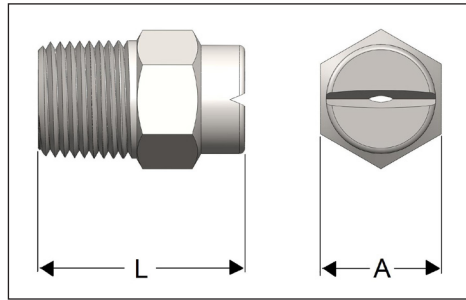
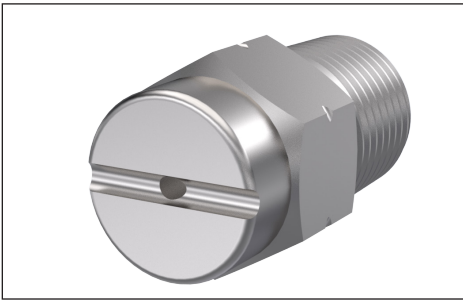




F50 SPRAY NOZZLE SPECIFICATIONS

50° SPRAY ANGLE • FLAT SPRAY • THREADED



Spray angle not exactly as shown

SPRAY CHARACTERISTICS:

F50 series spray nozzles produce a flat, fan shaped spray pattern, with a spray angle of 50° 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
1/8F5010	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	43°	50°	55°
1/4F5010	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	43°	50°	55°
3/8F5010	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	43°	50°	55°
1/8F5015	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	43°	50°	55°
1/4F5015	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	43°	50°	55°
3/8F5015	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	43°	50°	55°
1/8F5020	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	43°	50°	55°
1/4F5020	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	43°	50°	55°
3/8F5020	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	43°	50°	55°
1/8F5030	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	43°	50°	54°
1/4F5030	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	43°	50°	55°
3/8F5030	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	43°	50°	54°
1/8F5040	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	43°	50°	54°

* TABLE CONTINUES ON FOLLOWING PAGE



F 50 SPRAY NOZZLE SPECIFICATIONS

50 DEGREE SPRAY ANGLE • FLAT SPRAY • THREADED CONNECTION

www.BEX.com

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
3/8F5020	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	43°	50°	55°
1/8F5030	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	43°	50°	54°
1/4F5030	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	43°	50°	55°
3/8F5030	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	43°	50°	54°
1/8F5040	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	43°	50°	54°
1/4F5040	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	43°	50°	54°
3/8F5040	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	43°	50°	54°
1/4F5050	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	43°	50°	53°
3/8F5050	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	43°	50°	53°
1/4F5060	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	43°	50°	53°
3/8F5060	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	43°	50°	53°
1/2F5060	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	43°	50°	53°
1/4F5070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	44°	50°	53°
3/8F5070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	44°	50°	53°
1/2F5070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	44°	50°	53°
3/8F50100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	44°	50°	52°
1/2F50100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	44°	50°	52°
3/8F50120	6.76	15.0	19.3	22.9	27.3	33	39	47	55	61	72	86	122	150	44°	50°	53°
1/2F50120	6.76	15.0	19.3	22.9	27.3	33	39	47	55	61	72	86	122	150	44°	50°	53°
3/8F50150	7.54	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	45°	50°	52°
1/2F50150	7.54	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	45°	50°	52°
1/2F50200	8.71	25.0	32	38	46	56	64	79	91	102	121	144	204	250	46°	50°	52°
3/4F50200	8.71	25.0	32	38	46	56	64	79	91	102	121	144	204	250	46°	50°	52°
3/4F50400	12.32	50	64	76	91	112	129	158	182	204	241	288	408	499	47°	50°	54°
1F50500	13.79	62	81	95	114	140	161	197	228	255	301	360	510	624	46°	50°	55°
1-1/4F50500	13.79	62	81	95	114	140	161	197	228	255	301	360	510	624	46°	50°	55°
1-1/4F50750	16.87	94	121	143	171	209	242	296	342	382	452	540	764	936	46°	50°	54°
1-1/4F501000	19.48	125	161	191	228	279	322	395	456	510	603	721	1,019	1,248	46°	50°	55°