



ATEX / IECEx Compression Fittings and Terminal Entry Glands



ATEX / IECEx adjustable compression fittings and terminal entry glands are essential when probes, sensors and other types of static elements need to be sealed as they pass into an Ex d, Ex e or Ex tD area or enclosure.

ATEX / IECEx Approved Fittings



Ex areas can be known by different names such as "Hazardous Locations", "Hazardous Areas", "Explosive Atmospheres", and the like and relate to areas where flammable liquids, vapours, gases or combustible dusts are likely to occur in quantities sufficient to cause a fire or explosion.

Once an area is classified as potentially explosive, a risk analysis will normally dictate that only electrical and mechanical equipment that is suitably certified can be installed. The European ATEX Directive (2014/34/EU) & IECEx international certification system force manufacturers to gain certification of electrical and/or mechanical products that can be used in a potentially explosive atmosphere.

Hazardous areas are divided into zones which relate to the predicted occurrence of when an explosive atmosphere may be present (see zone diagram below).

Our extensive range of ATEX/IECEx approved fittings is designed and tested for use in hazardous areas with type Ex d, Ex e and Ex tD protection concepts allowing them to be used for both gas and dust applications in zone 1/21 and 2/22 areas.

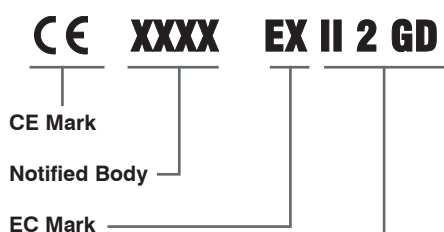
Compression fittings are essential when probes, sensors and other types of static elements need to be sealed as they pass into the area or enclosure.

Counter bored compression fittings are available with metric threads and allow pot seal terminations to sit inside the fitting body to allow connection to terminal heads, conduit boxes or through bulkheads, etc.

Both designs are available from stock with a variety of thread types, materials and sizes to suit various diameter sensors.

Full approval rating is Ex II 2GD, Ex db IIC, Ex eb IIC Gb & Ex ta IIIC Da. Certificate Nos. TRAC12ATEX0052X (ATEX) / TRC12.0023X (IECEx) refer (available on request).

Our ATEX / IECEx Approval Explained



Denotes **equipment group, category and environment**. Our fittings are designated non-mining and suitable for use up to Zone 1 & 21 for both gas and dust applications

Ex db IIC Ex eb IIC Gb

Approval for Gas Applications:

Denotes **type of protection, gas group and protection level**. The fittings meet the requirements of both flameproof and increased safety protection types with gas group IIC (Acetylene, Hydrogen).

Gb protection level denotes suitability for Zones 1 & 2 use.

Ex ta IIIC Da

Approval for Dust Applications:

Denotes type of protection, dust group and protection level. The protection type is enclosure.

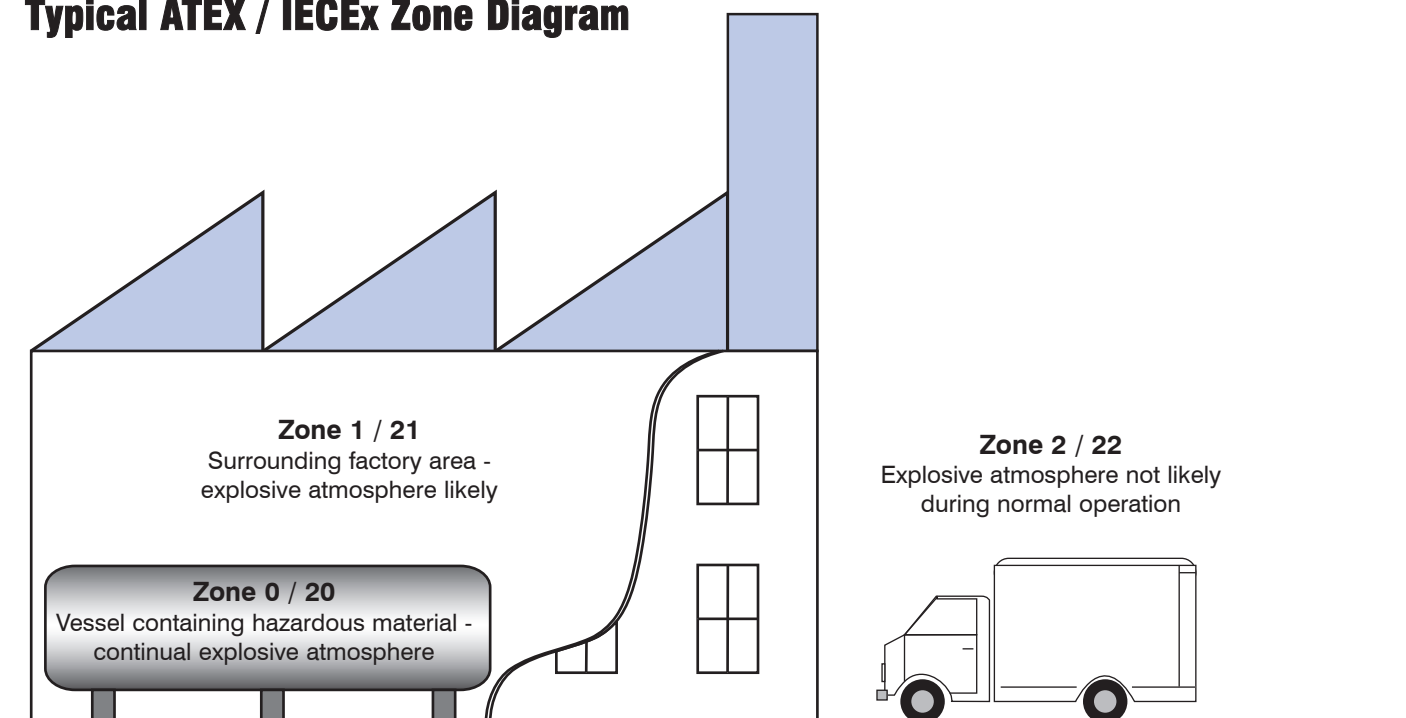
The fittings protect against combustible dusts (including conductive materials)

