieces
- 1 x Transport box

Product Features:

- Ergonomic hand-balanced design
- Compact shock-proof casing
- Quick-change battery
- Easily removed mandrel containers
- Fast installation time
- Automatic reset after each installation

Order Example: Accubird 110V

Accessories	Accubird	Powerbird
Drive	12 VDC	12 VDC
Traction	8.5 kN	13.0 kN
Quick Change Battery	1.4 AH	1.4 AH
Charging Time	60 min	60 min
Working Stroke	20 mm	20 mm
Weight	2.2 kg	2.2 kg

Accessories ø Rivot	Normal Nosepiece		Special Locking Nosepiece	
	4.0	4.8	35-170	11.5
4.8	4.8	16-170	10.0	without
Bulb-tite 5.2	5.5	19-80	11.0	without
Bulb-tite 7.7	5.5	19-80	14.5	without 1/4

Accubird or Powerbird ?

The **Accubird** should be specified for small blind-rivets upto Ø5.2 mm

The **Powerbird** should be used for long structural rivets and rivets over Ø5.2 mm

SHOT FIRING TOOL P230

For a fast, safe and time saving fixing of profiled steel sheet.

P230



Application

Fastening of profiled steel sheets and cassette systems into a steel substructure > 6mm

Technical Data:

Weight:	3.5 kg
Tool Length:	356 mm
Cartridge (10pcs):	6.3/16

Product Features:

- Worldwide patented system ensures each bolt is set consistently, the opportunity for over-penetration is eliminated
- After each installation the cartridge is automatically aligned for the next fixing operation
- Installation is fast and efficient
- Hand-over of each tool takes place with an EJOT employee on-site
- The shot-fired bolt is designed for disassembly, if required, using a special tool

Order Example: P230

Cartridge

Cartridge 6.3/16 Blue - Light gauge application

Cartridge 6.3/16 Red - Medium gauge application

Cartridge 6.3/16 Black - Heavy gauge application



P230 comes equipped with:

- Service oil
- Metal transport box
- Cleaning device
- Safety goggles
- Operating manual
- Spare parts and accessories are available on request



SBR 14:

- Setting bolts
- Pack quantity 1000pcs

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

Tools & Tooling Accessories

SHOT FIRING TOOL P230L

For a fast, safe, ergonomic and time saving fixing of profiled steel sheet.

P230L



Application

Fastening of profiled steel sheets and cassette systems into a steel substructure > 6mm

Technical Data:

Weight:	10.3 kg
Tool Length:	1 m
Cartridge (10pcs):	6.3/16
Magazine capacity:	34 Bolts
Laden speed:	0 - 1300 rpm
Weight:	1.9 kg

Product Features:

- Worldwide patented system ensures each bolt is set consistently, the opportunity for over-penetration is eliminated
- After each installation the cartridge is automatically aligned for the next fixing operation
- Installation is fast and efficient
- Hand-over of each tool takes place with an EJOT employee on-site
- The shot-fired bolt is designed for disassembly, if required, using a special tool
- The upright fixing position minimises operator fatigue

Order Example: P230L

Cartridge

Cartridge 6.3/16 Blue - Light gauge application

Cartridge 6.3/16 Red - Medium gauge application

Cartridge 6.3/16 Black - Heavy gauge application



P230 comes equipped with:

- Service oil
- Metal transport box
- Cleaning device
- Safety goggles
- Operating manual
- Spare parts and accessories are available on request



SBR 14:

- Setting bolts
- Pack quantity 1000pcs

EJOT VACUtest

The tool for seal-testing of screw and rivet assemblies on roof and wall applications.

VACUtest



Product Features:

- Easy handling
- Fast and precise seal-testing of assemblies
- No technical training required

Order Example: VACUtest

EJOT VACUtest comes equipped with:

- Hand-pump with manometer
- Tube with 2 interchangeable nosepieces (nosepieces supplied to suit A29 washers on rooflight assemblies)
- Operating instructions
- Transport box



Application

Screw and rivet assemblies on smooth and non-porous surfaces

Self-Drilling Fasteners

Self-Tapping Fasteners

Storm Washers

Flat Roofing Fasteners

Rivets

Masonry Anchors

External Wall Anchors

Accessories

Tools & Tooling Accessories

EJOT Drill Bits

HSS Drills - EJOT precision drills made of high quality HSS steel for maximum endurance and life.

