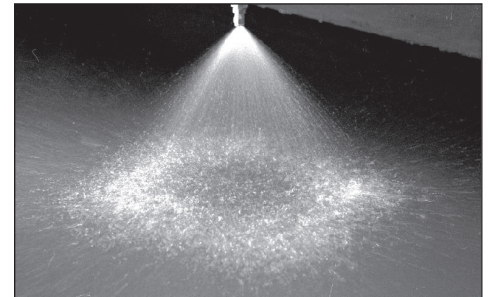
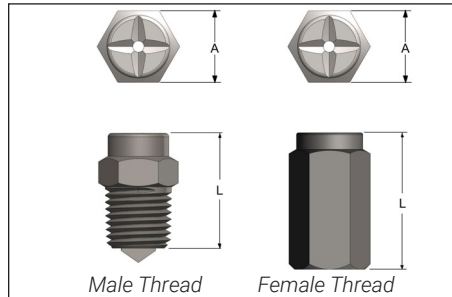
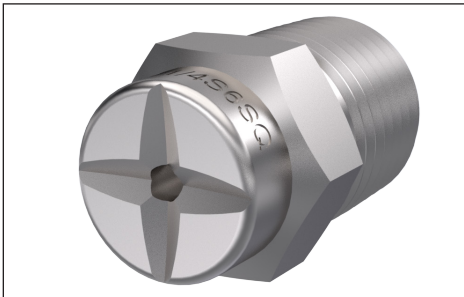




SQ SPRAY NOZZLE SPECIFICATIONS

FULL CONE • THREADED CONNECTION • ONE-PIECE



SPRAY CHARACTERISTICS:

Full cone wide angle spray pattern, with uniform distribution through the approximate square cone.

TYPICAL APPLICATIONS:

Same as full square (above) but for applications where a wider angle is required.

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		0.2 bar	0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	9 bar	0.5 bar	1.4 bar	5.5 bar
	1/8S3.6SQ	1.45	0.73	0.90	1.16	1.37	1.64	2.01	2.32	2.84	3.3	3.7	4.0	4.9	42	55	50
	1/8S4.8SQ	1.63	0.98	1.20	1.55	1.83	2.19	2.68	3.09	3.8	4.4	4.9	5.4	6.6	50	65	60
	1/8S6SQ	2.06	1.22	1.50	1.93	2.29	2.73	3.3	3.9	4.7	5.5	6.1	6.7	8.2	30	65	60
	1/4S6SQ	2.06	1.22	1.50	1.93	2.29	2.73	3.3	3.9	4.7	5.5	6.1	6.7	8.2	60	65	60
	1/4S10SQ	2.31	2.04	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	13.7	61	67	60
	1/4S12SQ	2.31	2.45	3.00	3.9	4.6	5.5	6.7	7.7	9.5	10.9	12.2	13.4	16.4	71	76	69
	1/4S14SQ	2.31	2.85	3.5	4.5	5.3	6.4	7.8	9.0	11.1	12.8	14.3	15.6	19.1	78	85	75
	3/8S18SQ	2.59	3.7	4.5	5.8	6.9	8.2	10.0	11.6	14.2	16.4	18.3	20.1	24.6	70	75	68
	1/2S29SQ	3.66	5.9	7.2	9.3	11.1	13.2	16.2	18.7	22.9	26.4	29.6	32	40	70	75	68
	1/2S36SQ	3.66	7.3	9.0	11.6	13.7	16.4	20.1	23.2	28.4	33	37	40	49	80	85	77
	3/4S50SQ	4.95	10.2	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	68	70	75	68
1FS10.6SQ		5.56	21.6	26.5	34	40	48	59	68	84	97	108	118	145	77	80	72
1-1/4FS17.7SQ		6.60	36	44	57	67	81	99	114	140	161	180	198	242	77	80	72
1-1/2FS23SQ		9.96	47	57	74	88	105	128	148	182	210	234	257	314	74	79	72
2FS29SQ		11.13	59	72	93	111	132	162	187	229	264	296	324	397	65	70	65
2FS36SQ		11.13	73	90	116	137	164	201	232	284	328	367	402	492	70	75	70
2FS48SQ		11.13	98	120	155	183	219	268	309	379	438	489	536	656	78	80	76
2-1/2FS59SQ		13.49	120	147	190	225	269	329	380	466	538	601	659	807	75	80	73

