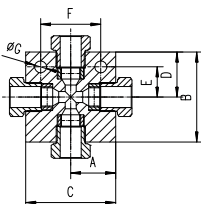
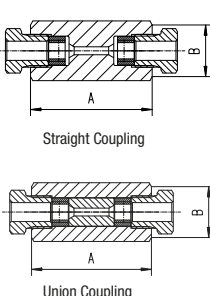
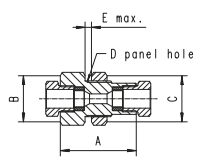
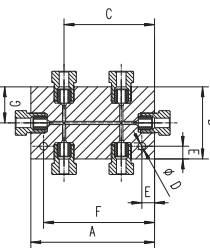


Medium Pressure Fittings

» Pressures to 22,500 psi (1,550 bar)

Fitting Pattern	Catalog Number	Connection Type	O.D. Tube Size in.	Orifice in. (mm)	Dimensions in. (mm)							Block Thickness
Cross												
	21X4M	4MF	1/4	0.106 (2.7)	0.77 (19.5)	1.54 (39.1)	1.54 (39.1)	0.77 (19.5)	0.49 (12.5)	0.98 (25)	0.22 (5.6)	0.63 (16)
	21X6M	6MF	3/8	0.201 (5.1)	1.00 (25.4)	2.00 (50.8)	2.00 (50.8)	1.00 (25.4)	0.63 (16)	1.26 (32)	0.26 (6.6)	0.79 (20.1)
	21X9M	9MF	9/16	0.307 (7.8)	1.25 (31.8)	2.50 (63.5)	2.50 (63.5)	1.25 (31.8)	0.84 (21.3)	1.67 (42.6)	0.33 (8.4)	1.02 (25.9)
	21X12M	12MF	3/4	0.438 (11.1)	1.50 (38.1)	3.00 (76)	3.00 (76)	1.50 (38.1)	1.00 (25.4)	2.00 (50.8)	0.35 (8.9)	1.38 (35)
	21X16M	16MF	1	0.562 (14.3)	2.06 (52.3)	4.13 (105)	4.13 (105)	2.06 (52.3)	1.38 (35)	2.76 (70)	0.53 (13.5)	1.77 (45)
Straight Coupling / Union Coupling												
	21F4M	4MF	1/4	0.106 (2.7)	1.62 (41.1)	0.69 (17.5)	Straight Coupling					
	21UF4M				Union Coupling							
	21F6M	6MF	3/8	0.201 (5.1)	1.75 (44.5)	0.88 (22.3)	Straight Coupling					
	21UF6M				Union Coupling							
	21F9M	9MF	9/16	0.307 (7.8)	2.12 (53.8)	1.06 (27)	Straight Coupling					
	21UF9M				Union Coupling							
	21F12M	12MF	3/4	0.438 (11.1)	2.50 (63.5)	1.44 (36.5)	Straight Coupling					
	21UF12M				Union Coupling							
	21F16M	16MF	1	0.562 (14.3)	3.50 (88.9)	2.00 (50.8)	Straight Coupling					
	21UF16M				Union Coupling							
Bulkhead Coupling												
	21BF4M	4MF	1/4	0.106 (2.7)	1.88 (47.8)	1.06 (27)	1.06 (27)	0.94 (23.9)	0.67 (17)			
	21BF6M	6MF	3/8	0.201 (5.1)	2.01 (51)	1.06 (27)	1.06 (27)	0.94 (23.9)	0.39 (9.9)			
	21BF9M	9MF	9/16	0.307 (7.8)	2.38 (60.5)	1.44 (36.5)	1.44 (36.5)	1.12 (28.5)	0.39 (9.9)			
	21BF12M	12MF	3/4	0.438 (11.1)	2.81 (71.4)	1.62 (41.3)	1.62 (41.3)	1.37 (34.8)	0.47 (11.9)			
	21BF16M	16MF	1	0.562 (14.3)	3.54 (89.9)	2.00 (50.8)	2.00 (50.8)	1.68 (42.6)	0.51 (13)			
Manifold Block												
	21MB64M	4MF	1/4	0.106 (2.7)	3.39 (86)	1.54 (39.1)	2.6 (66)	0.22 (5.5)	0.28 (7)	3.11 (79)	0.77 (19.5)	0.63 (16)
	21MB66M	6MF	3/8	0.201 (5.1)	3.39 (86)	2.00 (50.8)	2.38 (60.5)	0.26 (6.5)	0.37 (9.5)	3.01 (76.5)	1.00 (25.5)	0.79 (20.1)
	21MB69M	9MF	9/16	0.307 (7.8)	5.12 (130)	2.50 (63.5)	3.86 (98)	0.33 (8.5)	0.41 (10.5)	4.7 (119.5)	1.25 (31.75)	1.02 (25.9)
	21MB612M	12MF	3/4	0.438 (11.1)	6.50 (165)	3.00 (76)	5.00 (127)	0.35 (9)	0.49 (12.5)	6.00 (152.5)	1.5 (38)	1.38 (35)
	21MB616M	16MF	1	0.562 (14.3)	7.25 (191)	4.13 (105)	5.45 (138.5)	0.53 (13.5)	0.69 (17.5)	6.83 (173.5)	2.07 (52.5)	1.77 (45)

