INDUSTRIAL SPRAY NOZZLES - SOLID CONE

SPRAY CHARACTERISTICS

- *Uniform distribution of droplets in a solid cone spray pattern.*
- *Standard spray angle is 30°.*
- *Relatively coarse spray droplets with velocity and unit impact higher than standard solid cone sprays, which have wider spray angles at the same flow and pressure.*

CONSTRUCTION AND MATERIALS

- *One piece body with cross-milled or multi slotted core pressed into place which is removable.*
- *Core imparts the necessary swirl to produce a solid cone spray pattern.*
- *Hexagon body for easy installation eliminates distortion of orifice during installation.*
- *Brass and Stainless Steel are standard.*
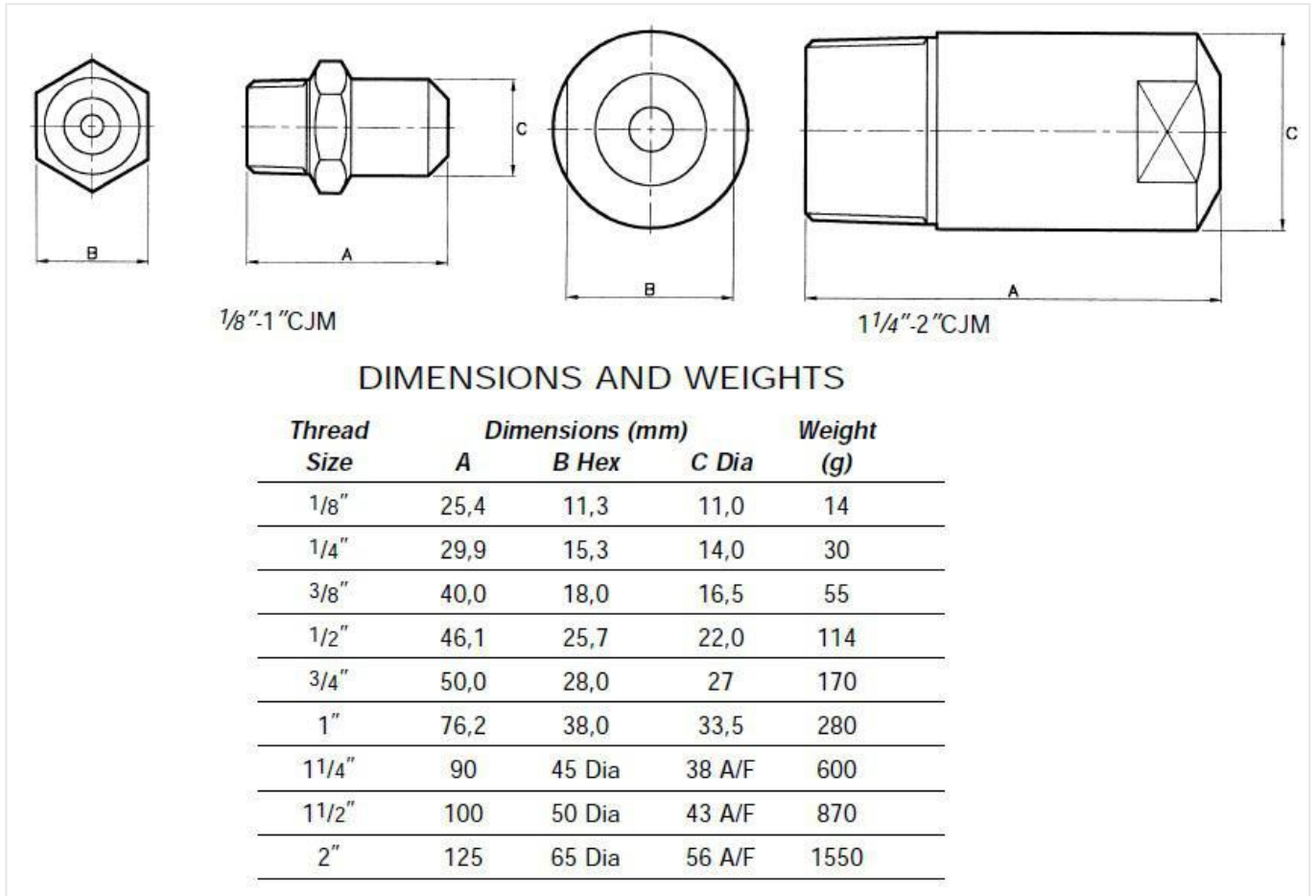- *Other materials to special order.*
- *Threads are Male BSPT.*

ORDER EXAMPLE

3/4" CJM 50 Brass.

Maximum Recommended Pressure: 70 Bar.G. (Metal), 7 Bar.G. (Plastic)

CAPACITY CHARTS

1/8"-1"CJM

1 1/4"-2"CJM

DIMENSIONS AND WEIGHTS

Thread Size	Dimensions (mm)			Weight (g)
	A	B Hex	C Dia	
1/8"	25,4	11,3	11,0	14
1/4"	29,9	15,3	14,0	30
3/8"	40,0	18,0	16,5	55
1/2"	46,1	25,7	22,0	114
3/4"	50,0	28,0	27	170
1"	76,2	38,0	33,5	280
1 1/4"	90	45 Dia	38 A/F	600
1 1/2"	100	50 Dia	43 A/F	870
2"	125	65 Dia	56 A/F	1550

CAPACITY CHART

NOZZLE NUMBER	BSPT THREAD SIZE									FLOW RATE IN LITRES/MIN AT Bar.G.							SPRAY ANGLES (°) AT Bar.G.		
	1/8	1/4	3/8	1/2	3/4	1	1¼	1½	2	1	2	3	5	7	10	15	1	3	7
CJM 3	■	■								0,67	0,97	1,18	1,5	1,8	2,2	2,6	17	30	32
CJM 7,5	■	■								1,71	2,42	2,96	3,8	4,5	5,4	6,6	23	30	30
CJM 15			■							3,42	4,84	5,92	7,6	9,0	11	13	25	30	30
CJM 30				■						6,9	9,7	11,8	15	18	22	27	26	30	31
CJM 50					■					11,4	16,1	19,7	25	30	36	44	26	30	31
CJM 70						■				16,0	22,6	27,6	36	42	50	62	27	30	30
CJM 100						■				23	32	39	51	60	72	88	27	30	30
CJM 150							■			34	48	59	76	90	108	132	27	30	30
CJM 200							■	■		45	64	79	102	121	144	177	27	30	30
CJM 250								■		57	81	99	127	151	180	221	27	30	30
CJM 300								■		69	97	118	153	181	216	265	27	30	30
CJM 300									■	80	113	138	178	211	252	309	28	30	30
CJM 400									■	91	129	158	204	241	288	353	28	30	30