



Roofing & cladding

High performance
fasteners and accessories



Bringing it together.

The complete solution for the modern building envelope

This catalogue showcases our current portfolio of high performance self-drilling and self-tapping fasteners, storm washers, rivets, accessories and specific tooling for every installation process of the roofing and cladding industry.

EJOT's fastening systems encompass every facet of the modern building envelope and this range is complemented by other highly specialist products and systems, all designed, manufactured and supported by the EJOT Group, worldwide.

Ask about our product and service literature for:

- Rainscreen, steel framing and insulation
- ETICS and external wall insulation
- Flat roofing systems
- Metal anchoring systems for concrete substrates
- Best practice guides



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The world's leading designer of advanced fastening solutions



Working alongside system designers and OEMs, our products have gained worldwide approval for application specific solutions; achieving technical compliance through comprehensive development procedures, gaining acceptance from designers, engineers and procurement teams alike.

Responsive customer service with technical support on site

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.

Contact EJOT UK

Customer Service: 01977 68 70 40

Fax: 01977 68 70 41

Email: sales@ejot.co.uk

Supporting industry-wide best practice

We're proud to work alongside all of the major professional bodies helping to progress the industry sectors they serve. In the UK we bring over 35 years, whilst EJOT Germany bring 100 years of development and manufacturing experience to the table. As a major global manufacturer of quality products, the EJOT Group promotes the values of shared knowledge, working with many similar organisations and academic institutions worldwide.



The National Federation of Roofing Contractors

Represents over 70% of the roofing industry by value. The NFRC seeks to adapt to change, ensuring that its members are kept at the forefront.



Metal Cladding and Roofing Manufacturers Association

Represents manufacturers and suppliers, working to promote best practice. The Association seeks to improve technical knowledge.



The Single Ply Roofing Association

SPRA represents the UK's single ply roofing industry and supply chain including manufacturers, distributors and specialist contractors.



The Insulated Render and Cladding Association

Represents the major system designers, specialist installers and the key component suppliers within the external wall insulation industry.



Construction Fixings Association

The CFA's objective is to raise industry standards to the highest level of quality and safety for the selection and installation of safety-critical fixings.

Buy online and save time



The EJOT UK webshop has been steadily expanded to provide an extensive shop window to mirror traditional purchasing processes, with over 3000 fastening products and variants available online.

Navigating levels of technical information has been addressed with many applied 'product finder' filters that lead customers from application to substrate, with other relevant specification criteria in between.

Registration is straightforward and creates a personalised online pricing structure, flexible purchasing and a history of previous orders.

Using your printed catalogue in line with the EJOT webshop is easy:

Step 1

When you've found the products that are right for your application, type the product name into search bar at the top of the screen.

Step 2

From the selection that is generated, select the product you require and click through for more details – which can include data sheets and application data.

Step 3

Happy? Check for the correct dimensions and description, or colour where applicable.

Step 4

Input the quantity and add to cart. If you need another product, carry on shopping until your order is complete. Go to Cart and purchase.



Availability is confirmed by the green tick next to the product. If the product shows as out of stock, lead times can be checked with our dedicated Customer Service team.



For efficient easy ordering online go to www.ejot.uk.co.uk

Scan the QR code with your mobile device to go directly to the **EJOT UK webshop**.

EJOT® technical support

On-site

When specifying outside of any standard technical parameters our technical team may recommend a thorough test report, carried out on site by a qualified EJOT engineer.

The reason is straightforward. Whilst we can be sure of the technical performance of our products, no-one can second guess the integrity of substrates. Where high loadings into critical structural areas create potential risk, we want our customers to have absolute peace of mind and confidence in the match between fixing and substrate - and the correct installation process.



Much more than 'added value'

Whether it's ourselves instigating the survey, or the installer, contractor or a structural engineer, our technical team will gather information in advance. That means our engineers are briefed on product, substrate, and the impact of climate and environmental conditions.

With site-induction cleared, the testing process will follow set procedures that have been developed by EJOT's technical teams globally.

Our engineers then compile a report. This data provides a mean-average conclusion that will enable any specifier to compare loadings against any necessary European Technical Approval specifications.

Typical site test process

- **Identification**

EJOT's technical support team will assess the product application specification

- **Recommendation**

This may require an on-site test survey. Alternatively, anyone in the specification to installation chain may make this request

- **Information**

Our technical team will issue a 'site test requisition form' in advance

- **Survey**

Multiple points are tested to point of substrate failure

- **Results**

Compiled and data documented for assessment

EJOT® technical support

Off-site

EJOT APPLITEC is at the heart of our operations worldwide; the design, origination, testing and manufacturing of progressive fastening systems that provide high installation performance and longevity in application.

Here in the UK, our APPLITEC Centre has become an industry-wide resource, often in partnership with leading OEMs, sharing an objective to develop better, more efficient products for the modern building envelope.



When customers need support with technical issues on-site, particularly where there are structural implications, our team of Applitec technicians are able to replicate conditions off-site – providing a resource of immeasurable value.

EJOT UK's Applitec Centre is equipped with state-of-the-art equipment, and the technical ability required to recreate and test virtually any scenario, during or prior to installation.



Typically, testing reports compiled by Applitec technicians can enable structural engineers to determine if an incorrect installation is still fit for purpose. Equally, where procedures demand, test conditions can be created as a means of forecasting performance.



Contact the Applitec team,
01977 68 70 40

Email
applitec@ejot.co.uk

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Dual Drive Integral Nylon Head for Membrane Faced Composites

Complete range for all substrates in carbon and stainless- includes stitchers

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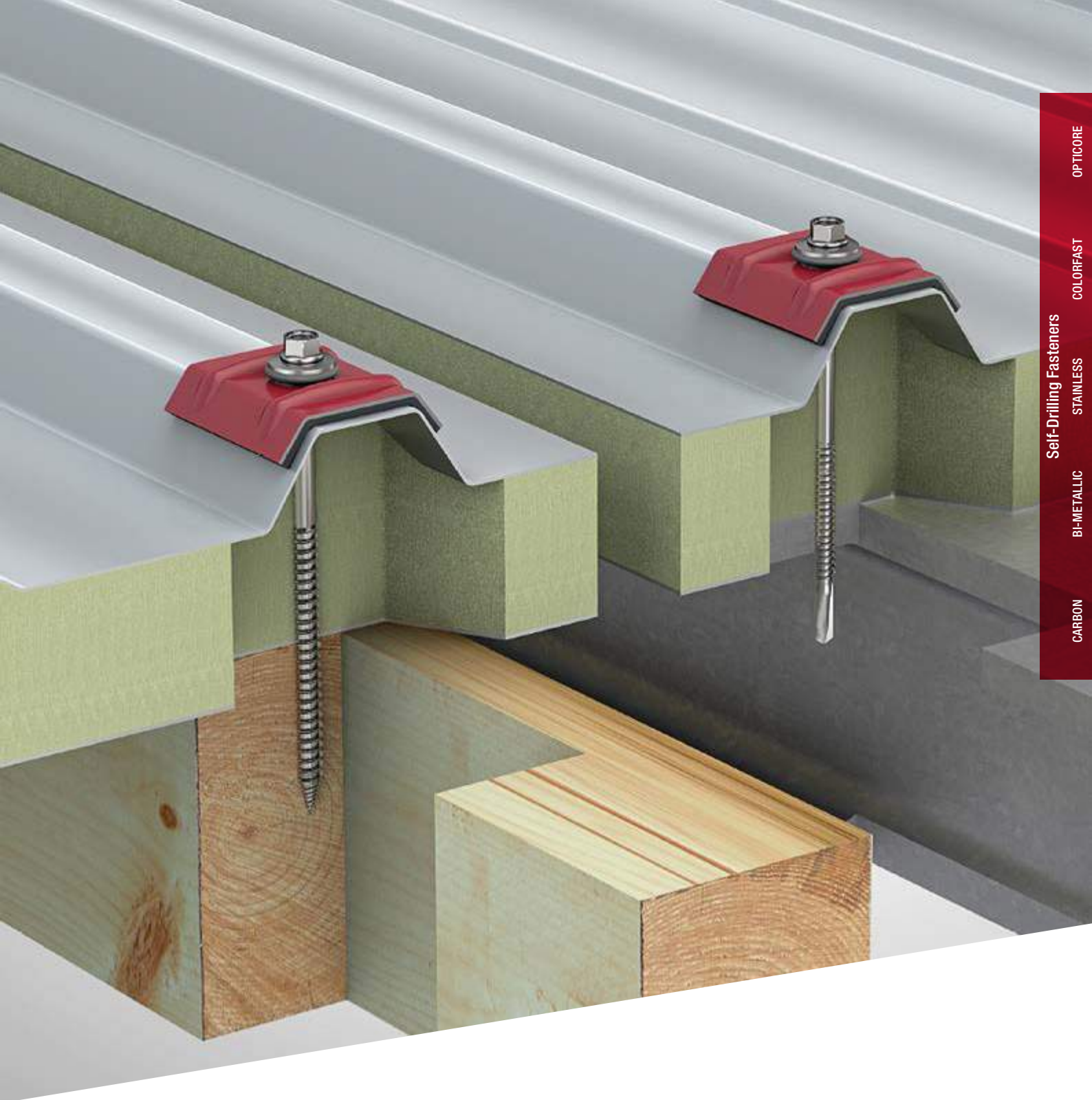
Make sure self-drilling fasteners are ALWAYS installed correctly. Scan below to watch our installation video.

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Self-drilling fasteners

Fast efficient installation – no pre-drilling

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EJOT® self-drilling fasteners: Carbon steel

Specifically manufactured by EJOT for the widest range of roofing and cladding applications, many featuring our 8mm hex head complete with flange, for the ultimate in pullover resistance.

Drill points and thread forms provide maximum mechanical performance with clear safety margins engineered into manufacture.

Where specified they are assembled with a high quality metal and EPDM vulcanised sealing washer ensuring a air-tight seal every time. These fasteners are zinc plated or have an organic corrosion resistant coating.



Colour Matching

See page 40 for our EJOT Colorfast, the unique integral nylon encapsulation system available for many self-drilling fasteners.

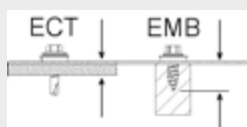
Powder-coating is also available for all low profile stainless steel fasteners in this range. Please ask for details.



Terminology and codes

ECT: Effective Clamping

Thickness is the total thickness of the build up to be fixed.

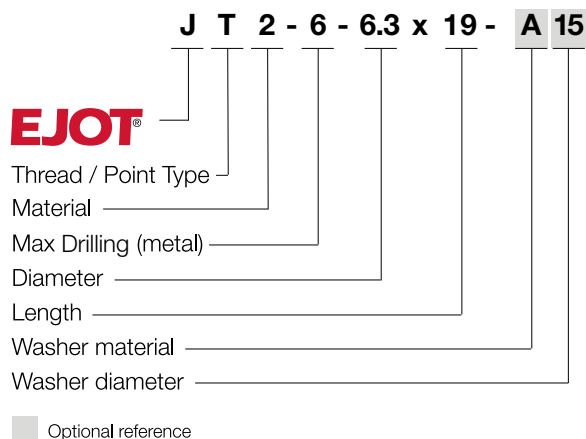


EMB: Embedment

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

Fastener identification codes

SF	Secondary fastener stitching of thin gauge material
JF2	EJOfast carbon steel self-drilling/piercing fastener
SFMS	Secondary fastener mega stitcher: stitching of thin gauge material larger diameter stitcher
HS	Heavy section self-drilling fastener 4.0 - 12.0mm steel
JT2	Carbon steel self-drilling fastener
TS	Timber screw for fixing light gauge metal to timber
LSCF	Light section clip fix steel self-drilling fastener 1.2 - 3.0mm steel
HSCF	Heavy section clip fix self-drilling fastener 4.0 - 12.0mm steel
TBF	Timber batten fastener: timber or sheathing board to 0.9 - 3.0mm steel
WDLS	Wing driller light section steel self-drilling: timber to 1.5 - 3.0mm steel
WDHS	Wing driller heavy section steel self-drilling: timber to 4.0 - 10.0mm steel



EJOT SF 6.3



Fastener Material / Application

Carbon steel with corrosion resistant finish

Laps or roofing / cladding sheets and flashings

For steel sheets and flashings 0.5mm -1.2mm in thickness

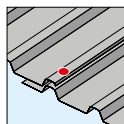
Can be used in conjunction with A15 and A19 aluminium/EPDM vulcanised sealing washers



Drive Tool

8mm Hex

ø x L (mm)	Washer Options		Min Qty
	A15 Min ECT Max	A19 Min ECT Max	
6.3 x 25	0.7 - 11.0	0.7 - 11.0	100
Order Example: SF 6.3 x 25 A15			



EJOT JF2-2-5.5



Fastener Material / Application

Carbon steel with corrosion resistant finish

Laps or roofing / cladding sheets and flashings

Pierce point non-skid application

Fastening with minimum swarf

For steel sheets and flashings 0.4mm - 0.8mm in thickness

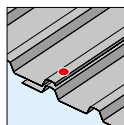
Can be used in conjunction with A15 and A19 aluminium/EPDM vulcanised sealing washers



Drive Tool

8mm Hex

ø x L (mm)	Washer Options		Min Qty
	A15 Min ECT Max	A19 Min ECT Max	
5.5 x 25	0.5 - 10.0	0.5 - 10.0	100
Order Example: JF2-2-5.5 x 25 A15			



EJOT SFMS 8.0



Fastener Material / Application

Carbon steel with corrosion resistant finish

Laps or roofing / cladding sheets and flashings

High stripping torque for thin steel

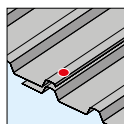
For steel sheets and flashings 0.5mm - 1.2mm in thickness

Can be used in conjunction with S16 stainless steel / EPDM vulcanised sealing washers

Drive Tool

8mm Hex

ø x L (mm)	Washer Options	Min Qty
	S16 Min ECT Max	
8.0 x 30	0.7 - 11.0	100
Order Example: SFMS 8.0 x 30 S16		



EJOT JT2-3-4.8



Fastener Material / Application

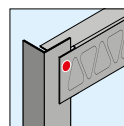
Carbon steel with corrosion resistant finish
 Preliminary / temporary fixing of steel sections
 For steel structures 1.2mm - 3.0mm in thickness

Drive Tool

 8mm Hex

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

Order Example: JT2-3-4.8 x 20



EJOT LS 5.5



Fastener Material / Application

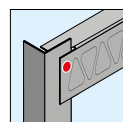
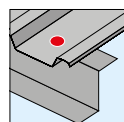
Carbon steel with corrosion resistant finish
 For fixing internal steel sections, support bars and brackets
 For steel structures 1.2mm - 3.0mm in thickness

Drive Tool

 8mm Hex

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 25	1.2 - 8.0	100
5.5 x 50	1.2 - 37.0	100
5.5 x 70	1.2 - 57.0	100

Order Example: LS 5.5 x 25



EJOT LS 5.5 A15-A29



Fastener Material / Application

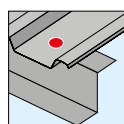
Carbon steel with corrosion resistant finish
 Profiled roofing and cladding sheets to steel structures
 For steel structures 1.2mm - 3.0mm in thickness
 Can be used in conjunction with A15, A19 or A29 aluminium / EPDM vulcanised sealing washers

Drive Tool

 8mm Hex

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	1.2 - 55.0	1.2 - 55.0	1.2 - 54.0	100

Order Example: LS 5.5 x 25 A15



EJOT JT2-6-6.3



Fastener Material / Application

Carbon steel with zinc plating

Profiled roofing and cladding sheets to steel structures

Where higher shear load is required

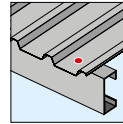
For steel structures 1.5mm - 6.0mm in thickness

Can be used in conjunction with A15 and A19 aluminium/EPDM vulcanised sealing washers

Drive Tool

 8mm Hex

ø x L (mm)	Washer Options		Min Qty
	A15 Min ECT Max	A19 Min ECT Max	
6.3 x 19	1.5 - 4.0	1.5 - 4.0	100
6.3 x 25	1.5 - 10.0	1.5 - 10.0	100
6.3 x 38	1.5 - 23.0	1.5 - 23.0	100
Order Example: JT2-6-6.3 x 19 A15			



EJOT HS 5.5



Fastener Material / Application

Carbon steel with corrosion resistant finish

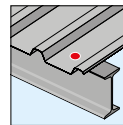
For fixing internal steel sections, support bars and brackets

For steel structures 4.0mm - 12.0mm in thickness

Drive Tool

 8mm Hex

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
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
Order Example: HS-5.5 x 38		



EJOT HS 5.5 A15-A29



Fastener Material / Application

Carbon steel with corrosion resistant finish

Profiled roofing and cladding sheets to steel structures

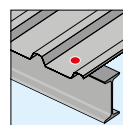
For steel structures 4.0mm - 12.0mm in thickness

Can be used in conjunction with A15, A19 or A29 aluminium / EPDM vulcanised sealing washers

Drive Tool

 8mm Hex

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 - 28.0	4.0 - 27.0	100
5.5 x 65	4.0 - 39.0	4.0 - 39.0	4.0 - 38.0	100
5.5 x 76	4.0 - 50.0	4.0 - 50.0	4.0 - 49.0	100
Order Example: HS-5.5 x 38 A15				



EJOT JT2-12-6.3



Fastener Material / Application

Carbon steel with zinc plating

Profiled roofing and cladding sheets to steel structures where higher shear load is required

