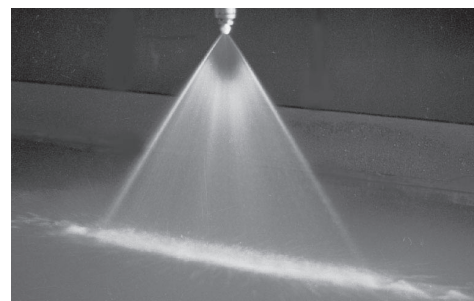
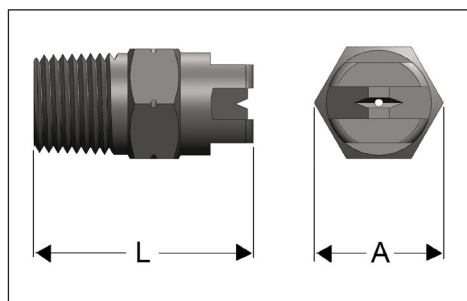
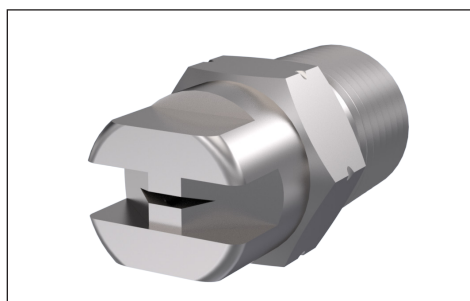




FV40 SPRAY NOZZLE SPECIFICATIONS

40° SPRAY ANGLE • FLAT SPRAY • THREADED



Spray angle not exactly as shown

SPRAY CHARACTERISTICS:

FV-Series low flowrate spray nozzles produce a flat, fan-shaped spray pattern, with spray angles available from 0° to 110°. Spray density tapers off toward the edge of the pattern, to permit overlapping of spray patterns while maintaining uniform spray density. Suitable for a variety of washing and spraying applications.

CONSTRUCTION:

The models listed are machined from bar stock and are one piece construction. Standard materials include Brass, 303 Stainless Steel, and 316 Stainless Steel.

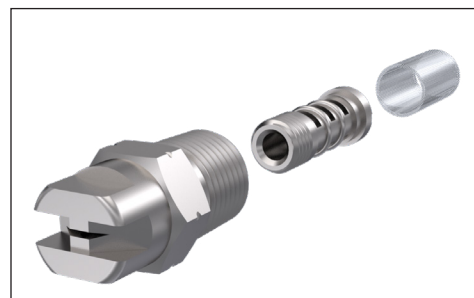
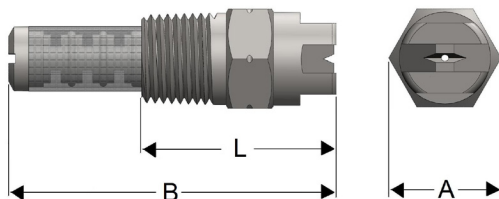
PIPE SIZE (NPT)	Length L (inches)	Dim. A (inches)	Internal Thread	Dim. B (with strainer assy) (inches)
1/8	13/16	7/16 HEX	1/4-28 UN F	1.34
1/4	15/16	9/16 HEX	3/8-24 UN F	1.68

TYPICAL APPLICATIONS:

- Wetting
- Metal Washing
- Foam control
- Vehicle Washing
- Food Processing
- Fertilizer spraying

ACCESSORY OPTION

Due to the extremely small orifice on this nozzle, it is typically sold with a strainer accessory, which helps to avoid clogs. Mesh sizes are available in 50, 100, and 200.



FVL nozzles feature an internal thread for attaching a mesh strainer (L50, L100, or L200)

Model Number	Equiv. Orif. Dia.	Capacities at Various Pressures											Spray Angle at (degrees)			
		5 psi	10 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
1/8FV4001	0.025	0.135	0.050	0.071	0.087	0.100	0.122	0.141	0.158	0.224	0.274	0.35	26	40	51	58
1/4FV4001	0.025	0.035	0.050	0.071	0.087	0.100	0.122	0.141	0.158	0.224	0.274	0.35	26	40	51	58
1/8FV40015	0.030	0.053	0.075	0.106	0.130	0.150	0.184	0.212	0.237	0.34	0.41	0.53	27	40	50	58
1/4FV40015	0.030	0.053	0.075	0.106	0.130	0.150	0.184	0.212	0.237	0.34	0.41	0.53	27	40	50	58
1/8FV4002	0.035	0.071	0.100	0.141	0.173	0.200	0.245	0.283	0.32	0.45	0.55	0.71	27	40	49	56
1/4FV4002	0.035	0.071	0.100	0.141	0.173	0.200	0.245	0.283	0.32	0.45	0.55	0.71	27	40	49	56
1/8FV4003	0.043	0.106	0.150	0.212	0.260	0.300	0.37	0.42	0.47	0.67	0.82	1.06	28	40	49	50
1/4FV4003	0.043	0.106	0.150	0.212	0.260	0.300	0.37	0.42	0.47	0.67	0.82	1.06	28	40	49	50
1/8FV4004	0.050	0.141	0.200	0.283	0.35	0.40	0.49	0.57	0.63	0.89	1.10	1.41	28	40	50	50

* TABLE CONTINUES ON FOLLOWING PAGE



FV 40 SPRAY NOZZLE SPECIFICATIONS
40 DEGREE SPRAY ANGLE • FLAT SPRAY • THREADED CONNECTION

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* TABLE CONTINUED FROM PREVIOUS PAGE

Model Number	Equiv. Orif. Dia.	Capacities at Various Pressures											Spray Angle at (degrees)			
		5 psi	10 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
1/4FV4004	0.050	0.141	0.200	0.283	0.35	0.40	0.49	0.57	0.63	0.89	1.10	1.41	28	40	50	50
1/8FV4005	0.056	0.177	0.250	0.35	0.43	0.50	0.61	0.71	0.79	1.12	1.37	1.77	26	40	46	53
1/4FV4005	0.056	0.177	0.250	0.35	0.43	0.50	0.61	0.71	0.79	1.12	1.37	1.77	26	40	46	53
1/8FV4006	0.061	0.212	0.300	0.42	0.52	0.60	0.73	0.85	0.95	1.34	1.64	2.12	37	40	44	52
1/4FV4006	0.061	0.212	0.300	0.42	0.52	0.60	0.73	0.85	0.95	1.34	1.64	2.12	37	40	44	52
1/8FV4008	0.071	0.283	0.40	0.57	0.69	0.80	0.98	1.13	1.26	1.79	2.19	2.83	35	40	43	53
1/4FV4008	0.071	0.283	0.40	0.57	0.69	0.80	0.98	1.13	1.26	1.79	2.19	2.83	35	40	43	53