All dimensions are for reference only and are subject to change. See page 2 in the Technical Section for pressure/temperature rating chart.

All technical and dimensional information subject to change. All general Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

Adapters and Couplings

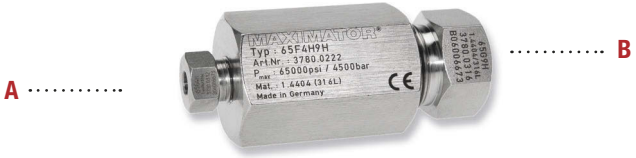
» Couplings (female to female)

Couplings (female to female)

Maximator couplings are female to female fittings that allow the joining of two different sizes and / or types of connections for a variety of size combinations. All couplings and adapters are made of 316 cold worked stainless steel material; other materials are available upon request. Glands and collars are included with each female tube connection.

» Instructions:

Find the male connection you want on the adapter in the „A“ column and the female connection of the adapter in the „B“ column. At the intersection of the two columns is the appropriate catalog number.



Female Connection A			Female Connection B				
Tube Size in.	Connection Type	Maximum Pressure psi (bar)*	Female Medium Pressure / 22,500 psi (1,550 bar)				
			1/4" 4M	3/8" 6M	9/16" 9M	3/4" 12M	1" 16M
Female Medium							
1/4"	4M	22,500 (1,550)	21F4M	21F4M6M	21F4M9M	21F4M12M	21F4M16M
3/8"	6M	22,500 (1,550)		21F6M	21F6M9M	21F6M12M	21F6M16M
9/16"	9M	22,500 (1,550)			21F9M	21F9M12M	21F9M16M
3/4"	12M	22,500 (1,550)				21F12M	21F12M16M
1"	16M	22,500 (1,550)					21F16M

Female Connection A			Female Connection B			
Tube Size in.	Connection Type	Maximum Pressure psi (bar)*	Female High Pressure 65,000 psi (4,500 bar)		Female Ultra-High Pressure 152,000 psi (10,500 bar)	
			1/4" 4H	3/8" 6H	9/16" 9H	5/16" 5U
Female Medium						
1/4"	4M	22,500 (1,550)	21F4M4H	21F4M6H	21F4M9H	21F4M5U
3/8"	6M	22,500 (1,550)	21F6M4H	21F6M6H	21F6M9H	21F6M5U
9/16"	9M	22,500 (1,550)	21F9M4H	21F9M6H	21F9M9H	21F9M5U
3/4"	12M	22,500 (1,550)	21F12M4H	21F12M6H	21F12M9H	21F12M5U
1"	16M	22,500 (1,550)	21F16M4H	21F16M6H	21F16M9H	21F16M5U
Female High						
1/4"	4H	65,000 (4,500)	65F4H	65F4H6H	65F4H9H	65F4H5U
3/8"	6H	65,000 (4,500)		65F6H	65F6H9H	65F6H5U
9/16"	9H	65,000 (4,500)			65F9H	65F9H5U
Female Ultra High						
5/16"	5U	152,000 (10,500)				152F5U

* The pressure rating of any adapter is the value of the lowest rated connection in the fitting.
Note: All Maximator adapters come standard in the "one-piece" design style. Adapters with the two piece design are available by adding a suffix -2P after the part numbers listed above. Both designs are identical in length, and are interchangeable with each other.
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Products for Sour Gas Applications

Pipe Valves

to 15,200 psi (1,050 bar)

Adapters and Couplings

Medium Pressure

to 22,500 psi (1,550 bar)

Accessories

High Pressure

to 65,000 psi (4,500 bar)

Tools

Ultra High Pressure

to 152,000 psi (10,500 bar)

Technical Information

Valve Actuators

to 21,000 psi (1,500 bar)

Customized Solutions

Ball Valves

to 21,000 psi (1,500 bar)