

Flange to Compression Connectors (FC)

One piece integral connectors allow the user to switch from piping flange standards to instrument compression with minimum cost and added safety. This system eliminates the need for additional connections while also eliminating the need for welding or pipe threads.

Specification

- 1/2" to 2" N.B. flanges (15 to 50DN).
- 150 to 2500lb flange class.
- Flanges to ANSI B16.5. (others available on request)
- Standard or inverted A-LOK® arrangements 1/4" to 1" O.D. (3mm to 25mm O.D.).
- Standard or inverted CPI™ arrangements 1/4" to 1" O.D. (3mm to 25mm O.D.).
- Flange sealing:-
Raised face spiral finish.
Ring type joint.
- Standard stainless steel body (316).
- Other materials on application



Features

- Full heat code traceability to EN10204-3.1
- Integrally machined body, no welding.
- Eliminates additional connections.
- P.T.F.E tape or liquid thread sealants not required.
- Variety of materials available.
- NACE MR 0175 / ISO 15156 compliance available on request.

Part number construction

	Series	Material (refer to table on page 218)	Connection	Flange Size	Face Style	Class
Example 1	FC	B	8A	16	F	600
Example 2	FC	K	M12A	8	T	1500

For CPI™ change A to Z.

For A-LOK® size codes see page 218.

Example 1: FCB8A16F600 - Stainless steel, 1/2" O.D. A-LOK® tube connection, 1" pipe flange, raised face, class 600.

Example 2: FCKM12A8T1500 - 6Mo, 12mm O.D. A-LOK® tube connection to 1/2" pipe flange, ring type joint, class 1500.

Material	
A	Carbon Steel
B	Stainless Steel
D	Monel M400
E	Duplex UNS 31803
F	Super Duplex UNS S.32750
G	Hastelloy C-276
H	Low Temp. C. St. A350 LF2
K	6Mo
L	825
M	Inconel 625

A-LOK® size codes

Designator	Fractional Size
1	1/16"
2	1/8"
3	3/16"
4	1/4"
5	5/16"
6	3/8"
8	1/2"
10	5/8"
12	3/4"
14	7/8"
16	1"
20	1-1/4"
24	1-1/2"
32	2"

Designator	Metric Size
M2	2
M3	3
M4	4
M6	6
M8	8
M10	10
M12	12
M14	14
M15	15
M16	16
M18	18
M20	20
M22	22
M25	25
M28	28
M30	30
M32	32