Da protection level denotes suitability for Zones 21 & 22 use.

2025

Year of manufacture

Typical ATEX / IECEx Zone Diagram



316 Stainless Steel Compression Fittings

Our extensive range of ATEX/IECEx approved compression fittings is designed and tested for use in hazardous areas with type Ex d, Ex e and Ex tD protection concepts allowing them to be used for both gas and dust applications in zone 1 and 2 areas.

They are available from stock with a variety of thread types and sizes to suit various diameter sensors. As an alternative to 316 stainless steel we can also offer all varieties in Hastelloy X or C276 for more arduous applications.

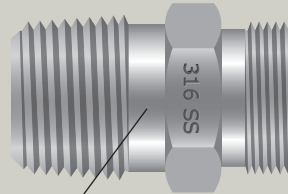
Compression fittings are essential when probes, sensors and other types of static elements need to be sealed as they pass into the area or enclosure.

Full approval rating is Ex II 2GD, Ex db IIC, Ex eb IIC Gb & Ex ta IIIC Da. Certificate Nos. TRAC12ATEX0052X (ATEX) / TRC12.0023X (IECEx) refer (available on request).

Single Ferrule Fittings - Features at a Glance

Ferrule

Seals against the media and grips the sensor



Main Body

Available in a wide range of imperial and metric thread sizes



Cap Nut

Compresses the fitting onto the tube



The single ferrule system gives a reliable seal against the media and ensures a good mechanical grip on the sensor itself.

Parallel BSP Fittings (to BS EN ISO 228)

1/8" BSPP (European G)

Part No.	To suit diameter
SFS 18P 05 EX	0.5mm
SFS 18P 10 EX	1.0mm
SFS 18P 15 EX	1.5mm
SFS 18P 16 EX	1.59mm (1/16")
SFS 18P 20 EX	2.0mm
SFS 18P 30 EX	3.0mm
SFS 18P 32 EX	3.175mm (1/8")
SFS 18P 45 EX	4.5mm
SFS 18P 47 EX	4.76mm (3/16")
SFS 18P 55 EX	5.5mm
SFS 18P 60 EX	6.0mm
SFS 18P 64 EX	6.35mm (1/4")

1/4" BSPP (European G)

Part No.	To suit diameter
SFS 14P 10 EX	1.0mm
SFS 14P 15 EX	1.5mm
SFS 14P 16 EX	1.59mm (1/16")
SFS 14P 20 EX	2.0mm
SFS 14P 30 EX	3.0mm
SFS 14P 32 EX	3.175mm (1/8")
SFS 14P 45 EX	4.5mm
SFS 14P 47 EX	4.76mm (3/16")
SFS 14P 55 EX	5.5mm
SFS 14P 60 EX	6.0mm
SFS 14P 64 EX	6.35mm (1/4")
SFS 14P 80 EX	8.0mm
SFS 14P 100 EX	10.0mm

3/8" BSPP (European G)

Part No.	To suit diameter
SFS 38P 30 EX	3.0mm
SFS 38P 32 EX	3.175mm (1/8")
SFS 38P 45 EX	4.5mm
SFS 38P 47 EX	4.76mm (3/16")
SFS 38P 55 EX	5.5mm
SFS 38P 60 EX	6.0mm
SFS 38P 64 EX	6.35mm (1/4")
SFS 38P 80 EX	8.0mm
SFS 38P 95 EX	9.53mm (3/8")
SFS 38P 127 EX	12.7mm (1/2")

1/2" BSPP (European G)

