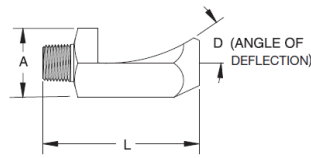


Threaded Nozzles – Flat Spray Series FP



SPRAY CHARACTERISTICS:

A flat and thin fan-shaped spray with sharp definition on all edges. This spray delivers very high impact over the area covered. The spray is deflected by angle D away from the centerline of the spray nozzle.

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.

TYPICAL APPLICATIONS:

- High Impact Applications
- Metal Wash
- Gravel Washing
- Vehicle Washing

Spray Angle @ 3 bar	Model Number	Thread	Equiv. Orifice Diameter (mm)	Angle D @ 3 bar	Dimension (mm)		CAPACITY (L/min) AT VARIOUS PRESSURES (bar)								Spray Angle @ bar			
					A	L	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar	5 bar	6 bar	1 bar	3 bar	5 bar	
50°	1/8 FP5001	1/8"	0.61	40°	17 Hex	21.1	0.23	0.28	0.32	0.36	0.39	0.46	0.51	0.56	30°	50°	58°	
	1/4 FP50025	1/4"	0.97	41°	17 Hex	27.3	0.57	0.70	0.81	0.90	0.99	1.14	1.27	1.40	29°	50°	57°	
	1/4 FP5005	1/4"	1.35	41°	17 Hex	28.3	1.14	1.40	1.61	1.80	1.97	2.28	2.55	2.79	30°	50°	59°	
	1/4 FP5010	1/4"	1.91	52°	17 Hex	31.8	2.28	2.79	3.20	3.60	3.90	4.60	5.10	5.60	32°	50°	59°	
	1/4 FP5025	1/4"	3.00	40°	17 Hex	33.3	5.70	7.00	8.10	9.00	9.90	11.4	12.7	14.0	41°	50°	58°	
	3/8 FP5025	3/8"	3.00	40°	17 Hex	34.9	5.70	7.00	8.10	9.00	9.90	11.4	12.7	14.0	41°	50°	58°	
	1/4 FP5040	1/4"	3.78	45°	22 Hex	47.7	9.10	11.2	12.9	14.4	15.8	18.2	20.4	22.3	42°	50°	59°	
	3/8 FP5040	3/8"	3.78	44°	22 Hex	48.4	9.10	11.2	12.9	14.4	15.8	18.2	20.4	22.3	40°	50°	59°	
	3/8 FP5060	3/8"	4.65	40°	22 Hex	55.5	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33.0	41°	50°	52°	
	3/8 FP50100	3/8"	5.99	38°	31.8 Hex	69.9	22.8	27.9	32.0	36.0	39.0	46.0	51.0	56.0	44°	50°	54°	
40°	3/8 FP50125	3/8"	6.76	34°	31.8 Hex	65.3	28.5	35.0	40.0	45.0	49.0	57.0	64.0	70.0	39°	50°	57°	
	3/8 FP50160	3/8"	7.57	37°	31.8 Hex	67.8	36.0	45.0	52.0	58.0	63.0	73.0	82.0	89.0	46°	50°	55°	
	3/8 FP50200	3/8"	8.33	33°	34.9 Hex	73.0	46.0	56.0	64.0	72.0	79.0	91.0	102	112	47°	50°	55°	
	3/8 FP4040	3/8"	3.78	34°	22 Hex	53.1	9.10	11.2	12.9	14.4	15.8	18.2	20.4	22.3	29°	40°	48°	
	3/8 FP4050	3/8"	4.24	32°	31.8 Hex	56.9	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	30°	40°	47°	
	3/8 FP4060	3/8"	4.65	31°	28.6 Hex	72.2	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33.0	31°	40°	50°	
	3/8 FP4070	3/8"	5.00	28°	31.8 Hex	71.9	16.0	19.5	22.6	25.2	27.6	32.0	36.0	39.0	33°	40°	50°	
	3/8 FP4080	3/8"	5.36	28°	31.8 Hex	71.9	18.2	22.3	25.8	28.8	32.0	36.0	41.0	45.0	33°	40°	48°	
