Ultra High Pressure Valves

100,000 psi service

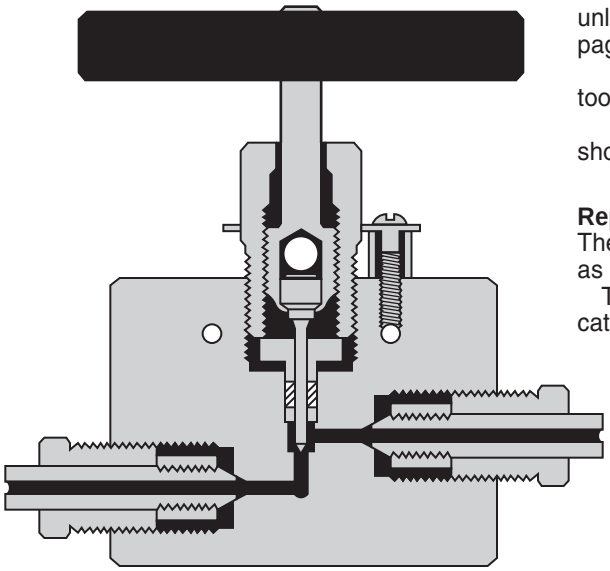
High Pressure (coned and threaded) type connections for 1/4" O.D. by 1/16" I.D. tubing.

Non-rotating tip stems insure long life on valve seats. Heavy duty "rolled style" stem design is shown below.

Glands and collars for tubing are supplied with each valve unless otherwise requested (glands and collars are shown on page 5.A).

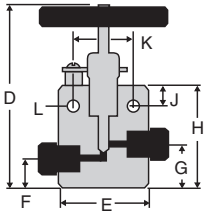
Materials include 316 stainless steel for valve bodies with tool steel lower section stems. Valve packing is teflon.

Corresponding fittings (elbows, tees, crosses, etc.) are shown on page 5.4.

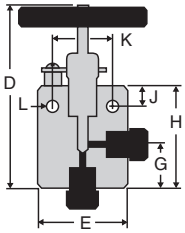


Replaceable Seat Valves are available for 1/4" O.D. tubing. These valves feature the same body style and body dimensions as the two way angle valves (shown below).

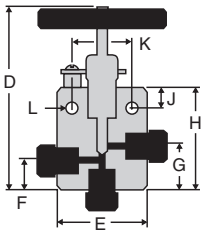
To order add "R" to the corresponding two way valve catalog number (eg. 100-12XF4R).



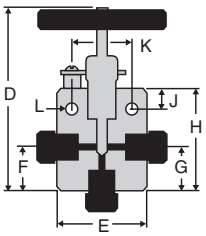
Two Way
Straight



Two Way
Angle



Three Way
Two Inlets



Three Way
One Inlet

Manual Shutoff Valves

Body Pattern	Tubing	Catalog No.	psi	Connection	Orifice	D	E	F	G	H	J	K	L	Thickness
2-Way Straight	1/4" O.D.	100-11XF4	100,000	XF4	1/16"	5"	2 5/8"	3/4"	1 1/16"	2 1/2"	1/2"	1 5/8"	7/32"	1 1/2"
2-Way Angle	1/4" O.D.	100-12XF4	100,000	XF4	1/16"	5 1/4"	2 5/8"	—	1 5/16"	2 3/4"	1/2"	1 5/8"	7/32"	1 1/2"
3-Way/2 Inlets	1/4" O.D.	100-13XF4	100,000	XF4	1/16"	5 1/2"	2 5/8"	1 1/4"	1 9/16"	3"	1/2"	1 5/8"	7/32"	1 1/2"
3-Way/1 Inlet	1/4" O.D.	100-14XF4	100,000	XF4	1/16"	5 1/4"	2 5/8"	1 5/16"	1 5/16"	2 3/4"	1/2"	1 5/8"	7/32"	1 1/2"