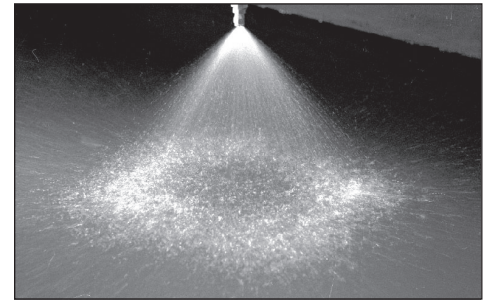
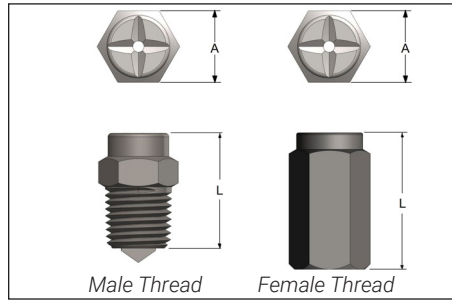
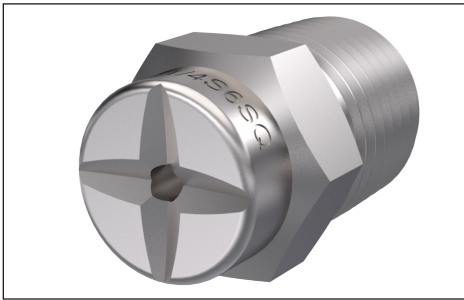




SQ SPRAY NOZZLE SPECIFICATIONS

FULL CONE • THREADED CONNECTION • ONE-PIECE



SPRAY CHARACTERISTICS:

Full cone spray pattern, with uniform distribution throughout the approximately square cone

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting

CONSTRUCTION:

One piece body + non-removable insert. Uniform distribution throughout the approximately square cone. Standard materials are brass, 303 and 316 stainless steel. Some models are also stocked in other materials.

Nozzle Size	Dim. 'A' (inches)	Dim. 'L' (inches)
1/8SQ	7/16 HEX	13/16
1/4SQ	9/16 HEX	15/16
3/8SQ	11/16 HEX	1 1/16
1/2SQ	7/8 HEX	1 9/32
3/4SQ	1 1/16 HEX	1 9/16
1FSQ	1 1/8 dia.	2 5/8
1-1/4FSQ	1 7/8 dia.	3 1/2
1-1/2FSQ	2 1/4 dia.	4 1/4
2FSQ	2 3/4 dia.	5 7/16
2-1/2FSQ	3 1/2 dia.	6 7/8

Model ID		Max. Free Passage	Capacities at Various Pressures													Spray Angle		
Female	Male		3 psi	5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	150 psi	7 psi	20 psi	80 psi	
	1/8S3.6SQ	0.057	0.197	0.255	0.301	0.36	0.44	0.51	0.62	0.72	0.88	1.02	1.14	1.39	42	55	50	
	1/8S4.8SQ	0.064	0.263	0.34	0.40	0.48	0.59	0.68	0.83	0.96	1.18	1.36	1.52	1.86	50	65	60	
	1/8S6SQ	0.081	0.33	0.42	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	30	65	60	
	1/4S6SQ	0.081	0.33	0.42	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	60	65	60	
	1/4S10SQ	0.091	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	61	67	60	
	1/4S12SQ	0.091	0.66	0.85	1.00	1.20	1.47	1.70	2.08	2.40	2.94	3.4	3.8	4.6	71	76	69	
	1/4S14SQ	0.091	0.77	0.99	1.17	1.40	1.71	1.98	2.42	2.80	3.4	4.0	4.4	5.4	78	85	75	
	3/8S18SQ	0.102	0.99	1.27	1.51	1.80	2.20	2.55	3.12	3.6	4.4	5.1	5.7	7.0	70	75	68	
	1/2S29SQ	0.144	1.59	2.05	2.43	2.90	3.6	4.1	5.0	5.8	7.1	8.2	9.2	11.2	70	75	68	
	1/2S36SQ	0.144	1.97	2.55	3.01	3.6	4.4	5.1	6.2	7.2	8.8	10.2	11.4	13.9	80	85	77	
	3/4S50SQ	0.195	2.74	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	70	75	68	
1FS10.6SQ		0.219	5.8	7.5	8.9	10.6	13.0	15.0	18.4	21.2	26.0	30.0	34	41	77	80	72	
1-1/4FS17.7SQ		0.260	9.7	12.5	14.8	17.7	21.7	25.0	30.7	35	43	50	56	69	77	80	72	
1-1/2FS23SQ		0.392	12.6	16.3	19.2	23.0	28.2	33	40	46	56	65	73	89	74	79	72	
2FS29SQ		0.438	15.9	20.5	24.3	29.0	36	41	50	58	71	82	92	112	65	70	65	
2FS36SQ		0.438	19.7	25.5	30.1	36	44	51	62	72	88	102	114	139	70	75	70	
2FS48SQ		0.438	26.3	34	40	48	59	68	83	96	118	136	152	186	78	80	76	
2-1/2FS59SQ		0.531	32	42	49	59	72	83	102	118	145	167	187	229	75	80	73	



SQ SPRAY NOZZLE SPECIFICATIONS

FULL CONE • THREADED CONNECTION • ONE-PIECE CONSTRUCTION