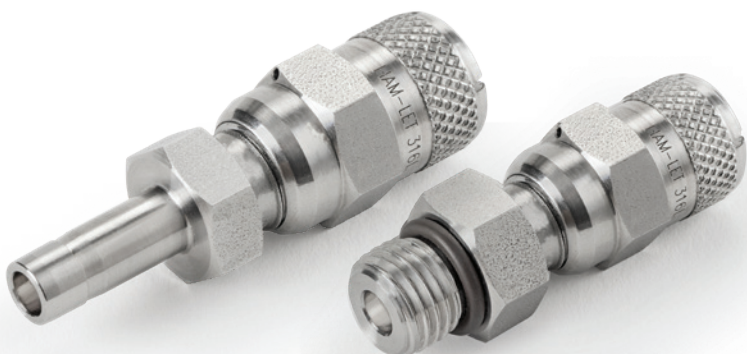




PURGE VALVES



- ✓ Working pressures up to 4000 psig (275 bar)
- ✓ Permanently knurled cap for safety
- ✓ Integrated vent hole for liquid or gas excess
- ✓ Metal slotted handle for easy installation



PURGE VALVE

Our purge valves serve as manual bleed, vent, or drain valves. The knurled cap is securely attached to the valve body to enhance safety. A simple one-quarter turn with a wrench, starting from finger-tight, achieves a leak-tight seal during the initial installation. Utilizing a wrench for snug tightening guarantees closure at the rated pressure during subsequent assemblies.

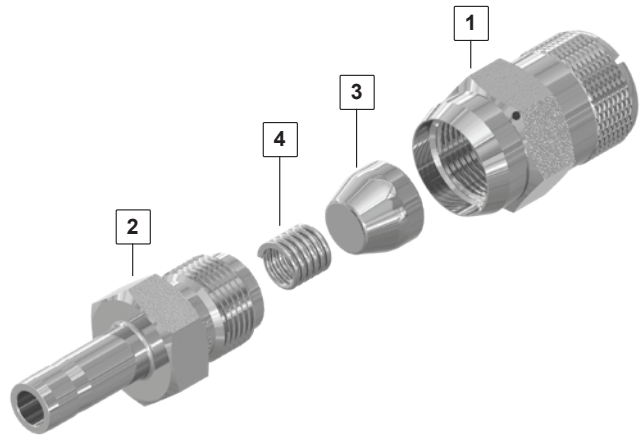
CLEANING & PACKAGING

Every Purge valve series is cleaned in accordance with Standard Cleaning and Packaging (procedure 8184). Oxygen Clean Cleaning and packaging is in accordance with Special Cleaning and Packaging (procedure 8185) and is available as an option.

MATERIALS OF CONSTRUCTION

No.	Part	Qty	Material
1	Cup ¹	1	316 SST
2	Body ^{1 2}	1	316 SST
3	Poppet ¹	1	316 SST
4	Spring ¹	1	304 SST
5	Lubricant		Silicone-based

¹Wetted parts
²Male SAE body has fluorocarbon FKM O-ring



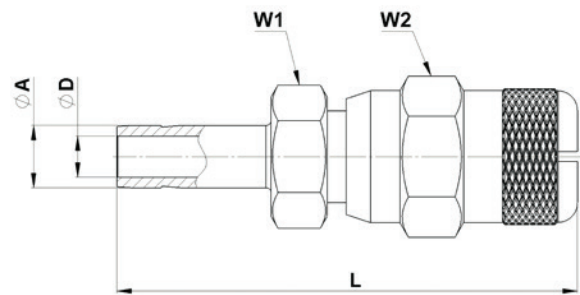
PURGE VALVES FEATURES

- Working pressures up to 4000 psig (275 bar)
- Temperatures up to 600°F (315°C)
- 316 stainless steel material
- Integrated vent hole for liquid or gas excess
- Male SAE and Tube Adaptor end connections
- Metal slotted handle
- Permanently knurled cap for safety
- Compact for convenient installation

PRESSURE - TEMPERATURE RATINGS

Material – 316 SST			
Temperature		Working Pressure	
°F	°C	psig	bar
–67	(–55)	4000	275
100	37	4000	275
150	65	3720	256
212	100	3450	237
302	150	3110	214
356	180	2980	205
392	200	2850	196
446	230	2750	189
500	260	2650	182
600	315	2500	172

PURGE VALVES CONFIGURATION DIMENSIONS



Type	Size	A		D		W1 Hex Flat		W2 Hex Flat		L Open	
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
Tube Fittings	1/4	0.25	6.38	0.17	4.20	0.50	12.70	0.56	14.29	1.85	47.10
	1/2	0.5	12.75	0.37	9.40	0.56	14.29	0.56	14.29	2.13	54.17
Male SAE	1/4	0.44	11.07	0.19	4.80	0.56	14.29	0.56	14.29	1.65	42.01

ORDERING INFORMATION - PURGE VALVES

PV	-	80	SS	TS	1/4
Purge Valve		Valve Type	Material	End Connection Type	End Connection Size
		80 Male end	SS 316	TS Tube fittings	1/4"
				LOB Male SAE	1/2"

CAUTION: During the installation of a Purge Valve, it is crucial to position the vent hole to direct system fluid away from operating personnel. The vent hole is designed to rotate with the cap, enabling a change in the discharge direction as the cap is turned. To prevent fluid leakage, exercise caution and open the purge valves slowly. Remember that these valves do not incorporate packing, resulting in fluid leakage upon opening. Consequently, operating personnel must implement appropriate measures to safeguard themselves against potential exposure to system fluids.

*For any other sizes and end connection types, please consult your local sales representative.

Warning!
The system designer and user have the sole responsibility for selecting products suitable for their special application requirements, ensuring their safe and trouble-free installation, operation and maintenance. Application details, material compatibility and product ratings should all be considered for each selected product. Improper selection, installation or use of products can cause property damage or personal injury.