

# TYPE.KBI

## SOLID CONE SPRAY NOZZLE

Data Sheet 10081501 Rev.01

### SPRAY CHARACTERISTICS

Uniform distribution of droplets of which are larger than equivalent Hollow Cone pattern. Greater spray impact with smaller spray angles. Spray angle affected with pressure

### NOZZLE PROPERTIES

One piece body with pressed cross-milled core  
Available in a range of BSPT thread sizes  
Standard material availability of Brass, 303 and 316 Stainless Steel

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### Capacity Chart

NOZZLE NUMBER	THREAD SIZE	SPRAY ANGLE @ 2 BAR	FLOW RATE IN LITRES/MIN AT Bar.G							
			0.35	1	1.5	2	3	4	6	7
6	1/8" 1/4"	47°	0.88	1.50	1.88	2.18	2.65	2.87	3.41	3.54
8	1/8" 1/4"	56°	1.30	2.28	2.84	3.23	4.00	4.55	5.38	5.72
11	1/8" 1/4"	64°	1.63	2.87	3.62	4.05	4.87	5.36	6.30	6.74
12	1/8" 1/4"	70°	2.09	3.41	4.09	4.55	5.30	5.91	7.02	7.58
16	1/4" 3/8"	60°	2.50	4.41	5.30	6.14	7.27	8.00	9.51	10.04
20	1/4" 3/8"	73°	3.11	5.46	6.50	7.54	9.06	10.00	11.92	12.63
22	1/4" 3/8"	80°	3.58	6.24	7.51	8.32	9.78	10.91	13.23	14.24
27	3/8" 1/2"	53°	4.23	7.42	9.01	10.10	12.32	13.64	16.06	17.47
32	3/8" 1/2"	70°	5.81	8.88	10.81	12.32	14.44	15.96	19.29	20.40
42	1/2" 3/4"	76°	6.74	11.82	14.44	15.96	19.29	21.41	24.95	27.37
49	1/2" 3/4"	86°	8.17	14.24	16.36	18.69	23.13	25.05	29.29	32.52
63	1/2" 3/4"	80°	10.20	17.07	20.50	23.84	28.89	32.22	38.48	41.31
77	3/4"	73°	12.32	20.50	23.94	29.09	34.95	38.68	45.65	49.29
89	3/4"	85°	13.94	23.74	29.39	33.63	40.00	44.54	52.92	56.26
102	3/4"	97°	14.85	27.37	33.73	38.68	46.26	50.00	60.10	64.54
105	1"	57°	16.26	27.78	33.73	39.79	48.18	52.32	62.42	67.37
123	1"	73°	19.49	34.64	42.32	46.56	57.77	63.63	75.95	80.40
162	1"	86°	25.55	44.64	53.03	61.41	72.22	79.08	95.14	101.0
193	1"	100°	28.79	50.10	60.70	73.23	87.57	99.08	119.2	128.3

### Dimensions and Weights

DIMENSIONS (mm)				WEIGHT (g)
THREAD	A Hex	B	C	
1/8"	11.3	17.5	9.6	10
1/4"	15.3	24.5	13.0	24
3/8"	18.0	25.5	14.0	35
1/2"	25.6	32.0	16.1	75
3/4"	28.0	36.0	19.0	115
1"	38.0	50.0	28.5	290

