

Medium Pressure Fittings

Maximator medium pressure fittings are designed for use with 15V series hydrogen valves, 21V series medium pressure valves and medium pressure tubing. All medium pressure fittings have coned and threaded type connections. Mounting holes are standard on all elbows, tees and crosses.



Tube Size in. (mm)				
1/4 (6.35)	21G4M	21C4M	21P4M	21TC4M
3/8 (9.53)	21G6M	21C6M	21P6M	21TC6M
9/16 (14.29)	21G9M	21C9M	21P9M	21TC9M
3/4 (19.05)	21G12M	21C12M	21P12M	21TC12M
1 (25.4)	21G16M	21C16M	21P16M	21TC16M

Connection Components

All medium pressure fittings are supplied with glands and collars. Refer to the adjacent chart for ordering any of the connection components individually. When using the plug, the collar is not needed.

» **Materials:**

Fitting body: 1.4404 (SST 316L)

Gland, collar: : 1.4404 (SST 316L)

Fitting Pattern	Catalog Number	Connection Type	O.D. Tube Size in.	Orifice in. (mm)	Dimensions in. (mm)							Block Thickness
					A	B	C	D	E	F	G	
Elbow												
	21L4M	4MF	1/4	0.106 (2.7)	0.75 (19.1)	1.10 (28)	1.54 (39.1)	0.75 (19.1)	0.49 (12.5)	0.49 (12.5)	0.22 (5.6)	0.63 (16)
	21L6M	6MF	3/8	0.201 (5.1)	1.00 (25.4)	1.38 (35)	2.00 (50.8)	1.00 (25.4)	0.63 (16)	0.63 (16)	0.26 (6.6)	0.79 (20.1)
	21L9M	9MF	9/16	0.307 (7.8)	1.25 (31.8)	1.75 (44.5)	2.50 (63.5)	1.25 (31.8)	0.84 (21.3)	0.84 (21.3)	0.33 (8.4)	1.02 (25.9)
	21L12M	12MF	3/4	0.438 (11.1)	1.50 (38.1)	2.25 (57.2)	3.00 (76)	1.50 (38.1)	1.00 (25.4)	1.00 (25.4)	0.35 (8.9)	1.38 (35)
	21L16M	16MF	1	0.562 (14.3)	2.06 (52.3)	3.00 (76)	4.13 (105)	2.06 (52.3)	1.38 (35)	1.38 (35)	0.53 (13.5)	1.77 (45)
Tee												
	21T4M	4MF	1/4	0.106 (2.7)	0.75 (19.1)	1.10 (28)	1.54 (39.1)	0.75 (19.1)	0.49 (12.5)	0.98 (25)	0.22 (5.6)	0.63 (16)
	21T6M	6MF	3/8	0.201 (5.1)	1.00 (25.4)	1.38 (35)	2.00 (50.8)	1.00 (25.4)	0.63 (16)	1.26 (32)	0.26 (6.6)	0.79 (20.1)
	21T9M	9MF	9/16	0.307 (7.8)	1.25 (31.8)	1.75 (44.5)	2.50 (63.5)	1.25 (31.8)	0.84 (21.3)	1.67 (42.6)	0.33 (8.4)	1.02 (25.9)
	21T12M	12MF	3/4	0.438 (11.1)	1.50 (38.1)	2.25 (57.2)	3.00 (76)	1.50 (38.1)	1.00 (25.4)	2.00 (50.8)	0.35 (8.9)	1.38 (35)
	21T16M	16MF	1	0.562 (14.3)	2.06 (52.3)	3.00 (76)	4.13 (105)	2.06 (52.3)	1.38 (35)	2.76 (70)	0.53 (13.5)	1.77 (45)

All dimensions are for reference only and are subject to change.

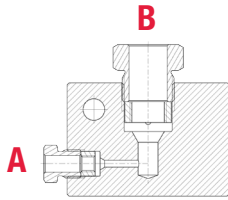
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Medium Pressure Fittings with Variable Connections

Maximator also offers medium pressure elbow, tee and cross fittings with variable connections. The dimensions depend on the largest connection type. All medium pressure fittings have coned and threaded type connections. Mounting holes are standard on all elbows, tees and crosses.

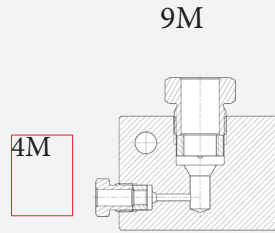
Elbow

Body structure



Catalog Number **21L A B**

Example:



Catalog Number

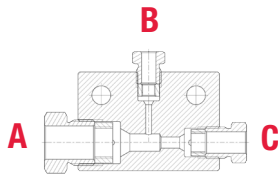
21L 4M 9M

A B

Largest connection type*

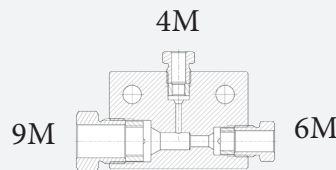
Tee

Body structure



Catalog Number **21T A B C**

Example:



Catalog Number

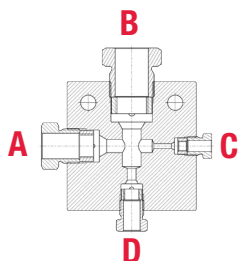
21T 9M 4M 6M

A B C

Largest connection type*

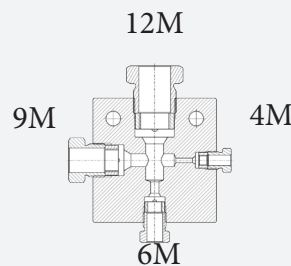
Cross

Body structure



Catalog Number **21X A B C D**

Example:



Catalog Number

21X 9M 12M 4M 6M

A B C D

Largest connection type*

* All dimensions can be found on the previous pages.

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