For steel structures 4.0mm - 12.0mm in thickness

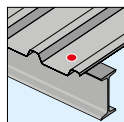
Can be used in conjunction with A15 and A19 aluminium / EPDM vulcanised sealing washers

Drive Tool

 10mm Hex

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 JT2-18-5.5



Fastener Material / Application

Carbon steel with corrosion resistant finish

Profiled roofing and cladding sheets to steel structures

For steel structures 4.0mm - 18.0mm in thickness

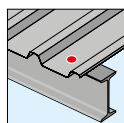
Can be used in conjunction with A15, A19 or A29 aluminium / EPDM vulcanised sealing washers

Drive Tool

 8mm Hex

ø x L (mm)	Washer Options			Min Qty
	A15 Min ECT Max	A19 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 60	4.0 - 32.0	4.0 - 32.0	4.0 - 31.0	100
5.5 x 80	24.0 - 52.0	24.0 - 52.0	24.0 - 51.0	100

Order Example: JT2-18 5.5 x 40 A15



ETA 10/0200

EJOT JT2-D6-5.5/6.3



Fastener Material / Application

Carbon steel with corrosion resistant finish

5.5mm diameter with 6.3mm high thread

Steel faced insulated sandwich panels to steel structures

For steel structures 1.2mm - 6.0mm in thickness

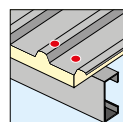
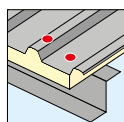
Can be used in conjunction with A15, A19 or A29 aluminium / EPDM vulcanised sealing washers

Drive Tool

 8mm Hex

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	30.0 - 70.0	30.0 - 70.0	30.0 - 69.0	100
5.5/6.3 x 102	50.0 - 90.0	50.0 - 90.0	50.0 - 89.0	100
5.5/6.3 x 122	70.0 - 110.0	70.0 - 110.0	70.0 - 109.0	100
5.5/6.3 x 135	83.0 - 123.0	83.0 - 123.0	83.0 - 122.0	100
5.5/6.3 x 152	100.0 - 140.0	100.0 - 140.0	100.0 - 139.0	100
5.5/6.3 x 172	120.0 - 160.0	120.0 - 160.0	120.0 - 159.0	100
5.5/6.3 x 192	140.0 - 180.0	140.0 - 180.0	140.0 - 179.0	100
5.5/6.3 x 232	180.0 - 220.0	180.0 - 220.0	180.0 - 119.0	100
5.5/6.3 x 262	210.0 - 250.0	210.0 - 250.0	210.0 - 249.0	100

Order Example: JT2 -D6-5.5/6.3 x 62 A15



ETA 18/0680

EJOT JT2-D12 5.5/6.3



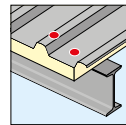
Fastener Material / Application

Carbon steel with corrosion resistant finish
5.5mm diameter with 6.3mm high thread
Steel faced insulated sandwich panels to steel structures
For steel structures 4.0mm - 12.0mm in thickness
Can be used in conjunction with A15, A19 or A29 aluminium / EPDM vulcanised sealing washers

Drive Tool



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 95	55.0 - 73.0	55.0 - 73.0	55.0 - 72.0	100
5.5/6.3 x 115	65.0 - 93.0	65.0 - 93.0	65.0 - 92.0	100
5.5/6.3 x 135	75.0 - 113.0	75.0 - 113.0	75.0 - 112.0	100
5.5/6.3 x 155	95.0 - 135.0	95.0 - 135.0	95.0 - 134.0	100
5.5/6.3 x 195	125.0 - 175.0	125.0 - 175.0	125.0 - 174.0	100
5.5/6.3 x 235	165.0 - 215.0	165.0 - 215.0	165.0 - 214.0	100
5.5/6.3 x 250	180.0 - 230.0	180.0 - 230.0	180.0 - 229.0	100
5.5/6.3 x 275	205.0 - 255.0	205.0 - 255.0	205.0 - 254.0	100
5.5/6.3 x 300	230.0 - 280.0	230.0 - 280.0	230.0 - 279.0	100
Order Example: JT2-D12- 5.5/6.3 x 95 A15				



EJOT TS 6.3



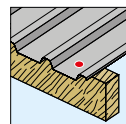
Fastener Material / Application

Carbon steel with corrosion resistant finish
Profiled roofing and cladding sheets to timber structures
For timber: mechanical performance is dependent on embedment and grade of timber
Can be used in conjunction with A15, A19 or A29 aluminium / EPDM vulcanised sealing washers

Drive Tool



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 32 A15				



EJOT JT2-FZ-3 6.3



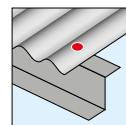
Fastener Material / Application

Carbon steel with corrosion resistant finish
For fixing fibre cement sheets to steel structures 1.2mm - 2.0mm in thickness
Used in conjunction with a 'BAZ' Stainless steel/ EPDM vulcanised sealing washers
For loadings and usage of these fasteners please refer to the sheet manufacturer

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	BAZ Min ECT Max	
6.3 x 90	50.0 - 62.0	100
Order Example: JT2-FZ-3-6.3 x 90 BAZ		



EJOT JT2-FZ-12 6.3



Fastener Material / Application

Carbon steel with corrosion resistant finish

For fixing fibre cement sheets to steel structures
4.0mm - 12.0mm in thickness

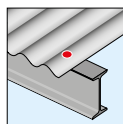
Used in conjunction with a 'BAZ' Stainless steel/
EPDM vulcanised sealing washers

For loadings and usage of these fasteners
please refer to the sheet manufacturer

Drive Tool

 **8mm Hex**

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 JT2-FZ-F 6.5



Fastener Material / Application

Carbon steel with corrosion resistant finish

For fixing fibre cement sheets to timber

Mechanical performance is dependent on
embedment and grade of timber

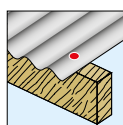
Used in conjunction with a 'BAZ' Stainless steel/
EPDM vulcanised sealing washers

For loadings and usage of these fasteners
please refer to the sheet manufacturer

Drive Tool

 **8mm Hex**

ø x L (mm)	Washer Options	Min Qty
	BAZ Min ECT Max	
6.5 x 130	-	100
Order Example: JT2-FZ-F-6.5 x 130 BAZ		



EJOT LSCF 5.5 x 25



Fastener Material / Application

Carbon steel with corrosion resistant finish

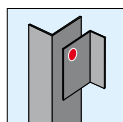
For fixing standing seam clips / steel to steel
from 1.2mm - 3.0mm in thickness

Low profile head to prevent interference

Drive Tool

 **R5**

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 25	2.0 - 12.0	100
Order Example: LSCF 5.5 x 25		



EJOT HSCF 5.5 x 38



Fastener Material / Application

Carbon steel with corrosion resistant finish

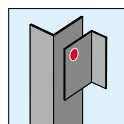
For fixing standing seam clips / steel to steel from 4.0mm - 12.0mm in thickness

Low profile head to prevent interference

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 38	5.0 - 15.0	100
Order Example: HSCF 5.5 x 38		



EJOT JT2-NH3 5.5 x 19



Fastener Material / Application

Carbon steel with corrosion resistant finish

For light steel framing connections

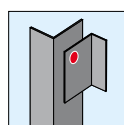
For steel structures with a combined thickness of up to 3.0mm

Where the minimum head height dimension is required

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 19	1.2 - 3.0	100
Order Example: JT2-NH3-5.5 x 19		



EJOT JT2-LH6 5.5 x 22



Fastener Material / Application

Carbon steel with corrosion resistant finish

For light steel framing connections

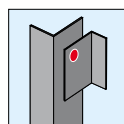
For steel structures with a combined thickness of up to 6.0mm

Where the minimum head height dimension is required

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 22	1.2 - 8.0	100
Order Example: JT2-LH6-5.5 x 22		



EJOT TBF 4.8



Fastener Material / Application

Carbon steel with corrosion resistant finish

Wing drill for fixing timber battens / sheathing boards to light steel sections 0.9mm - 3.0mm in thickness or steel liner trays 2 x 0.75mm - 2 x 1.2mm



Pinched wings to ream out timber / sheathing boards and shatter upon contact with steelwork, allowing the fixing to self-drill and tap into the steel

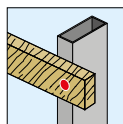
Underhead ribs designed to aid embedment into timber

Drive Tool



R4

Ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
4.8 x 30	5.0 - 14.0	100
4.8 x 45	5.0 - 29.0	100
4.8 x 66	5.0 - 50.0	100
Order Example: TBF 4.8 x 30		



EJOT WDLS 5.5



Fastener Material / Application

Carbon steel with corrosion resistant finish

Wing drill for fixing timber battens / sheathing boards to light steel sections 1.5 - 3.0mm in thickness



Pinched wings to ream out timber/sheathing boards and shatter upon contact with steelwork, allowing the fixing to self-drill and tap into the steel

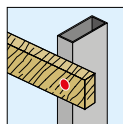
Wafer head to minimise overdriving

Drive Tool



R5

Ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 65	6.5 - 47.0	100
5.5 x 85	23.0 - 67.0	100
Order Example: WDLS 5.5 x 65		



EJOT WDHS 5.5



Fastener Material / Application

Carbon steel with corrosion resistant finish

Wing drill for fixing timber battens / sheathing boards to light steel sections 4.0 - 10.0mm in thickness

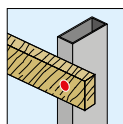
Wafer head to minimise overdriving

Drive Tool



R5

Ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 65	8.0 - 35.0	100
Order Example: WDHS 5.5 x 65		



EJOT JT2-ST-2 6.0



Fastener Material / Application

Carbon steel with corrosion resistant finish

For fixing timber to light steel sections 0.7mm - 1.6mm in thickness with clearance hole required in timber or timber to timber

Buttress thread for increased mechanical performance into light steel sections

Mechanical performance is dependent on embedment and grade of timber

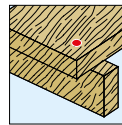
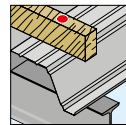
Drive Tool



V47

ø x L (mm)	Washer Options	Min Qty
	Unwashed 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: JT2-ST-2-6.0 x 60



EJOT JF2-2-6.3



Fastener Material / Application

Carbon steel with white organic corrosion resistant finish

For fixing rear stitching of cold storage and other tongue & groove panels without penetrating face

Length specific to panel core fastener being 5mm less than the overall panel thickness.

For steel skins 0.5mm - 0.9mm in thickness

Drive Tool



R5

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
6.3 x 75	-	100
6.3 x 95	-	100

Order Example: JF2-2-6.3 x 75



EJOT® self-drilling fasteners: Bi-metallic

Primary fasteners: JT3 JF3 JT6 JF6

Secondary fasteners: RLS

Manufactured from 304 A2 (JT3) and 316 A4 (JT6) austenitic stainless steel with a hardened carbon steel drill point welded to the body.

The hardened drill point allows the screw to efficiently drill into mild steel sections whilst the lead threads create precision tapping at the designated drilling speed (see table Page 54).

Where specified, these fasteners are assembled with a stainless steel or aluminium EPDM vulcanised sealing washer for a safe seal every time. Zinc plating provides enhanced aesthetics and lubrication for drilling and tapping, ensuring a smooth installation process.



Colour Matching

See page 40 for our EJOT Colorfast, the unique integral nylon encapsulation system available for many self-drilling fasteners.

Powder-coating is also available for all low profile stainless steel fasteners in this range. Please ask for details.



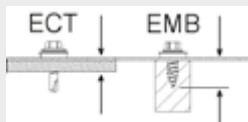
Terminology and codes

ECT: Effective Clamping

Thickness is the total thickness of the build up to be fixed.

EMB: Embedment

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



Fastener identification codes

JT3	A2 Stainless Steel Bi-Met Self-Drilling fastener Bi-Met = Head and main threaded section of fastener stainless steel with hardened carbon steel drill point (including lead-in threads) welded onto stainless steel fastener)
JF3	EJOFast A2 Grade Stainless Steel Bi-Met Self-Drilling/piercing fastener
RLS	Roof Light Stitcher
JT6	A4 Grade Stainless Steel Bi-Met Self-Drilling fastener
JF6	EJOFast A4 Grade Stainless Steel Bi-Met Self-Drilling/piercing Fastener

EJOT®

Thread / Point Type

Material

Max Drilling (metal)

Diameter

Length

Washer material

Washer diameter

J T 3 - 2 - 6.3 x 25 - S 16

Optional reference

EJOT JT3-2-6.3



Fastener Material / Application

A2 stainless steel (bi-metallic)

Laps stitching of steel roofing and cladding sheets

Laps stitching of aluminium roofing and cladding sheets

Stitching of steel and aluminium flashings to roofing and cladding sheets

Stitching 2 x 0.5mm up to 2 x 1.0mm

Can be used in conjunction with S16 and S19 Stainless/EPDM vulcanised sealing washers

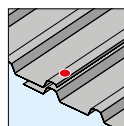


Drive Tool

8mm Hex

ø x L (mm)	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT Max	
6.3 x 25	0.5 - 8.0	0.5 - 8.0	100

Order Example: JT3-2-6.3 x 25 S16



EJOT JT3-2-6.0



Fastener Material / Application

A2 stainless steel (bi-metallic)

Laps stitching of steel roofing and cladding sheets

Laps stitching of aluminium roofing and cladding sheets

Stitching of steel and aluminium flashings to roofing and cladding sheets

Stitching laps of rooflights

Steel sections from 0.7mm - 1.6mm

Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium vulcanised sealing washers

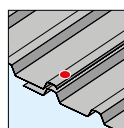


Drive Tool

8mm Hex

ø x L (mm)	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
6.0 x 25	0.7 - 8.0	0.7 - 8.0	-	100
6.0 x 35	0.7 - 18.0	0.7 - 18.0	0.7 - 17.0	100

Order Example: JT3-2-6.0 x 25 S16



EJOT JF3-2-5.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

Laps stitching of steel/aluminium roofing and cladding sheets

Stitching of steel/aluminium flashings to roofing and cladding sheets

Pierce point geometry designed to minimise swarf generation

Stitching 2 x 0.5mm up to 2 x 1.0mm

Can be used in conjunction with S16/S19 Stainless/EPDM vulcanised sealing washers

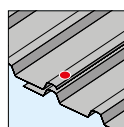


Drive Tool

8mm Hex

ø x L (mm)	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT Max	
5.5 x 25	0.5 - 8.0	0.5 - 8.0	100
5.5 x 35	0.5 - 18.0	0.5 - 18.0	100

Order Example: JF3-2-5.5 x 25 S16



EJOT RLS



Fastener Material / Application

A2 stainless steel

Stitching of steel or rooflight to rooflight side lap

Can be used in conjunction with S19 Stainless/EPDM and A29 aluminium vulcanised sealing washers

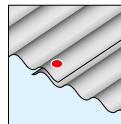
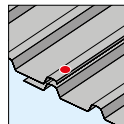
Suitable for GRP



Drive Tool

8mm Hex

ø x L (mm)	Washer Options		Min Qty
	S19 Min ECT Max	A29 Min ECT Max	
RLS x 25	8.0 - 16.0	8.0 - 15.0	100
Order Example: RLS x 25 S19			



EJOT JT3-3-5.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing and cladding sheets to light steel sections

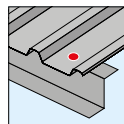
For steel structures 1.2mm - 3.0mm in thickness

Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium vulcanised sealing washers

Drive Tool

8mm Hex

ø x L (mm)	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
5.5 x 25	1.2 - 8.0	1.2 - 8.0	-	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
5.5 x 70	21.0 - 51.0	21.0 - 51.0	21.0 - 50.0	100
Order Example: JT3-3-5.5 x 25 S16				



ETA-10/0200

EJOT JT3-3-6.3



Fastener Material / Application

A2 stainless steel (bi-metallic)

Standing seam halter brackets

Helping hand brackets to light section steel

For steel structures 1.2mm - 3.0mm in thickness.

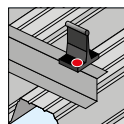
Can be used in conjunction with S16 Stainless/EPDM vulcanised sealing washers.



Drive Tool

8mm Hex

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 JT3-X2-6.0



Fastener Material / Application

A2 stainless steel (bi-metallic)

For fixing halter brackets to steel and aluminium substructures

For fixing standing seam systems to steel sections from 0.7mm - 1.6mm

Under head serrations to increase installation reliability

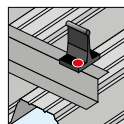


Drive Tool



8mm Hex

ø x L (mm)	Washer Options	Min Qty
	Unwashed 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-X2-6.0 x 36		



EJOT JT3-S-2-6.0 x 60/25



Fastener Material / Application

A2 stainless steel (bi-metallic)

For fixing 25mm thick timber battens to steel faced composite panels

Elongated pilot point to ensure successful installation without jacking

Under head serrations to increase installation reliability

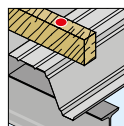


Drive Tool



P3

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
6.0 x 60 / 25	0 - 26	100
Order Example: JT3-S-2 6.0 x 60/25		



EJOT JT3-WD-6-5.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

For securing timber and sheathing boards to steel sections

Pinched wings to ream out timber/sheathing boards and shatter upon contact with steelwork, allowing the fixing to self-drill and tap into the steel.

