

FflexionTM

PNEUMATICS
*PUSH IN FITTINGS AND
ADAPTORS*



***YOUR
FLUID
POWER
SOLUTION***

Flexion™

PUSH IN FITTINGS AND ADAPTORS

The FLEXION range of stainless steel fittings are designed to withstand corrosive environments and substances.

They are capable of channelling aggressive fluids and are ideal for use in food and chemical industries.

The fitting has an FDM seal that will withstand temperatures up to 150°C.

The premier one-touch tube joint system

- Simple and quick to install
- Flexible space-saving design
- Wide range to suit all applications
- Compatible with all other leading systems
- Tubing can be freely rotated, even after installation
- All taper threads are pre-coated with PTFE



Push-in-fittings

TECHNICAL DATA

Tube sizes	4 - 12mm
Threads	1/8" - 1/2", BSPT
Max Pressure	15 bar
Vacuum	Up to 750mmHg
Temp Range	-20°C to +150°C

Materials:

Body:	Stainless Steel AISI 316
Seal:	Viton (FPM)
Grab Ring:	Stainless Steel Release
Release Collet:	Stainless Steel AISI 316

Adaptors

TECHNICAL DATA

Tube sizes	1/8 - 1/2
Threads	1/8" - 1/2", BSPT
Max Pressure	150 bar
Temp Range	-20°C to +150°C

Materials:

Body:	Stainless Steel AISI 316
Seal:	Viton (FPM)
Grab Ring:	Stainless Steel Release
Release Collet:	Stainless Steel AISI 316

PUSH-IN FITTINGS

MALE STUD PARALLEL

Code	Tube OD	Thread Size
SSPC4-M5-FX	4	M5
SSPC4-G01-FX	4	G1/8
SSPC6-G01-FX	6	G1/8
SSPC6-G02-FX	6	G1/4
SSPC8-G01-FX	8	G1/8
SSPC8-G02-FX	8	G1/4
SSPC10-G02-FX	10	G1/4
SSPC10-G03-FX	10	G3/8



PUSH-IN FITTINGS

MALE STUD TAPER

Code	Tube OD	Thread Size
SSPC4-01-FX	4	R1/8
SSPC4-02-FX	4	R1/4
SSPC6-01-FX	6	R1/8
SSPC6-02-FX	6	R1/4
SSPC8-01-FX	8	R1/8
SSPC8-02-FX	8	R1/4
SSPC10-02-FX	10	R1/4
SSPC10-03-FX	10	R3/8
SSPC12-03-FX	12	R3/8
SSPC12-04-FX	12	R1/2



PUSH-IN FITTINGS

MALE SWIVEL ELBOW PARALLEL

Code	Tube OD	Thread Size
SSPL4-M5-FX	4	M5
SSPL4-G01-FX	4	G1/8
SSPL6-G01-FX	6	G1/8
SSPL6-G02-FX	6	G1/4
SSPL8-G01-FX	8	G1/8
SSPL8-G02-FX	8	G1/4
SSPL10-G02-FX	10	G1/4
SSPL10-G03-FX	10	G3/8



PUSH-IN FITTINGS

MALE ELBOW PARALLEL

Code	Tube OD	Thread Size
SSPLN4-G01-FX	4	G1/8
SSPLN6-G01-FX	6	G1/8
SSPLN6-G02-FX	6	G1/4
SSPLN8-G01-FX	8	G1/8
SSPLN8-G02-FX	8	G1/4
SSPLN10-G02-FX	10	G1/4



PUSH-IN FITTINGS

MALE SWIVEL ELBOW TAPER

Code	Tube OD	Thread Size
SSPL4-01-FX	4	R1/8
SSPL6-01-FX	6	R1/8
SSPL6-02-FX	6	R1/4
SSPL8-01-FX	8	R1/8
SSPL8-02-FX	8	R1/4
SSPL10-02-FX	10	R1/4
SSPL10-03-FX	10	R3/8
SSPL12-03-FX	12	R3/8
SSPL12-04-FX	12	R1/2
SSPC12-04-FX	12	R1/2



