

FULL CONE L SERIES NOZZLE

Application

- Continuous Casting Cooling

Spray Characteristics

- Produces a full cone pattern
- Sprayed volume is evenly distributed across spray pattern
- Available with a range of spray angles

Materials and Construction

- Standard materials are Brass and Stainless Steel
- Male and female thread available
- 3/8" or 1/4" BSP / NPT threaded connections available
- Specially designed internal core ensures a good resistance to clogging

Spray Angles

- 25°, 35°, 40°, 45°, 50°, 55°, 60°, 65°, 70°, 75°, 75°, 80°, 85°, 90° and 120°



SPRAY NOZZLE FLOW RATE TABLE

Nozzle Ref	Orifice Dia. mm	Flow in litre / min @ bar					
		1.0	2.8	3.0	4.0	5.0	7.0
15L	1.0	0.9	1.5	1.6	1.8	2.0	2.4
20L	1.6	1.2	2.0	2.1	2.4	2.7	3.2
25L	1.8	1.5	2.5	2.6	3.0	3.3	4.0
30L	1.9	1.8	3.0	3.1	3.6	4.0	4.7
35L	2.0	2.1	3.5	3.6	4.2	4.7	5.5
38L	2.2	2.3	3.8	3.9	4.5	5.1	6.0
40L	2.3	2.4	4.0	4.1	4.8	5.3	6.3
45L	2.4	2.7	4.5	4.7	5.4	6.0	7.1
50L	2.6	3.0	5.0	5.2	6.0	6.7	7.9
55L	2.7	3.3	5.5	5.7	6.6	7.3	8.7
60L	2.9	3.6	6.0	6.2	7.2	8.0	9.5
70L	3.0	4.2	7.0	7.2	8.4	9.4	11.1
75L	3.5	4.5	7.5	7.8	9.0	10.0	11.9
80L	3.6	4.8	8.0	8.3	9.6	10.7	12.6
85L	3.8	5.1	8.5	8.8	10.2	11.4	13.4
90L	3.9	5.4	9.0	9.3	10.8	12.0	14.2
120L	4.0	7.2	12.0	12.4	14.3	16.0	19.0
150L	4.3	8.2	13.7	14.2	16.4	18.3	21.7

These part numbers are easy to use and identify, example:

Brass 3/8" Male 5065 = 5.0 litre/min @ 2.8 bar with a 65° angle

Stainless steel 3/8" Female 7045 = 7.0 litre/min @ 2.8 bar with a 45° angle