Under head serrations to increase installation reliability to aid countersinking

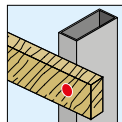
For steel structures 2.0mm - 6.0mm in thickness



Drive Tool

T25

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 45	0 - 26	100
5.5 x 65	0 - 46	100
Order Example: JT3-WD-6-5.5 x 65-R		



EJOT JT3-WD-3 4.8 x 38 R



Fastener Material / Application

A2 stainless steel (bi-metallic)

For securing timber and sheathing boards to steel sections minimum 1.2mm - 3.0mm

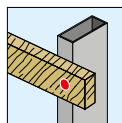
Pinched wings to ream out timber/sheathing boards and shatter upon contact with steelwork, allowing the fixing to self-drill and tap into the steel



Drive Tool

P2

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
4.8 x 38	1.2 - 15.0	100
Order Example: JT3 WD-3 4.8 x 38-R		



EJOT JT3-ST-2-6.0



Fastener Material / Application

A2 stainless steel (bi-metallic)

For timber substructures (40mm embedment)

For steel structures 0.7mm - 1.6mm

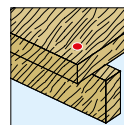
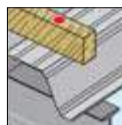
For aluminium structures 2mm



Drive Tool

T25

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
6.0 x 35	-	100
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 JF3-STX-2-4.8 x 25



Fastener Material / Application

A2 stainless steel (bi-metallic)

Fully supported metal systems
stainless steel clip fastener

Installation into timber, plywood and
OSB structures

Installation into steel faced composite panel substrates



Drive Tool

T20W

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
4.8 x 25	-	100
Order Example: JF3-STX-2-4.8 x 25		

Order Example: JF3-STX-2-4.8 x 25



EJOT JT3-6-5.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing and cladding
sheets to light to medium steel sections

For steel structures 1.2mm - 6.0mm in thickness

Can be used in conjunction with S16 and S19
Stainless/EPDM and A29 aluminium vulcanised
sealing washers

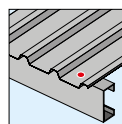
Drive Tool

8mm Hex

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 - 111.0	82.0 - 111.0	82.0 - 110.0	100
5.5 x 150	102.0 - 131.0	102.0 - 131.0	102.0 - 130.0	100
5.5 x 170	122.0 - 151.0	122.0 - 151.0	122.0 - 150.0	100
5.5 x 190	142.0 - 171.0	142.0 - 171.0	142.0 - 170.0	100
*6.3 x 25	2.0 - 7.0	2.0 - 7.0	2.0 - 6.0	100

*6.3mm diameter variant available - 25mm length only

Order Example: JT3-6-5.5 x 25 S16



EJOT JT3-12-5.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing and
cladding sheets to hot rolled steel sections

For steel structures 4.0mm - 12.0mm in
thickness

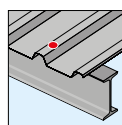
Can be used in conjunction with S16 and
S19 Stainless/EPDM and A29 aluminium
vulcanised sealing washers

Drive Tool

8mm Hex

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



EJOT JT3-18-5.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing and cladding sheets to hot rolled steel sections

For steel structures 4.0mm - 18.0mm in thickness

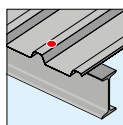
Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 Aluminium vulcanised sealing washers

Drive Tool

 8mm Hex

ø x L (mm)	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
5.5 x 55	4.0 - 18.0	4.0 - 18.0	4.0 - 17.0	100
5.5 x 115	41.0 - 79.0	41.0 - 79.0	41.0 - 78.0	100
5.5 x 155	81.0 - 119.0	81.0 - 119.0	81.0 - 118.0	100
5.5 x 195	121.0 - 159.0	121.0 - 159.0	121.0 - 158.0	100
5.5 x 235	161.0 - 199.0	161.0 - 199.0	161.0 - 198.0	100
5.5 x 275	201.0 - 239.0	210.0 - 239.0	201.0 - 238.0	100

Order Example: JT3-18 5.5 x 55 S16



EJOT JT3-D-6H-5.5/6.3



Fastener Material / Application

A2 stainless steel (bi-metallic)

5.5mm diameter with 6.3mm high thread

Steel profile insulated composite panels to light to medium steel sections 1.2mm - 6.0mm in thickness

Steel profile insulated composite panels to timber sections with 45mm - 50mm embedment.

Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium vulcanised sealing washers

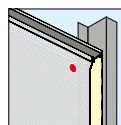
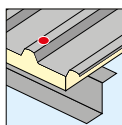
S16 washered variants can be used in conjunction with the EJOT trapezoidal and sinusoidal storm washers

Drive Tool

 8mm Hex

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	36.0 - 48.0	36.0 - 48.0	36.0 - 47.0	100
5.5/6.3 x 87	44.0 - 68.0	44.0 - 68.0	44.0 - 67.0	100
5.5/6.3 x 107	54.0 - 88.0	54.0 - 88.0	54.0 - 87.0	100
5.5/6.3 x 127	74.0 - 108.0	74.0 - 108.0	74.0 - 107.0	100
5.5/6.3 x 147	94.0 - 128.0	94.0 - 128.0	94.0 - 127.0	100
5.5/6.3 x 167	114.0 - 148.0	114.0 - 148.0	114.0 - 147.0	100
5.5/6.3 x 197	144.0 - 178.0	144.0 - 178.0	144.0 - 177.0	100
5.5/6.3 x 237	174.0 - 218.0	174.0 - 218.0	174.0 - 217.0	100
5.5/6.3 x 267	204.0 - 248.0	204.0 - 248.0	204.0 - 247.0	100

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



EJOT JT3-D-12H-5.5/6.3



Fastener Material / Application

A2 stainless steel (bi-metallic)

5.5mm diameter with 6.3mm high thread

Steel faced insulated sandwich panels

Steel sections from 4.0mm - 12.0mm in thickness

Can be used in conjunction with S16 and S19 stainless steel/EPDM and A29 aluminium vulcanised sealing washers

S16 washered variants can be used in conjunction with the EJOT trapezoidal and sinusoidal storm washers

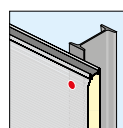
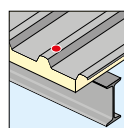
Drive Tool



8mm Hex

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 - 129.0	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
5.5/6.3 x 275	200.0 - 250.0	200.0 - 250.0	200.0 - 249.0	100
5.5/6.3 x 300	225.0 - 275.0	225.0 - 275.0	225.0 - 274.0	100

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



EJOT JT3-2-5.6 x 35



Fastener Material / Application

A2 stainless steel (bi-metallic)

Roofing / cladding steel or aluminium sheets to timber sections

Mechanical performance is dependant on embedment and grade of timber

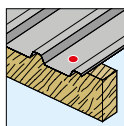
Drive Tool



8mm Hex

ø x L (mm)	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT Max	
5.6 x 35	-	-	100

Order Example: JT3-2-5.6 x 35 S16



EJOT JT3-2-6.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

Roofing / cladding steel or aluminium sheets to timber sections

Mechanical performance is dependant on embedment and grade of timber

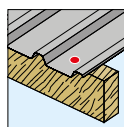
Drive Tool



8mm Hex

ø x L (mm)	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT 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 JT3-LT3-5.5 x 25



Fastener Material / Application

A2 stainless steel (bi-metallic)

For fixing clips to light steel sections
1.2mm - 3.0mm

Low profile head to prevent interference

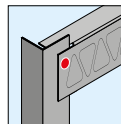
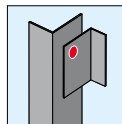
Drive Tool

T25



ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
5.5 x 25	1.2 - 10.0	100

Order Example: JT3-LT3-5.5 x 25



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EJOT JT3-FR-2H-4.8 / JT3-FR-2H-6.3



Fastener Material / Application

A2 stainless steel (bi-metallic)

Laps of roofing / cladding sheets and
flashings

Low profile head available powder coated

Stitching 2 x 0.5mm up to 2 x 1.0mm

Can be used in conjunction with S12
Stainless/EPDM vulcanised sealing washers

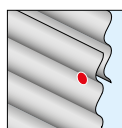
Drive Tool

T25



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
4.8* x 19	0.5 - 4.0	100
6.3 x 25	0.5 - 9.0	100

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



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*ETA Certification for 4.8 diameter only

EJOT JF3-FR-2-5.5 x 25



Fastener Material / Application

A2 stainless steel (bi-metallic)

For Stitching metal to profiled metal sheet
or composite panels

Low profile head available powder coated

Stitching 2 x 0.5mm up to 2 x 1.0mm

Can be used in conjunction with S12
Stainless/EPDM vulcanised sealing washers

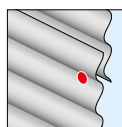
Drive Tool

T25



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
5.5 x 25	0.5 - 8.0	100

Order Example: JF3-FR-2 5.5 x 25 S12



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EJOT JT3-FR-2H-PLUS-5.5 x 25



Fastener Material / Application

A2 stainless steel (bi-metallic)

For fixing profiled roofing and cladding sheets to light steel sections

Steel sections from 0.7mm - 2.0mm (maximum combined drilling capacity 2.7mm)

Low profile head available powder coated

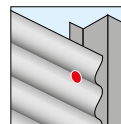
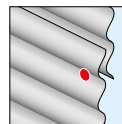
Can be used in conjunction with S12 Stainless/ EPDM vulcanised sealing washers

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
5.5 x 25	0.7 - 7.0	100

Order Example: JT3-FR-2H PLUS 5.5 x 25 S12



EJOT JT3-FR-3-5.5 x 50



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing and cladding sheets to light steel sections

For steel structures 1.2mm - 3.0mm in thickness

Low profile head available powder coated

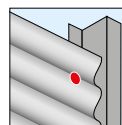
Can be used in conjunction with S12 Stainless/ EPDM vulcanised sealing washers

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
5.5 x 50	1.2 - 30.0	100

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



EJOT JT3-FR-6-5.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing and cladding sheets to light and medium steel sections

For steel structures 1.2mm - 6.0mm in thickness

Low profile head available powder coated

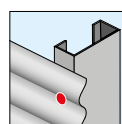
Can be used in conjunction with S12 Stainless/ EPDM vulcanised sealing washers

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
5.5 x 25	1.2 - 6.0	100
5.5 x 35	1.2 - 16.0	100

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



EJOT JT3-FR-12-5.5 x 40



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing and cladding sheets to hot rolled steel sections

For steel structures 4.0mm to 12.0mm in thickness

Low profile head available powder coated

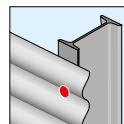
Can be used in conjunction with S12 Stainless/EPDM vulcanised sealing washers



Drive Tool



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
5.5 x 40	4.0 - 12.0	100
Order Example: JT3-FR-12-5.5 x 40 S12		



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EJOT JT3-FR-2-4.9 x 35



Fastener Material / Application

A2 stainless steel (bi-metallic)

For fixing profiled roofing and cladding sheets 0.7mm - 2.0mm to timber sections

Low profile head available powder coated

Mechanical performance is dependant on embedment and grade of timber

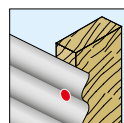
Can be used in conjunction with S12 Stainless/EPDM vulcanised sealing washers



Drive Tool



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
4.9 x 35	-	100
Order Example: JT3-FR-2-4.9 x 35 S12		



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EJOT JF6-2-5.5 x 25



Fastener Material / Application

A4 stainless steel (bi-metallic)

For stitching metal to profiled metal sheet or composite panels

Pierce point geometry designed to minimise swarf generation

Stitching 2 x 0.5mm up to 2 x 1.0mm

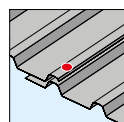
Can be used in conjunction with S16 and S19 Stainless/EPDM vulcanised sealing washers



Drive Tool



ø x L (mm)	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT Max	
5.5 x 25	0.5 - 8.0	0.5 - 8.0	100
Order Example: JF6 2-5.5 x 25 S16			



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EJOT JT6-6-5.5



Fastener Material / Application

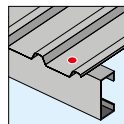
A4 stainless steel (bi-metallic)
 Profiled steel and aluminium roofing and cladding sheets to light to medium steel sections
 For steel structures 1.2mm - 6.0mm in thickness
 Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium vulcanised sealing washers

Drive Tool

8mm Hex

ø x L (mm)	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
5.5 x 25	1.2 - 8.0	1.2 - 8.0	-	100
5.5 x 35	1.2 - 17.0	1.2 - 17.0	1.2 - 16.0	100

Order Example: JT6-6-5.5 x 25 S16



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EJOT JT6-2-6.3 x 30/10



Fastener Material / Application

A4 stainless steel (bi-metallic)
 For stitching of roofing and cladding sheets, composite panels and rooflights
 Pilot point for multi-layered applications
 Stitching 2 x 0.5mm up to 2 x 1.0mm
 Can be used in conjunction with S16 and S19 Stainless/EPDM vulcanised sealing washers

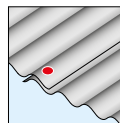
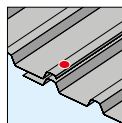


Drive Tool

8mm Hex

ø x L (mm)	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT Max	
6.3 x 30	0.5 - 9.0	0.5 - 9.0	100

Order Example: JT6-2-6.3 x 30/10 S16



EJOT JT6-2-8.0 x 30



Fastener Material / Application

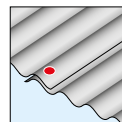
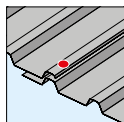
A4 stainless steel (bi-metallic)
 Laps of roofing and cladding sheets
 Rooflights and flashings
 High stripping torque in thin steel
 Can be used in conjunction with S16 and S19 Stainless/EPDM vulcanised sealing washers

Drive Tool

8mm Hex

ø x L (mm)	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT Max	
8.0 x 30	0.5 - 9.0	0.5 - 9.0	100

Order Example: JT6-2-8.0 x 30 S16



EJOT JT6-12-5.5 x 40



Fastener Material / Application

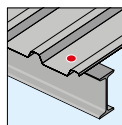
A4 stainless steel (bi-metallic)
 Profiled steel and aluminium roofing and cladding sheets to hot rolled steel sections
 For steel structures 4.0mm - 12.0mm in thickness

Drive Tool

 8mm Hex

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

Order Example: JT6-12-5.5 x 40 S16



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EJOT JT6-D-6H-5.5/6.3



Fastener Material / Application

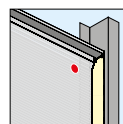
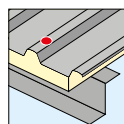
A4 stainless steel (bi-metallic)
 5.5mm diameter with 6.3mm high thread
 For steel profile insulated composite panels to light to medium steel sections 1.2mm - 6.0mm in thickness
 Steel profile insulated composite panels to timber sections with 45mm - 50mm embedment.
 Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium vulcanised sealing washers
 S16 washered variants can be used in conjunction with our trapezoidal and sinusoidal storm washers

Drive Tool

 8mm Hex

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 107	54.0 - 88.0	54.0 - 88.0	54.0 - 87.0	100
5.5/6.3 x 127	74.0 - 108.0	74.0 - 108.0	74.0 - 107.0	100
5.5/6.3 x 147	94.0 - 128.0	94.0 - 128.0	94.0 - 127.0	100
5.5/6.3 x 167	114.0 - 148.0	114.0 - 148.0	114.0 - 147.0	100
5.5/6.3 x 197	144.0 - 178.0	144.0 - 178.0	144.0 - 177.0	100
5.5/6.3 x 237	174.0 - 218.0	174.0 - 218.0	174.0 - 217.0	100

Order Example: JT6-D-6H-5.5/6.3 x 127 S16



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EJOT JT6-D-12H-5.5/6.3



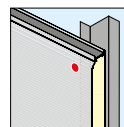
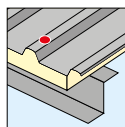
Fastener Material / Application

A4 stainless steel (bi-metallic)
 5.5mm diameter with 6.3mm high thread
 For steel profile insulated composite panels to hot rolled steel sections 4.0mm - 12.0mm in thickness
 Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium vulcanised sealing washers
 S16 washered variants can be used in conjunction with our trapezoidal and sinusoidal storm washers

Drive Tool



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 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 - 129.0	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: JT6-D-12H 5.5/6.3 x 115 S16				



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EJOT JT6-FR-6-5.5 x 25



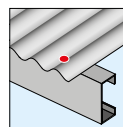
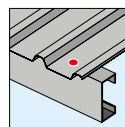
Fastener Material / Application

A4 stainless steel (bi-metallic)
 Profiled steel and aluminium roofing and cladding sheets to light to medium steel sections
 For steel structures 1.2mm - 6.0mm in thickness
 Low profile head available powder coated
 Can be used in conjunction with S12 Stainless/EPDM vulcanised sealing washers

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
5.5 x 25	1.2 - 6.0	100
Order Example: JT6-FR-6-5.5 x 25 S12		



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EJOT® self-drilling fasteners: Stainless steel

Manufactured entirely from austenitic stainless steel material grade 304 A2 (JT4) and 316 A4 (JT9) and specifically engineered for drilling and tapping into aluminium sections or timber substrates.

The drill points and thread forms are engineered to provide maximum mechanical performance with ease of installation into aluminium.

Where specified they are assembled with a high quality metal and EPDM vulcanised sealing washer ensuring an air-tight seal every time. Zinc plating coupled with a wax coating provides enhanced aesthetics and lubrication, ensuring a smooth installation process.



Colour Matching

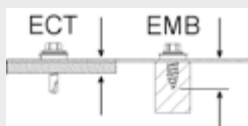
See page 40 for our EJOT Colorfast, the unique integral nylon encapsulation system available for many self-drilling fasteners.

