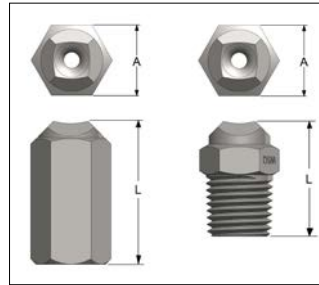




SWSQ SERIES NOZZLE SPECIFICATIONS

NOZZLE SIZE	Dim. A	Dim. L
1/4SWSQ	9/16 HEX	15/16
3/8SWSQ	11/16 HEX	13/16
1/2SWSQ	7/8 HEX	17/16
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 1/4FSWSQ	1 7/8 dia.	3 3/4
1 1/2FSWSQ	2 1/4 dia.	4 1/4
2FSWSQ	2 3/4 dia.	5 7/8
2 1/2FSWSQ	3 5/8 dia.	6 1/2
3FSWSQ	4 dia.	7 3/4



SPRAY CHARACTERISTICS:

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

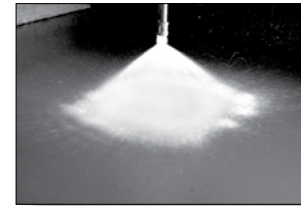
CONSTRUCTION:

Standard materials are brass, 303 and 316 stainless steel. Some models are

also stocked in other materials.

TYPICAL APPLICATIONS:

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



Model		Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)												SPRAY ANGLE @ (degrees)		
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	0.06	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	0.15	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
	1/2S20WSQ	0.102	0.31	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
	3/4S24WSQ	0.102	0.61	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
	1FS27WSQ	0.102	0.19	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 1/4S30WSQ	0.144	0.27	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 1/2S35WSQ	0.144	0.27	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
	2FS40WSQ	0.162	0.33	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
	2 1/2S45WSQ	0.162	0.36	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	0.41	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	0.47	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	0.52	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	0.55	13.4	15.9	19.0	23.3	26.9	33	38	47	54	60	74	104	105	102
1-1/2FS29WSQ		0.329	0.55	20.5	24.3	29.0	36	41	50	58	71	82	92	112	107	107	102
2FS56WSQ		0.438	0.77	40	47	56	69	79	97	112	137	158	177	217	107	107	99
2-1/2FS830WSQ		0.531	0.82	59	69	83	102	117	144	166	203	235	262	321	104	105	102
3FS107WSQ		0.688	0.99	76	90	107	131	151	185	214	262	303	338	414	107	105	105