Part No.	To suit diameter
SFS 12P 10 EX	1.0mm
SFS 12P 15 EX	1.5mm
SFS 12P 30 EX	3.0mm
SFS 12P 32 EX	3.175mm (1/8")
SFS 12P 45 EX	4.5mm
SFS 12P 47 EX	4.76mm (3/16")
SFS 12P 55 EX	5.5mm
SFS 12P 60 EX	6.0mm
SFS 12P 64 EX	6.35mm (1/4")
SFS 12P 80 EX	8.0mm
SFS 12P 95 EX	9.53mm (3/8")
SFS 12P 120 EX	12.0mm
SFS 12P 127 EX	12.7mm (1/2")
SFS 12P 159 EX	15.9mm (5/8")

3/4" BSPP (European G)

Part No.	To suit diameter
SFS 34P 30 EX	3.0mm
SFS 34P 60 EX	6.0mm
SFS 34P 64 EX	6.35mm (1/4")
SFS 34P 80 EX	8.0mm
SFS 34P 95 EX	9.53mm (3/8")
SFS 34P 120 EX	12.0mm
SFS 34P 127 EX	12.7mm (1/2")
SFS 34P 159 EX	15.9mm (5/8")
SFS 34P 195 EX	19.05mm (3/4")
SFS 34P 213 EX	21.3mm (13/16")

1" BSPP (European G)

Part No.	To suit diameter
SFS 10P 60 EX	6.0mm
SFS 10P 64 EX	6.35mm (1/4")
SFS 10P 80 EX	8.0mm
SFS 10P 120 EX	12.0mm
SFS 10P 127 EX	12.7mm (1/2")
SFS 10P 159 EX	15.9mm (5/8")
SFS 10P 195 EX	19.05mm (3/4")
SFS 10P 213 EX	21.3mm (13/16")
SFS 10P 254 EX	25.4mm (1")

Need advice

on using our **ATEX** approved products?
Contact one of our experienced engineers on
01895 252222
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or send an email to atex@tc.co.uk

ATEX / IECEx Approved Fittings



316 Stainless Steel Compression Fittings

Tapered BSP Fittings (to BS21)

1/8" BSPT (European R)	
Part No.	To suit diameter
SFS 18T 05 EX	0.5mm
SFS 18T 10 EX	1.0mm
SFS 18T 15 EX	1.5mm
SFS 18T 16 EX	1.59mm (1/16")
SFS 18T 20 EX	2.0mm
SFS 18T 30 EX	3.0mm
SFS 18T 32 EX	3.175mm (1/8")
SFS 18T 45 EX	4.5mm
SFS 18T 47 EX	4.76mm (3/16")
SFS 18T 55 EX	5.5mm
SFS 18T 60 EX	6.0mm
SFS 18T 64 EX	6.35mm (1/4")

1/4" BSPT (European R)	
Part No.	To suit diameter
SFS 14T 10 EX	1.0mm
SFS 14T 15 EX	1.5mm
SFS 14T 16 EX	1.59mm (1/16")
SFS 14T 20 EX	2.0mm
SFS 14T 30 EX	3.0mm
SFS 14T 32 EX	3.175mm (1/8")
SFS 14T 45 EX	4.5mm
SFS 14T 47 EX	4.76mm (3/16")
SFS 14T 55 EX	5.5mm
SFS 14T 60 EX	6.0mm
SFS 14T 64 EX	6.35mm (1/4")
SFS 14T 80 EX	8.0mm
SFS 14T 95 EX	9.53mm
SFS 14T 100 EX	10.0mm

3/8" BSPT (European R)	
Part No.	To suit diameter
SFS 38T 30 EX	3.0mm
SFS 38T 32 EX	3.175mm (1/8")
SFS 38T 45 EX	4.5mm
SFS 38T 47 EX	4.76mm (3/16")
SFS 38T 55 EX	5.5mm
SFS 38T 60 EX	6.0mm
SFS 38T 64 EX	6.35mm (1/4")
SFS 38T 80 EX	8.0mm
SFS 38T 95 EX	9.53mm (3/8")
SFS 38T 100 EX	10.0mm
SFS 38T 120 EX	12.0mm
SFS 38T 127 EX	12.7mm (1/2")

1/2" BSPT (European R)	
Part No.	To suit diameter
SFS 12T 10 EX	1.0mm
SFS 12T 15 EX	1.5mm
SFS 12T 30 EX	3.0mm
SFS 12T 32 EX	3.175mm (1/8")
SFS 12T 45 EX	4.5mm
SFS 12T 47 EX	4.76mm (3/16")
SFS 12T 55 EX	5.5mm
SFS 12T 60 EX	6.0mm
SFS 12T 64 EX	6.35mm (1/4")
SFS 12T 80 EX	8.0mm
SFS 12T 95 EX	9.53mm (3/8")
SFS 12T 100 EX	10.0mm
SFS 12T 108 EX	10.8mm
SFS 12T 120 EX	12.0mm
SFS 12T 127 EX	12.7mm (1/2")
SFS 12T 159 EX	15.9mm (5/8")