Powder-coating is also available for all low profile stainless steel fasteners in this range. Please ask for details.



Terminology and codes

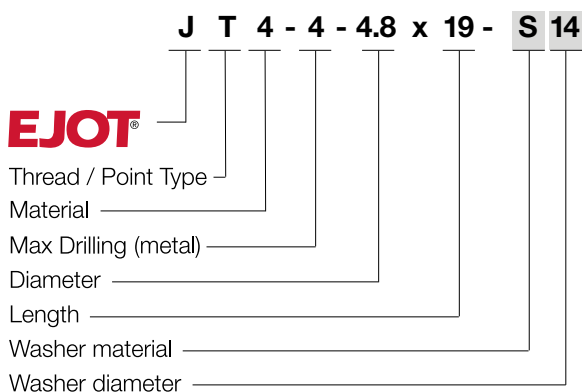
ECT: Effective Clamping Thickness is the total thickness of the build up to be fixed.



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

Fastener identification codes

JT4	A2 grade stainless steel Bi-met self-drilling fastener
JT9	A4 grade stainless steel Bi-met self-drilling fastener



EJOT JT4-4-4.8 x 19



Fastener Material / Application

Austenitic A2 stainless steel

For aluminium sheets, sections / helping hand brackets to aluminium 1.5mm - 4.0mm

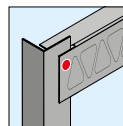
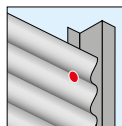
Can be assembled with S14 stainless steel/ EPDM vulcanised sealing washer

Drive Tool

 : o o "J gz

ø x L (mm)	Washer Options		Min Qty
	Unwashed Min ECT Max	S14 Min ECT Max	
4.8 x 19	1.5 - 9.0	1.5 - 7.0	100

Order Example: JT4-4-4.8 x 19 S14



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EJOT JT4-FR-4-4.8 / JT4-FR-4-5.5



Fastener Material / Application

Austenitic A2 stainless steel

For aluminium sheets, sections / helping hand brackets to aluminium 1.5mm - 4.0mm

Can be assembled with S12 stainless steel/ EPDM vulcanised sealing washer

Low profile head available powder coated

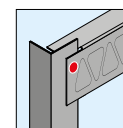
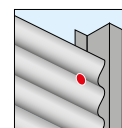
Drive Tool

 V47



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
4.8 x 19	1.5 - 6.0	100
5.5 x 19	1.5 - 6.0	100

Order Example: JT4-FR-4-4.8 x 19 S12



JT4-ZT-4-4.8



Fastener Material / Application

Austenitic A2 stainless steel

For aluminium sheets, sections / helping hand brackets to aluminium 1.5mm - 4.0mm

Low profile head available powder coated

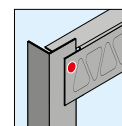
Drive Tool

 V47



ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
4.8 x 19	1.5 - 9.0	100
4.8 x 25	1.5 - 15.0	100

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



EJOT JT4-6-5.5



Fastener Material / Application

Austenitic A2 stainless steel

For aluminium sheets and sections / helping hand brackets to aluminium 2.0mm - 6.0mm

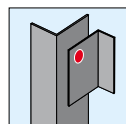
Can be used in conjunction with A15 aluminium / EPDM vulcanised sealing washers

Drive Tool



ø x L (mm)	Washer Options		Min Qty
	Unwashed Min ECT Max	A15 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 A15



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EJOT JT4-FR-2 4.9 x 35



Fastener Material / Application

Austenitic A2 stainless steel

For aluminium sheets and sections to timber

Can be used in conjunction with S12 stainless steel / EPDM vulcanised sealing washers

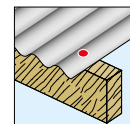
Low profile head available powder coated

Drive Tool



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
4.9 x 35	-	100

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



EJOT JT9-4-4.8 x 19



Fastener Material / Application

Austenitic A4 stainless steel

For aluminium sheets and sections / helping hand brackets to aluminium 1.5mm - 4.0mm

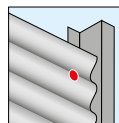
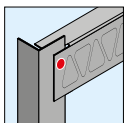
Can be used in conjunction with S14 stainless steel / EPDM vulcanised sealing washers

Drive Tool



ø x L (mm)	Washer Options		Min Qty
	Unwashed Min ECT Max	S14 Min ECT Max	
4.8 x 19	1.5 - 9.0	1.5 - 7.0	100

Order Example: JT9-4-4.8 x 19 S14



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EJOT JT9-6 5.5



Fastener Material / Application

Austenitic A4 stainless steel

For aluminium sheets and sections /
helping hand brackets to aluminium
2.0mm - 6.0mm

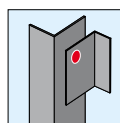
Can be used in conjunction with A15
aluminium / EPDM vulcanised sealing
washers

Drive Tool



8mm Hex

ø x L (mm)	Washer Options		Min Qty
	Unwashed Min ECT Max	A15 Min ECT Max	
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
5.5 x 40	2.0 - 29.0	2.0 - 26.0	100
Order Example: JT9-6-5.5 x 22 A15			



EJOT JT9-FR 4 5.5



Fastener Material / Application

Austenitic A4 stainless steel

For aluminium sheets / sections to
aluminium 1.5mm - 4.0mm

Can be used in conjunction with S12
stainless steel / EPDM vulcanised
sealing washers

Low profile head available powder
coated

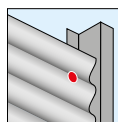
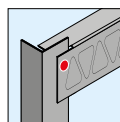
Drive Tool



T25



ø x L (mm)	Washer Options	Min Qty
	S12 Min ECT Max	
5.5 x 25	1.5 - 11.0	100
5.5 x 35	1.5 - 21.0	100
Order Example: JT9-FR-4-5.5 x 25 S12		



EJOT® self-drilling fasteners: Colorfast®

Unique integral nylon head

Incorporating the unique and integral high impact resistant EJOT coloured nylon head, these fasteners are specifically manufactured for the efficient fixing of profiled metal roofing and cladding sheets whilst providing colour matching and near permanent corrosion resistance.

The drill points and thread forms are engineered to provide maximum mechanical performance and all fasteners in this range are assembled with a high quality aluminium/EPDM sealing washer for an air-tight seal every time.

Carbon steel screws incorporate an organic coating providing maximum corrosion resistance whereas stainless steel versions are zinc plated to increase aesthetic value and provide lubrication during installation.



Colour Matching

The unique integral COLORFAST® head provides additional corrosion resistance.

Colour matching to all industry recognised systems is available across the entire EJOT COLORFAST® range. Please ask for details.



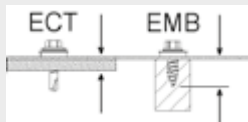
Terminology and codes

ECT: Effective Clamping

Thickness is the total thickness of the build up to be fixed.

EMB: Embedment

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



Fastener identification codes

JT3	A2 Stainless Steel Bi-Met Self-Drilling fastener Bi-Met = Head and main threaded section of fastener stainless steel with hardened carbon steel drill point (including lead-in threads) welded onto stainless steel fastener)
JF3	EJOFast A2 Grade Stainless Steel Bi-Met Self-Drilling/piercing fastener
RLS	Roof Light Stitcher
JT6	A4 Grade Stainless Steel Bi-Met Self-Drilling fastener
JF6	EJOFast A4 Grade Stainless Steel Bi-Met Self-Drilling/piercing Fastener
CF	EJOT® COLORFAST® integral nylon head

CF 15 J T 3 - 2 - 6.3 x 25

Product type

Washer diameter

EJOT®

Thread / Point Type

Material

Max thickness (metal)

Diameter

Length

EJOT COLORFAST® CF15 SF



Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

Laps or roofing / cladding sheets and flashings 0.5mm - 1.2mm in thickness

Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

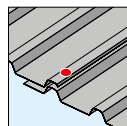
Drive Tool

 11mm Bi-hex



ø x L (mm)	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
6.3 x 25	0.7 - 9.0	0.7 - 9.0	100

Order Example: CF15 SF 6.3 x 25



EJOT COLORFAST® CF15 JF2-2



Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

Laps or roofing / cladding sheets and flashings

Pierce point non-skid application

Fastening with minimum swarf

For steel sheets and flashings 0.4mm - 1.0mm in thickness

Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

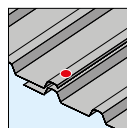
Drive Tool

 11mm Bi-hex



ø x L (mm)	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
5.5 x 25	0.5 - 8.0	0.5 - 8.0	100

Order Example: CF15 JF2-2-5.5 x 25



EJOT COLORFAST® CF15 SFMS



Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

Laps or roofing / cladding sheets and flashings

For steel sheets and flashings 0.5mm - 1.2mm in thickness

Head option CF15 aluminium / EPDM vulcanised sealing washers

N.B. High stripping torque for thin steel

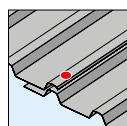
Drive Tool

 11mm Bi-hex



ø x L (mm)	Head Options	Min Qty
	CF15 Min ECT Max	
8.0 x 30	0.7 - 9.0	100

Order Example: CF15 SFMS 8.0 x 30



EJOT COLORFAST® CF15 LS



Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

Profiled roofing / cladding sheets

For steel structures 1.2mm - 3.0mm in thickness

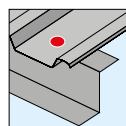
Head options CF15 / CF19 / CF29 aluminium / EPDM vulcanised sealing washers



Drive Tool

 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 - 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
5.5 x 70	1.2 - 53.0	1.2 - 53.0	1.2 - 52.0	100
Order Example: CF15 LS 5.5 x 25				



EJOT COLORFAST® CF15 HS



Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

Profiled roofing / cladding sheets

For steel structures 4.0mm - 12.0mm in thickness

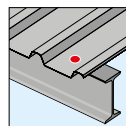
Head options CF15 / CF19 / CF29 aluminium / EPDM vulcanised sealing washers



Drive Tool

 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 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® CF15 JT2-18



Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

Profiled roofing / cladding sheets

For steel structures 4.0mm - 18.0mm in thickness

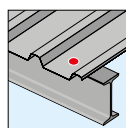
Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers



Drive Tool

 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 40	4.0 - 10.0	4.0 - 10.0	N/A	100
5.5 x 60	4.0 - 30.0	4.0 - 30.0	4.0 - 29.0	100
Order Example: CF15 JT2-18 5.5 x 40				



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EJOT COLORFAST® CF15 JT2-D6

Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

5.5mm diameter with 6.3mm high thread

Steel faced insulation sandwich panels

For steel structures 1.2mm - 6.0mm in thickness

Head options CF15 / CF19 / CF29
aluminium / EPDM vulcanised sealing washers

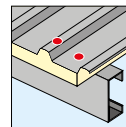
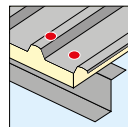
Drive Tool

 **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 62	36.0 - 48.0	36.0 - 48.0	36.0 - 47.0	100
5.5/6.3 x 82	28.0 - 68.0	28.0 - 68.0	28.0 - 67.0	100
5.5/6.3 x 102	48.0 - 88.0	48.0 - 88.0	48.0 - 87.0	100
5.5/6.3 x 122	68.0 - 108.0	68.0 - 108.0	68.0 - 107.0	100
5.5/6.3 x 135	81.0 - 121.0	81.0 - 121.0	81.0 - 120.0	100
5.5/6.3 x 152	98.0 - 138.0	98.0 - 138.0	98.0 - 137.0	100
5.5/6.3 x 172	118.0 - 158.0	118.0 - 158.0	118.0 - 157.0	100
5.5/6.3 x 192	138.0 - 178.0	138.0 - 178.0	138.0 - 177.0	100
5.5/6.3 x 232	178.0 - 218.0	178.0 - 218.0	178.0 - 217.0	100
5.5/6.3 x 262	208.0 - 248.0	208.0 - 248.0	208.0 - 247.0	100

Order Example: CF15 JT2-D6 5.5/6.3 x 62



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EJOT COLORFAST® CF15 JT2-D12

Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

5.5mm diameter with 6.3mm high thread

Steel faced insulation sandwich panels

For steel structures 4.0mm - 12.0mm in thickness

Head options CF15 / CF19 / CF29
aluminium / EPDM vulcanised sealing washers

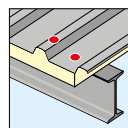
Drive Tool

 **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 95	53.0 - 71.0	53.0 - 71.0	53.0 - 70.0	100
5.5/6.3 x 115	63.0 - 91.0	63.0 - 91.0	63.0 - 90.0	100
5.5/6.3 x 135	73.0 - 111.0	73.0 - 111.0	73.0 - 110.0	100
5.5/6.3 x 155	93.0 - 133.0	93.0 - 133.0	93.0 - 132.0	100
5.5/6.3 x 195	123.0 - 173.0	123.0 - 173.0	123.0 - 172.0	100
5.5/6.3 x 235	163.0 - 213.0	163.0 - 213.0	163.0 - 212.0	100
5.5/6.3 x 250	178.0 - 228.0	178.0 - 228.0	178.0 - 227.0	100
5.5/6.3 x 275	203.0 - 253.0	203.0 - 253.0	203.0 - 252.0	100
5.5/6.3 x 300	228.0 - 278.0	228.0 - 278.0	228.0 - 277.0	100

Order Example: CF15 JT2-D12 5.5/6.3 x 95



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EJOT COLORFAST® CF15 TS



Fastener Material / Application

Carbon steel with an organic corrosion resistant finish

Profiled roofing / cladding sheets

For timber: mechanical performance is dependent on embedment and grade of timber

Head options CF15 / CF19 / CF29

aluminium / EPDM vulcanised sealing washers

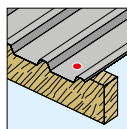
Drive Tool

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 32



EJOT COLORFAST® CF15 JT3-2-6.3



Fastener Material / Application

A2 stainless steel (bi-metallic)

Lap stitching of steel or aluminium roofing / cladding sheets / flashings

Laps to rooflights

Stitching 2 x 0.5mm up to 2 x 1.0mm

Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

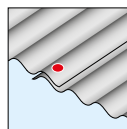
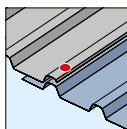
Drive Tool

11mm Bi-hex



ø x L (mm)	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
6.3 x 25	0.5 - 6.0	0.5 - 6.0	100

Order Example: CF15 JT3-2-6.3 x 25



EJOT COLORFAST® CF15 JT3-2-6.0



Fastener Material / Application

A2 stainless steel (bi-metallic)

Lap stitching of steel or aluminium roofing / cladding sheets / flashings

Laps to rooflights

Steel sections from 0.7mm - 1.6mm

Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

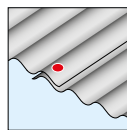
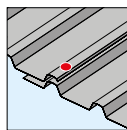
Drive Tool

11mm Bi-hex



ø x L (mm)	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
6.0 x 25	0.5 - 6.0	0.5 - 6.0	100
6.0 x 35	0.5 - 16.0	0.5 - 16.0	100

Order Example: CF19 JT3-2-6.0 x 35



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EJOT COLORFAST® CF15 JF3-2-5.5



Fastener Material / Application

A2 stainless steel (bi-metallic)

Lap stitching of steel or aluminium roofing / cladding sheets / flashings

Pierce point geometry designed to minimise swarf generation

Stitching 2 x 0.5mm up to 2 x 1.0mm

Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

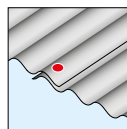
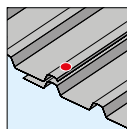
Drive Tool

11mm Bi-hex



ø x L (mm)	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
5.5 x 25	0.5 - 6.0	0.5 - 6.0	100

Order Example: CF15 JF3-2-5.5 x 25



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EJOT COLORFAST® CF19 RLS



Fastener Material / Application

A2 stainless steel

Stitching rooflight laps

Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

Suitable for GRP

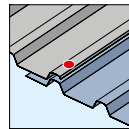
Drive Tool

11mm Bi-hex



ø x L (mm)	Head Options		Min Qty
	CF19 Min ECT Max	CF29 Min ECT Max	
RLS x 25	8.0 - 15.0	8.0 - 14.0	100

Order Example: CF19 RLS 25



EJOT COLORFAST® CF15 JT3-3



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing / cladding sheets

For steel structures 1.2mm - 3.0mm in thickness

Head options CF15 / CF19 / CF29 aluminium / EPDM vulcanised sealing washer

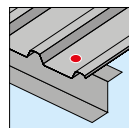
Drive Tool

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



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EJOT COLORFAST® CF15 JT3-6



Fastener Material / Application

A2 stainless steel (bi-metallic)

Profiled steel and aluminium roofing / cladding sheets

For steel structures 1.2mm - 6.0mm in thickness

Head options CF15 / CF19 / CF29 aluminium / EPDM vulcanised sealing washer

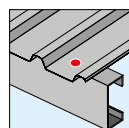
Drive Tool

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	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
6.3 x 25	2.0 - 5.0	2.0 - 5.0	N/A	100

Order Example: CF15 JT3-6-5.5 x 25



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EJOT COLORFAST® CF15 JT3-12



Fastener Material / Application

A2 stainless steel (bi-metallic)
 Profiled steel and aluminium roofing / cladding sheets
 For steel structures 4.0mm - 12.0mm in thickness
 Head options CF15 / CF19 / CF29 aluminium / EPDM vulcanised sealing washer