HSS



Application

Pre-drilling of standard steel sheets and sections

Ø x L mm	Ø mm	Overall Length mm	Pack Qty
3.3 x 45	3.3	60	10
4.0 x 60	4.0	55	10
4.1 x 55	4.1	55	10
4.5 x 60	4.5	60	10
4.5 x 125	4.5	125	10
4.5 x 175	4.5	175	10
5.0 x 60	5.0	60	10
5.0 x 95	5.0	95	10
5.0 x 125	5.0	125	10
5.0 x 175	5.0	175	10
5.0 x 200	5.0	220	10
5.0 x 250	5.0	250	10
5.3 x 60	5.3	60	10
5.3 x 95	5.3	95	10
5.3 x 125	5.3	125	10
5.3 x 175	5.3	175	10
5.3 x 220	5.3	220	10
5.3 x 250	5.3	250	10
5.3 x 290	5.3	290	10
5.5 x 65	5.5	65	10
5.5 x 95	5.5	95	10
5.5 x 125	5.5	125	10
5.5 x 175	5.5	175	10
5.5 x 220	5.5	220	10
5.5 x 250	5.5	250	10
5.5 x 290	5.5	290	10
5.7 x 65	5.7	65	10
5.7 x 95	5.7	95	10
5.7 x 125	5.7	125	10
5.7 x 170	5.7	170	10
5.7 x 220	5.7	220	10
5.7 x 250	5.7	250	10
5.7 x 290	5.7	290	10
6.8 x 75	6.8	75	10
7.0 x 75	7.0	75	10
7.2 x 75	7.2	75	10

Order Example: HSS 3.3 x 45

EJOT Cobalt-Tipped Drill Bits

EJOT precision drills made of cobalt-tipped high quality steel.

HSCO



Application

Pre-drilling difficult materials
such as stainless steel
Further sizes available on request

Ø x L mm	Ø mm	Overall Length mm	Pack Qty
4.25 x 55	4.25	55	10
4.5 x 126	4.50	126	10
4.6 x 58	4.60	58	10
5.4 x 66	5.40	66	10
5.4 x 93	5.40	93	10
5.6 x 66	5.60	66	10
5.7 x 66	5.70	66	10
5.8 x 66	5.80	66	10
5.8 x 93	5.80	93	10
5.8 x 139	5.80	139	10

Order Example: HSCO 4.25 / 55

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

Tools & Tooling
Accessories

EJOT SDS Masonry Drill Bits

EJOT quality hammer drills for SDS drilling machines.

Masonry Drill SDS



Application

Pilot/clearance drilling of masonry, blockwork, brickwork, mortar, etc.

Ø x L mm	Ø mm	Overall Length mm	Working Length mm
5.0 x 160	5.0	160	110
5.0 x 210	5.0	210	170
5.0 x 250	5.0	250	200
5.0 x 350	5.0	350	300
6.0 x 160	6.0	160	100
8.0 x 16.0	8.0	160	100
8.0 x 210	8.0	210	150
8.0 x 260	8.0	260	200
8.0 x 310	8.0	310	250
8.0 x 400	8.0	400	350
10.0 x 160	10.0	160	100
10.0 x 260	10.0	260	200
10.0 x 360	10.0	360	360
10.0 x 450	10.0	450	390
12.0 x 160	12.0	160	100
12.0 x 260	12.0	260	200
12.0 x 310	12.0	310	250
14.0 x 160	14.0	160	100
14.0 x 210	14.0	210	150
14.0 x 260	14.0	260	200
14.0 x 310	14.0	310	250
14.0 x 460	14.0	460	400
16.0 x 350	16.0	350	290

Order Example: Masonry Drill SDS 5.0/110

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Flat Roofing
Fasteners

Rivets

Masonry
Anchors

External
Wall Anchors

Accessories

Tools & Tooling
Accessories

EJOT Terms and Conditions

1. Price

- 1.1 The price quoted excludes VAT (unless otherwise stated). Rates of tax and duties on the goods will be those applying at the time of delivery.
- 1.2 Our quotations lapse after 30 days or until earlier acceptance by you. We have the right to withdraw a quotation at any time before the expiry of 30 days or your acceptance of our quotation.
- 1.3 Unless otherwise stated, the quoted price includes delivery for all orders of £300 net to the UK mainland.
- 1.4 Unless otherwise stated, the price quoted is an illustrative estimate only and the price charged will be our price current at the time of delivery.
- 1.5 At any time before delivery we may adjust the price to reflect any increase in our costs of supplying the goods.
- 1.6 Unless otherwise agreed in writing, there is a minimum order charge of £100 net.

