

HOLLOW CONE SPRAY NOZZLES

■ PERFORMANCE DATA: SPIRAL SPRAY NOZZLES

Inlet Conn. (in.)	Nozzle Type	Spray Angle at 10 psi					Capacity Size	Orifice Dia.Nom. (in.)	Max. Free Passage Dia.(in.)	Flow Rate Capacity (gallons per minute)					
		NPSJ	50°	60°	90°	120°				180°	5psi	10psi	20psi	40psi	100psi
1/4	•	•	•	•	•	•	07	.094	.094	.49	.70	.99	1.4	2.2	4.4
	•	•	•	•	•	•	13	.125	.125	.92	1.3	1.8	2.6	4.1	8.2
	•	•	•	•	•	•	20	.156	.125	1.4	2.0	2.8	4.0	6.3	12.6
3/8	•	•	•	•	•	•	30	.188	.125	2.1	3.0	4.2	6.0	9.5	19.0
	•	•	•	•	•	•	40	.219	.125	2.8	4.0	5.7	8.0	12.6	25
	•	•	•	•	•	•	53	.250	.125	3.7	5.3	7.5	10.6	16.8	34
	•	•	•	•	•	•	82	.313	.125	5.8	8.2	11.6	16.4	26	52
1/2	•	•	•	•	•	•	120	.375	.188	8.5	12.0	17.0	24	38	76
	•	•	•	•	•	•	164	.438	.188	11.6	16.4	23	33	52	104
3/4	•	•	•	•	•	•	210	.500	.188	14.8	21	30	42	66	133
1	•	•	•	•	•	•	340	.625	.250	24	34	48	68	108	215
	•	•	•	•	•	•	470	.750	.250	33	47	66	94	149	297
1-1/2	•	•	•	•	•	•	640	.875	.313	45	64	91	128	202	405
	•	•	•	•	•	•	820	1.000	.313	58	82	116	164	259	519
	•	•	•	•	•	•	960	1.125	.313	68	96	136	192	304	607
2	•	•	•	•	•	•	1400	1.375	.438	99	140	198	280	443	885
	•	•	•	•	•	•	1780	1.500	.438	126	178	252	356	563	1126

Maximum Free Passage Diameter is the maximum diameter as listed of foreign matter that can pass through the nozzle without clogging.

■ DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	NPSJ (M)	1/4	1.875	9/16	1
		3/8	1.875	11/16	1.8
		1/2	2.500	7/8	3
		3/4	2.750	1-1/16	5
		1	3.625	1-3/8	11
		1-1/2	4.375	2	27
		2	6.875	2-1/2	48

■ ORDERING INFO

Unit Formula Complete Nozzle					
NPSJ	-	60	07	1/4	316
Nozzle		Spray	Capacity	Inlet	Material
Type		Angle		Connection	

Available materials: Brass (blank), 316 Stainless Steel (316), Polypropylene (PP), Teflon/PTFE (TEF), or Polyvinyl chloride (PVC)