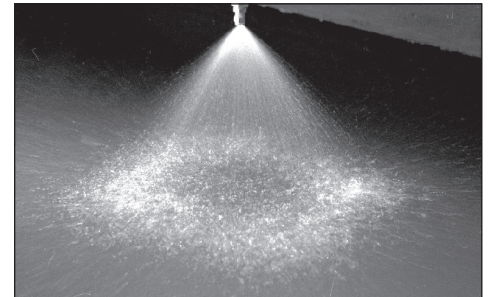
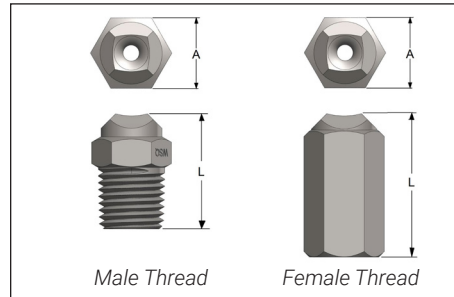
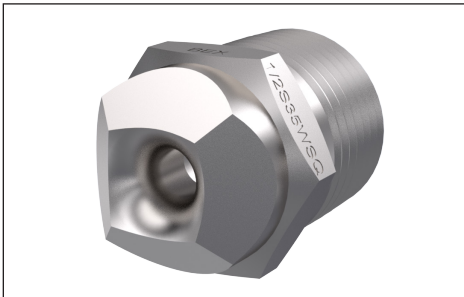




SWSQ SERIES SPRAY NOZZLE

FULL CONE • THREADED CONNECTION • ONE-PIECE



SPRAY CHARACTERISTICS:

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

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling sprays
- Foam Breaking
- Continuous Casting

U.S. Patent No. 4, 142, 682

Canadian Patent No. 1, 050, 589

CONSTRUCTION:

The models listed are machined from bar stock, and are one piece construction. Standard materials are brass, 303 and 316 stainless steel. Some models are also stocked in other materials.

Nozzle Size	Dim 'A'	Dim 'B'
1/4SWSQ	⁹ / ₁₆ HEX	¹⁵ / ₁₆
3/8SWSQ	¹¹ / ₁₆ HEX	1 ³ / ₁₆
1/2SWSQ	⁷ / ₈ HEX	1 ⁷ / ₁₆
3/4FSWSQ	1 ¹ / ₄ HEX	2 ³ / ₁₆
3/4SWSQ	1 ¹ / ₁₆ HEX	1 ¹¹ / ₁₆
1FSWSQ	1 ¹ / ₂ HEX	2 ⁵ / ₈
1SWSQ	1 ³ / ₈ HEX	2 ¹ / ₁₆
1 ¹ / ₄ FSWSQ	1 ⁷ / ₈ dia.	3 ³ / ₄
1 ¹ / ₂ FSWSQ	2 ¹ / ₄ dia.	4 ¹ / ₄
2FSWSQ	2 ³ / ₄ dia.	5 ⁷ / ₈
2 ¹ / ₂ FSWSQ	3 ⁵ / ₈ dia.	6 ¹ / ₂
3FSWSQ	4 dia.	7 ³ / ₄

All dimensions are in inches

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
	1/4S14WSQ	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	99	95	84
	3/8S17WSQ	0.102	0.93	1.20	1.42	1.70	2.08	2.40	2.94	3.4	4.2	4.8	5.4	6.6	98	94	82
	3/8S20WSQ	0.102	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	102	102	86
	3/8S24WSQ	0.102	1.31	1.70	2.01	2.40	2.94	3.4	4.2	4.8	5.9	6.8	7.6	9.3	104	102	86
	3/8S27WSQ	0.102	1.48	1.91	2.26	2.70	3.3	3.8	4.7	5.4	6.6	7.6	8.5	10.5	104	102	87
	1/2S30WSQ	0.144	1.64	2.12	2.51	3.00	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	100	96	85
	1/2S35WSQ	0.144	1.92	2.47	2.93	3.5	4.3	4.9	6.1	7.0	8.6	9.9	11.1	13.6	104	99	88
	1/2S40WSQ	0.162	2.19	2.83	3.3	4.0	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	106	104	90
	1/2S45WSQ	0.162	2.46	3.2	3.8	4.5	5.5	6.4	7.8	9.0	11.0	12.7	14.2	17.4	106	104	94
3/4FS50WSQ	3/4S50WSQ	0.196	2.74	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	108	102	97
3/4FS71WSQ	3/4S71WSQ	0.195	3.9	5.0	5.9	7.1	8.7	10.0	12.3	14.2	17.4	20.1	22.5	27.5	99	102	93
1FS130WSQ	1S130WSQ	0.219	7.1	9.2	10.9	13.0	15.9	18.4	22.5	26.0	32	37	41	50	102	107	99
1-1/4FS19WSQ		0.260	10.4	13.4	15.9	19.0	23.3	26.9	33	38	47	54	60	74	104	105	102
1-1/2FS29WSQ		0.329	15.9	20.5	24.3	29.0	36	41	50	58	71	82	92	112	107	107	102
2FS56WSQ		0.438	30.7	40	47	56	69	79	97	112	137	158	177	217	107	107	99
2-1/2FS830WSQ		0.531	45	59	69	83	102	117	144	166	203	235	262	321	104	105	102
3FS107WSQ		0.688	59	76	90	107	131	151	185	214	262	303	338	414	107	105	105



SWSQ SPRAY NOZZLE SPECIFICATIONS

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