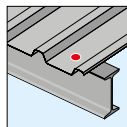
Drive Tool

 **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 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



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 ETA-13/0177

EJOT COLORFAST® CF15 JT3-18



Fastener Material / Application

A2 stainless steel (bi-metallic)
 Profiled steel and aluminium roofing / cladding sheets
 For steel structures 4.0mm - 18.0mm in thickness
 Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

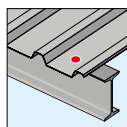
Drive Tool

 **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 55	4.0 - 17.0	4.0 - 17.0	4.0 - 16.0	100

Order Example: CF15 JT3-18-5.5 x 55



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 ETA-13/0177

EJOT COLORFAST® CF15 JT3-D-6H



Fastener Material / Application

A2 stainless steel (bi-metallic)
 5.5mm diameter with 6.3mm high thread
 Steel faced insulated sandwich panels
 For steel structures 1.2mm - 6.0mm in thickness
 Steel profile insulated composite panels to timber sections with 45mm - 50mm embedment.
 Head options CF15 / CF19 / CF29 aluminium / EPDM vulcanised sealing washers

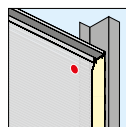
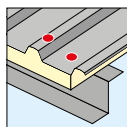
Drive Tool

 **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	34.0 - 46.0	34.0 - 46.0	34.0 - 45.0	100
5.5/6.3 x 87	42.0 - 66.0	42.0 - 66.0	42.0 - 65.0	100
5.5/6.3 x 107	52.0 - 86.0	52.0 - 86.0	52.0 - 85.0	100
5.5/6.3 x 127	72.0 - 106.0	72.0 - 106.0	72.0 - 105.0	100
5.5/6.3 x 147	92.0 - 126.0	92.0 - 126.0	92.0 - 125.0	100
5.5/6.3 x 167	112.0 - 146.0	112.0 - 146.0	112.0 - 145.0	100
5.5/6.3 x 197	142.0 - 176.0	142.0 - 176.0	142.0 - 175.0	100
5.5/6.3 x 237	172.0 - 216.0	172.0 - 216.0	172.0 - 215.0	100
5.5/6.3 x 267	202.0 - 246.0	202.0 - 246.0	202.0 - 245.0	100

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



ETA-13/0177

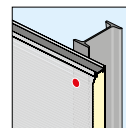
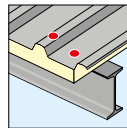
EJOT COLORFAST® CF15 JT3-D-12H

Fastener Material / Application

A2 stainless steel (bi-metallic)
 5.5mm diameter with 6.3mm high thread
 Steel faced insulated sandwich panels
 For steel structures from 4.0mm - 12.0mm in thickness
 Head options CF15 / CF19 / CF29
 aluminium / EPDM vulcanised sealing washers

Drive Tool
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
5.5/6.3 x 275	208.0 - 248.0	208.0 - 248.0	208.0 - 247.0	100
5.5/6.3 x 300	233.0 - 273.0	233.0 - 273.0	233.0 - 272.0	100
Order Example: CF15 JT3-D-12H-5.5/6.3 x 75				



ETA-13/0177

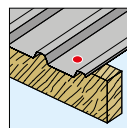
EJOT COLORFAST® CF15 JT3-2-5.6

Fastener Material / Application

A2 stainless steel (bi-metallic)
 Roofing / cladding steel /
 aluminium sheets
 For timber
 Mechanical performance is dependant on
 embedment and grade of timber
 Head options CF15 / CF19 aluminium / EPDM
 vulcanised sealing washers

Drive Tool
11mm Bi-hex


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				

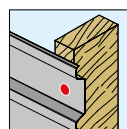

EJOT COLORFAST® CF15 JT3-2-6.5

Fastener Material / Application

A2 stainless steel (bi-metallic)
 Roofing / cladding steel /
 aluminium sheets
 For timber
 Mechanical performance is dependant on
 embedment and grade of timber
 Head options CF15 / CF19 / CF29
 aluminium / EPDM vulcanised sealing washers

Drive Tool
11mm Bi-hex


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
6.5 x 65	-	-	-	100
6.5 x 80	-	-	-	100
Order Example: CF15 JT3-2-6.5 x 50				


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 ETA-13/0177

EJOT COLORFAST® CF15 JF6-2

Fastener Material / Application

A4 stainless steel (bi-metallic)
 For stitching metal to profiled metal sheets / composite panels
 Pierce point geometry designed to minimise swarf generation
 Head options CF15 / CF19 / CF29
 aluminium / EPDM vulcanised sealing washers
 Stitching 2 x 0.5mm up to 2 x 1.0mm

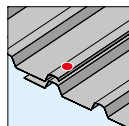
Drive Tool

11mm Bi-hex



Ø x L (mm)	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
5.5 x 25	0.5 - 6.0	0.5 - 6.0	100

Order Example: CF15 JF6-2-5.5 x 25



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EJOT COLORFAST® CF15 JT6-2-6.3 x 30/10

Fastener Material / Application

A4 stainless steel (bi-metallic)
 Laps or roofing / cladding sheets / flashings
 Laps in rooflights
 Pilot point for multi-layered applications
 Stitching 2 x 0.5mm up to 2 x 1.0mm
 Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

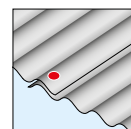
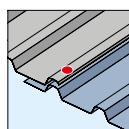
Drive Tool

11mm Bi-hex



Ø x L (mm)	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
6.3 x 30	0.5 - 8.0	0.5 - 8.0	100

Order Example: CF15 JT6-2-6.3 x 30/10


EJOT COLORFAST® CF15 JT6-2-8.0 x 30

Fastener Material / Application

A4 stainless steel (bi-metallic)
 Laps stitching of roofing / cladding sheets / flashings
 Laps in rooflights
 High stripping torque in thin steel
 Head options CF15 / CF19 aluminium / EPDM vulcanised sealing washers

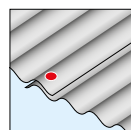
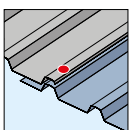
Drive Tool

11mm Bi-hex



Ø x L (mm)	Washer Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
8.0 x 30	0.7 - 8.0	0.7 - 8.0	100

Order Example: CF15-JT6-2-8.0 x 30


EJOT COLORFAST® CF15 JT6-6

Fastener Material / Application

A4 stainless steel (bi-metallic)
 Profiled steel and aluminium roofing / cladding sheets
 For steel structures 1.2mm - 6.0mm in thickness
 Head options CF15 / CF19 / CF29 aluminium / EPDM vulcanised sealing washers

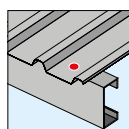
Drive Tool

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	2.0 - 5.0	2.0 - 5.0	N/A	100
5.5 x 35	2.0 - 15.0	2.0 - 14.0	2.0 - 13.0	100

Order Example: CF15 JT6-6-5.5 x 25



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 ETA-13/0177

EJOT COLORFAST® CF15 JT6-12

Fastener Material / Application

A4 stainless steel (bi-metallic)
 Profiled steel and aluminium roofing
 / cladding sheets

For steel structures 4.0mm - 12.0mm in thickness

Head options CF15 / CF19 aluminium / EPDM
 vulcanised sealing washers

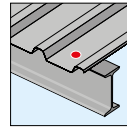
Drive Tool

11mm Bi-hex



ø x L (mm)	Head Options		Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	
5.5 x 40	4.0 - 10.0	4.0 - 10.0	100

Order Example: CF15 JT6-12-5.5 x 40


EJOT COLORFAST® CF15 JT6-D-6H

Fastener Material / Application

A4 stainless steel (bi-metallic)
 5.5mm diameter with 6.3mm high thread
 Steel faced insulated sandwich panels

For steel structures 1.2 - 6.0mm in thickness

Steel profile insulated composite panels to timber
 sections with 45mm - 50mm embedment.

Head options CF15 / CF19 / CF29
 aluminium / EPDM vulcanised sealing washers

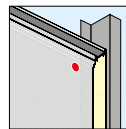
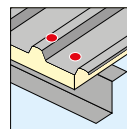
Drive Tool

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 107	52.0 - 86.0	52.0 - 86.0	52.0 - 85.0	100
5.5/6.3 x 127	72.0 - 106.0	72.0 - 106.0	72.0 - 105.0	100
5.5/6.3 x 147	92.0 - 126.0	92.0 - 126.0	92.0 - 125.0	100
5.5/6.3 x 167	112.0 - 146.0	112.0 - 146.0	112.0 - 145.0	100
5.5/6.3 x 197	142.0 - 176.0	142.0 - 176.0	142.0 - 175.0	100
5.5/6.3 x 237	172.0 - 216.0	172.0 - 216.0	172.0 - 215.0	100

Order Example: CF15 JT6-D-6H-5.5/6.3 x 107


EJOT COLORFAST® CF15 JT6-D-12H

Fastener Material / Application

A4 stainless steel (bi-metallic)
 5.5mm diameter with 6.3mm high thread
 Steel faced insulated sandwich panels

For steel structures 4.0 - 12.0mm in thickness

Head options CF15 / CF19 / CF29
 aluminium / EPDM vulcanised sealing washers

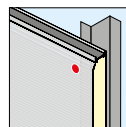
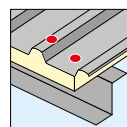
Drive Tool

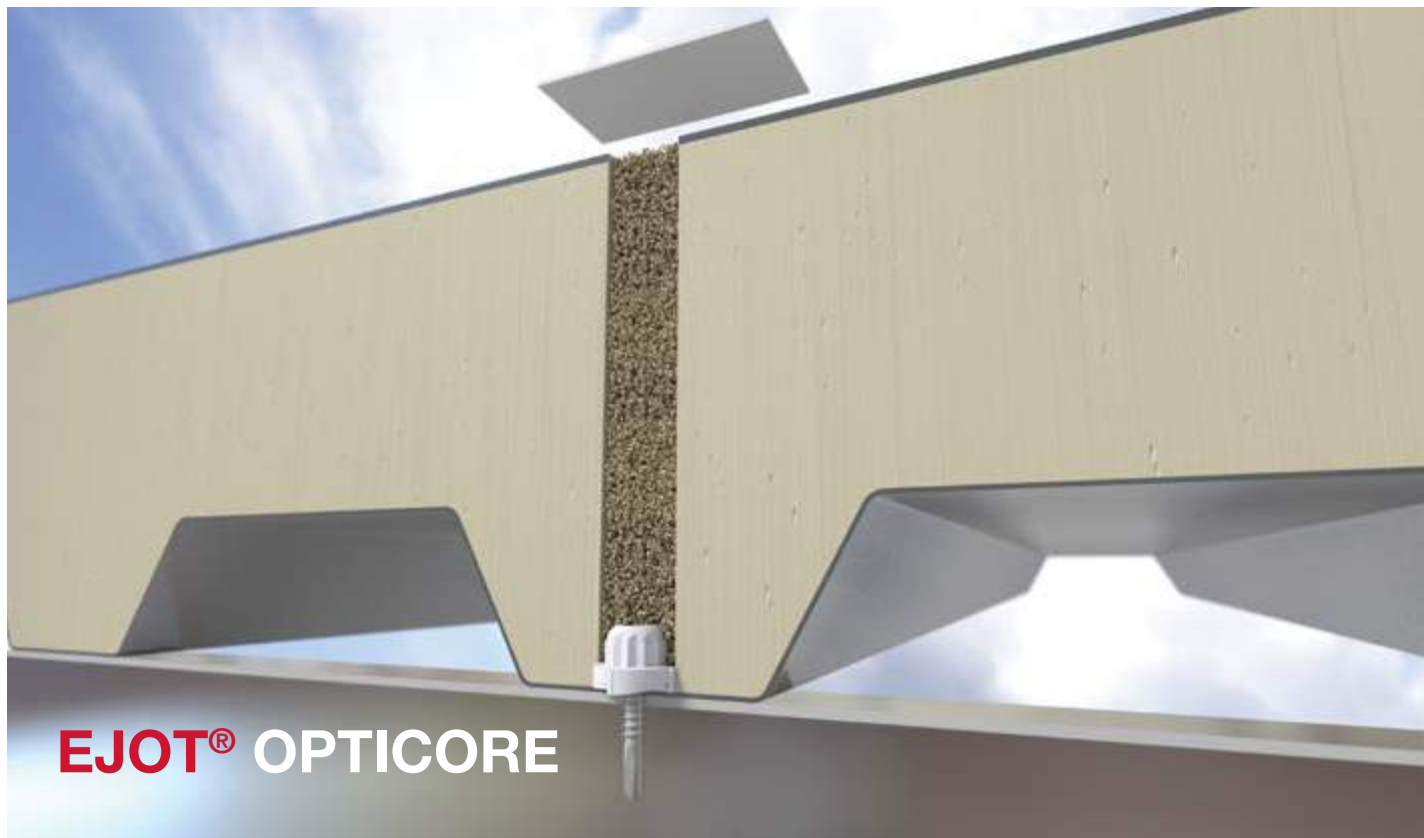
11mm Bi-hex



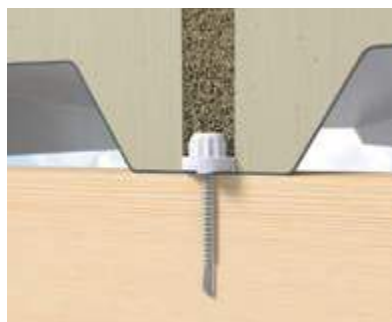
ø x L (mm)	Head Options			Min Qty
	CF15 Min ECT Max	CF19 Min ECT Max	CF29 Min ECT Max	
5.5/6.3 x 115	66.0 - 88.0	66.0 - 88.0	66.0 - 87.0	100
5.5/6.3 x 135	80.0 - 108.0	80.0 - 108.0	80.0 - 107.0	100
5.5/6.3 x 155	100.0 - 128.0	100.0 - 128.0	100.0 - 127.0	100
5.5/6.3 x 175	118.0 - 148.0	118.0 - 148.0	118.0 - 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 JT6-D-12H-5.5/6.3 x 115





The self-coring one-step fix for membrane faced composite panels



OPTICORE is EJOT's unique and patented integral nylon head, designed to encapsulate fasteners from our high-performance self-drilling range. OPTICORE is engineered to provide a dual drive fastening system that enables rapid self-coring of membrane faced insulation panels, and a secure fix into hot and cold rolled steel, and timber.

Key to OPTICORE's advantage is the coring action created by strategically placed cutting fins. These simply snap free as the fastener 'pulls up' and the nylon to metal relationship means there is no compromise to the integrity of the panel's lining skin. The composition of the OPTICORE head also provides significantly better thermal retention values over metal counterparts.

EJOT® Opticore

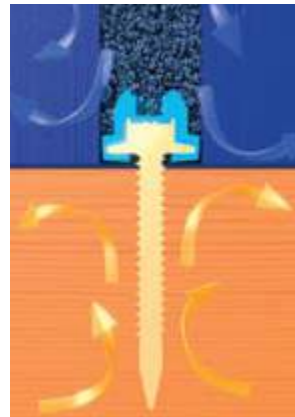
Opticore's patented core-drilling head integrates with EJOT's high performance self-drilling fastener range

Dual drive options for rapid self-coring and installation into all substrates. The innovative design of the Opticore head provides installers with a choice of drive tools:

An internal T30 Plus creates a fast and secure installation where stitching or fixing to cold rolled steel. Once driven home the torque applied during installation strips out the nylon teeth within the drive recess, creating a perfect fix every time.

An 11mm bi-hex external drive bar provides an improved 'surface over fix' ratio, creating a far more responsive installation into hot rolled steel and timber substrates.

The integral Opticore head design is manufactured in high strength moulded nylon. The 'cutting fins' are unique to the Opticore patent and create the smooth coring of the panel's insulation. On secure 'pull-up' of the fastener into the substrate, the fins simply snap away without any compromise to the integral lining.



A combination of hot box tests and thermal activity recording at EJOT's testing centre Applitec, has repeatedly shown that the composition of the Opticore head provides significantly better thermal retention values over all-metal fastenings.

Designed to encapsulate EJOT® self-drilling fasteners

The Opticore head is designed to encapsulate all high-performance fasteners from our self-drilling range, creating a fast one-step fix for stitching, light section steel, heavy section steel and plywood.

Opticore Fasteners in Carbon Steel

High quality case hardened carbon steel with corrosion resistant coating.

Order description	Length (mm)	Diameter (mm)	Min Qty
Opticore SF 6.3 x 25	25	6.3	100
Opticore LS 5.5 x 32	32	5.5	100
Opticore HS 5.5 x 38	38	5.5	100
Opticore TS 6.3 x 45	45	6.3	100

SF 6.3 x 25 LS 5.5 x 32 HS 5.5 x 38 TS 6.3 x 45



Opticore Fasteners in Stainless Steel

High quality stainless steel grade A2 to ISO 3506, EN 1.4301 to ISO 10088, AISI 304. Also available in A4.

Order description	Length (mm)	Diameter (mm)	Min Qty
Opticore JT3-2-6.3 x 25	25	6.3	100
Opticore JT3-2-5.5 x 25	25	5.5	100
Opticore JT3-12-5.5 x 40	40	5.5	100
Opticore JT3-2-6.5 x 50	50	6.3	100

JT3-2-6.3 x 25 JT3-3-5.5 x 25 JT3-12-5.5 x 40 JT3-2-6.5 x 50



OPTICORE Drive Bars

OPTICORE External Drive Bar 11mm Bi-Hex

OPTICORE Internal Drive Bar Torx 30 Plus

OPTICORE 1/4" EXT Hex Drive bar 11mm ext



EJOT® Fastener installation guide

Choosing the correct installation tool is essential for the fastener to drill and tap in the way it has been designed to perform.

