



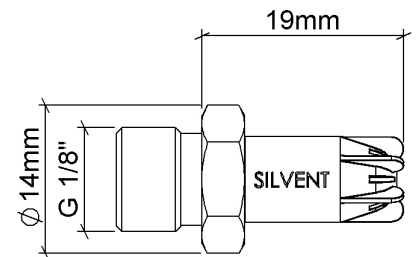
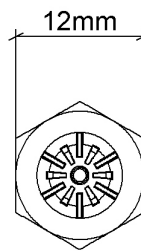
AIR NOZZLE SILVENT 1011

Item number: 10110169029, 10110269029

SILVENT 1011: stainless steel Laval nozzle with 1/8" male thread. The Laval hole in the center creates a concentrated, supersonic jet of air. Surrounding the hole there are a number of diverging slots that generate a powerful, quiet and laminar air stream. This combination utilizes compressed air optimally. Halves the noise level and reduces air consumption dramatically, while maintaining the force of "open pipe blowing". The nozzle and the surrounding fins prevent dead end static pressure from exceeding 210 kPa (30 psi).

Technical data

Replace open pipe Ø (mm)	5
Blowing force (N)	4.4
Air consumption (Nm ³ /h)	26
Sound level (dB(A))	84
Nozzle technology	Laval
Material (nozzle)	1.4542 (630)
Connection	G 1/8"
Connection type	Male
Weight (kg)	0.0080
Max temp (°C)	400
Max op. pressure (MPa)	1.0



Benefits when replacing an open pipe

Replace open pipe Ø (mm)	5	
Noise reduction	15 [dB(A)]	65%
Energy savings	21 [Nm ³ /h]	45%

Material specification: EN 1.4542, EN 1.4305

Blowing properties at different pressures

Pressure (kPa)	200	400	600	800	1000
Blowing force (N)	1.9	3.6	5.3	6.9	8.5
Air consumption (Nm ³ /h)	13.0	22.1	30.9	40.0	48.3
Sound level (dB(A))	74.0	81.2	85.5	88.6	90.7

Blowing coverage

Blowing dist. (mm)	Blowing coverage (mm)
50	24
100	38
200	80
300	114
400	156
500	194