3/4" BSPT (European R)	
Part No.	To suit diameter
SFS 34T 30 EX	3.0mm
SFS 34T 45 EX	4.5mm
SFS 34T 60 EX	6.0mm
SFS 34T 64 EX	6.35mm (1/4")
SFS 34T 80 EX	8.0mm
SFS 34T 95 EX	9.53mm (3/8")
SFS 34T 120 EX	12.0mm
SFS 34T 127 EX	12.7mm (1/2")
SFS 34T 159 EX	15.9mm (5/8")
SFS 34T 195 EX	19.05mm (3/4")
SFS 34T 213 EX	21.3mm (13/16")

1" BSPT (European R)	
Part No.	To suit diameter
SFS 10T 60 EX	6.0mm
SFS 10T 64 EX	6.35mm (1/4")
SFS 10T 80 EX	8.0mm
SFS 10T 120 EX	12.0mm
SFS 10T 127 EX	12.7mm (1/2")
SFS 10T 159 EX	15.9mm (5/8")
SFS 10T 195 EX	19.05mm (3/4")
SFS 10T 213 EX	21.3mm (13/16")
SFS 10T 254 EX	25.4mm (1")

NPT Fittings (to ANSI/ASME B1.20.1)

1/8" NPT	
Part No.	To suit diameter
SFS 18N 05 EX	0.5mm
SFS 18N 10 EX	1.0mm
SFS 18N 15 EX	1.5mm
SFS 18N 16 EX	1.59mm (1/16")
SFS 18N 20 EX	2.0mm
SFS 18N 30 EX	3.0mm
SFS 18N 32 EX	3.175mm (1/8")
SFS 18N 45 EX	4.5mm
SFS 18N 47 EX	4.76mm (3/16")
SFS 18N 55 EX	5.5mm
SFS 18N 60 EX	6.0mm
SFS 18N 64 EX	6.35mm (1/4")

1/4" NPT	
Part No.	To suit diameter
SFS 14N 10 EX	1.0mm
SFS 14N 15 EX	1.5mm
SFS 14N 16 EX	1.59mm (1/16")
SFS 14N 20 EX	2.0mm
SFS 14N 30 EX	3.0mm
SFS 14N 32 EX	3.175mm (1/8")
SFS 14N 45 EX	4.5mm
SFS 14N 47 EX	4.76mm (3/16")
SFS 14N 55 EX	5.5mm
SFS 14N 60 EX	6.0mm
SFS 14N 64 EX	6.35mm (1/4")
SFS 14N 80 EX	8.0mm

3/8" NPT	
Part No.	To suit diameter
SFS 38N 30 EX	3.0mm
SFS 38N 32 EX	3.175mm (1/8")
SFS 38N 45 EX	4.5mm
SFS 38N 47 EX	4.76mm (3/16")
SFS 38N 55 EX	5.5mm
SFS 38N 60 EX	6.0mm
SFS 38N 64 EX	6.35mm (1/4")
SFS 38N 80 EX	8.0mm
SFS 38N 95 EX	9.53mm (3/8")
SFS 38N 127 EX	12.7mm (1/2")

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ATEX / IECEx Approved Fittings

316 Stainless Steel Compression Fittings

NPT Fittings (continued)

1/2" NPT	
Part No.	To suit diameter
SFS 12N 10 EX	1.0mm
SFS 12N 15 EX	1.5mm
SFS 12N 30 EX	3.0mm
SFS 12N 32 EX	3.175mm (1/8")
SFS 12N 45 EX	4.5mm
SFS 12N 47 EX	4.76mm (3/16")
SFS 12N 55 EX	5.5mm
SFS 12N 60 EX	6.0mm
SFS 12N 64 EX	6.35mm (1/4")
SFS 12N 80 EX	8.0mm
SFS 12N 95 EX	9.53mm (3/8")
SFS 12N 120 EX	12.0mm
SFS 12N 127 EX	12.7mm (1/2")
SFS 12N 159 EX	15.9mm (5/8")

3/4" NPT	
Part No.	To suit diameter
SFS 34N 30 EX	3.0mm
SFS 34N 60 EX	6.0mm
SFS 34N 64 EX	6.35mm (1/4")
SFS 34N 80 EX	8.0mm
SFS 34N 95 EX	9.53mm (3/8")
SFS 34N 120 EX	12.0mm
SFS 34N 127 EX	12.7mm (1/2")
SFS 34N 159 EX	15.9mm (5/8")
SFS 34N 195 EX	19.05mm (3/4")
SFS 34N 213 EX	21.3mm (13/16")

1" NPT	
Part No.	To suit diameter
SFS 10N 60 EX	6.0mm
SFS 10N 64 EX	6.35mm (1/4")
SFS 10N 80 EX	8.0mm
SFS 10N 120 EX	12.0mm
SFS 10N 127 EX	12.7mm (1/2")
SFS 10N 159 EX	15.9mm (5/8")
SFS 10N 195 EX	19.05mm (3/4")
SFS 10N 213 EX	21.3mm (13/16")
SFS 10N 254 EX	25.4mm (1")

316 Stainless Steel Terminal Entry Glands with counter bore body

Our counter bored compression fittings are available with metric threads and allow pot seal terminations to sit inside the fitting body to allow connection to terminal heads, conduit boxes or through bulkheads, etc.