2. Delivery

- 2.1 All delivery times quoted are estimates only.
- 2.2 If we fail to deliver within a reasonable time, you may (by informing us in writing) cancel the contract, however:
 - 2.2.1 you may not cancel if we receive your notice after the goods have been dispatched; and
 - 2.2.2 if you cancel the contract, you can have no further claim against us under that contract.
- 2.3 If you accept delivery of the goods after the estimated delivery time, it will be on the basis that you have no claim against us for delay (including indirect or consequential loss, or increase in the price of the goods).
- 2.4 We may deliver the goods in instalments. Each instalment is treated as a separate contract.
- 2.5 We will charge you for any special packaging you request or which, in our opinion, is necessary because delivery takes place other than by normal means.
- 2.5 All crates, pallets and other packaging materials are charged for in addition to the price of the goods unless otherwise stated in writing at the time of your order. Where any packaging materials are so charged, credit will be given if you return them in good condition to us (carriage paid) within 30 days of delivery.

3. Delivery and safety

- 3.1 We may decline to deliver if:
 - 3.1.1 we believe that it would be unsafe, unlawful or unreasonably difficult to do so; or
 - 3.1.2 the premises (or the access to them) are unsuitable for our vehicle.
- 3.2 If delivery does not take place, either on the contract date or not at all, because you are at fault or for reasons beyond our control, we may store the goods at your expense. We may insure the goods and deliver them as soon as possible but we may also choose to sell them after a period of one month's storage. We may, in any event, recover our storage and insurance costs, either directly from you or from any proceeds of sale.

4. Payment terms

- 4.1 You are to pay us in cash (or otherwise in cleared funds) on delivery, unless you have an approved credit account.
- 4.2 If you have an approved credit account, payment is due no later than 30 days from the end of month invoiced.
- 4.3 If you fail to pay us in full on the due date:
 - 4.3.1 we may suspend or cancel future deliveries;
 - 4.3.2 we may cancel any discount offered to you;
 - 4.3.3 you must pay us interest at the rate equivalent to that set for the purposes of s6 of the Late Payment of Commercial Debts (Interest) Act 1998:
 - a. calculated (on a daily basis) from the date of our invoice until payment;
 - b. compounded on the first day of each calendar month; and
 - c. before and after any judgement (unless the court orders otherwise).
- 4.4 If you have an approved credit account, we may withdraw it or reduce your credit limit or bring forward your due date for payment. We may do any of those at any time without notice.
- 4.5 You do not have the right to set off any money you may claim from us against anything you may owe us.
- 4.6 While you owe money to us, we have a lien on any of your property in our possession.
- 4.7 You are to indemnify us in full and hold us harmless from all expenses and liabilities we may incur (directly or indirectly and including finance costs and legal costs on a full indemnity basis) following any breach by you of any of your obligations under these terms.

5. Title

- 5.1 Until you pay all debts you may owe us:
 - 5.1.1 all goods supplied by us remain our property;
 - 5.1.2 you must store them so that they are clearly identifiable as our property;
 - 5.1.3 you must insure them (against the risks for which a prudent owner would insure them) and hold the policy on trust for us;
 - 5.1.4 you may use those goods and sell them in the ordinary course of your business, but not if:
 - a. we revoke that right (by informing you in writing); or
 - b. you become insolvent.
 - 5.2 You must inform us (in writing) immediately if you become insolvent
 - 5.3 If your right to use and sell the goods ends you must allow us to remove the goods.
- 5.4 We have your permission to enter any premises where the goods may be stored:
 - 5.4.1 at any time, to inspect them; and
 - 5.4.2 after your right to use and sell them has ended, to remove them, using reasonable force if necessary.
 - 5.5 Despite our retention of title to the goods, we have the right to take legal proceedings to recover the price of goods supplied should you not pay us by the due date.
 - 5.6 You are not our agent. You have no authority to make any contract on our behalf or in our name.

6. Risk

- 6.1 The goods are at your risk from the time of delivery.
- 6.2 Delivery takes place either:
 - 6.2.1 at our premises (if you are collecting them or arranging carriage); or
 - 6.2.2 at your premises (if we are arranging carriage).
- 6.3 You must inspect the goods on delivery. If any goods are damaged (or not delivered), you must write to tell us within three working days of delivery (or the expected delivery time). You must give us (and any carrier) a fair chance to inspect the damaged goods.

