

ROLL COOLING NOZZLE

SELF ALIGNING ROLL COOLING NOZZLE



APPLICATION

Roll Cooling

DESCRIPTION

The roll cooling nozzle is a self-aligning nozzle assembly, this ensures the spray performance remains consistent after replacement or maintenance. In just a matter of seconds, nozzle tips can be changed. Simply loosen the retaining cap, replace the nozzle tip and replace the cap to secure.

The spray pattern is offset by 15 degrees from the dovetail axis to ensure trouble free performance. Nozzle bodies are welded to the spray headers and as the complete unit is Stainless Steel, this nozzle type is ideal for high temperature applications.

MATERIALS AVAILABLE

Brass
Stainless Steel

SPRAY ANGLES AVAILABLE

15° to 110°

ORDERING EXAMPLE

Roll Cooling Nozzle 10-65 Stainless Steel

FEATURES

- Produces a uniform, flat spray without hard edges
- Tapered edges of pattern allow overlapping for even distribution
- Orifice is offset 15 degree to axis of dovetail
- Dovetail connection for consistent alignment

Nozzle Number	Equiv Orifice Dia. (mm)	Flow rate in litres/min at Bar. G								
		0.7	1.0	2.0	3.0	5	7	10	15	20
10	2.0	1.92	2.28	3.22	3.93	5.1	6.0	7.2	8.84	10.2
12.5	2.2	2.30	2.90	4.00	4.97	6.5	7.55	9.15	11.15	12.8
15	2.4	2.84	3.44	4.92	6.16	7.9	9.2	10.7	13.20	15.2
20	2.8	3.80	4.47	6.26	8.05	10.2	12.4	14.7	17.70	20.4
25	3.1	4.60	5.80	8.00	9.94	13.0	15.1	18.3	22.30	25.5
30	3.6	6.00	6.70	9.80	11.84	15.3	17.9	21.4	26.50	30.4
40	4.0	7.80	9.40	13.00	15.62	20.8	24.3	28.6	35.40	41.1
50	4.4	9.60	11.60	16.10	19.89	25.4	30.2	36.2	44.10	51.0
60	4.8	11.40	13.90	19.20	23.67	30.5	36.2	43.4	52.90	61.2
70	5.2	13.30	16.10	22.80	27.46	36.1	42.6	50.5	61.80	71.5
80	5.6	15.10	18.80	25.50	31.72	41.2	48.1	57.2	70.60	81.3
100	6.4	19.20	22.80	31.70	39.30	50.9	60.5	72.4	88.40	102
120	7.1	22.90	27.30	38.90	47.40	61.1	72.4	86.3	106	122
150	7.5	28.80	34.40	48.30	59.19	76.8	90.2	108	132	153
200	8.8	38.00	48.70	64.40	79.07	102	120	144	175	204