	3/8 FP4090	3/8"	5.79	28°	31.8 Hex	71.9	20.5	25.1	29.0	32.0	36.0	41.0	46.0	50.0	34°	40°	46°	
	3/8 FP40100	3/8"	5.99	31°	31.8 Hex	74.6	22.8	27.9	32.0	36.0	39.0	46.0	51.0	56.0	34°	40°	46°	
35°	1/8 FP3504	1/8"	1.19	36°	11 Hex	49.2	0.91	1.12	1.29	1.44	1.58	1.82	2.04	2.23	20°	35°	41°	
	1/4 FP3510	1/4"	1.91	37°	17 Hex	36.5	2.28	2.79	3.20	3.60	3.90	4.60	5.10	5.60	18°	35°	38°	
	1/4 FP3520	1/4"	2.67	30°	17 Hex	39.4	4.60	5.60	6.40	7.20	7.90	9.10	10.2	11.2	25°	35°	42°	
	3/8 FP3520	3/8"	2.67	32°	17 Hex	40.2	4.60	5.60	6.40	7.20	7.90	9.10	10.2	11.2	25°	35°	41°	
	3/8 FP3525	3/8"	2.97	29°	17 Hex	50.8	5.70	7.00	8.10	9.00	9.90	11.4	12.7	14.0	24°	35°	41°	
	3/8 FP3530	3/8"	3.25	28°	22 Hex	54.2	6.80	8.40	9.70	10.8	11.8	13.7	15.3	16.7	25°	35°	42°	
	3/8 FP3540	3/8"	3.78	31°	22 Hex	60.4	9.10	11.2	12.9	14.4	15.8	18.2	20.4	22.3	29°	35°	42°	
	3/8 FP3550	3/8"	4.24	26°	25.4 Hex	63.5	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	30°	35°	40°	
	1/2 FP3560	1/2"	4.65	29°	27 Hex	73.0	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33.0	27°	35°	40°	
	1/2 FP3580	1/2"	5.36	22°	31.8 Hex	79.9	18.2	22.3	25.8	28.8	31.6	36.5	40.8	44.7	25°	35°	38°	
25°	1/2 FP35100	1/2"	5.61	24°	31.8 Hex	88.9	22.8	27.9	32.0	36.0	39.0	46.0	51.0	56.0	25°	35°	40°	
	3/4 FP35160	3/4"	7.49	22°	31.8 Hex	117	36.0	45.0	52.0	58.0	63.0	73.0	82.0	89.0	26°	35°	39°	
	3/4 FP35200	3/4"	8.46	24°	31.8 Hex	110	46.0	56.0	64.0	72.0	79.0	91.0	102	112	31°	35°	42°	
	1/4 FP2540	1/4"	3.78	24°	22 Hex	68.2	9.10	11.2	12.9	14.4	15.8	18.2	20.4	22.3	22°	25°	27°	
	15°	1/4 FP1510	1/4"	1.91	22°	17 Hex	49.0	2.28	2.79	3.20	3.60	3.90	4.60	5.10	5.60	--	15°	21°
		1/4 FP1520	1/4"	2.67	16°	17 Hex	57.2	4.60	5.60	6.40	7.20	7.90	9.10	10.2	11.2	--	15°	18°
		3/8 FP1530	3/8"	3.28	20°	22 Hex	73.4	6.80	8.40	9.70	10.8	11.8	13.7	15.3	16.7	8°	15°	24°
		3/8 FP1540	3/8"	3.78	13°	22 Hex	95.3	9.10	11.2	12.9	14.4	15.8	18.2	20.4	22.3	8°	15°	20°
		3/8 FP1550	3/8"	4.24	14°	22 Hex	92.1	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	8°	15°	22°
		1/2 FP1560	1/2"	4.65	14°	25.4 Hex	112	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33.0	11°	15°	18°
1/2 FP1580		1/2"	5.54	14°	28.6 Hex	130	18.2	22.3	25.8	28.8	32.0	36.0	41.0	45.0	11°	15°	18°	
1/2 FP15100		1/2"	5.99	15°	28.6 Hex	138	22.8	27.9	32.0	36.0	39.0	46.0	51.0	56.0	11°	15°	17°	
3/4 FP15200		3/4"	8.46	15°	38.1 Hex	190	46.0	56.0	64.0	72.0	79.0	91.0	102	112	11°	15°	17°	
3/4 FP15300		3/4"	10.36	15°	44.5 Hex	191	68.0	84.0	97.0	108	118	137	153	167	12°	15°	18°	