7. Warranties

- 7.1 We warrant that the goods:
 - 7.1.1 comply with their description on our confirmation of order form; and
 - 7.1.2 are free from material defect at the time of delivery (as long as you comply with clause 6.3).
- 7.2 We give no other warranty (and exclude any warranty, term or condition that would otherwise be implied) as to the quality of the goods or their fitness for any purpose.
- 7.3 If you believe that we have delivered goods, which though undamaged, are defective in materials or workmanship, you must:
 - 7.3.1 inform us (in writing), with full details within one month of delivery, or within six months of delivery if the defect was not apparent on reasonable inspection; and
 - 7.3.2 allow us to investigate.
- 7.4 You must return to us at your expense any damaged or defective goods so that we can examine them. If the goods are agreed by us to be damaged or defective, we will give you credit for your reasonable costs of returning them. Proof of despatch is not proof of delivery.
- 7.5 If the goods are damaged on delivery, or not delivered, or are found to be defective in material or workmanship (following our investigations), and you have complied with those conditions in clauses 6.3, 7.3 and 7.4 in full, we will (at our option) replace them, or repair them or refund an appropriate part of the price.
- 7.6 We are not liable for any other loss or damage (including indirect or consequential loss, financial loss, loss of profits or loss of use) arising from the contract or the supply of goods or their use, even if we are negligent.
- 7.7 Unless otherwise agreed in writing, we shall have fulfilled our contractual obligation to you, in terms of the quantity to be supplied if the quantity supplied is within +/- 10% of the quantity of that specified on our acknowledgement of order form. We will charge you for the actual quantities delivered.
- 7.8 Our total liability to you (from one single cause) for damage to property caused by our negligence is limited to five million pounds.
- 7.9 For all other liabilities not referred to elsewhere in these terms our liability is limited in damages to the price of the goods.
- 7.10 We may accept higher limits to our liability to you if requested in writing, subject to our obtaining (at your expense) suitable insurance cover. In the event of a claim you undertake to provide to the insurers any information they request. You may not claim from us a sum greater than the amount (if any) we receive from the insurers.
- 7.11 Nothing in these terms restricts or limits our liability for death or personal injury resulting from negligence.

8. Specifications and licences

- 8.1 If we prepare the goods in accordance with your specifications or instructions:
 - 8.1.1 you must ensure that the specifications or instructions are accurate;
 - 8.1.2 you must ensure that goods prepared in accordance with those specifications or instructions will fit for the purpose for which you intend to use them; and
 - 8.1.3 you warrant that the specifications or designs will not result in the infringement of any rights belonging to a third party and that you will indemnify us in respect of all loss, damage, costs or expenses (including legal fees on a full indemnity basis) which we may incur in connection with any such claim or threatened claim by a third party.
- 8.2 By supplying goods to you we do not waive any intellectual property rights (including any design rights) that we may have in respect of them.
- 8.3 All drawings, designs, specifications and information supplied by us are confidential and must not be disclosed to a third party without our written consent.
- 8.4 We reserve the right to make any changes in the specifications and designs of our goods that are necessary to ensure they conform with any applicable safety or other statutory requirements.
- 8.5 We also reserve the right to make without notice any minor modifications in our specifications, designs or materials as we think necessary or desirable.
- 8.6 You will obtain at your expense any licences or consents required by any agency or authority. You must produce evidence of them to us if we request it. Unless otherwise agreed in writing, your contractual obligations to us do not end because you do not obtain the licences or consents.

9. Return of goods

- 9.1 We will accept the return of goods from you only:
 - 9.1.1 by prior arrangement (confirmed in writing);
 - 9.1.2 on payment of our handling charge of 15% of the net price of the goods or £25, whichever is the higher, (unless the goods were defective when delivered); and
 - 9.1.3 where the goods are as fit for sale on their return as they were on delivery (unless the goods were defective when delivered).

