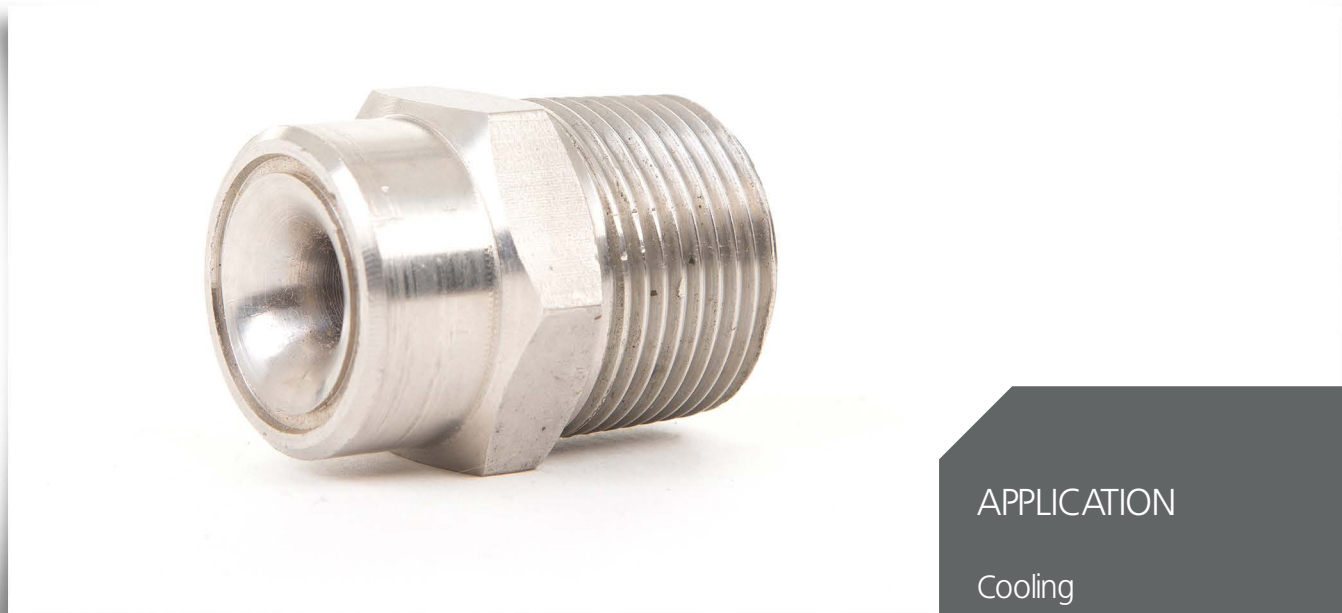


METAL FULL CONE NOZZLE



APPLICATION

- Cooling
- Rinsing
- Washing
- Food Processing
- Fire Suppression
- Gas Scrubbing, Washing and Cooling

FEATURES

- Precision engineered for quality control of flow and spray distribution
- Uniform distribution over a wide range of flow rates and pressures
- One piece nozzle body with internal swirl vane
- Hexagon body for quick and easy installation
- Wide range of spray angles
- Full cone spray pattern with round impact area

DESCRIPTION

The metal full cone nozzle produces a full cone spray pattern with uniform distribution. A fixed internal whirl plate generates the uniform coverage. The nozzle has a hex body design for easy installation. Male and Female threaded connections available.

