

STAINLESS STEEL AIRMIST COOLING NOZZLES

AIR MIST NOZZLE WITH UNIFORM COVERAGE AND DROPLETS



DESCRIPTION

This nozzle design is available in both block and round version, both designs produce a spray pattern with highly uniform droplets. This makes the cooling process more controllable, with reduced tendency for water puddling and localised uneven cooling or thermally induced roller deflection. The flat spray pattern is thick, even with angles from 60 degree to 120 degree offering good coverage with few nozzles.

MATERIALS AVAILABLE

Stainless Steel

SPRAY ANGLES AVAILABLE

60 – 120 degree

APPLICATION

Continuous Casting
Secondary Cooling

FEATURES

- Highly uniformed distribution
- Highly uniform droplet size
- Even cooling characteristics
- Wide passages prevent blockage
- Large turn down ratio
- Fluid orifice can be removed and cleaned/replaced without removing nozzle assembly

Connection Size/Model			Tip Size/Spray Angle											Nozzle Length
Block Version		Round Version	Nozzle	Flow Rate		Spray Angle								Length (Straight)
Liquid	Air	Liquid/Air	Ref No:	USGPM	LPM	60	70	80	90	95	100	110	120	90-1000mm
3/8"	1/2"	3/8"	2	2	6.7	✓	✓	✓	✓	✓	✓	✓	✓	90-1000mm
3/8"	1/2"	3/8"	2.5	2.5	9.5	✓	✓	✓	✓	✓	✓	✓	✓	90-1000mm
3/8"	1/2"	3/8"	3	3	11.4	✓	✓	✓	✓	✓	✓	✓	✓	90-1000mm
3/8"	1/2"	3/8"	4	4	15	✓	✓	✓	✓	✓	✓	✓	✓	90-1000mm
3/8"	1/2"	3/8"	5	5	19	✓	✓	✓	✓	✓	✓	✓	✓	90-1000mm
3/8"	1/2"	3/8"	6.5	6.5	24.6	✓	✓	✓	✓	✓	✓	✓	✓	90-1000mm
3/8"	1/2"	3/8"	8	8	30.3	✓	✓	✓	✓	✓	✓	✓	✓	90-1000mm
3/8"	1/2"	3/8"	9	9	34	✓	✓	✓	✓	✓	✓	✓	✓	90-1000mm
1/2"	3/4"	1/2"	10	10	38		✓	✓	✓	✓	✓	✓	✓	150-1000mm
1/2"	3/4"	1/2"	12	12	45.5		✓	✓	✓	✓	✓	✓	✓	150-1000mm
1/2"	3/4"	1/2"	15	15	56		✓	✓	✓	✓	✓	✓	✓	150-1000mm
1/2"	3/4"	1/2"	17	17	64.4		✓	✓	✓	✓	✓	✓	✓	150-1000mm

