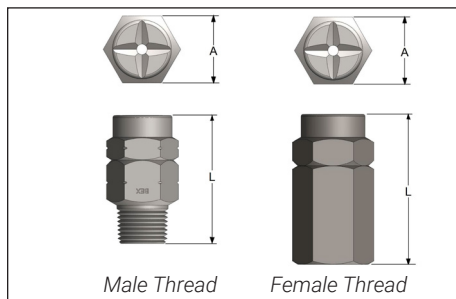
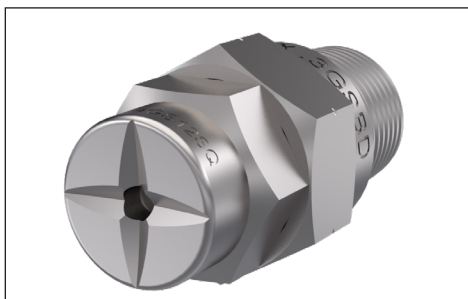




GSQ SERIES SPRAY NOZZLES

FULL CONE • THREADED CONNECTION • TWO-PIECE



SPRAY CHARACTERISTICS:

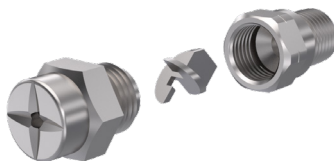
An approximately square spray pattern, with uniform distribution throughout the cone.

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 bar	.5 bar	.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	8 bar	10 bar	0.5 bar	1.5 bar	5 bar	
1/8FGS3.6SQ	1/8GS3.6SQ	1.45	0.90	1.16	1.37	1.64	2.01	2.32	2.84	3.3	3.7	4.0	4.6	5.2	42	55	50	
1/8FGS4.8SQ	1/8GS4.8SQ	1.63	1.20	1.55	1.83	2.19	2.68	3.09	3.8	4.4	4.9	5.4	6.2	6.9	50	65	60	
1/8FGS6SQ	1/8GS6SQ	2.06	1.50	1.93	2.29	2.73	3.3	3.9	4.7	5.5	6.1	6.7	7.7	8.6	30	65	60	
1/4FGS6SQ	1/4GS6SQ	2.06	1.50	1.93	2.29	2.73	3.3	3.9	4.7	5.5	6.1	6.7	7.7	8.6	60	65	60	
1/4FGS10SQ	1/4GS10SQ	2.31	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	14.4	61	67	60	
1/4FGS12SQ	1/4GS12SQ	2.31	3.00	3.9	4.6	5.5	6.7	7.7	9.5	10.9	12.2	13.4	15.5	17.3	71	76	69	
1/4FGS14SQ	1/4GS14SQ	2.31	3.5	4.5	5.3	6.4	7.8	9.0	11.1	12.8	14.3	15.6	18.0	20.2	78	85	75	
3/8FGS18SQ	3/8GS18SQ	2.59	4.5	5.8	6.9	8.2	10.0	11.6	14.2	16.4	18.3	20.1	23.2	25.9	70	75	68	
1/2FGS29SQ	1/2GS29SQ	3.66	7.2	9.3	11.1	13.2	16.2	18.7	22.9	26.4	29.6	32	37	42	70	75	68	
1/2FGS36SQ	1/2GS36SQ	3.66	9.0	11.6	13.7	16.4	20.1	23.2	28.4	33	37	40	46	52	80	85	77	
3/4FGS50SQ	3/4GS50SQ	4.95	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	72	70	75	68	

