Adapters/Couplings - Male/Female JIC Adapters

Male /female adapters are designed to adapt a female connection to another size and/or type of connection without the need for additional couplings. In selecting an adapter involving two different sized connections, the larger connection should be on the male end where it is possible to maximize the mechanical strength of the adapter.

To use this chart:

1. Locate MALE end in vertical column.
2. Locate desired FEMALE end of adapter across top of chart.
3. Catalog number of required adapter is located at intersection of columns.
4. For one piece adapter add-OP to suffix of part number where applicable.

Other Adapters

Parker Autoclave Engineers supplies many other types of adapters on special order. These include Parker Autoclave UniVersa-Lok swaged-type connections, socketweld to O.D. tube or nominal pipe size, male or female AN connections and others.

Materials

All Parker Autoclave Engineers adapters are precision machined from cold-worked Type 316 stainless steel. Other materials available on special order.

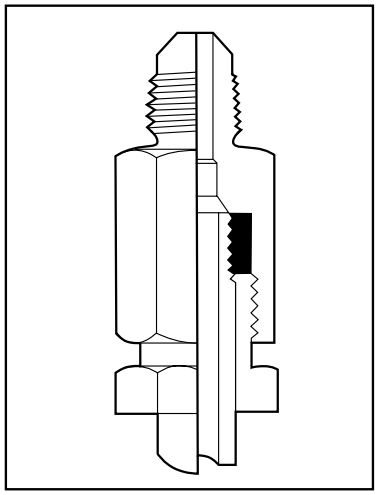
Note: Special material couplings may be supplied with four flats in place of standard hex.

MALE END				FEMALE END									
Connection Size and Type				JIC						Medium Pressure		
				1/4" JIC4	3/8" JIC6	1/2" JIC8	5/8" JIC10	3/4" JIC12	1" JIC16	1/4" SF250CX	3/8" SF375CX	9/16" SF562CX
		Fits this Female Connection	Pressure Rating PSI (bar)*	20,000 (1378.93)	20,000 (1378.93)	20,000 (1378.93)	20,000 (1378.93)	15,000 (1034.20)	15,000 (1034.20)	20,000 (1378.93)	20,000 (1378.93)	20,000 (1378.93)
JIC	1/4"	JIC4	20,000 (1378.93)							20MFAJ4M4	20MFAJ4M6	20MFAJ4M9
	3/8"	JIC6	20,000 (1378.93)							20MFAJ6M4	20MFAJ6M6	20MFAJ6M9
	1/2"	JIC8	20,000 (1378.93)							20MFAJ8M4	20MFAJ8M6	20MFAJ8M9
	5/8"	JIC10	20,000 (1378.93)									
	3/4"	JIC12	15,000 (1034.20)							15MFAJ12M4	15MFAJ12M6	15MFAJ12M9
	1"	JIC16	15,000 (1034.20)							15MFAJ16M4	15MFAJ16M6	15MFAJ16M9
Medium Pressure	1/4"	SF250CX	20,000 (1378.93)	20MFAM4J4	20MFAM4J6							
	3/8"	SF375CX	20,000 (1378.93)									
	9/16"	SF562CX	20,000 (1378.93)									
	3/4"	SF750CX	20,000 (1378.93)	20MFAM12J4								
	1"	SF1000CX	20,000 (1378.93)									
High Pressure	1/4"	F250C	60,000 (4136.85)	20MFAH4J4								
	3/8"	F375C	60,000 (4136.85)									
	9/16"	F562C	60,000 (4136.85)									
National Pipe Thread (NPT)	1/4"	NPT	15,000 (1034.20)									
	3/8"	NPT	15,000 (1034.20)		15MFAP6J6							
	1/2"	NPT	15,000 (1034.20)									
	3/4"	NPT	10,000 (689.45)									
	1"	NPT	10,000 (689.45)									

Note:
All adapters with Parker Autoclave connections are supplied with appropriate glands, collars, tube nuts and sleeves unless specified without.
JIC connections are not supplied with connection components.

** The maximum pressure rating for an adapter is determined by the connection component with the LOWEST pressure rating; that is, the two end connections and the tubing or pipe used, whichever is LOWER.*
CAUTION: See appropriate pressure section in reference to proper selection of tubing.

All general terms and conditions of sale, including limitations of our liability, apply to all products and services sold.



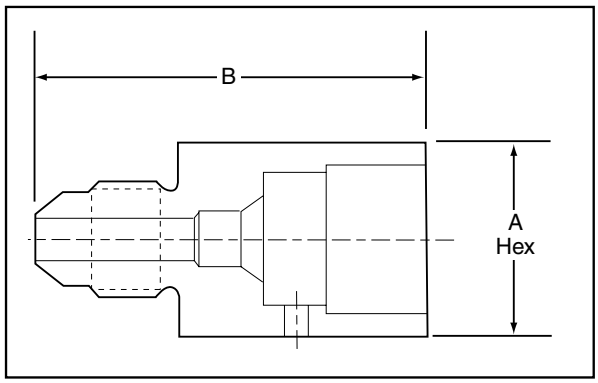
FEMALE END									
Medium Pressure		**High Pressure**			**National Pipe Thread (NPT)**				
3/4" F750CX	1" F1000CX	1/4" F250C	3/8" F375C	9/16" F562C	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1" NPT
20,000 (1378.93)	20,000 (1378.93)	60,000 (4136.85)	60,000 (4136.85)	60,000 (4136.85)	15,000 (1034.20)	15,000 (1034.20)	15,000 (1034.20)	10,000 (689.45)	10,000 (689.45)
20MFAJ4M12	20MFAJ4M16	20MFAJ4H4	20MFAJ4H6	20MFAJ4H9	15MFAJ4P4		15MFAJ4P8		
20MFAJ6M12	20MFAJ6M16		20MFAJ6H6						
20MFAJ8M12	20MFAJ8M16								
15MFAJ12M12	15MFAJ12M16								
15MFAJ16M12	15MFAJ16M16								

