

DESCRIPTION

- Produces a wide, flat spray pattern with uniform distribution.
- Low impact spray with low atomization at low pressures.
- Insensitive to blocking
- Thread: BSPT (AN) or NPT (ANX)
- Materials: brass, SS303 or SS316L. Other materials on request



TECHNICAL DATA

TYPE	Thread						ORIFICE mm	Flow rate (lpm) @ pressure (Bar)								Spray angle (°) @ pressure (Bar)		
	1/8"	1/4"	3/8"	1/2"	3/4"	1"		0.35	0.5	0.7	1	1.5	2	3	4	0.5	1.5	4
0.50	☑	-	-	-	-	-	0.66	-	-	-	0.23	0.28	0.32	0.39	0.46	-	90	120
0.75	☑	-	-	-	-	-	0.81	-	-	0.29	0.34	0.42	0.48	0.59	0.68	-	105	125
1	☑	-	-	-	-	-	0.91	-	-	0.38	0.46	0.56	0.65	0.79	0.91	-	110	130
1.5	☑	-	-	-	-	-	1.10	-	0.48	0.57	0.68	0.84	0.97	1.18	1.37	85	115	135
2	☑	-	-	-	-	-	1.20	-	0.65	0.76	0.91	1.12	1.29	1.57	1.82	90	115	135
2.5	☑	☑	-	-	-	-	1.30	-	0.81	0.95	1.14	1.40	1.61	1.96	2.28	90	115	135
3	☑	☑	-	-	-	-	1.50	0.80	0.97	1.14	1.38	1.66	1.92	2.37	2.72	95	120	135
5	☑	☑	-	-	-	-	2.00	1.33	1.61	1.92	2.28	2.79	3.21	3.94	4.42	115	130	150
7.5	☑	☑	-	-	-	-	2.40	2.01	2.40	2.84	3.39	4.36	4.91	5.92	6.70	130	140	160
10	☑	☑	-	-	-	-	2.70	2.70	3.23	3.81	4.46	5.49	6.29	7.91	9.38	135	145	160
15	☑	☑	-	-	-	-	3.30	4.16	4.99	5.67	6.70	8.24	9.64	11.80	13.80	110	125	140
18	☑	☑	-	-	-	-	3.60	5.03	5.70	6.86	8.17	9.94	11.60	14.20	16.40	130	140	160
20	☑	☑	☑	☑	-	-	3.80	5.35	6.56	7.59	8.93	11.00	13.00	15.70	18.30	130	140	160
25	-	☑	☑	☑	-	-	4.20	6.86	8.09	9.61	11.60	13.80	16.10	19.72	22.80	115	140	140
30	-	☑	☑	☑	-	-	4.60	8.00	9.70	11.40	13.80	16.60	19.00	23.70	27.20	120	130	145
35	-	☑	☑	☑	-	-	5.00	9.60	11.50	13.30	15.60	19.40	22.70	27.50	32.10	125	135	150
40	-	-	☑	☑	-	-	5.30	10.60	12.70	15.20	18.30	22.40	25.70	31.50	36.40	130	140	160
45	-	-	☑	☑	-	-	5.60	12.10	14.50	17.10	20.40	25.00	28.90	35.40	40.90	130	140	150
50	-	-	☑	☑	-	-	5.90	13.30	16.20	19.00	22.70	28.00	32.00	39.40	46.40	130	140	150
60	-	-	☑	☑	☑	-	6.50	16.00	19.20	22.90	27.20	33.60	38.70	47.30	54.60	130	140	160
70	-	-	☑	☑	☑	-	7.10	18.90	22.60	26.70	31.90	39.10	45.10	55.30	63.80	120	140	150
75	-	-	☑	☑	☑	-	7.40	20.20	24.20	28.60	34.20	41.80	48.30	59.20	68.40	130	140	150
80	-	-	☑	☑	☑	-	7.70	21.30	25.90	30.50	36.40	44.60	51.30	63.10	72.90	130	140	150
90	-	-	-	☑	☑	-	8.10	24.30	29.00	34.30	41.00	50.20	58.00	71.00	82.00	120	140	150
100	-	-	-	☑	☑	-	8.40	27.00	32.30	38.10	45.40	55.60	64.30	78.90	91.10	135	145	155
108	-	-	-	☑	☑	-	8.70	29.10	34.80	41.20	49.20	60.30	69.60	85.30	98.50	130	140	150
120	-	-	-	☑	☑	-	9.30	32.50	38.50	45.70	54.60	67.00	77.30	94.70	109.00	120	130	145
150	-	-	-	-	☑	☑	10.50	40.40	48.50	57.20	68.40	83.60	96.70	118.00	137.00	125	135	145
180	-	-	-	-	☑	☑	11.30	48.60	58.10	68.70	82.10	101.00	116.00	142.00	164.00	145	150	160
200	-	-	-	-	☑	☑	11.90	54.10	64.70	76.20	90.70	111.00	129.00	158.00	182.00	125	140	160
210	-	-	-	-	☑	☑	12.70	56.40	67.30	80.10	95.60	117.00	135.00	166.00	191.00	125	140	150
250	-	-	-	-	-	☑	13.30	66.50	79.40	94.00	112.00	138.00	159.00	195.00	225.00	130	145	160
300	-	-	-	-	-	☑	14.60	79.80	95.30	113.00	135.00	165.00	191.00	234.00	270.00	135	150	160

DIMENSIONS



Thread	MALE		
	SW	L	LG
	(mm)		
1/8"	10	26	7
1/4"	14	32	10
3/8"	17	36	10
1/2"	21	42	13
3/4"	27	50	15
1"	32	65	17

HOW TO ORDER

Thread AN type material

3/4" ANM 120 SS