PUSH-IN FITTINGS

MALE TEE PARALLEL

Code	Tube OD	Thread Size
SSPB4-G01-FX	4	G1/8
SSPB6-G01-FX	6	G1/8
SSPB6-G02-FX	6	G1/4
SSPB8-G01-FX	8	G1/8
SSPB8-G02-FX	8	G1/4



PUSH-IN FITTINGS

MALE TEE TAPER

Code	Tube OD	Thread Size
SSPB4-01-FX	4	R1/8
SSPB6-01-FX	6	R1/8
SSPB6-02-FX	6	R1/4
SSPB8-01-FX	8	R1/8
SSPB8-02-FX	8	R1/4
SSPB10-02-FX	10	R1/4
SSPB10-03-FX	10	R3/8



PUSH-IN FITTINGS

STRAIGHT UNION

Code		Tube OD
SSPU4-FX		4
SSPU6-FX		6
SSPU8-FX		8
SSPU10-FX		10
SSPU12-FX		12



PUSH-IN FITTINGS

ELBOW UNION

Code		Tube OD
SSPV4-FX		4
SSPV6-FX		6
SSPV8-FX		8
SSPV10-FX		10
SSPV12-FX		12



PUSH-IN FITTINGS

ELBOW UNION

Code	Tube Size	Thread Size
SSPE4-FX		4
SSPE6-FX		6
SSPE8-FX		8
SSPE10-FX		10
SSPE12-FX		12



PUSH-IN FITTINGS

BULKHEAD

Code	Tube Size	Thread Size
SSPM4-FX		4
SSPM6-FX		6
SSPM8-FX		8
SSPM10-FX		10
SSPM12-FX		12



PUSH-IN FITTINGS

STEM REDUCER

Code	Tube OD	Thread Size
SSPGJ6-4-FX	4	6
SSPGJ8-6-FX	6	8
SSPGJ10-8-FX	8	10



PUSH-IN FITTINGS

FLOW REGULATOR

Code	Tube OD	Thread Size
SSL4-G01-FX	4	G1/8
SSL6-G01-FX	6	G1/8
SSL6-G02-FX	6	G1/4
SSL8-G01-FX	8	G1/8
SSL8-G02-FX	8	G1/4
SSL10-G02-FX	10	G1/4
SSL10-G03-FX	10	G3/8
SSL4-G01B-FX	4	G1/8
SSL6-G01B-FX	6	G1/8
SSL6-G02B-FX	6	G1/4
SSL8-G01B-FX	8	G1/8
SSL8-G02B-FX	8	G1/4
SSL10-G02B-FX	10	G1/4
SSL10-G03B-FX	10	G3/8



ADAPTORS

ELBOW ADAPTOR MALE / MALE

Code	Tube OD	Thread Size
SS-ADPT-B-L-1/8MM-FX		R1/8
SS-ADPT-B-L-1/4MM-FX		R1/4
SS-ADPT-B-L-3/8MM-FX		R3/8
SS-ADPT-B-L-1/2MM-FX		R1/2



ADAPTORS

ELBOW ADAPTOR MALE / FEMALE

Code	Tube OD	Thread Size
SS-ADPT-B-L-1/8MF-FX	R1/8 (Male)	G1/8 (Female)
SS-ADPT-B-L-1/4MF-FX	R1/4 (Male)	G1/4 (Female)
SS-ADPT-B-L-3/8MF-FX	R3/8 (Male)	G3/8 (Female)
SS-ADPT-B-L-1/2MF-FX	R1/2 (Male)	G1/2 (Female)



ADAPTORS

ELBOW ADAPTOR FEMALE / FEMALE

Code		Tube OD
SS-ADPT-B-L-1/8FF-FX		G1/8
SS-ADPT-B-L-1/4FF-FX		G1/4
SS-ADPT-B-L-3/8FF-FX		G3/8
SS-ADPT-B-L-1/2FF-FX		G1/2