As with our standard compression fittings they are available from stock in either 316 stainless steel or brass with the option of Hastelloy for arduous applications.

The same level of approval applies for Ex d, Ex e & Ex tD protection concepts.



Metric Thread Fittings (to ISO 965)

M16 x 1.5mm	
Part No.	To suit diameter
SFS M16-10CB EX	1.0mm
SFS M16-15CB EX	1.5mm
SFS M16-20CB EX	2.0mm
SFS M16-30CB EX	3.0mm
SFS M16-32CB EX	3.175mm (1/8")
SFS M16-45CB EX	4.5mm
SFS M16-55CB EX	5.5mm
SFS M16-60CB EX	6.0mm
SFS M16-64CB EX	6.35mm (1/4")
SFS M16-80CB EX	8.0mm

M20 x 1.5mm	
Part No.	To suit diameter
SFS M20-10CB EX	1.0mm
SFS M20-15CB EX	1.5mm
SFS M20-20CB EX	2.0mm
SFS M20-30CB EX	3.0mm
SFS M20-32CB EX	3.175mm (1/8")
SFS M20-45CB EX	4.5mm
SFS M20-55CB EX	5.5mm
SFS M20-60CB EX	6.0mm
SFS M20-64CB EX	6.35mm (1/4")
SFS M20-80CB EX	8.0mm

M24 x 1.5mm	
Part No.	To suit diameter
SFS M24-15CB EX	1.5mm
SFS M24-30CB EX	3.0mm
SFS M24-60CB EX	6.0mm

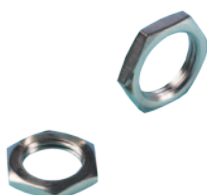
M10 x 1.0mm	
Part No.	To suit diameter
SFS M10-10CB EX	1.0mm
SFS M10-30CB EX	3.0mm

Alternative thread types are available - please contact us for details.

Stainless Steel Locknuts

Stainless Steel Locknuts

Part No.	Thread Size
LN10S	M10 x 1.0mm
LN16S	M16 x 1.5mm
LN20S	M20 x 1.5mm
LN24S	M24 x 1.5mm
LN1/2S	1/2" BSPP (parallel)



Need advice

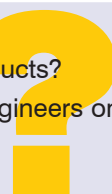
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ATEX / IECEx Approved Fittings



Brass Compression Fittings

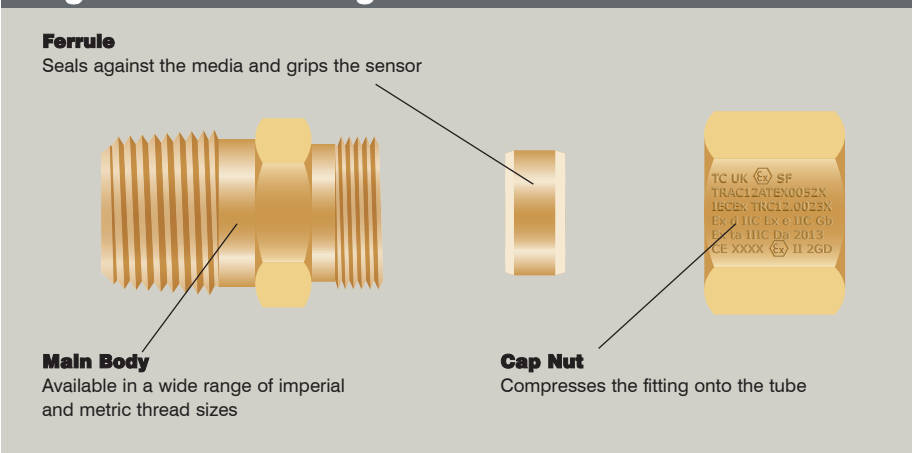
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They are available from stock with a variety of thread types and sizes to suit various diameter sensors. Alternatively we can also offer all varieties in stainless steel (see page 3) for more arduous applications.

Compression fittings are essential when probes, sensors and other types of static elements need to be sealed as they pass into the area or enclosure.

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Single Ferrule Fittings - Features at a Glance



The single ferrule system gives a reliable seal against the media and ensures a good mechanical grip on the sensor itself.

