

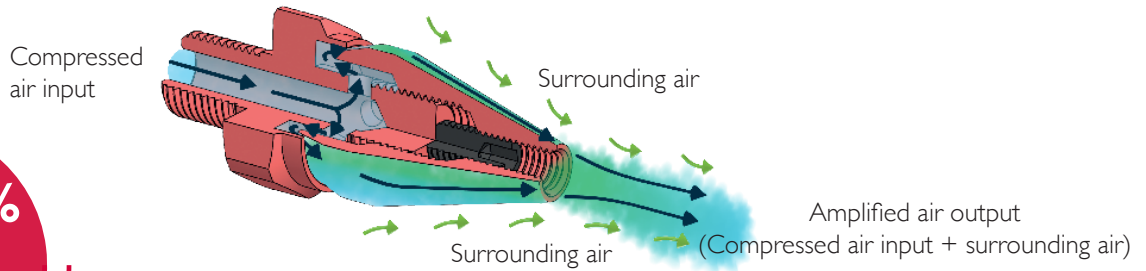
BS I 4

TECHNICAL SHEET

AIR NOZZLES WITH INDIRECT ROUND AIRSTREAM



OPERATING PRINCIPAL



Economical

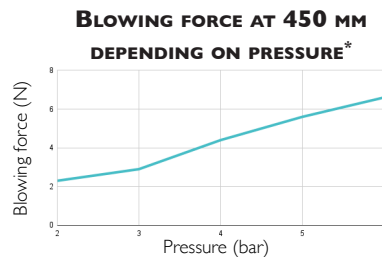
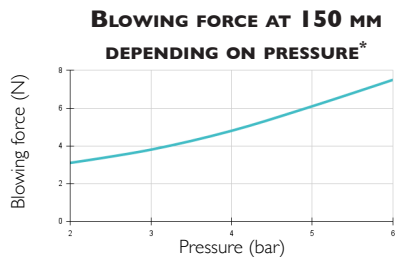
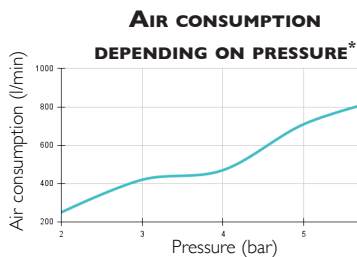
UP TO **79%** SAVINGS IN AIR CONSUMPTION

TECHNICAL INFORMATION*

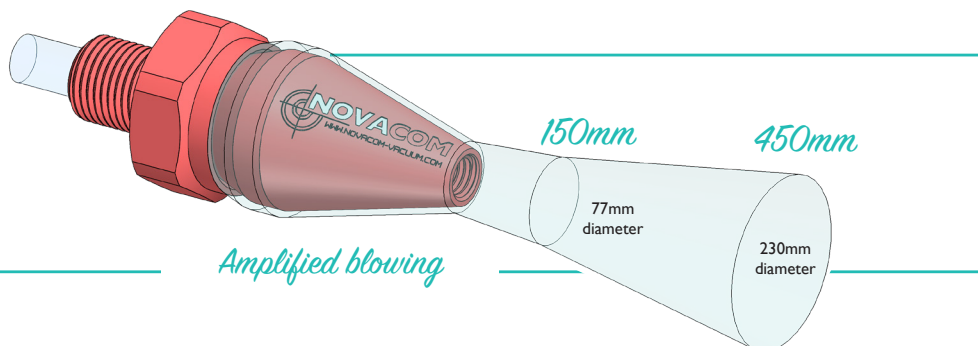
BENEFITS OF USING A BS I 4 AIR NOZZLE* (Compared to an open pipe)		Reduction in air consumption (%)		Noise reduction (%)		
		Up to 79%		Up to 31%		
BLOWING PERFORMANCE BS I 4 NOZZLE*	Pressure (bar)	Air consumption (l/min)	Blowing force (N)		Noise level (dB)	Amplified air (l/min)
	2	250	at 150mm	at 450mm	76	2200
	6	840	3,1	2,3	90	4070
VS OPEN PIPE Ø5,5*		Pressure (bar)	Air consumption (l/min)		Noise level (dB)	Amplified air (l/min)
		6	1200		110	1200

BS I 4 NOZZLE FEATURES

- **Connection** : Male G1/4" • **Weight** : Aluminium : 19g / 316L Stainless steel : 50g
- **Max. operating temperature** : Aluminium : 150°C / 316L Stainless steel : 450°C • **Max pressure** : 10 bars



G 1/4" air input



* **NOTE:** The measurements in this data sheet have been obtained in a laboratory under strict control. The varying conditions of a real industrial environment and the instability of pressure from an industrial compressor can create different values than the ones obtained in a laboratory. Those data are provided for information purposes only.

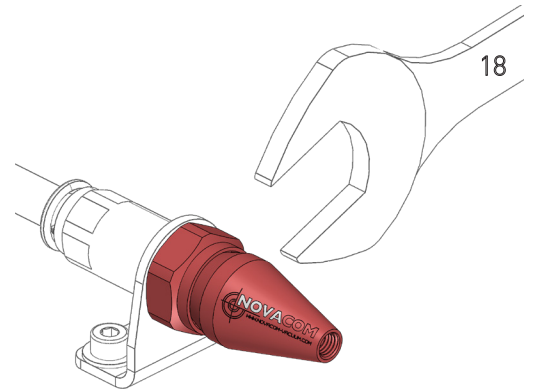
To achieve the best performance from the air nozzle, we recommend using a compressed air supply tube with a minimum 5.5 mm inside diameter.

ADJUSTMENT OF THE AIRFLOW

Warning: If the nozzle is too loosened (REP 2), the airflow will be inefficient.

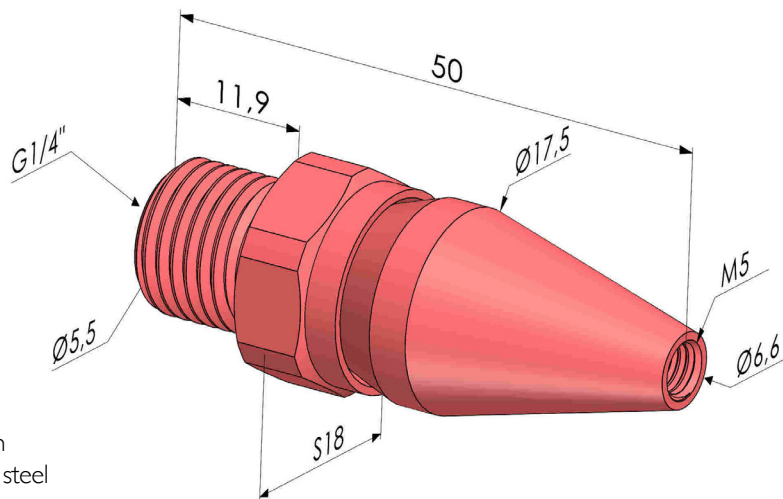
STEPS

- A** Unscrew the M5 screw (REP 3) with a 2.5mm hex wrench.
- B** Turn the nozzle anticlockwise (REP 2) with a maximum of 4 turns. The advised minimum adjustment is 1 turn. Once the airflow is adapted to your requirements, screw back in the M5 screw (REP 3).



- 1 Body
- 2 Nozzle
- 3 M5 screw

DIMENSIONS



BS 14 ■ Anodized aluminium
BS 14 ACI ■ 316L Stainless steel

Values are given in millimeters.