

## SPRAY CHARACTERISTICS

- Spiral distribution of droplets in a solid cone spray pattern.
- Droplet size is larger than in standard solid cone nozzles of equal capacity.
- High resistance to clogging.
- Available spray angles of 60°, 90°, & 120°.
- Male connection thread is standard.

## CONSTRUCTION AND MATERIALS

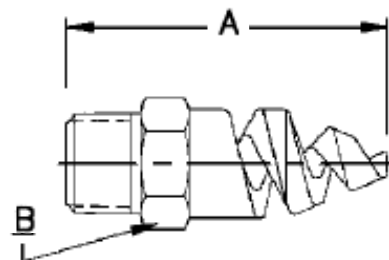
- One piece body with no internal parts.
- External pigtail design imparts the liquid to produce a solid cone spray pattern.
- Hexagon body for easy installation, eliminates distortion of orifice during installation.
- Brass and Stainless Steel are standard.
- Other materials available to special order.

## ORDER EXAMPLE

1/4" MCN 8-90° Stainless Steel

## DIMENSIONS AND WEIGHTS

Thread Size	Dimensions (mm)		Weight (g)	
	A	B Hex	Metal	Plastic
1/8"	42,9	14,3	28	6
1/4"	47,6	14,3	35	6
3/8"	47,6	17,5	46	7
1/2"	63,5	22,2	85	14
3/4"	69,9	28,6	156	25
1"	92,1	34,9	241	71
1 1/2"	111,0	50,8	624	120
2"	143,0	63,5	1300	227
	176,0		1530	255
3"	219,0	88,9	3230	567
4"	257,0	114,0	4790	765



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

## CAPACITY CHART

NOZZLE NUMBER	BSPT or NPT THREAD SIZE										APPROX. (mm)		FLOW RATE IN LITRES/MIN AT BAR. G							
	1/8	1/4	3/8	1/2	3/4	1	1 1/2	2	3	4	ORIFICE DIA.	FREE PASS DIA.	0,5	0,7	1	2	3	5	10	20
MCN 6											2,38	2,38	2,26	2,67	3,19	4,5	5,5	7,1	10,1	14,3
MCN 8											3,18	3,18	4,19	4,96	5,93	8,4	10,3	13,2	18,7	26,5
MCN 10											3,97	3,18	6,45	7,63	9,12	12,9	15,8	20,5	18,8	40,8
MCN 12											4,76	3,18	9,67	11,4	13,7	19,3	23,7	30,6	43,2	61,1
MCN 14											5,56	3,18	13,1	15,4	18,5	26,1	32,0	41,3	58,4	82,6
MCN 16											6,35	3,18	17,1	20,2	24,2	34,2	41,8	54,0	76,4	108
MCN 20											7,94	3,18	26,6	31,5	37,6	53,2	65,1	84,1	119	168
MCN 24											9,53	4,76	38,8	46,0	54,9	77,7	95,1	123	174	246
MCN 28											11,1	4,76	53,2	62,9	75,2	106	130	168	238	336
MCN 32											12,7	4,76	67,7	80,1	95,7	135	166	214	303	428
MCN 40											15,9	6,35	108	128	153	216	264	341	483	683
MCN 48											19,1	6,35	153	181	216	306	375	484	685	968
MCN 56											22,2	7,94	208	246	294	416	509	657	930	1320
MCN 64											25,4	7,94	272	322	385	545	667	861	1220	1720
MCN 72											28,6	7,94	309	366	438	619	758	978	1380	1960
MCN 88											34,9	11,1	451	534	638	902	1110	1430	2020	2850
MCN 96											38,1	11,1	570	674	806	1140	1400	1800	2550	3600
MCN 112											44,5	14,3	825	976	1170	1650	2020	2610	3690	5220
MCN 128											50,8	14,3	1090	1290	1550	2190	2680	3460	4891	6920
MCN 160											63,5	15,9	1690	2000	2390	3380	4140	5350	7570	10700

\* Largest Free Passage Way Available on Request

SOLID CONE SPRAY

TYPE MCN

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