Parallel BSP Fittings (to BS EN ISO 228)

1/8" BSPP (European G)	
Part No.	To suit diameter
SFB 18P 05 EX	0.5mm
SFB 18P 10 EX	1.0mm
SFB 18P 15 EX	1.5mm
SFB 18P 16 EX	1.59mm (1/16")
SFB 18P 20 EX	2.0mm
SFB 18P 30 EX	3.0mm
SFB 18P 32 EX	3.175mm (1/8")
SFB 18P 45 EX	4.5mm
SFB 18P 47 EX	4.76mm (3/16")
SFB 18P 55 EX	5.5mm
SFB 18P 60 EX	6.0mm
SFB 18P 64 EX	6.35mm (1/4")

1/4" BSPP (European G)	
Part No.	To suit diameter
SFB 14P 10 EX	1.0mm
SFB 14P 15 EX	1.5mm
SFB 14P 16 EX	1.59mm (1/16")
SFB 14P 20 EX	2.0mm
SFB 14P 30 EX	3.0mm
SFB 14P 32 EX	3.175mm (1/8")
SFB 14P 45 EX	4.5mm
SFB 14P 47 EX	4.76mm (3/16")
SFB 14P 55 EX	5.5mm
SFB 14P 60 EX	6.0mm
SFB 14P 64 EX	6.35mm (1/4")
SFB 14P 80 EX	8.0mm
SFB 14P 100 EX	10.0mm

3/8" BSPP (European G)	
Part No.	To suit diameter
SFB 38P 30 EX	3.0mm
SFB 38P 32 EX	3.175mm (1/8")
SFB 38P 45 EX	4.5mm
SFB 38P 47 EX	4.76mm (3/16")
SFB 38P 55 EX	5.5mm
SFB 38P 60 EX	6.0mm
SFB 38P 64 EX	6.35mm (1/4")
SFB 38P 80 EX	8.0mm
SFB 38P 95 EX	9.53mm (3/8")
SFB 38P 127 EX	12.7mm (1/2")

1/2" BSPP (European G)	
Part No.	To suit diameter
SFB 12P 10 EX	1.0mm
SFB 12P 15 EX	1.5mm
SFB 12P 30 EX	3.0mm
SFB 12P 32 EX	3.175mm (1/8")
SFB 12P 45 EX	4.5mm
SFB 12P 47 EX	4.76mm (3/16")
SFB 12P 55 EX	5.5mm
SFB 12P 60 EX	6.0mm
SFB 12P 64 EX	6.35mm (1/4")
SFB 12P 80 EX	8.0mm
SFB 12P 95 EX	9.53mm (3/8")
SFB 12P 120 EX	12.0mm
SFB 12P 127 EX	12.7mm (1/2")
SFB 12P 159 EX	15.9mm (5/8")

3/4" BSPP (European G)	
Part No.	To suit diameter
SFB 34P 30 EX	3.0mm
SFB 34P 60 EX	6.0mm
SFB 34P 64 EX	6.35mm (1/4")
SFB 34P 80 EX	8.0mm
SFB 34P 95 EX	9.53mm (3/8")
SFB 34P 120 EX	12.0mm
SFB 34P 127 EX	12.7mm (1/2")
SFB 34P 159 EX	15.9mm (5/8")
SFB 34P 195 EX	19.05mm (3/4")
SFB 34P 213 EX	21.3mm (13/16")

1" BSPP (European G)	
Part No.	To suit diameter
SFB 10P 60 EX	6.0mm
SFB 10P 64 EX	6.35mm (1/4")
SFB 10P 80 EX	8.0mm
SFB 10P 120 EX	12.0mm
SFB 10P 127 EX	12.7mm (1/2")
SFB 10P 159 EX	15.9mm (5/8")
SFB 10P 195 EX	19.05mm (3/4")
SFB 10P 213 EX	21.3mm (13/16")
SFB 10P 254 EX	25.4mm (1")



ATEX / IECEx Approved Fittings

Brass Compression Fittings

Tapered BSP Fittings (to BS21)

1/8" BSPT (European R)	
Part No.	To suit diameter
SFB 18T 05 EX	0.5mm
SFB 18T 10 EX	1.0mm
SFB 18T 15 EX	1.5mm
SFB 18T 16 EX	1.59mm (1/16")
SFB 18T 20 EX	2.0mm
SFB 18T 30 EX	3.0mm
SFB 18T 32 EX	3.175mm (1/8")
SFB 18T 45 EX	4.5mm
SFB 18T 47 EX	4.76mm (3/16")
SFB 18T 55 EX	5.5mm
SFB 18T 60 EX	6.0mm
SFB 18T 64 EX	6.35mm (1/4")

1/4" BSPT (European R)	
Part No.	To suit diameter
SFB 14T 10 EX	1.0mm
SFB 14T 15 EX	1.5mm
SFB 14T 16 EX	1.59mm (1/16")
SFB 14T 20 EX	2.0mm
SFB 14T 30 EX	3.0mm
SFB 14T 32 EX	3.175mm (1/8")
SFB 14T 45 EX	4.5mm
SFB 14T 47 EX	4.76mm (3/16")
SFB 14T 55 EX	5.5mm
SFB 14T 60 EX	6.0mm
SFB 14T 64 EX	6.35mm (1/4")
SFB 14T 80 EX	8.0mm
SFB 14T 95 EX	9.53mm
SFB 14T 100 EX	10.0mm