10. Export terms

- 10.1 Clause 10 of these terms shall apply to exports except where inconsistent with any written agreement between us.
- 10.2 Where the goods are supplied by us to you by way of export from the United Kingdom or from a port outside the United Kingdom, the 'Incoterms' of the International Chamber of Commerce which are in force at the time when the contract is made shall apply and the goods shall be supplied ex-works unless otherwise agreed.
- 10.3 The Incoterms are treated as amended by these terms (read as a whole) to the extent that they are inconsistent with them.
- 10.4 You are responsible for complying with any legislation or regulations governing the importation of the goods into the country of destination and for the payment of any duties due.
- 10.5 Where the goods are to be sent by us to you by a route including sea transport we shall be under no obligation to give a notice under section 32(3) of the Sale of Goods Act 1979.
- 10.6 If you require the goods to be tested or inspected at our premises before shipment, you are responsible for arranging such testing and inspection. We are not liable for any defect in the goods which would be apparent on inspection unless a claim is made before shipment.
- 10.7 Payment of all amounts due to us shall be made as stipulated by us, unless otherwise agreed in writing.
- 10.8 We shall have no liability for death or personal injury arising from the use of the goods where the goods are to be delivered in the territory of another State (within the meaning of s.26 (3) (b) Unfair Contract Terms Act 1977).

11. Cancellation

- 11.1 If the order is cancelled (for any reason) you are then to pay us for all stock (finished or unfinished) that we may then hold (or to which we are committed) for the order.
- 11.2 We may suspend or cancel the order, by written notice if:
 - 11.2.1 you fail to pay us any money when due (under the order or otherwise);
 - 11.2.2 you become insolvent;
 - 11.2.3 you fail to honour your obligations under these terms.
- 11.3 You may not cancel the order unless we agree in writing (and clauses 2.2.2 and 11.1 then apply).

12. Waiver and variations

- 12.1 Any waiver or variation of these terms is binding in honour only unless:
 - 12.1.1 made (or recorded) in writing;
 - 12.1.2 signed on behalf of each party; and
 - 12.1.3 expressly stating an intention to vary these terms.
- 12.2 All orders that you place with us will be on these terms (or any that we may issue to replace them). By placing an order with us, you are expressly waiving any printed terms you may have to the extent that they are inconsistent with our terms.

13. Force majeure

- 13.1 If we are unable to perform our obligations to you (or able to perform them only at unreasonable cost) because of circumstances beyond our control, we may then cancel or suspend any of our obligations to you, without liability.
- 13.2 Examples of those circumstances include act of God, accident, explosion, fire, transport delays, strikes and other industrial disputes and difficulty in obtaining supplies.

14. General

- 14.1 English law is applicable to any contract made under these terms. The English and Welsh courts have non-exclusive jurisdiction.
- 14.2 If you are more than one person, each of you has joint and several obligations under these terms
- 14.3 If any of these terms are unenforceable as drafted:
 - 14.3.1 it will not affect the enforceability of any other of these terms; and
 - 14.3.2 if it would be enforceable if amended, it will be treated as so amended.
- 14.4 We may treat you as insolvent if:
 - 14.4.1 you are unable to pay your debts as they fall due; or
 - 14.4.2 you (or any item of your property) become the subject of:
 - a. any formal insolvency procedure (examples of which include receivership, liquidation, administration, voluntary arrangements (including a moratorium) or bankruptcy);
 - b. any application or proposal for any formal insolvency procedure; or
 - c. any application, procedure or proposal overseas with similar effect or purpose.
- 14.5 All brochures, catalogues and other promotional materials are to be treated as illustrative only. Their contents form no part of any contract between us and you should not rely on them in entering into any contract with us.
- 14.6 Any notice by either of us which is to be served under these terms may be served by leaving it at or by delivering it to (by first class post or by fax) the other's registered office or principal place of business. All such notices must be signed.
- 14.7 No contract will create any right enforceable (by virtue of the Contracts (Rights of Third Parties) Act 1999) by any person not identified as the buyer or seller.
- 14.8 The only statements upon which you may rely in making the contract with us, are those made in writing by someone who is our authorised representative and either:
 - 14.8.1 contained in our estimate (or any covering letter) and not withdrawn before the contract is made; or
 - 14.8.2 which expressly state that you may rely on them when entering into the contract.
- 14.8.3 Nothing in these terms affects or limits our liability for fraudulent misrepresentation.

15. Data protection Act 1998 - Information Notice

Where EJOT UK Ltd is provided with personal data as defined by the Act ("data"), it is determined that the data has been passed to us with the knowledge of the individual concerned. The data will be processed to carry out credit applications and associated activities. It will be held securely and may be shared with other EJOT Group Companies or responsible third party organisations where necessary, within and outside the European Economic Area. You may write to the Data Protection Officer at the address shown for information on the Act as it relates to you.
Policy. For all other enquiries you are advised to seek independent legal advice.

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