Parker AE Male/Female Adapters are available in a "one-piece" design. They are identical to the two piece designs in length and can be ordered by adding the suffix - OP to the two piece adapter part numbers listed.

For prompt service, Parker Autoclave Engineers stocks select products. Consult factory.

Adapters/Couplings - Male/Female JIC Adapters

Male End Fits this Connection	Female End	Catalog Number	Dimension inches (mm)	
			A Hex	B
JIC to Medium Pressure				
1/4" JIC	SF250CX	20MFAJ4M4	0.63 (15.9)	1.25 (31.8)
1/4" JIC	SF375CX	20MFAJ4M6	0.75 (19.1)	1.50 (38.1)
1/4" JIC	SF562CX	20MFAJ4M9	1.00 (25.4)	1.88 (47.8)
1/4" JIC	SF750CX	20MFAJ4M12	1.38 (35.1)	2.13 (54.0)
1/4" JIC	SF1000CX	20MFAJ4M16	1.75 (44.5)	2.75 (69.9)
3/8" JIC	SF250CX	20MFAJ6M4	0.63 (15.9)	1.25 (31.8)
3/8" JIC	SF375CX	20MFAJ6M6	0.75 (19.1)	1.44 (36.5)
3/8" JIC	SF562CX	20MFAJ6M9	1.00 (25.4)	1.88 (47.8)
3/8" JIC	SF750CX	20MFAJ6M12	1.38 (35.1)	2.13 (54.0)
3/8" JIC	SF1000CX	20MFAJ6M16	1.75 (44.5)	2.62 (66.5)
1/2" JIC	SF250CX	20MFAJ8M4	0.81 (20.6)	1.63 (41.3)
1/2" JIC	SF375CX	20MFAJ8M6	0.81 (20.6)	1.75 (44.5)
1/2" JIC	SF562CX	20MFAJ8M9	1.00 (25.4)	1.88 (47.8)
1/2" JIC	SF750CX	20MFAJ8M12	1.38 (35.1)	2.25 (57.2)
1/2" JIC	SF1000CX	20MFAJ8M16	1.75 (44.5)	2.75 (69.9)
3/4" JIC	SF250CX	15MFAJ12M4	1.38 (35.1)	2.00 (50.8)
3/4" JIC	SF375CX	15MFAJ12M6	1.38 (35.1)	2.00 (50.8)
3/4" JIC	SF562CX	15MFAJ12M9	1.38 (35.1)	2.00 (50.8)
3/4" JIC	SF750CX	15MFAJ12M12	1.38 (35.1)	2.25 (57.2)
3/4" JIC	SF1000CX	15MFAJ12M16	1.75 (44.5)	3.25 (82.6)
1" JIC	SF250CX	15MFAJ16M4	1.50 (38.1)	2.00 (50.8)
1" JIC	SF375CX	15MFAJ16M6	1.50 (38.1)	2.00 (50.8)
1" JIC	SF562CX	15MFAJ16M9	1.50 (38.1)	2.25 (57.2)
1" JIC	SF750CX	15MFAJ16M12	1.38 (35.1)	2.62 (66.5)
1" JIC	SF1000CX	15MFAJ16M16	1.75 (44.5)	3.25 (82.6)
JIC to High Pressure				
1/4" JIC	SF250C	20MFAJ4H4	0.75 (19.1)	1.38 (35.1)
1/4" JIC	SF375C	20MFAJ4H6	1.00 (25.4)	1.50 (38.1)
1/4" JIC	SF562C	20MFAJ4H9	1.38 (35.1)	2.00 (50.8)
3/8" JIC	SF375C	20MFAJ6H6	1.00 (25.4)	1.50 (38.1)
JIC to NPT				
1/4" JIC	1/4" NPT	15MFAJ4P4	0.94 (23.8)	1.50 (38.1)
1/4" JIC	1/2" NPT	15MFAJ4P8	1.19 (30.1)	1.88 (47.8)
Medium Pressure to JIC				
SF250CX	1/4" JIC	20MFAM4J4	0.75 (19.1)	1.56 (39.7)
SF250CX	3/8" JIC	20MFAM4J6	0.81 (20.6)	1.50 (38.1)
SF750CX	1/4" JIC	20MFAJ12J4	1.19 (30.1)	2.00 (50.8)
High Pressure to JIC				
F250C	1/4" JIC	20MFAH4J4	0.75 (19.1)	1.50 (38.1)
NPT to JIC				
3/8" NPT	3/8" JIC	15MFAP6J6	0.81 (20.6)	1.50 (38.1)



Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark