



SFSS Pty Ltd
**FLUID SEALING
 AND SPRAY**

INDUSTRIAL FLUID SEALING & SPRAY SOLUTIONS

SFSS Pty Ltd
 PO BOX 4171 OATLEY WEST NSW 2223
 Unit 8/22-24 Norman St Peakhurst NSW 2210
 Ph. 02 9534 7740 Fax. 02 9534 7716
 ABN 41 137 238 692
www.sealandspray.com.au

sales@sealandspray.com.au

For urgent assistance call Gary: 0431 181 256

M Series

Full Cone Spray Nozzles

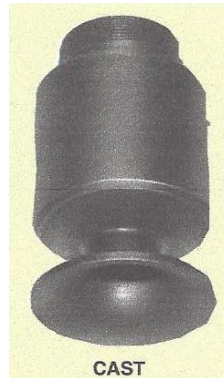
DESIGN FEATURES

- Ultimate clog-resistant design with largest free passage available in a full cone nozzle
- Two unique S-Shaped internal vanes allow free passage of particles

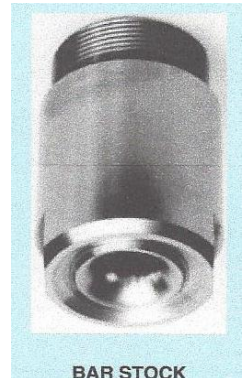
SPRAY CHARACTERISTICS

- High reliability spray performance under the most difficult conditions

Spray pattern: Full Cone
 Connections in NPT or BSP

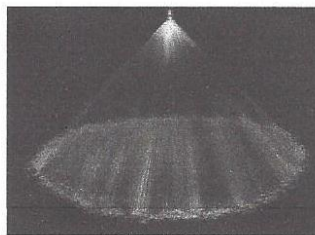


CAST



BAR STOCK

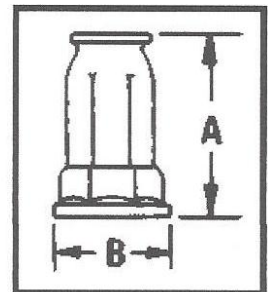
Dimension changes depending on cast or Bar Stock



Full Cone 90°

DIMENSION

SIZE	A (mm)	B (mm)	WT (kg)
2	138	76	1.7
2-1/2	175	87	2.2
3	196	105	2.7
4	251	138	8.2

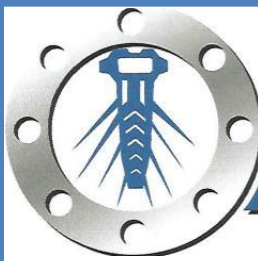


Flow Rates and Dimensions

Full Cone, 30°, 60°, 90° and 120°

MATERIAL : BRASS, 304SS, 316SS

SIZE INCH	MODEL	ORIFICE DIA. mm	FREE PASS mm	LITERS PER MINUTE @ B AR										SPRAY ANGLE AT (BAR)		
				0.5	0.7	1.5	2.0	3.0	4.0	5.0	6.0	7.0	10	0.5	1.5	6.0
2	17	12.7	11.1	65	76	108	124	149	170	189	205	220	260	49°	50°	44°
	30	17.3	11.1	115	135	191	220	265	300	330	360	390	460	72°	74°	64°
	35	19.2	11.1	135	157	225	255	310	350	390	425	455	540	75°	77°	68°
	40	21.0	11.1	154	180	255	295	350	400	445	485	520	610	78°	80°	70°
	50	23.8	14.3	192	225	320	365	440	500	560	610	650	770	83°	85°	75°
	60	28.6	14.3	230	270	385	440	530	600	670	730	780	920	98°	100°	86°
3	90	30.2	17.5	350	405	580	660	790	900	1000	1090	1170	1380	86°	89°	77°
	100	32.5	17.5	385	450	640	730	880	1000	1110	1210	1300	1530	92°	95°	83°
	120	34.9	20.6	465	540	770	880	1060	1200	1340	1450	1560	1840	102°	105°	89°
4	160	42.9	19.1	620	720	1020	1170	1410	1610	1780	1930	2080	2450	87°	90°	70°
	180	47.2	22.2	700	810	1150	1310	1580	1810	2000	2170	2340	2750	92°	95°	83°
	200	50.8	25.4	770	900	1280	1460	1760	2010	2220	2420	2590	3060	97°	100°	87°
	210	54.8	25.4	810	950	1340	1530	1850	2110	2330	2540	2720	3210	102°	105°	91°



SFSS Pty Ltd
**FLUID SEALING
 AND SPRAY**

INDUSTRIAL FLUID SEALING & SPRAY SOLUTIONS

SFSS Pty Ltd
 PO BOX 4171 OATLEY WEST NSW 2223
 Unit 8/22-24 Norman St Peakhurst NSW 2210
 Ph. 02 9534 7740 Fax. 02 9534 7716
 ABN 41 137 238 692
www.sealandspray.com.au

sales@sealandspray.com.au

For urgent assistance call Gary: 0431 181 256

M Series

Full Cone Spray Nozzles

DESIGN FEATURES

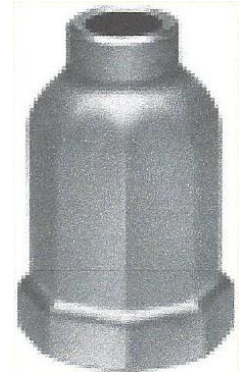
- Ultimate clog-resistant design with largest free passage available in a full cone nozzle
- Two unique S-Shaped internal vanes allow free passage of particles

