FC Series

Flange to Compression Connectors

Lower Cost, Added Safety:

One piece integral connectors allow the user to convert standard piping flanges to an instrumentation compression fitting with minimal cost and added safety. This system eliminates the need for additional connections while also eliminating the need for welding or pipe threads.

Contact Information:

Parker Hannifin Corporation
Instrumentation Products Division, Europe
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phone 0044 1271 313131

www.parker.com/ipd

Product Features:

- Full heat code traceability.
- Integrally machined body, no welding.
- Eliminates additional connections.
- PTFE tape or liquid thread sealants not required.
- Variety of materials available.
- NACE MR 0175 compliance available on request.

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Specifications:

- 1/2" to 2" nominal flanges.
- 150 to 2500 lb. flange class.
- Flanges to ANSI B16.5 (others available on request).
- Standard A-LOK® and CPI™ arrangements 1/4" to 1-1/2" O.D.
- Other connections (NPT, etc.) available. Contact factory for additional information.
- Flange sealing:
  - Raised face spiral finish.
  - Ring type joint.
- Standard stainless steel body (316).
- Other materials available as nonstandard.

Part Number Construction:

Examples:

1 - CPI™	FC	K	4	Z	8	T	1500	U
2 - A-LOK®	FC	B	8	A	16	F	600	U

FC							U
Product Code	Material	Connection Size	Type	Flange Size	Face Style	Class	Manufactured in US

Code	Material
B	**Stainless Steel 316 (Standard)**
A	Carbon Steel A105
D	Monel M400
E	Duplex UNS 31803
F	Super Duplex UNS S.32750
G	Hastelloy C-276
K	6Mo
L	825
M	Inconel 625

Code	Tube O.D.
4	1/4"
6	3/8"
8	1/2"
12	3/4"
14	7/8"
16	1"
20	1-1/4"
24	1-1/2"

Size Limitations	
Nominal Flange	**Largest Std. A-LOK®/ CPI™**
1/2"	1/2"
3/4"	3/4"
1"	1"
1-1/2"	1-1/4"
2"	1-1/2"

Code	Type
A	A-LOK®
Z	CPI™

Code	Flange Size
8	1/2"
12	3/4"
16	1"
24	1-1/2"
32	2"

Code	Face Style
F	Raised Face Spiral Finish
T	Ring Type Joint

Code	Class
150	150 lb.
300	300 lb.
600	600 lb.
900	900 lb.
1500	1500 lb.
2500	2500 lb.

Example 1: FCK4Z8T1500U is a 6Mo, 1/4" O.D. CPI™ tube connection, 1/2" pipe flange, ring type joint, class 1500 flange to compression connector manufactured in the US.

Example 2: FCB8A16F600U is a stainless steel, 1/2" O.D. A-LOK® tube connection, 1" pipe flange, raised face, class 600 flange to compression connector manufactured in the US.

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