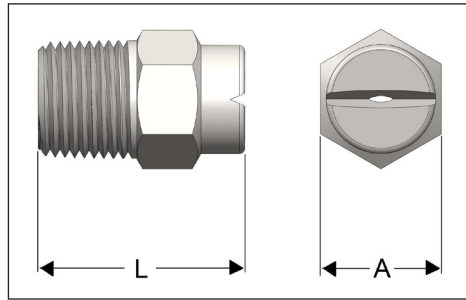
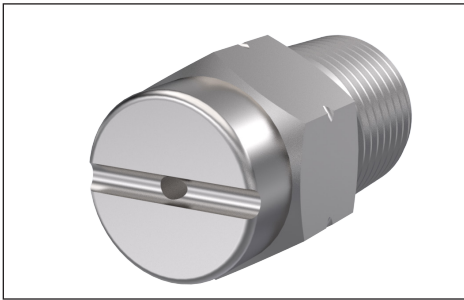




F15 SPRAY NOZZLE SPECIFICATIONS

15° SPRAY ANGLE • FLAT SPRAY • THREADED



Spray angle not exactly as shown

SPRAY CHARACTERISTICS:

F15 series spray nozzles produce a flat, fan shaped spray pattern, with a spray angle of 15° at 40 PSI. 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, 303 stainless steel and 316 stainless steel. Other materials may be available upon request. Some parts are also stocked in Carpenter 20®, PVC, CPVC and polypropylene.

Nozzle Size	Dim. 'L' (inches)	Dim. 'A' (inches)
1/8F	13/16	7/16 HEX
1/4F	15/16	9/16 HEX
3/8F	1 3/16	1 1/16 HEX
1/2F	1 5/16	7/8 HEX
3/4F	1 11/16	1 1/16 HEX
1F	2 1/2	1 3/8 HEX
1-1/4F	3 5/8	1 3/4 HEX
1-1/2F	4 1/4	2 Dia.
2F	5	2 3/8 Dia.

TYPICAL APPLICATIONS:

- Parts Cleaning
- Metal Washing
- Foam control
- Gravel Washing
- Vehicle Washing
- Dishwashers
- Fertilizer spraying

Model Number	Equiv. Orif. Dia. mm	Capacities at Various Pressures LPM													Spray Angles		
		0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	20 bar	30 bar	1.5 bar	3 bar	5 bar
1/8F1510	2.01	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	6.0	7.2	10.2	12.5	13°	15°	16°
1/4F1510	2.01	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	6.0	7.2	10.2	12.5	13°	15°	16°
1/8F1515	2.46	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	9.0	10.8	15.3	18.7	11°	15°	20°
1/4F1515	2.46	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	9.0	10.8	15.3	18.7	11°	15°	20°
3/8F1515	2.46	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	9.0	10.8	15.3	18.7	11°	15°	20°
1/8F1520	2.84	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	12.1	14.4	20.4	25.0	11°	15°	20°
1/4F1520	2.84	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	12.1	14.4	20.4	25.0	11°	15°	20°
3/8F1520	2.84	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	12.1	14.4	20.4	25.0	11°	15°	18°
1/8F1530	3.38	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37	11°	15°	18°
1/4F1530	3.38	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37	12°	15°	18°
3/8F1530	3.38	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37	12°	15°	18°
1/4F1540	3.89	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	41	50	12°	15°	18°
3/8F1540	3.89	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	41	50	12°	15°	19°
1/4F1550	4.37	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	30.1	36	51	62	12°	15°	19°

* TABLE CONTINUES ON FOLLOWING PAGE



F15 SPRAY NOZZLE SPECIFICATIONS

15 DEGREE SPRAY ANGLE • FLAT SPRAY • THREADED CONNECTION

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* TABLE CONTINUED FROM PREVIOUS PAGE

Model Number	Equiv. Orif. Dia. mm	Capacities at Various Pressures LPM													Spray Angles		
		0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	20 bar	30 bar	1.5 bar	3 bar	5 bar
1/8F1530	3.38	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37	11°	15°	18°
1/4F1530	3.38	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37	12°	15°	18°
3/8F1530	3.38	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37	12°	15°	18°
1/4F1540	3.89	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	41	50	12°	15°	18°
3/8F1540	3.89	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	41	50	12°	15°	19°
1/4F1550	4.37	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	30.1	36	51	62	12°	15°	19°
3/8F1550	4.37	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	30.1	36	51	62	12°	15°	19°
1/4F1560	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	12°	15°	17°
3/8F1560	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	12°	15°	17°
1/4F1570	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	12°	15°	19°
3/8F1570	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	12°	15°	19°
1/4F1580	5.36	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	48	58	82	100	12°	15°	19°
3/8F15100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	12°	15°	19°
1/2F15100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	12°	15°	19°
3/8F15120	6.76	15.0	19.3	22.9	27.3	33	39	47	55	61	72	86	122	150	12°	15°	19°
1/2F15120	6.76	15.0	19.3	22.9	27.3	33	39	47	55	61	72	86	122	150	12°	15°	18°
3/8F15150	7.54	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	12°	15°	18°
1/2F15150	7.54	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	12°	15°	18°
1/2F15200	8.71	25.0	32	38	46	56	64	79	91	102	121	144	204	250	13°	15°	17°

