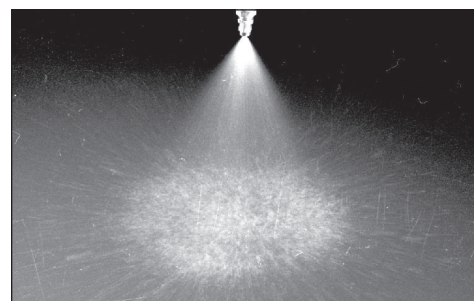
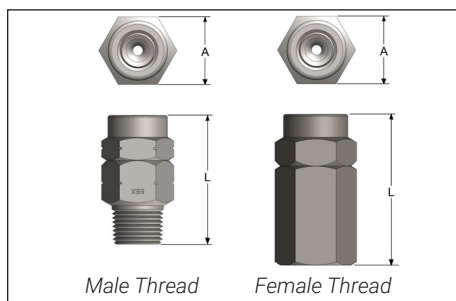




GSW SERIES SPRAY NOZZLES

FULL CONE • THREADED CONNECTION • TWO-PIECE



SPRAY CHARACTERISTICS:

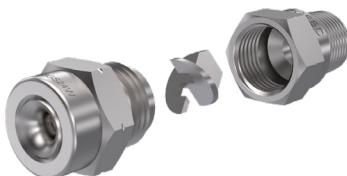
A wide angle full cone spray pattern, with uniform distribution throughout the cone.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting
- Foam Breaking

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)
1/8GSW	5/8 HEX	1 5/16
1/4GSW	11/16 HEX	1 9/16
3/8GSW	13/16 HEX	1 11/16
1/2GSW	1 HEX	2
1/8FGSW	5/8 HEX	1 9/32
1/4FGSW	11/16 HEX	1 21/32
3/8FGSW	13/16 HEX	1 15/16
1/2FGSW	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
1/8FGS2.8W	1/8GS2.8W	0.051	0.153	0.75	0.234	0.280	0.34	0.40	0.48	0.56	0.69	0.79	0.89	1.08	110	105	96
1/8FGS4.3W	1/8GS4.3W	0.051	0.236	0.304	0.36	0.43	0.53	0.61	0.74	0.86	1.05	1.22	1.36	1.67	117	108	100
1/8FGS5.6W	1/8GS5.6W	0.064	0.307	0.40	0.47	0.56	0.69	0.79	0.97	1.12	1.37	1.58	1.77	2.17	117	110	100
1/4FG5.6W	1/4GS5.6W	0.064	0.307	0.40	0.47	0.56	0.69	0.79	0.97	1.12	1.37	1.58	1.77	2.17	118	110	103
1/8FGS8W	1/8GS8W	0.081	0.44	0.57	0.67	0.80	0.98	1.13	1.39	1.60	1.96	2.26	2.53	3.10	120	108	102
1/4FGS10W	1/4GS10W	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	118	108	102
1/4FGS12W	1/4GS12W	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	120	112	102
1/4FGS14W	1/4GS14W	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	118	114	104
3/8FGS17W	3/8GS17W	0.102	0.93	1.20	1.42	1.70	2.08	2.40	2.94	3.4	4.2	4.8	5.4	6.6	118	117	102
3/8FGS20W	3/8GS20W	0.102	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	120	120	106
3/8FGS24W	3/8GS24W	0.102	1.31	1.70	2.01	2.40	2.94	3.4	4.2	4.8	5.9	6.8	7.6	9.3	122	118	106
3/8FGS27W	3/8GS27W	0.102	1.48	1.91	2.26	2.70	3.3	3.8	4.7	5.4	6.6	7.6	8.5	10.5	122	120	107
1/2FGS30W	1/2GS30W	0.144	1.64	2.12	2.51	3.00	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	120	118	110
1/2FGS35W	1/2GS35W	0.144	1.92	2.47	2.93	3.5	4.3	4.9	6.1	7.0	8.6	9.9	11.1	13.6	122	118	108
1/2FGS40W	1/2GS40W	0.162	2.19	2.83	3.3	4.0	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	122	119	104
1/2FGS45W	1/2GS45W	0.162	2.46	3.2	3.8	4.5	5.5	6.4	7.8	9.0	11.0	12.7	14.2	17.4	141	118	108

