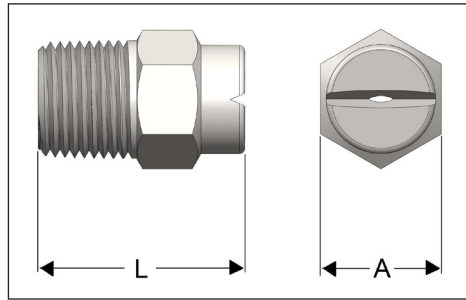
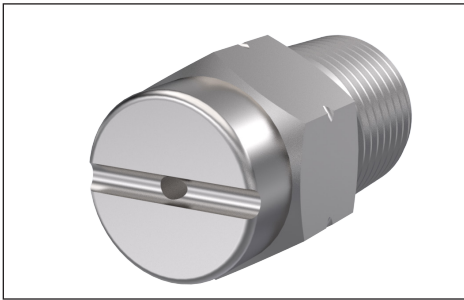




F80 SPRAY NOZZLE SPECIFICATIONS

80° SPRAY ANGLE • FLAT SPRAY • THREADED



Spray angle not exactly as shown

SPRAY CHARACTERISTICS:

F80 series spray nozzles produce a flat, fan shaped spray pattern, with a spray angle of 80° 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
1/8F8010	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	75°	80°	83°
1/4F8010	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	75°	80°	83°
3/8F8010	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	75°	80°	83°
1/8F8015	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	74°	80°	86°
1/4F8015	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	74°	80°	86°
3/8F8015	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	75°	80°	86°
1/8F8020	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	74°	80°	85°
1/4F8020	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	74°	80°	85°
3/8F8020	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	74°	80°	85°
1/8F8030	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	75°	80°	86°
1/4F8030	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	75°	80°	86°
3/8F8030	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	75°	80°	86°
1/8F8040	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	76°	80°	85°
1/4F8040	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	76°	80°	85°
3/8F8040	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	76°	80°	85°

TABLE CONTINUES ON FOLLOWING PAGE



F 80 SPRAY NOZZLE SPECIFICATIONS

80 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
3/8F8020	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	74°	80°	85°
1/8F8030	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	75°	80°	86°
1/4F8030	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	75°	80°	86°
3/8F8030	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	75°	80°	86°
1/8F8040	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	76°	80°	85°
1/4F8040	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	76°	80°	85°
3/8F8040	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	76°	80°	85°
1/4F8050	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	77°	80°	84°
3/8F8050	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	77°	80°	84°
1/4F8060	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	77°	80°	84°
3/8F8060	4.78	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	77°	80°	84°
1/4F8070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	78°	80°	87°
3/8F8070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	78°	80°	87°
1/2F8070	5.16	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	78°	80°	87°
1/4F8080	5.51	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	48	58	82	100	78°	80°	88°
3/8F8080	5.51	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	48	58	82	100	78°	80°	88°
1/2F8080	5.51	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	48	58	82	100	78°	80°	88°
3/8F80100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	75°	80°	83°
1/2F80100	6.17	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	75°	80°	83°
3/8F80150	7.54	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	73°	80°	84°
1/2F80150	7.54	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	73°	80°	84°
1/2F80200	8.71	25.0	32	38	46	56	64	79	91	102	121	144	204	250	74°	80°	82°
3/4F80200	8.71	25.0	32	38	46	56	64	79	91	102	121	144	204	250	74°	80°	82°
3/4F80400	12.32	50	64	76	91	112	129	158	182	204	241	288	408	499	--	80°	82°