The selected screw gun will need to be equipped with a variable trigger to deliver a controlled overall speed without end loading, of between 1700 and 2000 rpm. It will need to provide torque of up to 30 Nm allied to a clutch mechanism to ensure that excessive torque and speed is not retained, causing damage or the 'stripping out' the fastener.

There are many types of screwguns available, but correct drilling speed, clutch and torque needs are necessary for fasteners to be installed safely and correctly. See recommended drill speeds and end loads on page 54.



Self-drilling and self-tapping fasteners are installed by depth rather than torque. That means that using an approved depth-adjustable nosepiece is essential.

Torque requirements are affected by various factors which include the material grade and thickness including its yield strength. The substrate hardness and the same parameters of the material being secured also come into play.

The tightening torque needs to be gauged/calculated so that the torque level is sufficient to tighten the fastener assembly before reaching a point at which stripping occurs. Installing by depth negates the torque variables mentioned, and many more.



Gt 'gvvxl kj 'j kvzn'gj p yzghrk"
t uykvdi k'g'kykt zgr4

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 (JT2-D12 5.5/6.3 x 135 A15) min/max ECT 75.0 - 113mm

Minimum range (75.0 – 12.0mm = 63mm), Maximum (113.0 – 12.0mm = 101mm)
= suitable for panel thickness range of 63mm to 101mm

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.



Recommended installation tools



FEIN ASCS 6.3 Select

Li-ion battery powered screwgun supplied with a depth stop nosepiece.

Ykk"-Zuur'gi i kyyuxky-vgnky4



W8VB2 TEKS® 110V Screwdriver

Supplied with a depth stop nosepiece.

Ykk"-Zuur'gi i kyyuxky-vgnky4

The wrong tools

Installation tools that are outside our recommended parameters will have a detrimental effect by reducing the performance of the fastener or damaging the material that the fastener is being installed into.



Q vgi z'j x'p kxy

Xk| u| k'gzhom'yvkkj y'j k'p k'x' m'g'hgs s k'x'gi zait 'ul' g'u{ t j '92 66'Q vgi z'y'Vko'S d { zk40 yzngzait 'zuw' k' i gt 'hk'hkz kkt '776'Ts '3'< 6'Ts 2' gi 'd 'k-i kyy'ul' j kj o gzkj 'yi xk' n' t y'zngz'uvk'gzk' v 'zu'96'Ts 4



J xar'j x'p kxy

J k'p k'x'hu' 'xuzgait gr'yvkkj y'hkz kkt " =66'3'7; 66'ws 'gt j 'i gt 'gryu'ng' k'g'hu' 'zuw' k'x'gzi m'f] noyz'o kgr'lux'j xar' m'f an'NNY'j xar'hoy'gt j 'd yzngz m'f } uu j 'yi xk' y2zkyk'gk't uz'y' hyzgt zgr'kt u' m'n'lux'znk' d yzngzait 'ul'ykl'3 xar' m'fgyzkt kxy4



J x' 'Pd d m'Yi xk' m' t y

Mkt kogri 'j k'p k'x'uzgait gr'yvkkj y'lus " 82 66'3'<266'ws 4Gz'zkyk'yvkkj y'znk'k-i kyy'p k' l'x' zait 'gt j 'hkgz' ar' g' yk'ykl'3 xar' m'fgyzkt kxy'zu' h' x' t 3u' z'4' 'zn' t k'x' gzk'gry'znk'lgzkt k'f gt 'kgy' 'hk' u' k'j x'p kt 'ux'yzo'v kj 4

Recommended drill speeds and end loads

EJOT JT2 carbon steel self-drilling fasteners

Product Code	ø x L mm	Drilling Speeds			End Load Kg
		1300 RPM	1500 RPM	1800 RPM	
JF2-2	5.5 x All				17
SF	6.3 x All				25
SFMS	8.0 x All				25
LS	5.5 x All				25
JT2 - 3 -	4.8 x All				17
JT2 - 3 -	5.5 x All				25
JT2 - 6 -	6.3 x All				27
JT2 - D6 -	5.5/6.3 x All				27
HS	5.5 x All				35
JT2-D12	5.5/6.3 x All				35
JT2-12 -	6.3 x All				35
JT2-18 -	5.5 x All				35

EJOT JT3/JT6 stainless steel bi-metallic self-drilling fasteners

Product Code	ø x L mm	Drilling Speeds			End Load Kg
		1300 RPM	1500 RPM	1800 RPM	
JF3 - 2	5.5 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 - 6	5.5 x All				27
JT3 - 6	6.3 x All				27
D-6H	5.5/6.3 x All				27
JT3 - 12	5.5 x All				35
JT3 - 18	5.5 x All				35
D-12H	5.5/6.3 x All				35

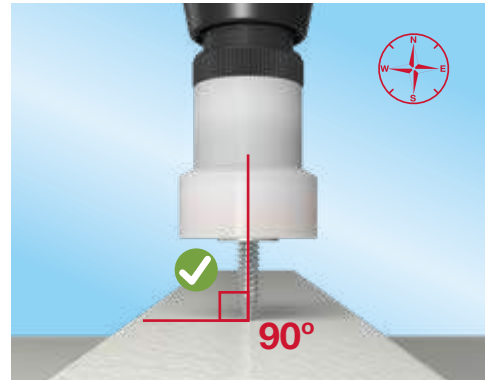
The right installation process

With the nosepiece set and fastener in the drive socket (11mm Bi-hex for EJOT Colorfast) position the fastener point where the component is to be fixed. The screwgun should be perpendicular to the component and **should not deviate** from this by any more than 5 degrees.

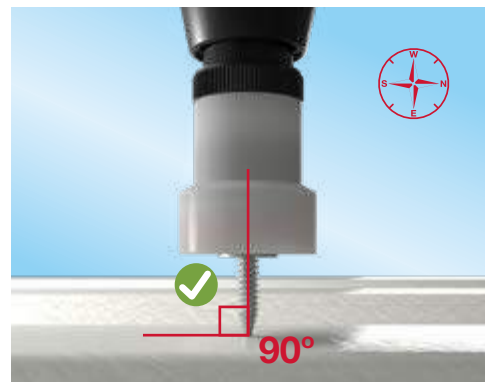
When the required speed and end load is achieved the fastener advances and drills the component and the substrate. It is essential to maintain a constant speed so that a correctly shaped installation hole is achieved through the whole application. The fasteners drill point length should be sufficient to be able to drill through the application prior to the threads tapping into the material.

Once the hole has been drilled the lead thread will tap into the material creating a mating thread or in thinner materials the material will flow into the thread to support the join. The torque generated will reduce the drilling speed as material is moved to form the connection during the “tapping process”.

The torque will reduce as the remainder of the thread passes through the application - referred to a “thread run-through.” The speed can now be reduced as the head of the fastener approaches the component being installed. When the nosepiece setting is correct, it is easy to hear and ‘feel’ the internal clutch dis-engage.



Znk'yi x} nř t 't kkj y'au'hk'vkwkt j ó { rpx'au'znk' i us vut kt zlxus 'gr'vud zy'ul'znk'i us vgyy4



] nkt 'znk'lyzkt křj k| qzky'lxus 'znk'vkwkt j ó { rpx' znq'} or'd i xgyk'znk'xq'ul'znk'lyzkt křyqj j d mlut " znk'i us vut kt zlyf xgi k'gt j 'd i xgyk'znk'xq'ul'znk' } gynkřt uzlykzřd nři uxki zř 4

Now to test the seal: VACUtest

It is important that initial drive trials are carried out on spare materials before commencing installation. This is to ensure that the screwgun's clutch disengages at the point that the correct mechanical joint is achieved.

We recommend that all fasteners are vacuum tested regularly during the installation process. See page 90.



Best Practice Installation Guide

Make sure self-drilling fasteners are ALWAYS installed correctly. Scan to the right to watch our installation video.



Notes

Best Practice Installation Guide

Make sure self-drilling fasteners are ALWAYS installed correctly. Scan below to watch our installation video.



Online Shop

Most EJOT products are available to buy online. Visit www.ejot.co.uk to open a webshop account.





Self-tapping fasteners

Self-tapping fasteners: Stainless steel Page 58

Drill hole diameters Page 63

EJOT® self-tapping fasteners: Stainless steel

Manufactured from highly corrosion resistant stainless steel, making these specialised products suitable for a wide range of conditions. They provide peace of mind for specifiers post-installation and on-site, with reduced swarf on application to pre-drilled holes.

JZ1 and JA1 fasteners are manufactured from high corrosion resistant 1.4529 austenitic stainless steel, providing the best possible corrosion resistance to chlorine environments as well as resistance to stress corrosion cracking (SCC) and sulphur dioxide.

Where specified these fasteners are assembled with a high quality metal and EPDM vulcanised sealing washer ensuring an air-tight seal. Zinc plating with a wax coating provides enhanced aesthetics and lubrication, ensuring a smooth installation process.



Colour Matching

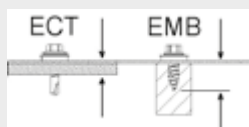
Colour match powder-coating available for certain low profile stainless steel fasteners in this range. Please ask for details.



Terminology and codes

ECT: Effective Clamping

Thickness is the total thickness of the build up to be fixed.

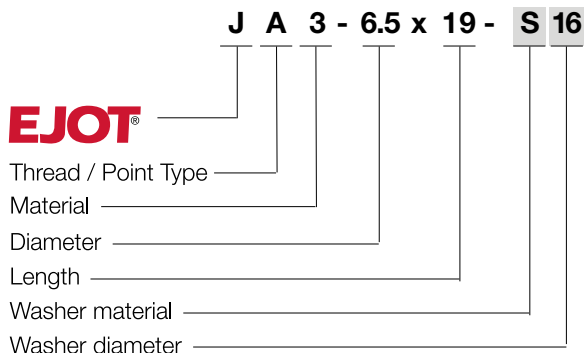


EMB: Embedment

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

Fastener identification codes

JA3/JZ3	A2 Stainless Steel Self Tapping Fastener
JA1/JZ1	Corremaks 1.4529 Stainless steel for high corrosive environments
JZ5	A2 stainless steel with hardened steel dog point



EJOT JA3-6.5



Fastener Material / Application

A2 stainless steel

For steel sections up to 2.0mm in thickness

For aluminium sections up to 3.0mm in thickness

For timber: mechanical performance is dependent on embedment and grade of timber.

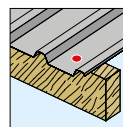
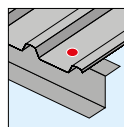
Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium EPDM vulcanised sealing washers

Drive Tool

 3/8 AF Hex

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	22.0 - 80.0	22.0 - 80.0	22.0 - 79.0	100
6.5 x 100	32.0 - 90.0	32.0 - 90.0	32.0 - 89.0	100
6.5 x 115	47.0 - 105.0	47.0 - 105.0	47.0 - 104.0	100
6.5 x 125	57.0 - 115.0	57.0 - 115.0	57.0 - 114.0	100
6.5 x 150	82.0 - 140.0	82.0 - 140.0	82.0 - 139.0	100
6.5 x 175	107.0 - 165.0	107.0 - 165.0	107.0 - 165.0	100
6.5 x 200	132.0 - 190.0	132.0 - 190.0	132.0 - 189.0	100
6.5 x 230	162.0 - 220.0	162.0 - 220.0	162.0 - 219.0	100
6.5 x 290	222.0 - 280.0	222.0 - 280.0	222.0 - 279.0	100

Order Example: JA3-6.5 x 19 S16



EJOT JA3-S-6.5



Fastener Material / Application

A2 stainless steel

For aluminium sections up to 3.0mm in thickness

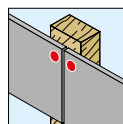
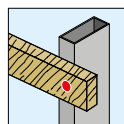
For timber: mechanical performance is dependent on embedment and grade of timber.

Fastener Material / Application

 V52

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
6.5 x 35	0.5 - 25.0	100
6.5 x 95	30.0 - 85.0	100

Order Example: JA3-S-6.5 x 35



EJOT JZ3-6.3



Fastener Material / Application

A2 stainless steel

For steel sections from 2.0mm in thickness

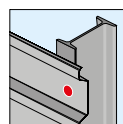
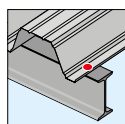
For aluminium sections from 3.0mm in thickness

Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium EPDM vulcanised sealing washers.

F t k g ' V q q n

5t: 'CH'J gz

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 - 12.0	2.0 - 12.0	2.0 - 11.0	100
6.3 x 25	2.0 - 18.0	2.0 - 18.0	2.0 - 17.0	100
6.3 x 32	2.0 - 25.0	2.0 - 25.0	2.0 - 24.0	100
6.3 x 38	2.0 - 31.0	2.0 - 31.0	2.0 - 30.0	100
6.3 x 50	2.0 - 43.0	2.0 - 43.0	2.0 - 42.0	100
6.3 x 64	2.0 - 59.0	2.0 - 59.0	2.0 - 58.0	100
6.3 x 80	20.0 - 73.0	20.0 - 73.0	20.0 - 72.0	100
6.3 x 90	30.0 - 83.0	30.0 - 83.0	30.0 - 82.0	100
6.3 x 100	40.0 - 93.0	40.0 - 93.0	40.0 - 92.0	100
6.3 x 115	55.0 - 108.0	55.0 - 108.0	55.0 - 107.0	100
6.3 x 125	65.0 - 118.0	65.0 - 118.0	65.0 - 117.0	100
6.3 x 135	75.0 - 128.0	75.0 - 128.0	75.0 - 127.0	100
6.3 x 150	90.0 - 143.0	90.0 - 143.0	90.0 - 142.0	100
6.3 x 165	105.0 - 158.0	105.0 - 158.0	105.0 - 157.0	100
6.3 x 175	115.0 - 168.0	115.0 - 168.0	115.0 - 167.0	100
6.3 x 200	140.0 - 193.0	140.0 - 193.0	140.0 - 192.0	100
6.3 x 220	160.0 - 213.0	160.0 - 213.0	160.0 - 212.0	100
6.3 x 270	210.0 - 263.0	210.0 - 263.0	210.0 - 262.0	100
Order Example: JZ3-6.3 x 19 S16				



EJOT JZ3-S-6.3



Fastener Material / Application

A2 stainless steel

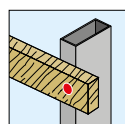
For steel sections from 2.0mm in thickness

For aluminium sections from 3.0mm in thickness.

F t k g ' V q q n

V52

ø x L (mm)	Washer Options	Min Qty
	Unwashed Min ECT Max	
6.3 x 19	2.0 - 13.0	100
6.3 x 25	2.0 - 19.0	100
6.3 x 35	2.0 - 29.0	100
6.3 x 64	2.0 - 59.0	100
6.3 x 90	33.0 - 84.0	100
Order Example: JZ3-S-6.3 x 19		



EJOT JA1-6.5



Fastener Material / Application

1.4529 Corremaks stainless steel

For use in highly corrosive environments including swimming pool applications

For steel sections up to 2.0mm in thickness

For aluminium sections up to 3.0mm in thickness

For timber : mechanical performance is dependent on embedment and grade of timber

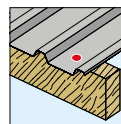
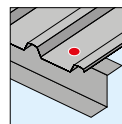
Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium EPDM vulcanised sealing washers

Ftkg/Vqgn

5t: 'CH'J gz

ø x L (mm)	Washer Options			Min Qty
	S16 Min ECT Max	S19 Min ECT Max	A29 Min ECT Max	
6.5 x 22	0.5 - 12.0	0.5 - 12.0	0.5 - 11.0	100
6.5 x 38	0.5 - 28.0	0.5 - 28.0	0.5 - 27.0	100
6.5 x 64	0.5 - 54.0	0.5 - 54.0	0.5 - 53.0	100
6.5 x 115	47.0 - 105.0	47.0 - 105.0	47.0 - 104.0	100
6.5 x 145	77.0 - 135.0	77.0 - 135.0	77.0 - 134.0	100

Order Example: JA1-6.5 x 38 S16



ETA-10/0200

EJOT JZ1-6.3



Fastener Material / Application

1.4529 Corremaks stainless steel

For use in highly corrosive environments including swimming pool applications

For steel sections from 2.0mm in thickness

For aluminium sections from 3.0mm in thickness

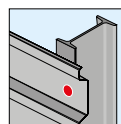
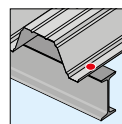
Can be used in conjunction with S16 and S19 Stainless/EPDM and A29 aluminium EPDM vulcanised sealing washers

Ftkg/Vqgn

5t: 'CH'J gz

ø x L (mm)	Washer Options		Min Qty
	S16 Min ECT Max	S19 Min ECT Max	
6.3 x 22	2.0 - 15.0	2.0 - 15.0	100
6.3 x 54	2.0 - 47.0	2.0 - 47.0	100
6.3 x 70	2.0 - 63.0	2.0 - 63.0	100
6.3 x 125	65.0 - 118.0	65.0 - 118.0	100

Order Example: JZ1-6.3 x 22 S19



ETA-10/0200

EJOT JZ5-8.0



Fastener Material / Application

A2 stainless steel (bi-metallic) hardened steel dog point

Fastening profiled sheets and sections to steel substrate

For steel sections from 2.0mm in thickness

For aluminium sections from 3.0mm in thickness

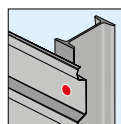
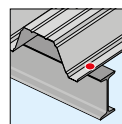
Can be used in conjunction with E22 stainless/EPDM vulcanised sealing washers

Drive Tool

13mm Hex

ø x L (mm)	Washer Options	Min Qty
	E22 Min ECT Max	
8.0 x 60	2.0 - 43.0	100
8.0 x 80	19.0 - 63.0	100
8.0 x 100	39.0 - 83.0	100
8.0 x 150	89.0 - 133.0	100

Order Example: JZ5-8.0 x 60 E22



ETA-10/0200
ETA 13/0177

EJOT JA3-FR-4.9



Fastener Material / Application

A2 stainless steel

For profiled steel and aluminium sheets to timber

For timber: mechanical performance is dependent on embedment and grade of timber

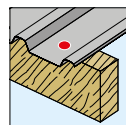
Can be used in conjunction with S12 stainless/ EPDM vulcanised sealing washers.

