

FLAT SPRAY NOZZLE

Spray Characteristics

Produces a uniform, flat spray pattern without hard edges at pressure of 0.5 Bar and up. Impact of spray is generally greater with narrower spray angles assuming equal flow rates.

Available Spray Angles: 0°, 15°, 25°, 40°, 65°, 80°, 90°, 110°



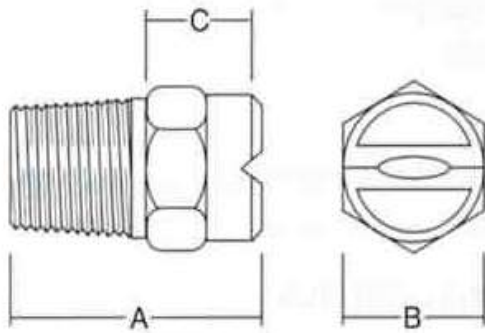
Construction

- One piece nozzle with no internal vanes and hex body for easy installation.
- Male thread.

Material

303 Stainless Steel, 316 Stainless Steel, Brass and PVDF, PVC other materials available upon request.

Maximum Dimension Details



PIPE SIZE	DIMENSION (MM)		
	A	B	C
1/8"	19.5	11.0	10.0
1/4"	25.4	15.0	12.7
3/8"	28.5	18.0	14.3
1/2"	35.0	24.0	17.5
3/4"	38.0	27.0	19.0
1"	51.0	36.0	25.5

NOZZLE FLOW RATES (litre/min) for water

Nozzle Ref	Thread Connection						Pressure				
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1.0 bar	2.0 bar	3.0 bar	5.0 bar	10 bar
SPFS-1	X	X					0.23	0.33	0.40	0.52	0.73
SPFS-2	X	X					0.46	0.64	0.80	0.99	1.43
SPFS-4	X	X					0.92	1.30	1.61	2.05	2.88
SPFS-5	X	X					1.14	1.62	2.00	2.55	3.62
SPFS-6	X	X					1.38	1.95	2.40	3.07	4.42
SPFS-7	X	X					1.60	2.26	2.80	3.58	5.25
SPFS-8	X	X					1.84	2.60	3.20	4.05	5.80
SPFS-10	X	X					2.30	3.25	4.00	5.17	7.22
SPFS-15	X	X					3.46	4.90	6.00	7.75	10.95
SPFS-20	X	X					4.50	6.40	8.00	10.00	14.65
SPFS-30		X					6.82	9.80	12.00	15.30	21.60
SPFS-40		X	X				9.35	12.10	16.00	20.80	28.60
SPFS-50		X	X				11.60	16.05	20.00	25.50	36.20
SPFS-60		X	X				13.80	19.28	24.00	30.75	43.82
SPFS-70		X	X				16.17	22.86	28.00	36.15	51.12
SPFS-80			X	X			18.58	25.5	32.00	41.15	58.42
SPFS-100			X	X	X		22.89	32.06	40.00	51.30	72.63
SPFS-150				X	X		34.50	48.69	60.00	76.99	108.44
SPFS-200				X	X		45.5	64.3	80.00	102.00	144.00
SPFS-250					X		57.75	81.60	100.00	128.50	181.00
SPFS-300					X	X	68.3	96.9	120.00	153.00	216.00
SPFS-400					X	X	91.65	130.64	160.00	205.50	290.35
SPFS-500						X	115.50	163.0	200.00	258.25	365.15
SPFS-600						X	138.00	196.00	240.00	310.00	438.25

Ordering Example: 1/4" SPFS20-65° - 316 Stainless Steel