MATERIALS AVAILABLE

- Brass
- Stainless Steel
- Other materials available on request

SPRAY ANGLES AVAILABLE

30°, 50°, 60°, 70°, 90°, 110°

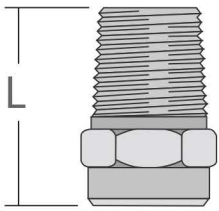
ORDERING EXAMPLE

Metal Full Cone Nozzle Stainless Steel 1 " 47-70°

Nozzle Ref	Thread Connection BSP									Approx Orifice Dia (mm)	Flow (L/min) @ Pressur (bar)							
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		0.5	1.0	2.0	3.0	4.0	5.0	7.0	10.0
0.8	✓									1.0	0.33	0.46	0.65	0.80	0.92	1.03	1.22	1.46
1.2	✓									1.2	0.49	0.69	0.98	1.20	1.39	1.55	1.83	2.19
1.6	✓									1.4	0.65	0.92	1.31	1.60	1.85	2.07	2.44	2.92
2.4	✓									1.6	0.98	1.39	1.96	2.40	2.77	3.10	3.67	4.38
3.2	✓									1.8	1.31	1.85	2.61	3.20	3.70	4.13	4.89	5.84
4.0	✓	✓								2.0	1.63	2.31	3.27	4.00	4.62	5.16	6.11	7.30
5.1		✓								2.4	2.08	2.94	4.16	5.10	5.89	6.58	7.79	9.31
6.3		✓	✓							2.6	2.57	3.64	5.14	6.30	7.27	8.13	9.62	11.50
7.5		✓	✓							2.8	3.06	4.33	6.12	7.50	8.66	9.68	11.46	13.69
9.5			✓							3.2	3.88	5.48	7.76	9.50	10.97	12.26	14.51	17.34
12.0			✓	✓						3.6	4.90	6.93	9.80	12.00	13.86	15.49	18.33	21.91
17.0			✓	✓						4.0	6.94	9.81	13.88	17.00	19.63	21.95	25.97	31.04
19.0				✓						4.8	7.76	10.97	15.51	19.00	21.94	24.53	29.02	34.69
24.0				✓	✓					5.5	9.80	13.86	19.60	24.00	27.71	30.98	36.66	43.82
30.0				✓	✓					6.4	12.25	17.32	24.49	30.00	34.64	38.73	45.83	54.77
37.0					✓	✓				7.0	15.11	21.36	30.21	37.00	42.72	47.77	56.52	67.55
47.0					✓	✓				7.9	19.19	27.14	38.38	47.00	54.27	60.68	71.79	85.81
61.0						✓				8.7	24.90	35.22	49.81	61.00	70.44	78.75	93.18	111.37
71.0						✓				9.5	28.99	40.99	57.97	71.00	81.98	91.66	108.45	129.63
91.0						✓				12.3	37.15	52.54	74.30	91.00	105.08	117.48	139.00	166.14
118.0							✓			12.5	48.17	68.13	96.35	118.00	136.25	152.34	180.25	215.44
147.0							✓			13.0	60.01	84.87	120.02	147.00	169.74	189.78	224.55	268.38
188.0								✓		14.5	76.75	108.54	153.50	188.00	217.08	242.71	287.17	343.24
235.0									✓	16.5	95.94	135.68	191.88	235.00	271.35	303.38	358.97	429.05
294.0									✓	18.5	120.02	169.74	240.05	294.00	339.48	379.55	449.09	536.77
370.0									✓	20.7	151.05	213.62	302.10	370.00	427.24	477.67	565.18	675.52

Hex

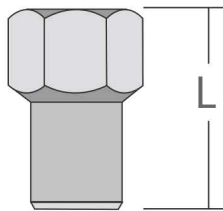
L



Male

Hex

L



Female

Male (mm)

Female (mm)

1/8"

1/4"

3/8"

1/2"

3/4"

1"

1 1/4"

1 1/2"

Pipe Size BSP	Male (mm)		Female (mm)	
	L	Hex	L	Hex
1/8"	19.5	11.0	28.0	16.0
1/4"	25.4	15.0	28.0	18.0
3/8"	28.5	18.0	39.0	21.0
1/2"	35.0	24.0	50.0	25.0
3/4"	38.0	27.0	63.0	30.0
1"	51.0	36.0	81.0	37.5
1 1/4"	74.0	41.0	87.5	48.0
1 1/2"	85.0	50.0	102.0	52.0