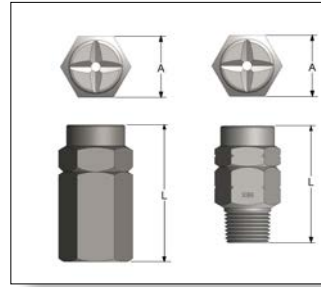




GSQ SERIES NOZZLE SPECIFICATIONS

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



SPRAY CHARACTERISTICS:

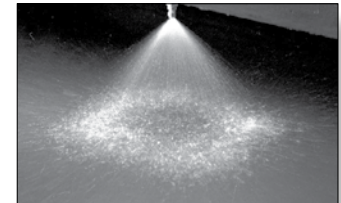
Full cone spray pattern, with uniform distribution throughout the approximately square cone.

CONSTRUCTION:

Standard materials are brass, 303 and 316 stainless. Larger sizes in cast 316 or 303 stainless bar.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Continuous Casting



Model		Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)												SPRAY ANGLE @ (degrees)		
			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
$\frac{1}{8}$ FGS3.6SQ	$\frac{1}{8}$ GS3.6SQ	0.057	--	--	0.30	0.36	0.44	0.51	0.62	0.72	0.88	1.02	1.14	1.39	42	55	50
$\frac{1}{8}$ FGS4.8SQ	$\frac{1}{8}$ GS4.8SQ	0.064	--	--	0.40	0.48	0.59	0.68	0.83	0.96	1.18	1.36	1.52	1.86	50	65	60
$\frac{1}{8}$ FGS6SQ	$\frac{1}{8}$ GS6SQ	0.081	--	--	0.50	0.60	0.73	0.85	1.04	1.20	1.47	1.70	1.90	2.32	30	65	60
$\frac{1}{4}$ FGS6SQ	$\frac{1}{4}$ GS6SQ	0.081	--	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
$\frac{1}{4}$ FGS10SQ	$\frac{1}{4}$ GS10SQ	0.091	0.19	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
$\frac{1}{4}$ FGS12SQ	$\frac{1}{4}$ GS12SQ	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	71	76	69
$\frac{1}{4}$ FGS14SQ	$\frac{1}{4}$ GS14SQ	0.091	0.27	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
$\frac{3}{8}$ FGS18SQ	$\frac{3}{8}$ GS18SQ	0.102	0.33	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
$\frac{1}{2}$ FGS29SQ	$\frac{1}{2}$ GS29SQ	0.144	0.36	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
$\frac{1}{2}$ FGS36SQ	$\frac{1}{2}$ GS36SQ	0.144	0.41	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
$\frac{3}{4}$ FGS50SQ	$\frac{3}{4}$ GS50SQ	0.195	0.47	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