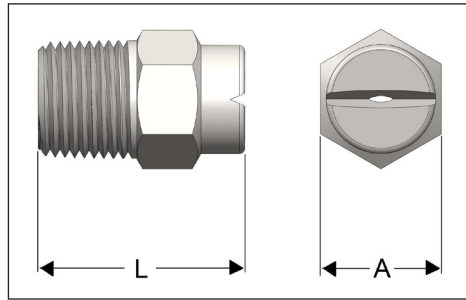
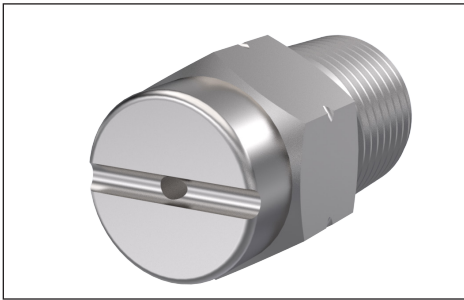




F40 SPRAY NOZZLE SPECIFICATIONS

40° SPRAY ANGLE • FLAT SPRAY • THREADED



Spray angle not exactly as shown

SPRAY CHARACTERISTICS:

F40 series spray nozzles produce a flat, fan shaped spray pattern, with a spray angle of 40° 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	13/16	11/16 HEX
1/2F	15/16	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
1/8F4010	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	30°	40°	43°
1/4F4010	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	30°	40°	43°
1/8F4015	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	35°	40°	41°
1/4F4015	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	35°	40°	41°
1/8F4020	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	33°	40°	43°
1/4F4020	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	33°	40°	43°
3/8F4020	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	33°	40°	43°
1/8F4030	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	34°	40°	45°
1/4F4030	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	34°	40°	45°
3/8F4030	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	34°	40°	45°
1/8F4040	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	33°	40°	43°
1/4F4040	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	33°	40°	43°
3/8F4040	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	33°	40°	43°
1/4F4050	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	35°	40°	46°
3/8F4050	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	35°	40°	46°

*TABLE CONTINUES ON FOLLOWING PAGE



F 40 SPRAY NOZZLE SPECIFICATIONS

40 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
1/4F4030	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	34°	40°	45°
3/8F4030	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	34°	40°	45°
1/8F4040	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	33°	40°	43°
1/4F4040	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	33°	40°	43°
3/8F4040	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	33°	40°	43°
1/4F4050	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	35°	40°	46°
3/8F4050	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	35°	40°	46°
1/4F4060	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	37°	40°	48°
3/8F4060	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	37°	40°	48°
1/2F4060	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	37°	40°	48°
1/4F4070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	35°	40°	46°
3/8F4070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	35°	40°	46°
1/2F4070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	35°	40°	44°
3/8F40100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	33°	40°	44°
1/2F40100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	33°	40°	44°
3/4F40100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	36°	40°	44°
1/2F40120	6.76	15.0	19.3	22.9	27.3	33	39	47	55	61	72	86	122	150	36°	40°	43°
1/2F40150	7.54	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	37°	40°	44°
3/4F40150	7.54	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	37°	40°	44°
1/2F40200	8.71	25.0	32	38	46	56	64	79	91	102	121	144	204	250	38°	40°	43°
3/4F40200	8.71	25.0	32	38	46	56	64	79	91	102	121	144	204	250	38°	40°	43°
3/4F40300	10.67	37	48	57	68	84	97	118	137	153	181	216	306	374	38°	40°	44°
3/4F40350	11.53	44	56	67	80	98	113	138	160	178	211	252	357	437	37°	40°	44°
3/4F40400	12.32	50	64	76	91	112	129	158	182	204	241	288	408	499	38°	40°	44°