Ftkg"Vqqn



ø x L (mm)	S12 Washer Options	Min Qty
	Min ECT Max	
4.9 x 38	-	100
4.9 x 64	-	100

Order Example: JA3-FR-4.9 x 38 S12



EJOT JA3-LT-4.9



Fastener Material / Application

A2 stainless steel

For cladding panels to timber

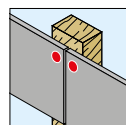
For timber: mechanical performance is dependent on embedment and grade of timber.

Ftkg"Vqqn



ø x L (mm)	Washer Options	Min Qty
	Min ECT Max	
4.9 x 25	-	100
4.9 x 38	-	100

Order Example: JA3-LT-4.9 x 25



EJOT PTS Self-Tapping Screws



Fastener Material / Application

A4 stainless steel

Concealed fixing of brackets to high pressure laminate facade panels

Ftkg"Vqqn



ø x L (mm)	Washer Options	Min Qty
	Min ECT Max	
6.0 x 9.5	-	100
6.0 x 11.5	-	100
6.0 x 14.5	-	100

Order Example: PTS 6.0 x 9.5

Drill hole diameter for profiled steel sheet structures

Thickness of building part i Hot - dip galvanized steel - sheet ($R_m \geq 360\text{N/mm}^2$)		Thickness of building part ii Hot - dip galvanized steel - sheet / steel - profiles / rolled steel ST 37 ($R_m \geq 360\text{N/mm}^2 \leq 440\text{N/mm}^2$)																	
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	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	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	4.5	5.0	5.3	5.5	5.7	6.8	7.0	7.2			
1.00	3.5*	4.0*	3.5*	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		
1.13	3.5*	4.0*	3.5*	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			
1.25	3.5*	4.0*	3.5*	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			
1.50	3.5*	4.0*	3.5*	4.5*	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*	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 ($R_m \geq 280\text{N/mm}^2$)		Thickness of building part ii Aluminium sheet, aluminium profiles F22 - F25 ($R_m \geq 220\text{N/mm}^2 \leq 290\text{N/mm}^2$)					
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		
0.7	4.0	4.0	4.5	5.0	5.3	Diameter	
0.8	4.0	4.0	4.5	5.0	5.3		
1.0	4.0	4.0	4.5	5.0	5.3		
1.2	4.0*	4.0	4.5	5.0	5.3	mm	
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 ($R_m \geq 280\text{N/mm}^2$)		Thickness of building part ii Aluminium sheet, aluminium profiles F22 - F25 ($R_m \geq 220\text{N/mm}^2 \leq 290\text{N/mm}^2$)					
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		
0.7	4.0	4.0	4.5	5.0	5.3	Diameter	
0.8	4.0	4.0	4.5	5.0	5.3		
1.0	4.0	4.0	4.5	5.0	5.3		
1.2	4.0	4.0	4.5	5.0	5.3	mm	
1.5	4.0	4.0	4.5	4.5	5.3		
EJOT fastener type	JAØ 6.5 			JZØ 6.3 			

Example

Thickness of building part I
= 0.7 mm aluminium sheet

Thickness of building part II
= 3.0 mm aluminium profile

Screw type = EJOT JZ3 6.3 xL
Drill hole = 5.0 mm diameter

Notes

Best Practice Installation Guide

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Online Shop

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Storm washers

'Storm' washer for trapezoidal profiles Page 67

'Storm W' washer for sinusoidal profiles Page 67

EJOT® Storm washers

A range of washers designed to seal against the crown of a profile to ensure a safe and secure seal against the ingress of water.

The washer profile is designed to follow the crown of the sheet. Structural ribs are utilised to give added wind uplift resistance.

All Storm Washers are supplied with bonded, open cell EPDM to form a water-tight barrier seal against the sheet when compressed.

Storm Washers are supplied with a blank aluminium finish. A coloured finish can be specified should the detail require it.



Colour Matching

Colour match powder-coating available for all storm washers within this range. Please ask for more details.



Storm



Fastener Material / Application

Pressed aluminium washers with bonded EPDM and crown fixing trapezoidal profiles. Formed to suit corrugated profiles.

All Storm Washers have a 7mm hole and should be used in conjunction with a fastener assembled with a 15mm or 16mm bonded washer.

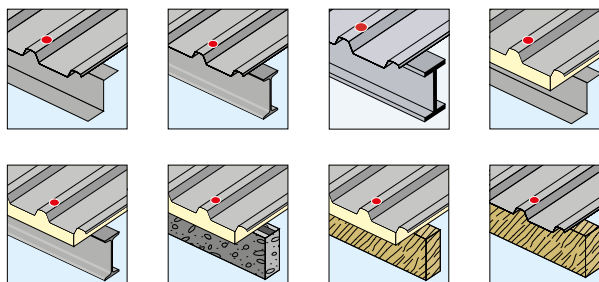
Washers can be bent or stretched to suit most profiles.

Note: All Storm Washers are supplied as standard with a blank aluminium finish. If a powder coated finish is required please specify when ordering.



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



Storm W



Fastener Material / Application

Pressed aluminium washers with bonded EPDM and crown fixing sinusoidal profiles. Formed to suit corrugated profiles.

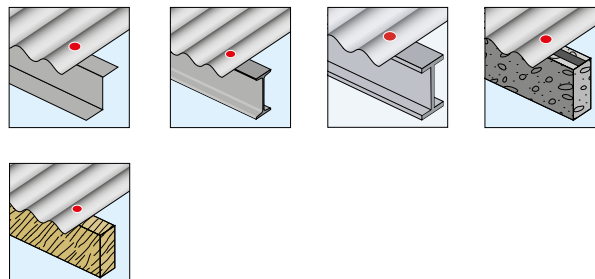
All Storm Washers have a 7mm hole and should be used in conjunction with a fastener assembled with a 15mm or 16mm bonded washer.

Note: All Storm Washers are supplied as standard with a blank aluminium finish. If a powder coated finish is required please specify when ordering.



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	49	50	100

Order Example: Storm Washer W24







Rivets

Bulb-tite	Page 71
D11 AL/V	Page 71
V/V	Page 72
CEAL/V	Page 72
CEAL/E	Page 73
AL/V	Page 73

EJOT® Rivets

A range of breakstem rivets specifically designed for internal and external applications in the construction industry.

The mandrel and body design and material specifications have been chosen to offer the optimum performance in a variety of exposures.

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.

Where the mandrel and/or body is steel it is finished in a bright zinc plate. Aluminium and stainless steel are self-finish.



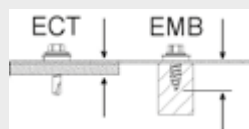
Colour Matching



Colour match powder-coating. For colour matching please select the AL-V coloured rivet. Check with EJOT for suitable coloured cap options for other rivet types.

Terminology and codes

ECT: Effective Clamping Thickness is the total thickness of the build up to be fixed.



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

Bulb-tite



Fastener Material / Application

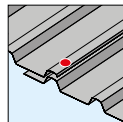
Aluminium body incorporating a neoprene seal and an aluminium mandrel

Designed to expand, forming individual claws on the underside of the application for maximum mechanical performance

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

A full range of colour matched rivet caps on request.

ø x L (mm)	Rivet Info			Min Qty
	Grip Range Min ECT Max	Drill Dia Min T Max	Equivalent Gesipa Ref:	
5.2 x 17.5	1.3 - 4.8	5.3 - 5.4	6604-6-3W	100
5.2 x 19.1	1.6 - 6.4	5.3 - 5.4	6604-6-4W	100
5.2 x 22.2	4.7 - 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 31.8	14.3 - 19.1	5.3 - 5.4	6604-6-12W	100
Order Example: Bulb-tite 5.2 x 17.5				



D11 AL/V

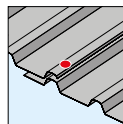


Fastener Material / Application

Aluminium body with a low carbon steel mandrel

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

ø x L (mm)	Rivet Info		Min Qty
	Grip Range Min ECT Max	Hole Size Min T Max	
4.8 x 16	0.1 - 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 ring)			



V/V



Fastener Material / Application

Galvanised steel body and galvanised steel mandrel

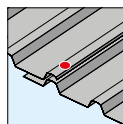
Steel cladding sheets in firewall applications

In all other cases this rivet will be supplied self-finish

* The 3.2 x 8 is available in white when specified.

Ø x L (mm)	Rivet Info			Min Qty
	Max Grip Min ECT Max	Hole Size Min T Max	Colours Available	
3.2 x 8.0	0.3 - 5.0	3.3 - 3.4	White	100
4.8 x 10.0	4.0 - 6.0	4.9 - 5.0	-	100

Order Example: V/V 3.2 x 8.0



CEAL/V



Fastener Material / Application

Aluminium body incorporating a sealing ring and a steel mandrel

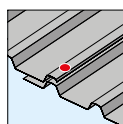
Aluminium or steel sections with a combined thickness within the specified grip range where the rivet must provide a water-tight seal (when used with a sealing ring)

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

A full range of colour matched rivet caps on request

Ø x L (mm)	Rivet Info		Min Qty
	Max Grip Min ECT Max	Hole Size Min T Max	
4.8 x 8.3	0.5 - 3.2	4.9	100
4.8 x 11.5	4.8 - 6.4	4.9	100

Order Example: CEAL/V 4.8 x 11.5 W
(When W is added the rivet is assembled with a sealing ring)



CEAL/E



Fastener Material / Application

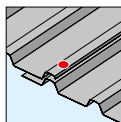
Aluminium body incorporating a sealing ring and a stainless steel mandrel

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

A full range of colour matched rivet caps on request.

ø x L (mm)	Rivet Info		Min Qty
	Max Grip Min ECT Max	Hole Size Min T Max	
4.8 x 8.4	0.5 - 3.2	4.9	100
4.8 x 11.6	4.8 - 6.4	4.9	100
4.8 x 13.1	6.4 - 7.9	4.9	100
4.8 x 14.7	7.9 - 9.5	4.9	100
Order Example: CEAL/E 4.8 x 11.6 W (When W is added the rivet is assembled with a sealing ring)			



AL/V



Fastener Material / Application

Aluminium body with a low carbon steel mandrel

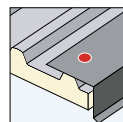
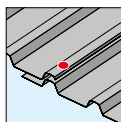
Powder coated to RAL and BS standard colours

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			Min Qty
	Max Grip Min ECT Max	Hole Size Min T Max	Colours Available	
4.8 x 15	1.5 - 6.0	4.9 - 5.0	RAL/BS	100
Order Example: AL-V 4.8 x 15 RAL9006				



Notes

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Accessories

Scaffold anchors	Page 77
Dektite pipe flashings	Page 80
Butyl, tapes, silicone and foam	Page 82

EJOT® Accessories

These high quality products have been designed for use with EJOT fasteners.

The EJOT accessory range complements the complete modern building envelope product offering, providing contractors and installers alike a complete solution alongside the fastener element on most roofing applications.



EJOT JZ3-GU



Fastener Material / Application

Universal scaffolding anchor
GU-threaded sleeve
Austenitic stainless steel self tapping fasteners
Steel structure over 2mm
Aluminium structures 3mm and over

F t k g V q q n

51: 'CH'J gz

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

Order Example: JZ3-GU-6.3 x 15 S16

EJOT JA3-GU



Fastener Material / Application

Timber
Universal scaffolding anchor
GU-threaded sleeve
Austenitic stainless steel self tapping fasteners
Steel structures under 2mm

F t k g V q q n

51: 'CH'J gz

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

Order Example: JA3-GU-6.5 x 55 S16

EJOT GU threaded sleeve



Fastener Material / Application

Universal scaffold anchor

Austenitic stainless steel threaded sleeve for use with the GU eyebolt

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 and GT eye-bolt



Fastener Material / Application

Universal scaffold anchor

Choice of forged zinc plated carbon steel or forged A2 stainless steel eyebolts available

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 eye-bolt M14				

EJOT JZ3-GT



Fastener Material / Application

Universal scaffold anchor

Austenitic stainless steel self tapping fasteners

Steel structures over 2mm

Aluminium structures 3mm and over

F t k g ' V q q n



ø x L (mm)	Anchor Threaded (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	E16	50
Order Example: JZ3-GT-6.3x25 E16				

EJOT JA3-GT



Fastener Material / Application

Universal scaffold anchor

Austenitic stainless steel self tapping fasteners

Steel structures under 2mm

Timber

F t k g ' V q q n



ø x L (mm)	Anchor Threaded (mm)	Screw Length (mm)	Sealing Washer	Min Qty
6.5 x 32	M10	32	E16	50
6.5 x 64	M10	64	E16	50
Order Example: JA3 - GT - 6.5 x 32 E16				

DEKTITE Pipe flashings

DEKTITE® pipe flashings provide a perfect seal for pipes on roofs and facades. Due to the flexible rubber pleats, thermal changes in length of the pipes or sheathing elements are not obstructed.

Fatigue fractures, which might for example occur with rigid pipe feedthroughs, can be prevented with DEKTITE® flashings.

Characteristics

Standard dimension for pipe diameters of up to 750mm

Weather resistant due to building industry approved EPDM

Insusceptible to UV-radiation

Adaptable to all roof profiles

Benefits

Long service life

Thermal stability for a short time up to +150°C, constant up to +115°C

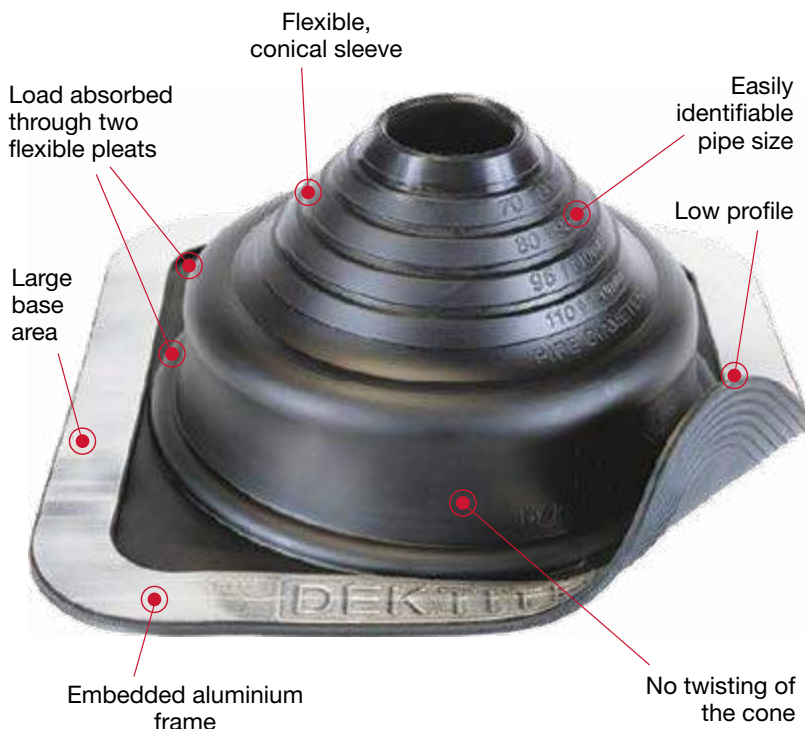
Made of silicone for periodically higher temperatures up to +250°C upon request

Low-temperature resistance: up to -50°C

Flexible adjustment

- to various profiles
- to all pipe materials
- to pipe diameters up to 750mm

20-year warranty on material



NOTE

When using the DEKTITE® pipe flashing please note the specifications stated in DIN 18807 "Offnungen in Dachern" have to be considered.

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

DEKTITE Premium DFE



Fastener Material / Application

DEKTITE® premium square base

A range of EPDM external pipe flashings

Watertight sealing around external pipes and vents.

