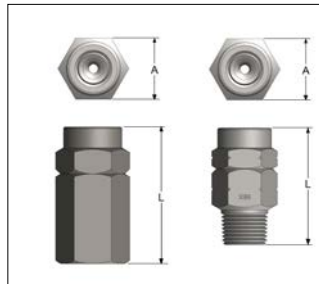




GSW SERIES NOZZLE SPECIFICATIONS

NOZZLE SIZE	Dim. A	Dim. L
$\frac{1}{8}$ GSW	$\frac{5}{8}$ HEX	$1\frac{5}{16}$
$\frac{1}{4}$ GSW	$1\frac{11}{16}$ HEX	$1\frac{9}{16}$
$\frac{3}{8}$ GSW	$1\frac{13}{16}$ HEX	$1\frac{11}{16}$
$\frac{1}{2}$ GSW	1 HEX	2
$\frac{1}{8}$ FGSW	$\frac{5}{8}$ HEX	$1\frac{9}{32}$
$\frac{1}{4}$ FGSW	$1\frac{11}{16}$ HEX	$1\frac{21}{32}$
$\frac{3}{8}$ FGSW	$1\frac{13}{16}$ HEX	$1\frac{15}{16}$
$\frac{1}{2}$ FGSW	1 HEX	$2\frac{3}{32}$



SPRAY CHARACTERISTICS:

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

CONSTRUCTION:

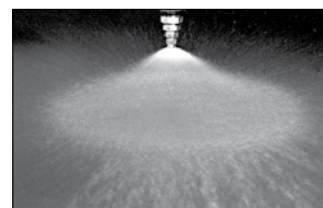
This nozzle contains a patented insert with larger flow passages than older styles, and is less susceptible to clogging. Standard materials are brass, 303 stainless steel and 316 stainless steel.

TYPICAL APPLICATIONS:

Anywhere a wide angle full cone spray is required:

- Chemical Processing
- Cooling Sprays
- Continuous Casting

U.S. Patent No. 4,142,682
Canadian Patent No. 1,050,589



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
$\frac{1}{8}$ FGS2.8W	$\frac{1}{8}$ GS2.8W	0.051	--	--	0.23	0.28	0.34	0.40	0.48	0.56	0.69	0.79	0.89	1.08	110	105	96
$\frac{1}{8}$ FGS4.3W	$\frac{1}{8}$ GS4.3W	0.051	--	--	0.36	0.43	0.53	0.61	0.74	0.86	1.05	1.22	1.36	1.67	117	108	100
$\frac{1}{8}$ FGS5.6W	$\frac{1}{8}$ GS5.6W	0.064	--	--	0.47	0.56	0.69	0.79	0.97	1.12	1.37	1.58	1.77	2.17	117	110	100
$\frac{1}{4}$ FGS5.6W	$\frac{1}{4}$ GS5.6W	0.064	--	0.40	0.47	0.56	0.69	0.79	0.97	1.12	1.37	1.58	1.77	2.17	120	108	102
$\frac{1}{8}$ FGS8W	$\frac{1}{8}$ GS8W	0.081	0.19	0.57	0.67	0.80	0.98	1.13	1.39	1.60	1.96	2.26	2.53	3.10	118	110	103
$\frac{1}{4}$ FGS10W	$\frac{1}{4}$ GS10W	0.091	0.27	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
$\frac{1}{4}$ FGS12W	$\frac{1}{4}$ GS12W	0.091	0.27	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
$\frac{1}{4}$ FGS14W	$\frac{1}{4}$ GS14W	0.091	0.33	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
$\frac{3}{8}$ FGS17W	$\frac{3}{8}$ GS17W	0.102	0.36	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
$\frac{3}{8}$ FGS20W	$\frac{3}{8}$ GS20W	0.102	0.41	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
$\frac{3}{8}$ FGS24W	$\frac{3}{8}$ GS24W	0.102	0.47	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
$\frac{3}{8}$ FGS27W	$\frac{3}{8}$ GS27W	0.102	0.52	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
$\frac{1}{2}$ FGS30W	$\frac{1}{2}$ GS30W	0.144	0.55	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
$\frac{1}{2}$ FGS35W	$\frac{1}{2}$ GS35W	0.144	0.55	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
$\frac{1}{2}$ FGS40W	$\frac{1}{2}$ GS40W	0.162	0.77	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
$\frac{1}{2}$ FGS45W	$\frac{1}{2}$ GS45W	0.162	0.82	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