

High Pressure Fittings

Pressures to 65,000 psi



MAXIMATOR high pressure fittings are designed to be used with the 36V, 43V and 65V series high pressure valves and high pressure tubing. All high pressure fittings have coned and threaded type connections. Mounting holes are standard on all elbows, tees, and crosses.



Connection Components

All high 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.

Tubing Size	Gland	Collar	Plug	Tubing Cap
1/4	65G4H	65C4H	65P4H	65TC4H
3/8	65G6H	65C6H	65P6H	65TC6H
9/16	65G9H	65C9H	65P9H	65TC9H
1	43G16M	43C16M	43P16M	43TC16M

Fitting Pattern	Catalog Number	Pressure Rating (PSI)	Connection Type	O.D. Tube Size (in.)	Orifice (in.)	Dimensions (in.)							Block Thickness
						A	B	C	D	E	F	G	
Elbow													
	65L4H	65,000	4HF	1/4	0.094	0.89	1.02	1.54	0.63	0.46	0.65	0.22	1.02
	65L6H	65,000	6HF	3/8	0.125	1.26	1.50	2.01	0.98	0.72	0.69	0.26	1.02
	65L9H	65,000	9HF	9/16	0.188	1.89	1.89	2.64	1.10	0.83	0.94	0.33	1.54
	43L16M	43,000	16MF	1	0.438	2.07	3.00	4.13	2.06	1.38	1.38	0.53	1.77
Tee													
	65T4H	65,000	4HF	1/4	0.094	1.00	1.26	2.01	0.89	0.46	1.30	0.22	1.02
	65T6H	65,000	6HF	3/8	0.125	1.00	1.57	2.01	1.06	0.72	1.38	0.26	1.02
	65T9H	65,000	9HF	9/16	0.188	1.32	2.13	2.64	1.38	0.83	1.89	0.33	1.54
	43T16M	43,000	16MF	1	0.438	2.07	3.00	4.13	2.06	1.38	2.76	0.53	1.77
Cross													
	65X4H	65,000	4HF	1/4	0.094	1.00	1.26	2.01	0.63	0.46	1.30	0.22	1.02
	65X6H	65,000	6HF	3/8	0.125	1.00	2.13	2.01	1.06	0.72	1.38	0.26	1.02
	65X9H	65,000	9HF	9/16	0.188	1.32	2.76	2.64	1.38	0.83	1.89	0.33	1.54
	43X16M	43,000	16MF	1	0.438	2.07	4.13	4.13	2.07	1.38	2.75	0.53	1.77
Straight Coupling / Union Coupling													
	65F4H	65,000	4HF	1/4	0.094	1.38	1.06	Straight Coupling					
	65UF4H							Union Coupling					
	65F6H	65,000	6HF	3/8	0.125	1.77	1.06	Straight Coupling					
	65UF6H							Union Coupling					
	65F9H	65,000	9HF	9/16	0.188	2.19	1.44	Straight Coupling					
	65UF9H							Union Coupling					
43F16M	43,000	16MF	1	0.438	3.50	2.00	Straight Coupling						
43UF16M							Union Coupling						
Bulkhead Coupling													
	65BF4H	65,000	4HF	1/4	0.094	1.89	1.06	1.06	0.94	0.25			
	65BF6H	65,000	6HF	3/8	0.125	2.38	1.44	1.44	1.18	0.35			
	65BF9H	65,000	9HF	9/16	0.188	2.76	1.63	1.63	1.43	0.67			
	43BF16M	43,000	16MF	1	0.438	3.50	2.00	2.36	1.69	0.47			

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

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