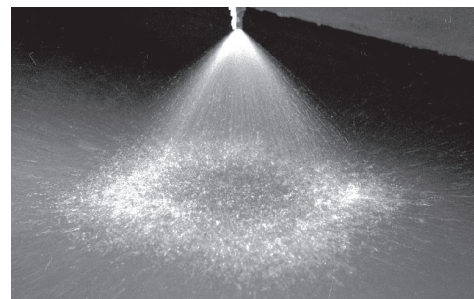
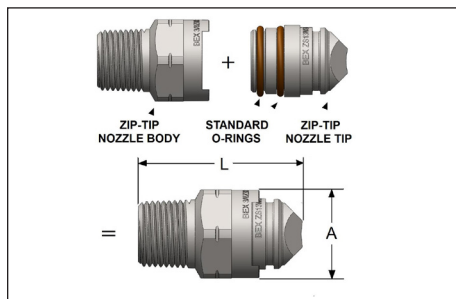




ZSWSQ SPRAY NOZZLE SPECIFICATIONS

FULL CONE • ZIP-TIP CONNECTION • ONE-PIECE CONSTRUCTION



SPRAY CHARACTERISTICS:

Wide full cone spray pattern, with uniform distribution throughout the approximately square cone.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting

CONSTRUCTION:

One peice 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 PIPE SIZE	Length 'L' (in)	Dim. 'A' (in)
1/8ZSWSQ	1.60	0.97
1/4ZSWSQ	1.70	0.97
3/8ZSWSQ	1.73	0.97
1/2ZSWSQ	1.80	0.97
1/2ZLSWSQ	2.11	1.25
3/4ZLSWSQ	2.19	1.25

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	

