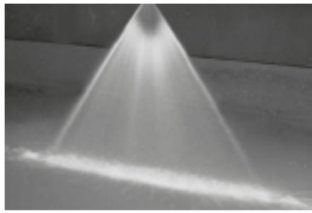


Threaded Nozzles – Flat Spray Series F



Thread	Length L (mm)	Dim. A (mm)
1/8F	20.6	11 HEX
1/4F	23.8	14 HEX
3/8F	30.2	17 HEX
1/2F	33.3	22 HEX
3/4F	42.8	27 HEX
1F	63.5	35 HEX
11/4F	92	44.5 HEX
11/2F	114.3	50.8 Dia.
2F	127	60.3 Dia.

SPRAY CHARACTERISTICS:

F-Series spray nozzles produce a flat, fan-shaped spray pattern, with spray angles available from 5° to 110° measured at 3 bar. Spray angles generally increase with pressure. Spray density tapers off toward the outside of these sprays, to permit overlapping of spray patterns while maintaining uniform spray density.

CONSTRUCTION:

The models listed are machined from bar stock and are one piece construction. Standard materials are brass, mild steel, 303 stainless steel and 316 stainless steel. Some models are also stocked in Carpenter 20®, PVC, CPVC and polypropylene. All models are available in either NPT or BSPT threads. For molded plastic models, please see page 14.

TYPICAL APPLICATIONS:

- Metal Washing
- Foam Control
- Wetting
- Vehicle Washing
- Fertilizer Spraying



F-Series flat “V” spray nozzles are also offered in the FT-Series 3-piece setup.

Available Spray Angles	Equiv. Orifice Diameter (mm)	BEX Size	Thread BSPT	CAPACITY (L/min) AT VARIOUS PRESSURES (bar)												
				0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	8 bar	10 bar	20 bar
110°	1.91	10	1/8" – 1/4"	1.25	1.61	1.91	2.27	2.80	3.24	3.95	4.57	5.08	5.57	6.44	7.22	10.0
	2.08	12	1/8" – 1/4"	1.50	1.93	2.29	2.72	3.36	3.87	4.74	5.46	6.12	6.71	7.75	8.56	12.2
	2.31	15	1/8" – 1/4"	1.87	2.42	2.86	3.42	4.18	4.84	5.92	6.85	7.66	8.29	9.79	10.7	15.2
	2.67	20	1/8" – 1/4"	2.50	3.20	3.81	4.54	5.57	6.44	7.90	8.97	9.99	11.1	13.1	14.5	20.4
	3.28	30	1/8" - 1/4" – 3/8"	3.70	4.80	5.72	6.85	8.29	9.68	11.8	13.6	15.4	16.6	19.1	21.5	30.5
	3.78	40	1/4" – 3/8"	5.00	6.40	7.63	8.93	11.1	13.0	15.8	18.5	20.4	22.5	25.6	28.6	40.9
	4.24	50	1/4" – 3/8"	6.20	8.10	9.54	11.5	13.8	16.0	19.7	22.3	25.4	28.1	32.2	36.1	50.9
	4.62	60	1/4" – 3/8" – 1/2"	7.50	9.70	11.4	13.8	16.6	19.3	23.7	27.2	30.4	33.5	38.7	43.1	61.0
	5.00	70	1/4" – 3/8" – 1/2"	8.70	11.3	13.4	16.0	19.3	22.7	27.6	31.8	35.8	39.1	45.2	50.6	71.4
	5.99	100	3/8" – 1/2"	12.5	16.1	19.1	22.7	28.0	32.4	39.5	44.5	49.9	55.3	65.2	70.7	100
0°-Full Stream	7.34	150	3/8" – 1/2"	18.7	24.2	28.6	34.2	41.8	48.4	59.2	69.3	74.9	82.9	97.9	108	152
	8.46	200	1/2" – 3/4"	25.0	32.0	38.1	45.4	55.7	64.4	78.9	89.7	99.9	110	130	145	204
	10.36	300	3/4"	37.0	48.0	57.2	68.5	82.9	96.8	118	138	154	165	191	215	305
	11.96	400	3/4"	50.0	64.0	76.3	89.3	110	130	157	183	203	225	256	286	409
	13.39	500	1"	62.0	81.0	95.0	114	140	161	197	228	255	301	360	510	624
	16.38	750	1" – 1 1/4"	94.0	121	143	171	209	242	296	342	382	452	540	764	936
	18.92	1000	1" – 1 1/4"	125	161	191	228	279	322	395	456	510	603	721	1019	1248

How to Order :

B1/8"

Thread

B – BSPT thread

N – NPT thread

F

**Series/
Nozzle-Type**

65

Spray Angle

0° - 110°

15

Size (capacity)

10-1000

-3

Material

B – brass

3 – stainless steel 303

6 – stainless steel 316

BEX Flat Spray Nozzles Series „F“ Item : B1/8" F6515-3