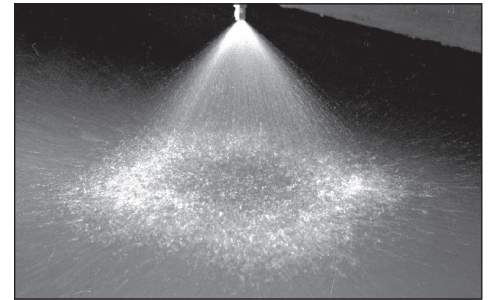
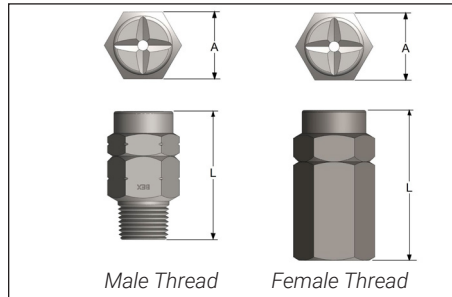
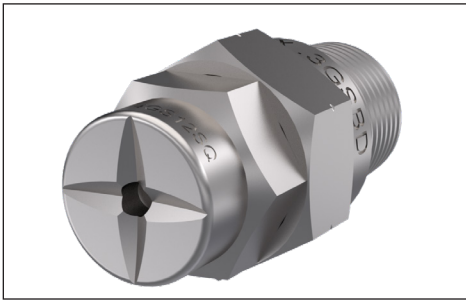




GSQ SERIES SPRAY NOZZLES

FULL CONE • THREADED CONNECTION • TWO-PIECE



SPRAY CHARACTERISTICS:

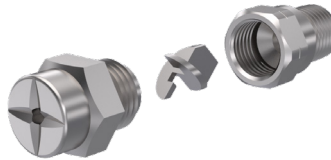
An approximately square spray pattern, with uniform distribution throughout the cone.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting

CONSTRUCTION:

Two piece body + removable insert. The nozzle contains a patented insert with larger flow passages, and is less susceptible to clogging.



Nozzle Size	Dim. 'A' (inches)	Dim. 'L' (inches)
1/8GSQ	5/8 HEX	1 5/16
1/4GSQ	11/16 HEX	1 9/16
3/8GSQ	13/16 HEX	1 11/16
1/2GSQ	1 HEX	2
1/8FGSQ	5/8 HEX	1 9/32
1/4FGSQ	11/16 HEX	1 21/32
3/8FGSQ	13/16 HEX	1 15/16
1/2FGSQ	1 HEX	2 3/32

Model		Maximum 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	
1/8FGS3.6SQ	1/8GS3.6SQ	0.057	0.197	0.255	0.301	0.36	0.44	0.51	0.62	0.72	0.88	1.02	1.14	1.39	42	55	50	
1/8FGS4.8SQ	1/8GS4.8SQ	0.064	0.263	0.34	0.40	0.48	0.59	0.68	0.83	0.96	1.18	1.36	1.52	1.86	50	65	60	
1/8FGS6SQ	1/8GS6SQ	0.081	0.33	0.42	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	30	65	60	
1/4FGS6SQ	1/4GS6SQ	0.081	0.33	0.42	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	60	65	60	
1/4FGS10SQ	1/4GS10SQ	0.091	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	61	67	60	
1/4FGS12SQ	1/4GS12SQ	0.091	0.66	0.85	1.00	1.20	1.47	1.70	2.08	2.40	2.94	3.4	3.8	4.6	71	76	69	
1/4FGS14SQ	1/4GS14SQ	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	78	85	75	
3/8FGS18SQ	3/8GS18SQ	0.102	0.99	1.27	1.51	1.80	2.20	2.55	3.12	3.6	4.4	5.1	5.7	7.0	70	75	68	
1/2FGS29SQ	1/2GS29SQ	0.144	1.59	2.05	2.43	2.90	3.6	4.1	5.0	5.8	7.1	8.2	9.2	11.2	70	75	68	
1/2FGS36SQ	1/2GS36SQ	0.144	1.97	2.55	3.01	3.6	4.4	5.1	6.2	7.2	8.8	10.2	11.4	13.9	80	85	77	
3/4FGS50SQ	3/4GS50SQ	0.195	2.74	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	70	75	68	

