

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.

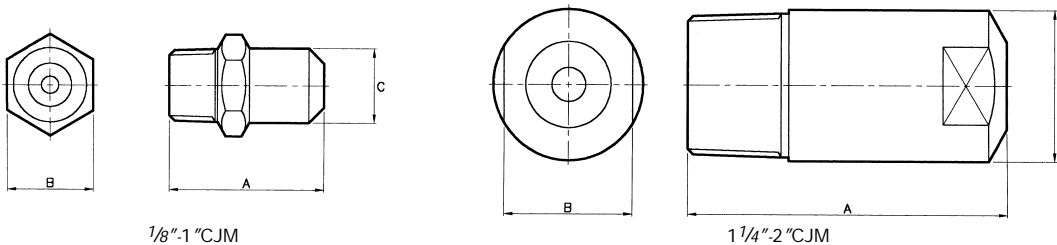


ORDER EXAMPLE

3/4" CJM 50 Brass.

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

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

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	1 1/4	1 1/2	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

SOLID CONE SPRAY

TYPE CJM

Contact our Helpline for any special requirements:
Tel: +44 (0) 151 424 6821
Fax: +44 (0) 151 495 1043
e-mail: sales@delavan.co.uk
Web: www.delavan.co.uk

