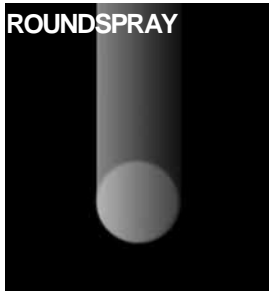




# LAVAL-AIR-JET-NOZZLE

The Laval-air-jet-nozzle achieves compact air jet with a high energy-volume. It is used in production or control processes in which the use of targeted air streams is needed. Employing cooled or heated air, the bundled air jet can precisely control, cool, clean or warm workpieces, materials or surfaces.



## POSSIBLE APPLICATIONS

- cleaning of conveyor belts
- sorting facility
- Cooling of parts
- Cleaning systems

## AVAILABLE IN THE FOLLOWING MATERIALS

### Stainless Steel

1.4305 (X8 CrNiS 18-9)

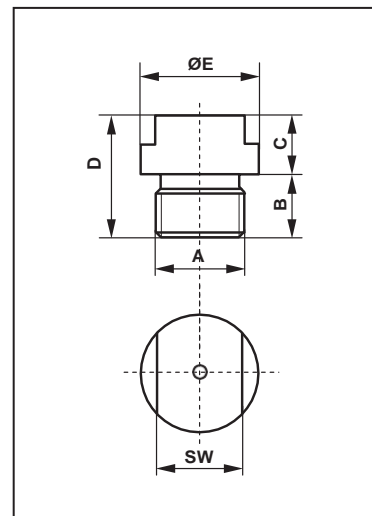
### non-ferrous metal

brass

other materials on request.

## DIMENSIONS

type	A	B	C	D	ØE	SW
		mm	mm	mm	mm	mm
FESLL01	R1/8"	8	11	19	13	8
FESLL02	R1/4"	9	8	17	17	13





# LAVAL-AIR-JET-NOZZLE

## CAPACITY CHART OF LAVAL-AIR-JET-NOZZLE

capacities in Nm<sup>3</sup>/h by following pressures

type	thread	1 bar	2 bar	3 bar	4 bar (test pressure)	5 bar	6 bar	7 bar
FESLL 01	R 1/8"	0.36	0.52	0.70	0.84	1.04	1.19	1.34
		0.44	0.67	0.90	1.12	1.34	1.55	1.76
		0.64	0.91	1.25	1.57	1.83	2.18	2.53
		0.92	1.43	1.85	2.29	2.74	3.23	3.66
		1.42	2.05	2.70	3.30	4.00	4.60	5.30
		2.05	3.10	4.20	5.00	6.40	7.40	8.50
		2.73	4.04	5.26	6.80	8.10	9.70	11.20
FESLL 02	R 1/4"	0.36	0.52	0.70	0.84	1.04	1.19	1.34
		0.44	0.67	0.90	1.12	1.34	1.55	1.76
		0.64	0.91	1.25	1.57	1.83	2.18	2.53
		0.92	1.43	1.85	2.29	2.74	3.23	3.66
		1.42	2.05	2.70	3.30	4.00	4.60	5.30
		2.05	3.10	4.20	5.00	6.40	7.40	8.50
		2.73	4.04	5.26	6.80	8.10	9.70	11.20
		3.77	5.87	7.78	9.83	12.00	13.90	15.90
		5.50	8.30	11.00	13.80	16.25	19.50	22.30

other capacities on request.

## FOR ORDERING WE NEED FOLLOWING INFORMATION

### Field of application

medium to spray (viscosity)  
 fitting position / spray distance nozzle – spray area  
 temperature range  
 frequency range

### Nozzle specification

type of material  
 desired spray angle  
 nozzle type  
 connection thread  
 desired capacity (l/min, l/h)  
 operating pressure (bar)

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