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 Riverside Rd, Pottington Business Park, Barnstaple, UK

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.



ENGINEERING YOUR SUCCESS.

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		Т		1500	U					
2 - A-LOK [®] FC B			8		А		16		F		600	U					
		FC											U				
	Prod Cod		Materia	Connect Size		Туре		Flange Size		Face Style		Class	Manufactured in US				
	0									_	<u>.</u>						
	Code				Code Typ				Code			Code	Class				
	В		ess Steel Standard)		A Z	A-LC			F	Raised Spiral I		150 300	150 lb. 300 lb.				
	Α								т	Ring Ty			300 lb. 600 lb.				
	A		11 01001	Code	Tube O	OD				Joint	,pc	600 900	900 lb.				
	D	D Monel M400		4	1/4"							1500	1500 lb.				
	Е	Duple	x UNS	6	3/8"			Code	Flang	je Size		2500	2500 lb.				
		31803		8	1/2"			8	1	/2"		2300	2000 10.				
	F		Duplex	12	3/4"			12	3	/4"							
		UNS S	5.32750	14	7/8"			16		1"							
	G	Haste	,	16	1"			24		1-1/2"							
		C-276		20	1-1/4"			32	:	2"							
		K 6Mo		24	1-1/2	п											
	L	825	1.005	Size I	Size Limitations				Example 1: FCK4Z8T1500U is a 6Mo, 1/4" O.D.								
	M Inconel 625			5120 1	Largest Std.			CPI™ tube connection, 1/2" pipe flange, ring									
			Nominal Flange	A-LOK CPI ^{TI}	(®/ M	type joint, class 1500 flange to compression connector manufactured in the US.											
			1/2"	1/2"			Example 2: FCB8A16F600U is a stainless										
			3/4"	3/4"			steel, 1/2" O.D. A-LOK [®] tube connection,										
			1"	1"		1" pipe flange, raised face, class 600 flange											
			1-1/2"	1-1/4"		to compression connector manufactured in											
				2"	1-1/2"			the US.									

© 2009 Parker Hannifin Corporation

Bulletin 4240-FC October 2009



ENGINEERING YOUR SUCCESS.