

# LF SERIES NOZZLE

## FULL CONE SPRAY PATTERN NOZZLE FOR STEEL APPLICATIONS



### APPLICATION

Continuous Casting  
Secondary Cooling

### FEATURES

One piece body with  
internal core  
Full cone spray pattern  
Even distribution  
Male or female connections  
3/8" BSP Threaded

### DESCRIPTION

Commonly used for billet casting or edge spraying of slabs/blooms. This full cone nozzle produces an even distribution using a secure vane design. The hexagon body allows for easy installation and removal.

### MATERIALS AVAILABLE

Brass  
Stainless Steel

### SPRAY ANGLES AVAILABLE

35 – 120 degrees

ORDERING EXAMPLE: BRASS LF4065 FEMALE

Nozzle Ref	Orifice Width (mm)	Flow in LPM @ Bar					
		1.0	2.8	3.0	4.0	5.0	7.0
LF15	1.0	0.9	1.5	1.6	1.8	2.0	2.4
LF20	1.6	1.2	2.0	2.1	2.4	2.7	3.2
LF25	1.8	1.5	2.5	2.6	3.0	3.3	4.0
LF30	1.9	1.8	3.0	3.1	3.6	4.0	4.7
LF35	2.0	2.1	3.5	3.6	4.2	4.7	5.5
LF38	2.2	2.3	3.8	3.9	4.5	5.1	6.0
LF40	2.3	2.4	4.0	4.1	4.8	5.3	6.3
LF45	2.4	2.7	4.5	4.7	5.4	6.0	7.1
LF50	2.6	3.0	5.0	5.2	6.0	6.7	7.9
LF55	2.7	3.3	5.5	5.7	6.6	7.3	8.7
LF60	2.9	3.6	6.0	6.2	7.2	8.0	9.5
LF70	3.0	4.2	7.0	7.2	8.4	9.4	11.1
LF75	3.5	4.5	7.5	7.8	9.0	10.0	11.9
LF80	3.6	4.8	8.0	8.3	9.6	10.7	12.6
LF85	3.8	5.1	8.5	8.8	10.2	11.4	13.4
LF90	3.9	5.4	9.0	9.3	10.8	12.0	14.2
LF120	4.0	7.2	12.0	12.4	14.3	16.0	19.0
LF137	4.3	8.2	13.7	14.2	16.4	18.3	21.7