

FC SERIES

Flange to Compression Connectors

Lower Cost, Added Safety

Parker Instrumentation Products Division flange adapters feature integral connectors that 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.



Product Features:

- Full heat code traceability
- Integrally machined body, no welding
- Eliminated additional connections
- PTFE tape or liquid thread sealants not required
- NACE Mr 0175 compliance available on request

Specifications:

- 1/2" to 2" nominal flanges
- 1150 to 2500 lb. flange class
- Flanges to ANSI B16.5 (others available on request)
- Standard CPI™ and A-LOK®
- Other connections (NPT, etc.) available.*
- Flange Sealing:
 - Raised face spiral finish
 - Ring type joint
- Standard 316 Stainless Steel Body

* Contact factory for additional information



Part Numbering

Examples:

CPI™	FC	B	8	Z	16	F	600	U
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A-LOK®	FC	B	4	A	8	T	1500	U
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Product Code	Material	Tube O.D. Connection Size		Type		Flange Size		Face Style		Class		Manufacturing Location																						
				A-LOK®	A	1/2"	8	Raise Face Spiral Finish	F	150 lb.	150	USA	U																					
FC	316 SS	B	1/4"	4	CPI™	Z	3/4"	12	Ring Type Joint	T	300 lb.	300																						
			3/8"	6	1"	16	600 lb.	600																										
			1/2"	8			900 lb.	900																										
			3/4"	12	1-1/2"	24	1500 lb.	1500																										
			7/8"	14			2500 lb.	2500																										
			1"	16	2"	32																												
			1-1/4"	20																														
			1-1/2"	24																														
			<table border="1"> <thead> <tr> <th colspan="2">Size Limitations</th> </tr> <tr> <th>Nominal Flange</th> <th>Largest Standard A-LOK®/CPI™</th> </tr> </thead> <tbody> <tr> <td>1/2"</td> <td>1/2"</td> </tr> <tr> <td>3/4"</td> <td>3/4"</td> </tr> <tr> <td>1"</td> <td>1"</td> </tr> <tr> <td>1-1/2"</td> <td>1-1/4"</td> </tr> <tr> <td>2"</td> <td>1-1/2"</td> </tr> </tbody> </table>														Size Limitations		Nominal Flange	Largest Standard A-LOK®/CPI™	1/2"	1/2"	3/4"	3/4"	1"	1"	1-1/2"	1-1/4"	2"	1-1/2"				
			Size Limitations																															
Nominal Flange	Largest Standard A-LOK®/CPI™																																	
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1-1/2"	1-1/4"																																	
2"	1-1/2"																																	

Example 1 - CPI™:

FCB8A16F600U is a 316 stainless steel, 1/2" O.D. CPI™ tube connection, 1" pipe flange, raised face, class 600 flange to compression connector manufactured in the USA.

Example 2 - A-LOK®:

FCB4A8T1500U is a 316 stainless steel, 1/4" O.D. A-LOK® tube connection, 1/2" pipe flange, ring type joint face, class 1500 flange to compression connector manufactured in the USA.

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