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



	For Pipe Dia (mm)	Base Dimensions (mm)	For Roof Pitch Angle (deg)	Colour
DFE100B	0.0 - 35.0	100 x 100	0 - 45°	Black
DFE101B	5.0 - 55.0	139 x 139	0 - 45°	Black
DFE102B	5.0 - 76.0	178 x 178	0 - 45°	Black
DFE103B	5.0 - 127.0	221 x 221	0 - 45°	Black
DFE104B	75.0 - 175.0	280 x 280	0 - 45°	Black
DFE105B	100.0 - 200.0	310 x 310	0 - 45°	Black
DFE106B	125.0 - 230.0	363 x 363	0 - 45°	Black
DFE107B	150.0 - 300.0	456 x 456	0 - 45°	Black
DFE108B	170.0 - 355.0	496 x 496	0 - 45°	Black
DFE109B	230.0 - 508.0	681 x 681	0 - 45°	Black

Order Example: DFE100B 0-35

DEKTITE Retrofit RF



Fastener Material / Application

DEKTITE® Retrofit™

A range of EPDM external pipe flashings

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 Dimensions (mm)	For Roof Pitch Angle (deg)	Colour
RF801G	20.0 - 70.0	160	0 - 40°	Grey
RF802G	50.0 - 185.0	273	0 - 40°	Grey
RF803G	85.0 - 255.0	369	0 - 40°	Grey

Order Example: RF-801G



DEKTITE Diverter DF



Fastener Material / Application

DEKTITE® Diverter

A range of EPDM external pipe flashings

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°C 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
DF602	75.0 - 155.0	410 x 360	0 - 60° *	Grey
DF603	114.0 - 254.0	485 x 460	0 - 60° *	Grey
DF605z	254.0 - 406.0	708 x 635	0 - 60° *	Grey
DF606	380.0 - 610.0	1006 x 905	0 - 60° *	Grey
RFS4	235.0 - 425.0	750 x 660	0 - 40°	Grey

Order Example: DF 603



DEKTITE Combo DC



Fastener Material / Application

DEKTITE® combo

A range of EPDM external pipe flashings

Watertight sealing around external pipes and vents where the flashing can go either over or around. Use as a standard premium Dektite or Retrofit when required. Cut and fit around the pipe and fit with clips (supplied)

DC110BC roof pitch#

350 - 500mm cut:
the roof pitch is 30°C Maximum

500 - 760mm cut:
the roof pitch is 15°C Maximum

	For Pipe Dia (mm)	Base Dimensions (mm)	For Roof Pitch Angle (deg)	Colour
DC101BC	5.0 - 60.0	139 x 139	0 - 40°	Black
DC102BC	45.0 - 85.0	177 x 177	0 - 40°	Black
DC103BC	5.0 - 127.0	218 x 218	0 - 40°	Black
DC104BC	75.0 - 174.0	285 x 285	0 - 40°	Black
DC105BC	108.0 - 190.0	365 x 365	0 - 40°	Black
DC106BC	125.0 - 230.0	365 x 365	0 - 40°	Black
DC107BC	150.0 - 280.0	454 x 454	0 - 40°	Black
DC108BC	175.0 - 330.0	456 x 456	0 - 40°	Black
DC109BC	240.0 - 503.0	685 x 685	0 - 40°	Black
DC110BC	350.0 - 760.0	1000 x 1045	#	Black

Order Example: DC109BC

EJOT DS



Fastener Material / Application

Expandable Edge Dekstrip®

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

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
DS23-180	180	23	Grey
DS10-235	235	10	Grey
DS10-305	305	10	Grey
DS15-450	450	15	Grey

Order Example: DS23-180



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 Grey butyl

Fastener Material / Application

Use in lap situations with metal profiled sheeting

Thick (mm) x Width (mm)	Application Information	
	Length metres	Colour mm
3.0 x 9.0	15	Grey
4.0mm bead	12	Grey
6.0mm bead	8	Grey
8.0mm bead	6	Grey
5.0 x 6.0	9.6	Grey

Order Example: EJOT Grey Butyl 3.0 x 9.0 x 15

EJOT High performance butyl - blue

Fastener Material / Application

Class A Butyl strip sealant

Use in lap situations with metal profiled sheeting

Thick (mm) x Width (mm)	Application Information	
	Length metres	Colour mm
3.0 x 9.0	15	Blue
4.0mm bead	12	Blue
6.0mm bead	8	Blue
8.0mm bead	6	Blue
5.0 x 6.0	9.6	Blue

Order Example: EJOT Blue Butyl 5.0 x 6.0 x 9.6

EJOT LMN silicone / premseal BR

Fastener Material / Application

Gun applied sealants

Gun applied silicone and butyl based sealants

General sealing of laps and junctions and pointing of joints

	Cartridge size (ml)	Chemical Base	Colour	Min Qty
LMN Silicone	300	Silicone	Translucent	1
LMN Silicone	300	Silicone	White	1
Premseal BR	300	Butyl	White	1
Premseal BR	310	Butyl	Grey	1
Order Example: LMN Silicone Translucent				

EJOT Aluminium foil tape

Fastener Material / Application

Liner panel sealant

General sealing of liner panels to form a vapour check

Thick (mm) x Width (mm)	Application Information		Min Qty
	Length (metres)	Application Type	
50 x 45	45	Self-Adhesive	1
75 x 45	45	Self-Adhesive	1
Order Example: Aluminium Foil Tape 50 x 45			

EJOT PVC barrier tape

Fastener Material / Application

Polyvinyl chloride barrier tape for barrier protection between dissimilar metals

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 (mm)	Min Qty
50	33	1
Order Example: PVC Barrier Tape		

EJOT EJOband

Fastener Material / Application

High performance sealing of side laps of metal liner panels

Thick (mm) x Width (mm)	Application Information			Min Qty
	Length (metres)	Film	Strip	
50 x 1	35	Clear	White	1
Order Example: EJOband 50 x 1 x 35				

EJOT EPDM foam tape

Fastener Material / Application

Closed cell

High performance, white, EPDM

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

Contact customer services for available sizes

EJOT BG1 expanding foam tape

Fastener Material / Application

Precompressed impregnated polyurethane foam tape

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 Polythene, EPDM and metallocene polyolefin foam fillers

Fastener Material / Application

Fillers cut to suit all profiles and variations

Sealing eaves and ridge of profiled metal sheets

Please contact one of our technical sales staff who will work through your requirements 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

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Tool accessories

Drivers	Page 87
Drive bits	Page 88
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Drill bits	Page 91

EJOT® Tool accessories

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.

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, depth, etc. as well as maximum consideration to the fixer.



FEIN ASCS 6.3 select

Application

Powerful screwdriver incorporating a depth-locating nosepiece ideal for installing EJOT Self-Drilling Fasteners

Speed-optimised cordless drill/driver for screw connections in metal up to a diameter of 6.3mm

Technical data

Battery voltage	18V
Speed, full load	0-1500 rpm
Speed, no load	0-1700 rpm
Max. torque (hard/soft)	30/10 Nm
Rapid change chuck	1/4 in
Screw Ø	6.3mm
Cordless	Yes



Product Features

- Powerful battery for more than 150 screw connections in 1.25mm trapezoidal sheet metal on to 2mm steel
- Electronic torque shut-off for precise results even without a depth stop
- Maintenance-free, brush-free and highly-effective EC motor
- Tested for more than 1 million screw connections
- More than 1,000 charge cycles per battery pack
- Extremely light weight
- Optimum ergonomics with gun handle for high contact pressure
- Powerful up to 30 Nm.

Order Example: FEIN ASCS 6.3 select

Supplied with

- 1 ASCS 6.3 in plastic tool case
- 1 hook
- 1 depth stop
- 1 insert for hexagon bolts SW 8

Battery Starter Set	Current/ Voltages	Capacity
2 X Li-ion batteries with ALG 50 rapid charger	18V	5 Ah

Battery Starter Set	Current/Voltages	Capacity
2 X Li-ion batteries with ALG 50 rapid charger	18V	2.5 Ah

HITACHI TEKS® screwdriver

Application

Variable speed screwdriver with adjustable depth setting, ideal for Self-Drilling and drywall screws

Technical data

Bit Mount:	6.35mm
No-load Speed:	0-1700/min
Input Power:	620W
Drywall Screw:	6mm
Self-Drilling Screw:	8mm
Wood Screw:	6.2mm
Overall Length:	312mm
Weight:	1.5kg



Product Features

- Ideal for the installation of Self-Drilling screws
- Adjustable depth setting
- High power 620W motor
- Variable speed
- Forward/reverse selection
- Lock-on button
- Ergonomic body design with soft grip handle
- Improved handle geometry for greater operator comfort
- Aluminium gear casing for extended product durability
- Soft urethane cover on gear housing prevents damage to the work surface
- Detachable sub stopper for easy bit replacement
- Extra long 7.5m power cord

Order Example: HITACHI TEKS® screwdriver

Supplied with

- Magnetic hex socket
- Detachable sub stopper

EJOT® Driving accessories

EJOT 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

EJOT 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
8mm magnetic hex socket CF	For low profile hex fasteners

Use with magnetic drive bit holders to extend length.

EJOT Torx drive bits

Code and Type	Bit type	Usage
T20	Torx 20	With mag bit holder
T20 wedge	Torx 20W	With mag bit holder
T25	Torx 25	With mag bit holder
T25 wedge	Torx 25W	With mag bit holder
T30	Torx 30	With mag bit holder
T30 wedge	Torx 30W	With mag bit holder
T40	Torx 40	With mag bit holder
T25 wedge x 127mm	Torx 25	Direct into screwgun

EJOT FR driving system

Code and Type	Description
FR Drive tool (complete)	Complete driving tool for FR washered screws
FR Drive tool spare bit	Spare bit
FR varitool	Complete driving tool for unwasher FR screws

EJOT Drive bars for optiCORE

Code and Type	Description
OptiCORE drive bar torx 30 plus	Internal drive for light section/stitchers
OptiCORE drive bar 11mm bi-hex	External drive for heavy section/timber

EJOT 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

Honsel Rivdom eBZ2

The setting force of 20,000 N and the very large stroke of 30mm enables not only standard blind rivets but also high-strength versions such as HONSEL FERRO® Bulb and FERRO® Bolt (or comparable products)

Folding blind rivets up to 6.4mm diameter can be quickly and reliably set in one step

Uncompromisingly powerful

Product Features

- A wide range of use features and options
- Weight of 2.0kg
- 20V/2.0 Ah Li ion battery with optical state of charge indicator
- Innovative, sturdy and reliable
- Innovative motor technology
- Safe, transparent L-Box included
- Battery charge in less than 30 minutes
- 3x standard nosepieces in box
- 1x belt clip, hanger bracket and cover cap

Order Example: Rivdom eBZ2



Application

Battery-powered setting tool for blind rivets

For blind rivets up to 6.4mm

Setting force of 20,000 N and the very large stroke of 30mm

Brushless and a practically wear-free for a very long life cycle

Low current consumption and reduced heat development increases the battery life and efficiency

	4.0	4.8	5.0	6.0	6.4
Aluminium	○	✓	✓	✓	✓
Steel	○	✓	✓	✓	✓
Stainless steel A2	○	✓	✓	✓	✓
Copper	○	✓	✓	✓	✓

○ = Not suitable

✓ = suitable

EJOT® VACUtest

Air-seal testing of fasteners on roofing and wall applications

Product Features

- Easy handling
- Fast and precise seal-testing of assemblies
- Easy to follow instructions ensure accurate performance
- Filter fitted within the tube to stop swarf and debris

Benefits

- Hand-pump with manometer
- Tube with 2 interchangeable suction cups include option for A29 washers on rooflight assemblies
- Transport box
- Filter prevents clogged vacuum seal



Technical specifications

Description	VACUset pressure pump 16cc
Material	Zinc/Aluminium
Vol./Stroke	1 cu. in. (16cc)
Gauge	Yes
Dual Converter	Yes
Weight	2.5lbs (1.3kg)
Max. Vacuum	25 in Hg (85kPa)
Max. pressure	30+ psi (207+ kPa)

Are you sure that your fasteners are ALWAYS installed correctly?

Scan here to watch our short guide on best practice for best results.



Online Shop

Most EJOT products are available to buy online. Visit www.ejot.co.uk to open a webshop account.



Scan me

EJOT HSS drill bits



Fastener Material / Application

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

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

Self-Drilling
Fasteners

Self-Tapping
Fasteners

Storm
Washers

Rivets

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Tool
Accessories


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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 or 30 days or your acceptance of our quotation.
- 1.3. Unless otherwise stated, the quoted price includes standard delivery for all orders with a sale value in excess of £300 net to the UK mainland (details of affected postcodes and regions can be obtained from customer services). On orders with a sale value below £300 or where a timed delivery is required or where delivery is beyond the UK mainland, the appropriate delivery charge will be quoted at the time that the order is placed save for online sales where we will contact you after the order is placed to confirm delivery costs.
- 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. Any change in the price quoted will be notified before delivery.
- 1.5. At any time before delivery we may adjust the price to reflect any increase in our costs of supplying the goods. Any change in the price quoted will be notified before delivery.
- 1.6. Any order placed does not become binding on EJOT U.K. Limited until EJOT U.K. Limited sends an acknowledgement or confirmation of the order. EJOT U.K. Limited reserves the right to cancel an order in the event of stock unavailability.

2. Delivery

- 2.1. All delivery times quoted are estimates only. Any change in quoted delivery date will be notified. Delivery cannot become fixed by you serving notice to that effect.
- 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.
 - 2.2.3. if you cancel the contract prior to delivery being made, we reserve the right to seek compensation for the loss of profit on the contract and any costs incurred in respect of it (which can include administration time in dealing with the cancellation) and we would seek reimbursement of any costs of disposal of any products which cannot ordinarily be resold.
- 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.
- 2.6. 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. 3.1.1. 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 estimated 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 purpose of S6 of the Late Payment of Commercial Debts (Interest) Act 1998:
 - a. calculated (or 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 judgment (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 these 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 the goods and sell them in the ordinary course of your business. Where you combine the goods with the products of a third party we will own a proportion of the final product in direct proportion to the contribution of our goods to the final product. Where you resell the goods you will hold the sale proceeds on trust for us. The right to use and resell the goods will not apply 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 and you have been advised that the goods are ready for collection); 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 estimated delivery date. 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 dispatch 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 arising from the contract or the supply of goods or their use, even if we are negligent in the following circumstances:
 - 7.6.1. indirect or consequential loss, or
 - 7.6.2. financial loss, or
 - 7.6.3. loss of profits, or
 - 7.6.4. loss of use.
- 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, fraud and other causes for which it is unlawful to restrict liability.

8. Specification 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 these specifications or instructions will be 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 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.
- 8.7. All costs incurred by EJOT U.K. Limited in meeting the design, prototype, approval and tooling requirements to meet your specifications and instructions will be recharged to you.

9. Return of goods

- 9.1. Subject to Condition 7.5, we will only accept the return of goods from you:
 - 9.1.1. by prior arrangement (confirmed in writing and signed on our behalf by a director of EJOT U.K. Limited); and
 - 9.1.2. on payment of our handling charge of 15% of the net price of the goods or £25.00, whichever is the higher to cover likely administration costs, (unless the goods were defective when delivered) together with our loss of profit on the contract; 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).
- 9.2. Subject to Condition 7.5, we will not accept the return of goods which you request that are tailor made specific to your specification or are of a nature which is not offered as standard, or are not held within our stock and are made or delivered to order specifically requested by you. You are liable for the full costs for the full amount for the goods and the cost of their disposal.
- 9.3. Where a refund is accepted in accordance with Condition 9.1, you will receive a full refund of the price you paid for the goods only. We will process any such refund due to you less the handling charge (as set out in Condition 9.1.2), as soon as possible and, in any case, within 30 calendar days of the day on which we received the returned goods as described in clause 9.4. If you returned the goods to us because they were faulty please see clause 7.5.

- 9.4. You must return the goods to us as soon as reasonably practicable. If the goods require collection, we will collect the goods from the address to which they were delivered. We will contact you to arrange a suitable time for collection. You will be responsible for the cost of returning the goods to us or, where relevant, the cost of us collecting the goods from you.

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. We are not liable for any damage during transit.
- 10.8. Payment of all amounts due to us shall be made as stipulated by us, unless otherwise agreed in writing.
- 10.9. We shall have no liability for death or personal injury arising from the use of the goods where the goods are to be delivered to the territory of another State (within the meaning of s.26 (3) (b) Unfair Contract Terms Act 1977).

11. Cancellation

- 11.1. We may suspend or cancel the order, by written notice if:
 - 11.1.1. you fail to pay us any money when due (under the order or otherwise);
 - 11.1.2. you become insolvent;
 - 11.1.3. you fail to honour your obligations under these terms.
- 11.2. You may not cancel the order unless we agree in writing (and clauses 2.2.2, 2.2.3, 9.1 and 9.2 then apply).
- 11.3. This clause 11 will not apply where clause 9.3 applies.

12. Waiver and variations

- 12.1. Any waiver or variation of these terms is only valid if it is in writing and signed by a director of EJOT U.K. Limited.
- 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 or wish to apply.

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 acts 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.
 - 14.2.1. 14.3. If any of these terms are unenforceable as drafted:
 - 14.2.1. it will not affect the enforceability of any other of these terms; and
 - 14.2.2. if it would be enforceable if amended to have similar effect, it will be treated as so amended.
- 14.3. We may treat you as insolvent if:
 - 14.3.1. you are unable to pay your debts as they fall due; or
 - 14.3.2. 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.
- 14.4. 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.
- 14.5. 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.
- 14.6. 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.
- 14.7. 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:
 - 14.7.1. contained in our estimate (or any covering letter) and not withdrawn before the contract is made; or
 - 14.7.2. which expressly state that you may rely on them when entering into the contract.
- 14.7.3. Nothing in these terms affects or limits our liability for fraudulent misrepresentation.

15. Data Protection- Information Notice

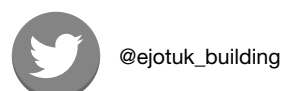
Where EJOT UK Ltd is provided with personal data as defined by data protection legislation ("data"), it is determined that the data has been passed to us with the knowledge of the individual concerned. The data will be processed in accordance with our privacy policy and to carry out credit applications 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.

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