3/8" BSPT (European R)	
Part No.	To suit diameter
SFB 38T 30 EX	3.0mm
SFB 38T 32 EX	3.175mm (1/8")
SFB 38T 45 EX	4.5mm
SFB 38T 47 EX	4.76mm (3/16")
SFB 38T 55 EX	5.5mm
SFB 38T 60 EX	6.0mm
SFB 38T 64 EX	6.35mm (1/4")
SFB 38T 80 EX	8.0mm
SFB 38T 95 EX	9.53mm (3/8")
SFB 38T 100 EX	10.0mm
SFB 38T 120 EX	12.0mm
SFB 38T 127 EX	12.7mm (1/2")

1/2" BSPT (European R)	
Part No.	To suit diameter
SFB 12T 10 EX	1.0mm
SFB 12T 15 EX	1.5mm
SFB 12T 30 EX	3.0mm
SFB 12T 32 EX	3.175mm (1/8")
SFB 12T 45 EX	4.5mm
SFB 12T 47 EX	4.76mm (3/16")
SFB 12T 55 EX	5.5mm
SFB 12T 60 EX	6.0mm
SFB 12T 64 EX	6.35mm (1/4")
SFB 12T 80 EX	8.0mm
SFB 12T 95 EX	9.53mm (3/8")
SFB 12T 100 EX	10.0mm
SFB 12T 108 EX	10.8mm
SFB 12T 120 EX	12.0mm
SFB 12T 127 EX	12.7mm (1/2")
SFB 12T 159 EX	15.9mm (5/8")

3/4" BSPT (European R)	
Part No.	To suit diameter
SFB 34T 30 EX	3.0mm
SFB 34T 45 EX	4.5mm
SFB 34T 60 EX	6.0mm
SFB 34T 64 EX	6.35mm (1/4")
SFB 34T 80 EX	8.0mm
SFB 34T 95 EX	9.53mm (3/8")
SFB 34T 120 EX	12.0mm
SFB 34T 127 EX	12.7mm (1/2")
SFB 34T 159 EX	15.9mm (5/8")
SFB 34T 195 EX	19.05mm (3/4")
SFB 34T 213 EX	21.3mm (13/16")

1" BSPT (European R)	
Part No.	To suit diameter
SFB 10T 60 EX	6.0mm
SFB 10T 64 EX	6.35mm (1/4")
SFB 10T 80 EX	8.0mm
SFB 10T 120 EX	12.0mm
SFB 10T 127 EX	12.7mm (1/2")
SFB 10T 159 EX	15.9mm (5/8")
SFB 10T 195 EX	19.05mm (3/4")
SFB 10T 213 EX	21.3mm (13/16")
SFB 10T 254 EX	25.4mm (1")

NPT Fittings (to ANSI/ASME B1.20.1)

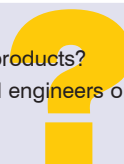
1/8" NPT	
Part No.	To suit diameter
SFB 18N 05 EX	0.5mm
SFB 18N 10 EX	1.0mm
SFB 18N 15 EX	1.5mm
SFB 18N 16 EX	1.59mm (1/16")
SFB 18N 20 EX	2.0mm
SFB 18N 30 EX	3.0mm
SFB 18N 32 EX	3.175mm (1/8")
SFB 18N 45 EX	4.5mm
SFB 18N 47 EX	4.76mm (3/16")
SFB 18N 55 EX	5.5mm
SFB 18N 60 EX	6.0mm
SFB 18N 64 EX	6.35mm (1/4")

1/4" NPT	
Part No.	To suit diameter
SFB 14N 10 EX	1.0mm
SFB 14N 15 EX	1.5mm
SFB 14N 16 EX	1.59mm (1/16")
SFB 14N 20 EX	2.0mm
SFB 14N 30 EX	3.0mm
SFB 14N 32 EX	3.175mm (1/8")
SFB 14N 45 EX	4.5mm
SFB 14N 47 EX	4.76mm (3/16")
SFB 14N 55 EX	5.5mm
SFB 14N 60 EX	6.0mm
SFB 14N 64 EX	6.35mm (1/4")
SFB 14N 80 EX	8.0mm

3/8" NPT	
Part No.	To suit diameter
SFB 38N 30 EX	3.0mm
SFB 38N 32 EX	3.175mm (1/8")
SFB 38N 45 EX	4.5mm
SFB 38N 47 EX	4.76mm (3/16")
SFB 38N 55 EX	5.5mm
SFB 38N 60 EX	6.0mm
SFB 38N 64 EX	6.35mm (1/4")
SFB 38N 80 EX	8.0mm
SFB 38N 95 EX	9.53mm (3/8")
SFB 38N 127 EX	12.7mm (1/2")

Need advice

on using our **ATEX** approved products?
Contact one of our experienced engineers on
01895 252222
International +44 1895 252222
or send an email to atex@tc.co.uk



ATEX / IECEx Approved Fittings



Brass Compression Fittings

NPT Fittings (continued)

