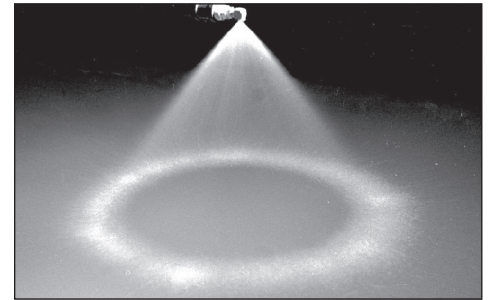
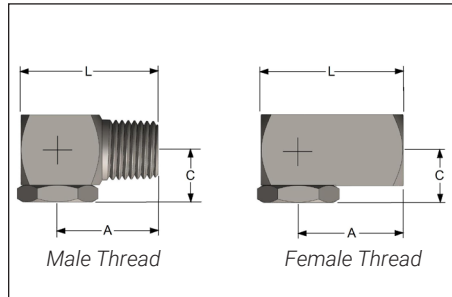




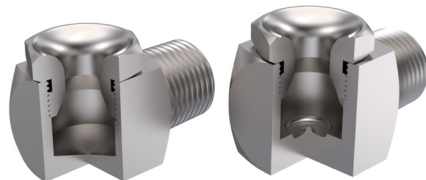
HB SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

A hollow cone spray pattern emerging at right angles to the centerline of the pipe connection. Identical to the BEX H series, but features a thicker wall behind the swirl vane. Ideal for higher pressure applications where the interior of the nozzle has potential to wear. The standard included angle of the spray cone is 70° at 10 p.s.i. At low pressures hollow cone nozzles produce medium size, uniform droplets. At higher pressures finer droplets are produced.

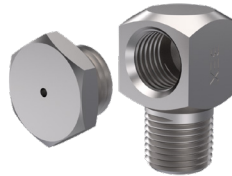


H Series

HB Series

CONSTRUCTION:

The models listed are machined from bar stock, and are two piece construction.



TYPICAL APPLICATIONS:

- Water Cooling
- Roof Cooling
- Air Cooling
- Air Washing

Female Size	Dim 'A'	Dim 'C'	Dim 'L'	Male Size	Dim 'A'	Dim 'C'	Dim 'L'
1/8FHB	11/16	3/8	1	1/8HB	11/16	3/8	1
1/4FHB	15/16	1/2	1 1/4	1/4HB	15/16	1/2	1 1/4
3/8FHB	1	9/16	1 3/8	3/8HB	1	9/16	1 1/2
1/2FHB	1 3/8	3/4	1 7/8	1/2HB	1 3/8	3/4	1 7/8
3/4FHB	1 9/16	7/8	2 1/4	3/4HB	1 5/8	7/8	2 1/4

All dimensions are in inches

Model		Max. Free Passage	Capacities at Various Pressures												Spray Angle			
Female	Male		.3 bar	.5 bar	.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	8 bar	10 bar	15 bar	20 bar	30 bar	40 bar
1/8FHB0.5	1/8HB0.5	0.71	0.125	0.161	0.191	0.228	0.279	0.32	0.39	0.46	0.51	0.56	0.64	--	--	40	45	
1/8FHB1	1/8HB1	1.35	0.250	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.02	1.12	1.29	--	60	74	75	
1/8FHB2	1/8HB2	2.18	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.58	--	65	72	76	
1/8FHB3	1/8HB3	2.49	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.3	3.9	65	76	80	83	
1/8FHB5	1/8HB5	3.25	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	70	77	80	81	
1/8FHB7.5	1/8HB7.5	3.89	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	9.7	70	86	94	94	
1/8FHB10	1/8HB10	4.34	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	70	71	73	75	
1/4FHB1	1/4HB1	1.52	0.250	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.02	1.12	1.29	--	61	74	69	
1/4FHB2	1/4HB2	2.16	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.58	70	75	83	85	
1/4FHB3	1/4HB3	2.82	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.3	3.9	70	70	72	74	
1/4FHB5	1/4HB5	3.45	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	70	77	80	83	
1/4FHB7.5	1/4HB7.5	4.22	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	9.7	70	70	74	75	
1/4FHB10	1/4HB10	4.32	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	70	74	76	80	

* TABLE CONTINUES ON FOLLOWING PAGE



HB SPRAY NOZZLE SPECIFICATIONS
HOLLOW CONE • THREADED CONNECTION

www.BEX.com

Model		Max. Free Passage	Capacities at Various Pressures												Spray Angle			
Female	Male		.3 bar	.5 bar	.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	8 bar	10.7 bar	15 bar	3 bar	6 bar	
1/4FHB12.5	1/4HB12.5	4.50	3.12	4.0	4.8	5.7	7.0	8.1	9.9	11.4	12.7	14.0	16.1	70	82	83	83	
1/4FHB15	1/4HB15	5.41	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	19.3	70	75	75	75	
3/8FHB5	3/8HB5	3.45	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	70	74	76	76	
3/8FHB7.5	3/8HB7.5	4.17	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	9.7	70	74	78	82	
3/8FHB10	3/8HB10	4.93	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	70	78	80	81	
3/8FHB12.5	3/8HB12.5	5.21	3.12	4.0	4.8	5.7	7.0	8.1	9.9	11.4	12.7	14.0	16.1	70	80	82	84	
3/8FHB15	3/8HB15	5.89	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	19.3	70	73	75	75	
3/8FHB20	3/8HB20	6.35	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	22.3	25.8	70	73	75	75	
3/8FHB25	3/8HB25	7.09	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	27.9	32	70	72	73	73	
3/8FHB30	3/8HB30	7.42	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	33	39	70	70	73	72	
1/2FHB25	1/2HB25	7.49	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	27.9	32	70	75	76	76	
1/2FHB30	1/2HB30	8.36	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	33	39	70	78	80	81	
1/2FHB40	1/2HB40	9.37	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	45	52	70	75	75	75	
1/2FHB50	1/2HB50	9.98	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	70	70	71	73	
1/2FHB60	1/2HB60	10.69	15.0	19.3	22.9	27.3	33	39	47	55	61	67	77	70	70	71	71	
3/4FHB40	3/4HB40	9.35	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	45	52	70	71	76	79	
3/4FHB50	3/4HB50	10.69	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	70	73	74	74	
3/4FHB60	3/4HB60	11.13	15.0	19.3	22.9	27.3	33	39	47	55	61	67	77	70	75	78	80	
3/4FHB70	3/4HB70	11.91	17.5	22.6	26.7	32	39	45	55	64	71	78	90	70	74	76	76	
3/4FHB80	3/4HB80	12.29	20.0	25.8	30.5	36	45	52	63	73	82	89	103	70	73	75	76	
3/4FHB90	3/4HB90	12.70	22.5	29.0	34	41	50	58	71	82	92	100	116	70	70	71	73	
3/4FHB100	3/4HB100	12.88	25.0	32	38	46	56	64	79	91	102	112	129	70	73	76	78	
3/4FHB110	3/4HB110	14.61	27.5	35	42	50	61	71	87	100	112	123	142	70	72	75	72	
3/4FHB120	3/4HB120	14.43	30.0	39	46	55	67	77	95	109	122	134	155	70	70	71	71	