

METAL FLAT FAN NOZZLE



APPLICATION

Industrial Washing Machines
 Product Washing
 Wheel Washing
 Degreasing
 Circuit Board Processing
 Spray Coating

FEATURES

Flat spray pattern distributes the liquid as a flat or sheet-type spray
 Uniform distribution over a wide range of flow rates
 Unobstructed flow passage minimises clogging
 One piece male threaded design
 Hexagon body for quick and easy installation

DESCRIPTION

The metal flat fan nozzle produces a flat fan spray pattern with an even and uniform distribution across the spray width. The flat fan nozzle is a one piece construction with a male threaded connection and hex body for easy installation.

MATERIALS AVAILABLE

Brass
 Stainless Steel
 Other materials available on request

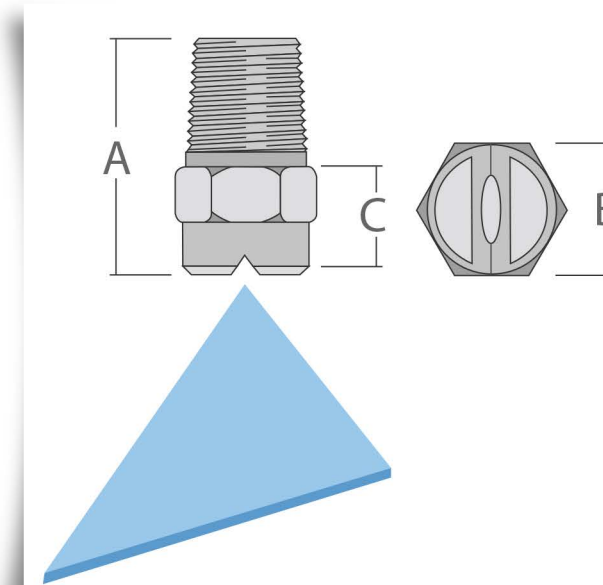
AVAILABLE SPRAY ANGLES

0°, 15°, 25°, 40°, 65°, 80°, 110°

ORDERING EXAMPLE

Metal Flat Fan Nozzle – Stainless Steel 1/4" 20-65°

Nozzle Reference	Thread Connection BSP						Flow (L/min) @ Pressur (bar)										Available Spray Angle
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	0.5	1.0	2.0	3.0	4.0	5.0	7.0	10	20	30	
01	✓	✓					0.16	0.23	0.33	0.40	0.46	0.52	0.61	0.73	1.03	1.26	*
015	✓	✓					0.24	0.35	0.49	0.60	0.69	0.77	0.92	1.10	1.55	1.90	*
02	✓	✓					0.33	0.46	0.65	0.80	0.92	1.03	1.22	1.46	2.07	2.53	*
03	✓	✓					0.49	0.69	0.98	1.20	1.39	1.55	1.83	2.19	3.10	3.79	*
04	✓	✓					0.65	0.92	1.31	1.60	1.85	2.07	2.44	2.92	4.13	5.06	*
045	✓	✓					0.73	1.04	1.47	1.80	2.08	2.32	2.75	3.29	4.65	5.69	*
05	✓	✓					0.82	1.15	1.63	2.00	2.31	2.58	3.06	3.65	5.16	6.32	*
055	✓	✓					0.90	1.27	1.80	2.20	2.54	2.84	3.36	4.02	5.68	6.98	*
06	✓	✓					0.98	1.39	1.96	2.40	2.77	3.10	3.67	4.38	6.20	7.59	*
065	✓	✓					1.06	1.50	2.12	2.60	3.00	3.36	3.97	4.75	6.71	8.22	*
07	✓	✓					1.14	1.62	2.29	2.80	3.23	3.61	4.28	5.11	7.23	8.85	*
08	✓	✓					1.31	1.85	2.61	3.20	3.70	4.13	4.89	5.84	8.26	10.12	*
09	✓	✓					1.47	2.08	2.94	3.60	4.16	4.65	5.50	6.57	9.30	11.38	*
10	✓	✓					1.63	2.31	3.27	4.00	4.62	5.16	6.11	7.30	10.33	12.65	*
15	✓	✓					2.45	3.46	4.90	6.00	6.93	7.75	9.17	10.95	15.49	18.97	*
20	✓	✓					3.27	4.62	6.53	8.00	9.24	10.33	12.22	14.61	20.66	25.30	*
30		✓					4.90	6.93	9.80	12.00	13.86	15.49	18.33	21.91	30.98	37.95	*
40		✓	✓				6.53	9.24	13.06	16.00	18.48	20.66	24.44	29.21	41.31	50.60	*
50		✓	✓				8.16	11.55	16.33	20.00	23.09	25.82	30.55	36.51	51.64	63.25	*
60		✓	✓				9.80	13.86	19.60	24.00	27.71	30.98	36.66	43.82	61.97	75.89	*
70		✓	✓				11.43	16.17	22.86	28.00	32.33	36.15	42.77	51.12	72.30	88.54	*
80			✓	✓			13.06	18.48	26.13	32.00	36.95	41.31	48.88	58.42	82.62	101.19	*
100			✓	✓	✓		16.33	23.09	32.66	40.00	46.19	51.64	61.10	73.03	103.28	126.49	*
150				✓	✓		24.49	34.64	48.99	60.00	69.28	77.46	91.65	109.54	154.92	189.74	*
200				✓	✓		32.66	46.19	65.32	80.00	92.38	103.28	122.20	146.06	206.56	252.98	*
250					✓		40.82	57.74	81.65	100.00	115.47	129.10	152.75	182.57	258.20	316.23	*
300					✓	✓	48.99	69.28	97.98	120.00	138.56	154.92	183.30	219.09	309.84	379.47	*
400					✓	✓	65.32	92.38	130.64	160.00	184.75	206.56	244.40	292.12	413.12	505.96	*
500						✓	81.65	115.47	163.30	200.00	230.94	258.20	305.51	365.15	516.40	632.46	*
600						✓	97.98	138.56	195.96	240.00	277.13	309.84	366.61	438.18	619.68	758.95	*



DIMENSIONS

Thread connection	A (mm)	B (mm)	C (mm)
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