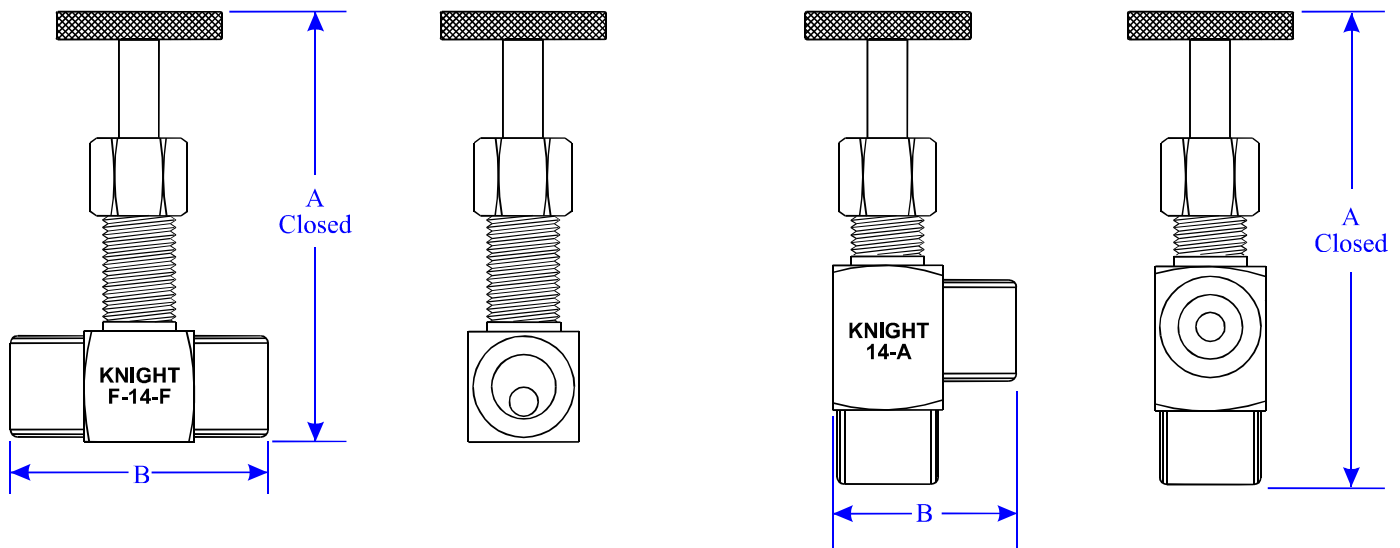


KNIGHT STANDARD NEEDLE VALVES

Knight Standard Valves are precision built and are recommended for use with compressed air or oxygen, as well as all fuel gases. These positive action valves are machined from solid brass bar stock, and feature stainless steel stems and Teflon packing for maximum corrosion resistance. The quality construction of Knight needle valves allows them to be used with high pressure gases. Each valve is leak tested under high pressure prior to shipment. Knight valves are perfect for use in all industrial combustion systems, on bench installations, or on lathe burner systems. They are available in straight or angle styles to conform to your specific applications.



Valve Number	Body Style	Inlet Pipe Size	Outlet Pipe Size	Orifice Size	Height (A)	Width (B)	Stem Thread
F-18-F	Straight	1/8" NPT-F	1/8" NPT-F	0.195"	3"	1-3/4"	5/16-40
18-A	Angle	1/8" NPT-F	1/8" NPT-F	0.195"	3-1/4"	1-1/4"	5/16-40
F-14-F	Straight	1/4" NPT-F	1/4" NPT-F	0.195"	3"	1-3/4"	5/16-40
14-A	Angle	1/4" NPT-F	1/4" NPT-F	0.195"	3-1/4"	1-1/4"	5/16-40
F-38-F	Straight	3/8" NPT-F	3/8" NPT-F	0.280"	3"	2-1/4"	3/8-32
38-A	Angle	3/8" NPT-F	3/8" NPT-F	0.280"	3-3/8"	1-3/4"	3/8-32
F-12-F	Straight	1/2" NPT-F	1/2" NPT-F	0.302"	3-3/4"	2-1/4"	7/16-28
12-A	Angle	1/2" NPT-F	1/2" NPT-F	0.302"	3-3/8"	1-3/4"	7/16-28
F-34-F	Straight	3/4" NPT-F	3/4" NPT-F	0.500"	4-3/4"	3"	3/4-24
34-A	Angle	3/4" NPT-F	3/4" NPT-F	0.500"	5"	2-1/4"	3/4-24
F-100-F	Straight	1" NPT-F	1" NPT-F	0.562"	5-5/16"	4"	3/4-24
100-A	Angle	1" NPT-F	1" NPT-F	0.562"	6"	2-13/16"	3/4-24
F-125-F	Straight	1-1/4" NPT-F	1-1/4" NPT-F	0.875"	8"	5"	1-1/8-20
F-150-F	Straight	1-1/2" NPT-F	1-1/2" NPT-F	0.875"	8"	5"	1-1/8-20

- F Denotes Female Thread

Options: All Knight Standard Needle Valves are available in Panel Mount

