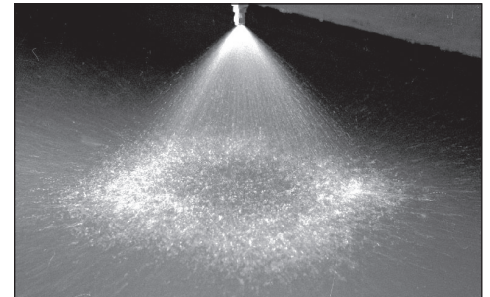
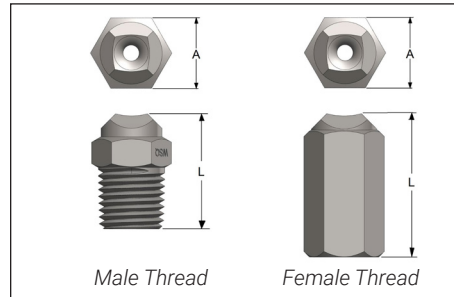
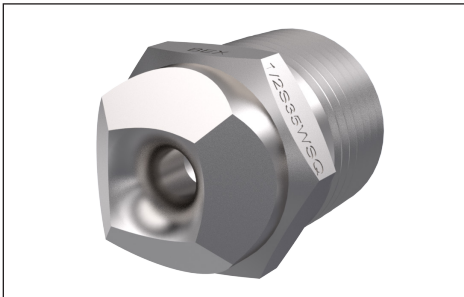




SWSQ SERIES SPRAY NOZZLE

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	13/16
1/2SWSQ	7/8 HEX	17/16
3/4FSWSQ	11/4 HEX	23/16
3/4SWSQ	11/16 HEX	111/16
1FSWSQ	11/2 HEX	25/8
1SWSQ	13/8 HEX	21/16
11/4FSWSQ	17/8 dia.	33/4
11/2FSWSQ	21/4 dia.	41/4
2FSWSQ	23/4 dia.	57/8
21/2FSWSQ	35/8 dia.	61/2
3FSWSQ	4 dia.	73/4

All dimensions are in inches

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
	1/4S14WSQ	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	99	95	84
	3/8S17WSQ	2.59	3.5	4.2	5.5	6.5	7.7	9.5	11.0	13.4	15.5	17.3	19.0	23.2	98	94	82
	3/8S20WSQ	2.59	4.1	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	22.3	27.3	102	102	86
	3/8S24WSQ	2.59	4.9	6.0	7.7	9.2	10.9	13.4	15.5	18.9	21.9	24.5	26.8	33	104	102	86
	3/8S27WSQ	2.59	5.5	6.7	8.7	10.3	12.3	15.1	17.4	21.3	24.6	27.5	30.1	37	104	102	87
	1/2S30WSQ	3.66	6.1	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	33	41	100	96	85
	1/2S35WSQ	3.66	7.1	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	39	48	104	99	88
	1/2S40WSQ	4.11	8.2	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	45	55	106	104	90
	1/2S45WSQ	4.11	9.2	11.2	14.5	17.2	20.5	25.1	29.0	36	41	46	50	62	106	104	94
3/4FS50WSQ	3/4S50WSQ	4.98	10.2	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	68	108	102	97
3/4FS71WSQ	3/4S71WSQ	4.95	14.5	17.7	22.9	27.1	32	40	46	56	65	72	79	97	99	102	93
1FS130WSQ	1S130WSQ	5.56	26.5	32	42	50	59	73	84	103	119	132	145	178	102	107	99
1-1/4FS19WSQ		6.60	39	47	61	72	87	106	122	150	173	194	212	260	104	105	102
1-1/2FS29WSQ		8.36	59	72	93	111	132	162	187	229	264	296	324	397	107	107	102
2FS56WSQ		11.13	114	140	180	214	255	313	361	442	510	571	625	766	107	107	99
2-1/2FS830WSQ		13.49	169	207	267	317	378	463	535	655	757	846	927	1,135	104	105	102
3FS107WSQ		17.48	218	267	345	408	488	597	690	845	975	1,090	1,195	1,463	107	105	105



SWSQ SPRAY NOZZLE SPECIFICATIONS

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