1/2" NPT	
Part No.	To suit diameter
SFB 12N 10 EX	1.0mm
SFB 12N 15 EX	1.5mm
SFB 12N 30 EX	3.0mm
SFB 12N 32 EX	3.175mm (1/8")
SFB 12N 45 EX	4.5mm
SFB 12N 47 EX	4.76mm (3/16")
SFB 12N 55 EX	5.5mm
SFB 12N 60 EX	6.0mm
SFB 12N 64 EX	6.35mm (1/4")
SFB 12N 80 EX	8.0mm
SFB 12N 95 EX	9.53mm (3/8")
SFB 12N 120 EX	12.0mm
SFB 12N 127 EX	12.7mm (1/2")
SFB 12N 159 EX	15.9mm (5/8")

3/4" NPT	
Part No.	To suit diameter
SFB 34N 30 EX	3.0mm
SFB 34N 60 EX	6.0mm
SFB 34N 64 EX	6.35mm (1/4")
SFB 34N 80 EX	8.0mm
SFB 34N 95 EX	9.53mm (3/8")
SFB 34N 120 EX	12.0mm
SFB 34N 127 EX	12.7mm (1/2")
SFB 34N 159 EX	15.9mm (5/8")
SFB 34N 195 EX	19.05mm (3/4")
SFB 34N 213 EX	21.3mm (13/16")

1" NPT	
Part No.	To suit diameter
SFB 10N 60 EX	6.0mm
SFB 10N 64 EX	6.35mm (1/4")
SFB 10N 80 EX	8.0mm
SFB 10N 120 EX	12.0mm
SFB 10N 127 EX	12.7mm (1/2")
SFB 10N 159 EX	15.9mm (5/8")
SFB 10N 195 EX	19.05mm (3/4")
SFB 10N 213 EX	21.3mm (13/16")
SFB 10N 254 EX	25.4mm (1")

Brass Terminal Entry Glands with counter bore body

Our counter bored compression fittings are available with metric threads and allow pot seal terminations to sit inside the fitting body to allow connection to terminal heads, conduit boxes or through bulkheads, etc.

As with our standard compression fittings they are also available in stainless steel (see page 5) for more arduous applications.

The same level of approval applies for Ex d, Ex e & Ex tD protection concepts.



Metric Thread Fittings (to ISO 965)

M16 x 1.5mm	
Part No.	To suit diameter
SFB M16-10CB EX	1.0mm
SFB M16-15CB EX	1.5mm
SFB M16-20CB EX	2.0mm
SFB M16-30CB EX	3.0mm
SFB M16-32CB EX	3.175mm (1/8")
SFB M16-45CB EX	4.5mm
SFB M16-55CB EX	5.5mm
SFB M16-60CB EX	6.0mm
SFB M16-64CB EX	6.35mm (1/4")
SFB M16-80CB EX	8.0mm

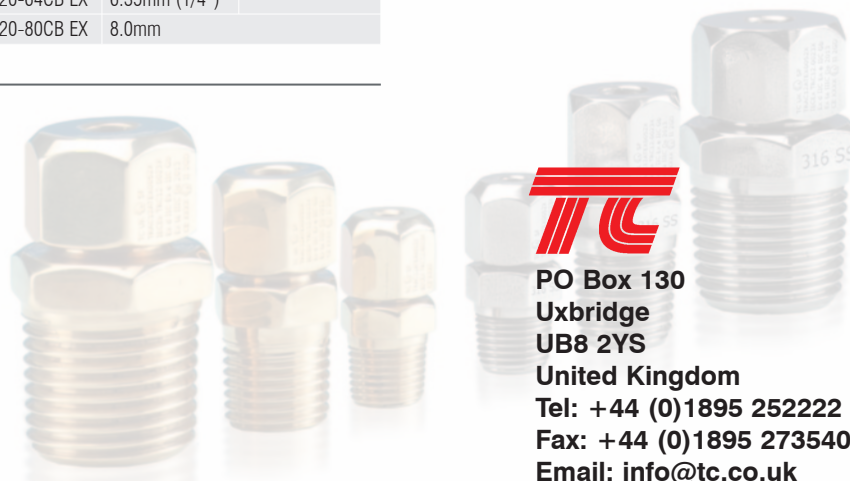
M20 x 1.5mm	
Part No.	To suit diameter
SFB M20-10CB EX	1.0mm
SFB M20-15CB EX	1.5mm
SFB M20-20CB EX	2.0mm
SFB M20-30CB EX	3.0mm
SFB M20-32CB EX	3.175mm (1/8")
SFB M20-45CB EX	4.5mm
SFB M20-55CB EX	5.5mm
SFB M20-60CB EX	6.0mm
SFB M20-64CB EX	6.35mm (1/4")
SFB M20-80CB EX	8.0mm

M24 x 1.5mm	
Part No.	To suit diameter
SFB M24-15CB EX	1.5mm
SFB M24-30CB EX	3.0mm
SFB M24-60CB EX	6.0mm

Alternative thread types are available - please contact us for details.

Brass Locknuts

Brass Locknuts	
Part No.	Thread Size
LN10B	M10 x 1.0mm
LN16B	M16 x 1.5mm
LN20B	M20 x 1.5mm
LN24B	M24 x 1.5mm
LN1/2B	1/2" BSPP (parallel)



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