

# BS F14

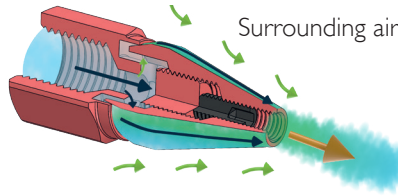
## TECHNICAL SHEET

### AIR NOZZLES WITH INDIRECT ROUND AIRSTREAM



#### OPERATING PRINCIPAL

Compressed air input



Surrounding air

Amplified air output  
(Compressed air input + surrounding air)

Economical

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

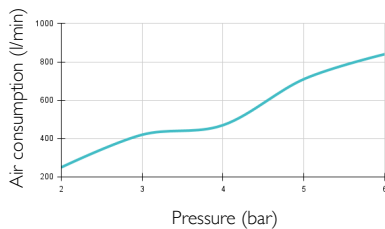
#### TECHNICAL INFORMATION\*

BENEFITS OF USING A BS F14 AIR NOZZLE* (Compared to an open pipe)		Reduction of air consumption (%)		Noise reduction (%)		
		Up to <b>79%</b>		Up to <b>31%</b>		
BLOWING PERFORMANCE BS F14 NOZZLE*	Pressure (bar)	Air consumption (l/min)	Blowing force (N)		Noise level (dB)	Amplified air (l/min)
			at 150mm	at 450mm		
	2	250	3,1	2,3	76	2200
	6	840	7,5	6,6	90	4070
VS	OPEN PIPE Ø5,5*				Noise level (dB)	Amplified blowing (l/min)
	6	1200			110	1200

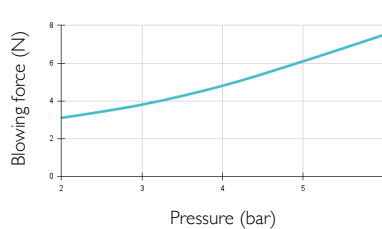
#### BS F14 NOZZLE FEATURES

- Connection : Female G1/4" • Weight : Aluminium : 16g
- Max. operating temperature : Aluminium : 150°C • Max pressure : 10 bars

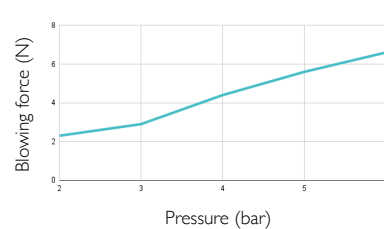
AIR CONSUMPTION DEPENDING ON PRESSURE\*



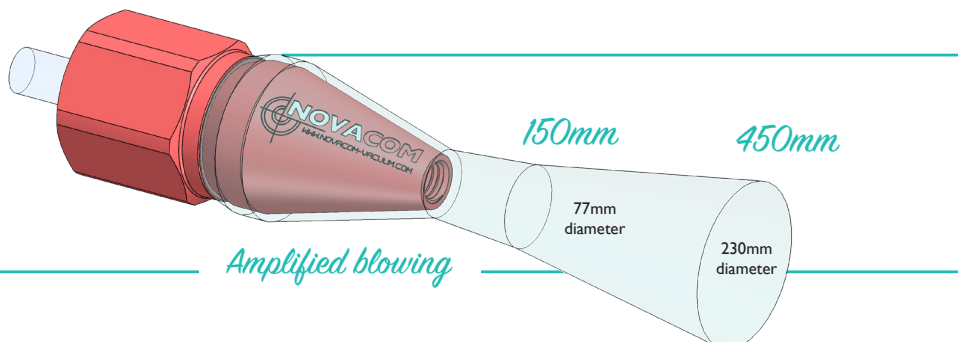
BLOWING FORCE AT 150 MM DEPENDING ON PRESSURE\*



BLOWING FORCE AT 450 MM DEPENDING ON PRESSURE\*



G 1/4" air input



Amplified blowing

\* 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.

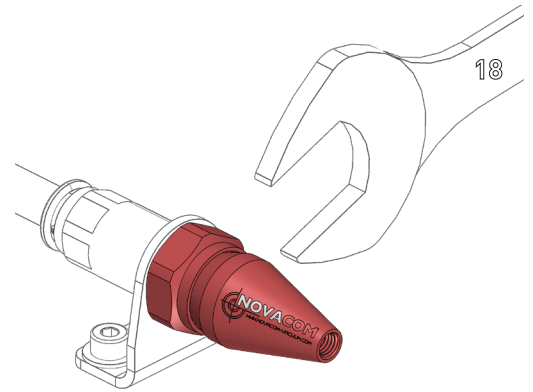
To achieve the best performance from the air nozzle, we recommend using a compressed air supply tube with a minimum 5.5 mm inside diameter.

## ADJUSTMENT OF THE AIRFLOW

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

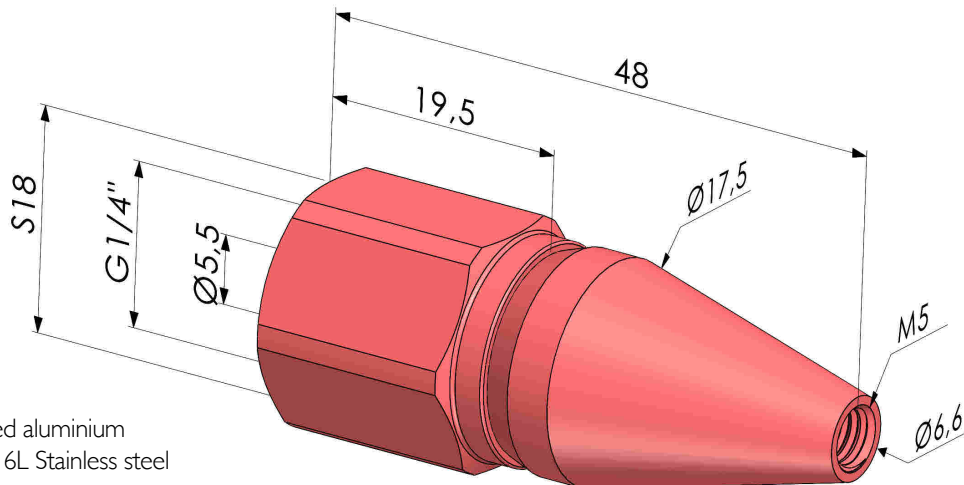
### STEPS

- 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 F14** ■ Anodized aluminium  
**BS F14 ACI** ■ 316L Stainless steel

Values are given in millimeters.