SPRAY CHARACTERISTICS

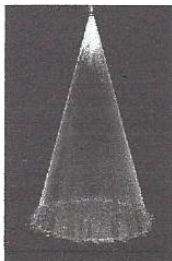
- High reliability spray performance under the most difficult conditions

Spray pattern: Full Cone

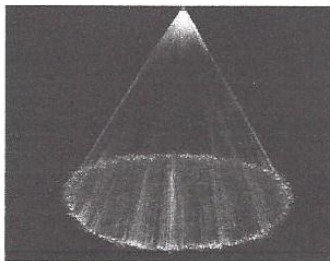
Connections in NPT or BSP



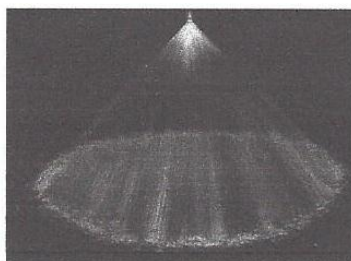
CAST



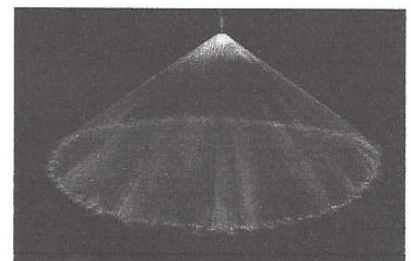
Full Cone 30°



Full Cone 60°



Full Cone 90°



Full Cone 120°

M Flow Rates and Dimensions

Full Cone, 30° 60 90 and 120°

Spray Angles, 3/8" to 4" Pipe Sizes, BSP or NPT

Male or Female Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE@ BAR								Approx. Free Passage Dia (mm)	Approx. Dimensions (mm)					Wt.* (kg) Met
			0.2 bar	0.3 bar	0.5 bar	0.7 bar	1 bar	2 bar	3 bar	5 bar		30 A	60 A	90 A	120 A	C	
3/8	M 125	5.59	2.75	3.29	4.12	4.77	5.59	7.58	9.06	11.3	3.18	76.2	38.1	38.1	22.2	0.09	
	M 156	8.87	4.37	5.22	6.54	7.58	8.87	12.0	14.4	18.0	3.97					0.09	
	M 187	12.8	6.31	7.54	9.45	11.0	12.8	17.4	20.8	26.0	4.76					0.07	
1/2	M 187	12.8	6.31	7.54	9.45	11.0	12.8	17.4	20.8	26.0	4.76	102	47.6	47.6	25.4	0.13	
	M 218	20.4	10.0	12.0	15.0	17.4	20.4	27.6	33.0	41.4	5.56					0.11	
	M 250	23.0	11.3	13.5	17.0	19.7	23.0	31.2	37.3	46.7	6.35					0.11	
3/4	M 281	28.3	13.9	16.6	20.8	24.2	28.3	38.3	45.8	57.4	7.14	102	63.5	60.3	63.5	0.23	
	M 312	34.2	16.8	20.1	25.2	29.2	34.2	46.4	55.4	69.4	7.94					0.23	
	M 343	41.7	20.6	24.6	30.8	35.7	41.7	56.6	67.7	84.7	8.73					0.20	
	M 375	49.3	24.3	29.0	36.3	42.1	49.3	66.9	79.9	100	9.53					0.20	
1	M 375	49.3	24.3	29.0	36.3	42.1	49.3	66.9	79.9	100	9.53	111	74.6	74.6	38.1	0.35	
	M 406	59.1	29.1	34.8	43.6	50.5	59.1	80.2	95.9	120	10.3					0.33	
	M 437	69.0	34.0	40.6	50.9	59.0	69.0	93.6	112	140	11.1					0.33	
1 1/4	M 437	69.0	34.0	40.6	50.9	59.0	69.0	93.6	112	140	11.1	137	85.9	85.9	50.8	0.61	
	M 500	88.7	43.7	52.2	65.4	75.8	88.7	120	144	180	12.7					0.61	
	M 531	98.6	48.5	58.0	72.7	84.2	98.6	134	160	200	13.5					0.61	
	M 562	108	53.4	63.8	79.9	92.7	108	147	176	220	14.3					0.61	
1 1/2	M 562	108	53.4	63.8	79.9	92.7	108	147	176	220	14.3	173	111	111	57.2	0.91	
	M 593	123	60.7	72.5	90.8	105	123	167	200	250	15.1					0.91	
	M 625	131	64.7	77.4	96.9	112	131	178	213	267	15.9					0.91	
	M 656	159	78.5	93.8	117	136	159	216	258	324	16.7					0.91	
	M 687	168	82.5	98.7	124	143	168	227	272	340	17.5					0.91	

Standard Materials: Brass, 316 Stainless Steel, PVC, Polypropylene, and PTFE.