ADAPTORS

TEE ADAPTOR FEMALE / MALE / FEMALE

Code		Tube OD
SS-ADPT-B-T-1/8FMF-FX	G1/8 (Female)	R1/8 (Male)
SS-ADPT-B-T-1/4FMF-FX	G1/4 (Female)	R1/4 (Male)
SS-ADPT-B-T-3/8FMF-FX	G3/8 (Female)	R3/8 (Male)
SS-ADPT-B-T-1/2FMF-FX	G1/2 (Female)	R1/2 (Male)



ADAPTORS

TEE ADAPTOR FEMALE / FEMALE / FEMALE

Code	Tube Size	Thread Size
SS-ADPT-B-T-1/8FFF-FX		G1/8
SS-ADPT-B-T-1/4FFF-FX		G1/4
SS-ADPT-B-T-3/8FFF-FX		G3/8
SS-ADPT-B-T-1/2FFF-FX		G1/2



ADAPTORS

REDUCER TAPER MALE / FEMALE

Code	Tube Size	Thread Size
SS-RED-B-T-1/4M1/8F-FX	R1/4	G1/8
SS-RED-B-T-3/8M1/8F-FX	R3/8	G1/8
SS-RED-B-T-3/8M1/4F-FX	R3/8	G1/4
SS-RED-B-T-1/2M1/8F-FX	R1/2	G1/8
SS-RED-B-T-1/2M1/4F-FX	R1/2	G1/4
SS-RED-B-T-1/2M3/8F-FX	R1/2	G3/8



ADAPTORS

REDUCER PARALLEL MALE / FEMALE

Code	Tube OD	Thread Size
SS-RED-B-P-1/8M M5F-FX	G1/8	M5
SS-RED-B-P-1/4M1/8F-FX	G1/4	G1/8
SS-RED-B-P-3/8M1/4F-FX	G3/8	G1/4



ADAPTORS

NIPPLE TAPER

Code	Tube OD	Thread Size
SS-NIP-B-T-1/8-FX		R1/8
SS-NIP-B-T-1/4-FX		R1/4
SS-NIP-B-T-3/8-FX		R3/8
SS-NIP-B-T-1/2-FX		R1/2



ADAPTORS

NIPPLE REDUCER TAPER

Code	Tube OD	Thread Size
SS-NIP-RED-T-1/8-1/4-FX	R1/4	R1/8
SS-NIP-RED-T-1/4-3/8-FX	R3/8	R1/4
SS-NIP-RED-T-3/8-1/2-FX	R1/2	R3/8



ADAPTORS

SLEEVE

Code	Tube OD	Thread Size
SS-PLG-B-T-M1/8-FX		R1/8
SS-PLG-B-T-M1/4-FX		R1/4
SS-PLG-B-T-M3/8-FX		R3/8
SS-PLG-B-T-M1/2-FX		R1/2



ADAPTORS

PLUG WITH HEX COMPLETE WITH VITON O' RING

Code	Tube OD
SS-PLG-B-HEX-OR-1/8-FX	G1/8
SS-PLG-B-HEX-OR-1/4-FX	G1/4
SS-PLG-B-HEX-OR-3/8-FX	G1/3
SS-PLG-B-HEX-OR-1/2-FX	G1/2



ADAPTORS

TEE ADAPTOR MALE / MALE / MALE

Code	Tube OD
SS-SLV-B-1/8-FX	G1/8
SS-SLV-B-1/4-FX	G1/4
SS-SLV-B-3/8-FX	G3/8
SS-SLV-B-1/2-FX	G1/2



The international FLEXION™ infrastructure is embedded in a network of ERIKS Core Competence Centres, providing regional technical support, at the same time calling on the shared FLEXION™ pool of knowledge and specialised capabilities.

ERIKS

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