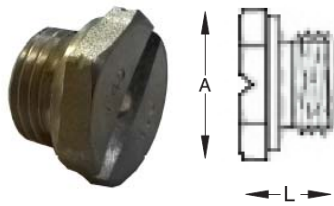
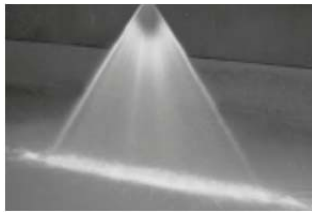


# Threaded Nozzles – Flat Spray Series GF



A = 17 mm  
L = 12 mm

## SPRAY CHARACTERISTICS:

F-Series spray nozzles produce a flat, fan-shaped spray pattern, with spray angles available from 5° to 110° measured at 3 bar. Spray angles generally increase with pressure. 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, mild steel, 303 stainless steel and 316 stainless steel. All models have 1/4" threads.

## TYPICAL APPLICATIONS:

- Metal Washing
- Foam Control
- Wetting
- Vehicle Washing
- Fertilizer Spraying
- Food Processing

Available Spray Angles	Equiv. Orifice Diameter (mm)	BEX Size	CAPACITY (L/min) AT VARIOUS PRESSURES (bar)													
			0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	15 bar	20 bar	30 bar
120°	0.80	0.4	0.15	0.2	0.24	0.28	0.34	0.4	0.49	0.57	0.63	0.75	0.89	1.1	1.1	1.54
	1.00	0.6	0.25	0.32	0.38	0.45	0.55	0.63	0.77	0.89	1	1.18	1.41	1.73	1.73	2.44
	1.27	1.0	0.39	0.5	0.59	0.71	0.87	1	1.22	2.44	1.58	1.87	2.24	2.74	2.74	3.9
	1.41	1.3	0.49	0.63	0.75	0.88	1.08	1.25	1.53	1.77	1.98	2.34	2.8	3.4	3.4	4.9
90°	1.60	1.6	0.62	0.8	0.95	1.13	1.38	1.6	1.96	2.26	2.53	2.99	3.6	4.4	4.4	6.2
	1.74	1.9	0.74	0.95	1.12	1.34	1.64	1.9	2.33	2.69	3	3.6	4.2	5.2	5.2	7.3
60°	2.00	2.5	0.97	1.25	1.48	1.77	2.17	2.5	3.06	3.53	4	4.7	5.6	6.8	6.8	9.7
	2.25	3.2	1.22	1.58	1.67	2.23	2.73	3.15	3.9	4.5	5	5.9	7	8.6	8.6	12.3
45°	2.53	4.0	1.55	2	2.37	2.83	3.5	4	4.9	5.7	6.3	7.5	8.9	11	11	15.4
	2.76	4.8	1.84	2.38	2.82	3.4	4.2	4.8	5.8	6.7	7.5	8.9	10.6	13	13	18.4
30°	3.18	6.3	2.44	3.15	3.7	4.5	6.5	6.3	7.7	8.9	10	11.8	14.1	17.3	17.3	24.4
	3.58	8.0	3.1	4	4.7	5.7	7	6	9.8	11.3	12.6	15	17.9	21.9	21.9	31
20°	4.00	10.0	3.9	5	5.9	7.1	8.7	10	12.2	14.1	15.8	18.7	22.4	27.4	27.4	39.2
	4.47	13.0	4.9	6.3	7.45	8.8	10.8	12.5	15.3	17.7	19.8	23.4	28	34	34	49
	5.06	16.0	6.2	8	9.5	11.3	13.8	16	19.6	22.6	25.3	29.9	36	44	44	62
	5.66	20.0	7.8	10	11.8	14.1	17.3	20	24.5	28.3	32	37	45	55	55	77

## How to Order :

G1/4"  
Thread

GF  
Series/  
Nozzle-Type

45  
Spray Angle  
0° - 110°

3.2  
Size (capacity)  
0.4 - 20

-3  
Material  
B – brass  
3 – stainless steel 303  
6 – stainless steel 316

BEX Flat Spray Nozzles Series „GF“ Item : B1/4“GF453.2-3