Flow nozzles

Series U

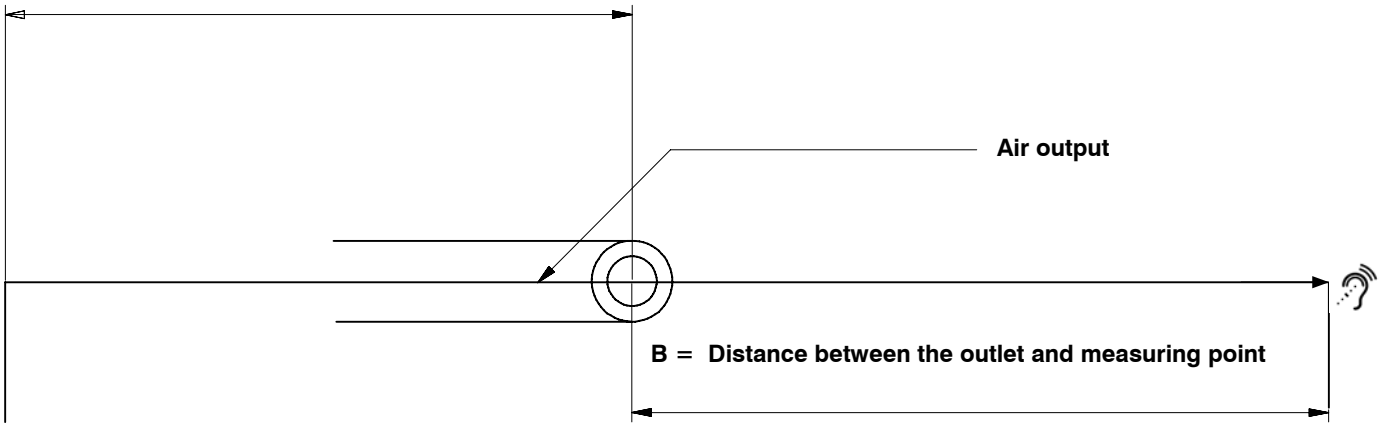
The multi-channels flow nozzles, flat (Titan-Jet) and circular (in aluminium and plastic), are produced in Italy according to the reference ISO norms.

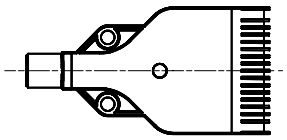
Technical sheet

FLUIDS		Liquids and gases, compressed air (for information contact our Technical Dept.)
APPLICATIONS		Cleaning and fluid cooling systems, noise abatement, uses as air curtains, irrigation systems
SUGGESTED TUBES		Normally not applied directly to pipes, however defined according to the applications.
TEMPERATURE AND PRESSURE		In pneumatic applications they follow the requirements of other similar components,, stesso materiale, quali la raccorderia. . In the POM versions indeformability is guaranteed up to +90°C while impact resistance down to -40°C
THREAD TYPE		BSPP 1/4 pipe thread
MATERIALS	**Flat body**	ABS-GP40 norme ASTM/IEC/UL
	Round body	POM shockproof
	Round model (AL)	Alluminium

Noise level test

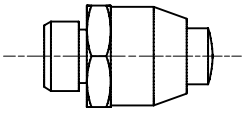
A = Distance between the air inlet and outlet point





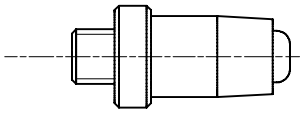
Multi channels flat nozzle	
Input pressure (Bar)	Max peak (dB)
2	61
4	66
6	71
8	75

A = 270 mm
B = 400 mm



Aluminium round nozzle	
Input pressure (Bar)	Max peak (dB)
2	65
4	69
6	75
8	79

A = 200 mm
B = 400 mm



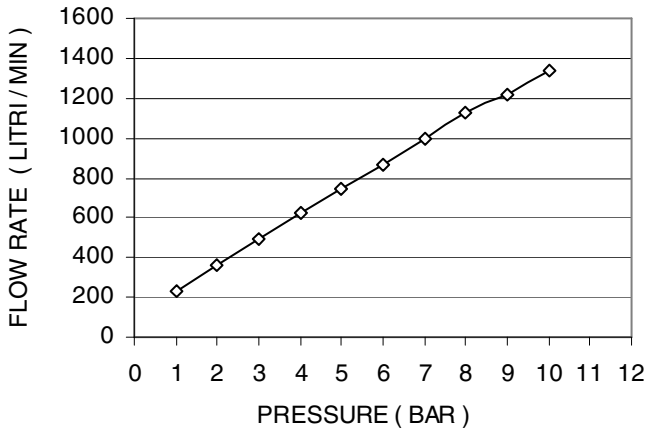
Plastic round nozzle	
Input pressure (Bar)	Max peak (dB)
2	65
4	69
6	75
8	79

A = 240 mm
B = 400 mm

Technical sheet

General test conditions:

Fluid: Filtered air - Temperature: 20 ° C - Pressure: 1 ... 10 bar

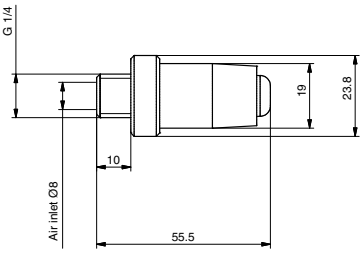


Pressure (bar)	Flow rate (l/min)
1	228
2	360
3	490
4	620
5	740
6	870
7	1000
8	1130
9	1220
10	1340

ART. **83892600**

Circular multi-channel nozzle ABS

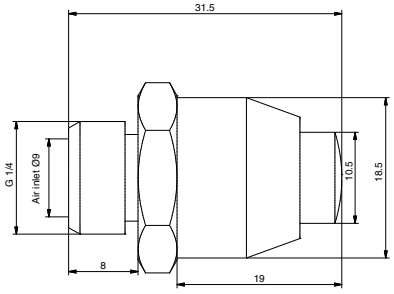
Circular multi-channel nozzle POM.
This model combines the undisputed advantages of the flat jet nozzle with a broader range of application and is ideal for stationary tasks. Note: the blowing force was measured 50 mm in front of the nozzle. The sound levels were measured in compliance with DIN 45635. When installing the multi-channel nozzles, the full thread length should be used.
Dimensions:
55 x 23 x 10
(length x ext. diam. x thread length)
Tube connection:
R1/4" (external thread on air inlet)
Characteristics:
Impact-resistant down to –40°C
Dimensional stability up to +90°C
Resistant to fuels, mineral oils, lubrificants and commonly used solvents.
Cod. 838.926



ART. **923702**

Circular multi-channel nozzle AL

Circular multi-channel nozzle in alluminum.
Recommended for particularly harsh operating conditions, such as high temperatures (foundries, etc.)
Principle application: blow guns.
Note: the blowing force was measured 50 mm in front of the nozzle. The sound levels were measured in compliance with DIN 45635.
Dimensions:
31,5 x 18,5 x 8
(length x ext. diam. x thread length)
Tube connection:
R1/4" (external thread on air inlet)
Cod.923.702



ART. 06952300T

Multi-channel flat jet nozzle

Titan jet

Dimensions:
90 x 47 x 14.5
(length x width x height)
Tube connection:
R1/4" (external thread on air inlet)
Characteristics:
Impact-resistant down to-40°C
Dimensional stability up to +90°C
Resistant to fuels, mineral oils, lubrificants and commonly used solvents.
Form of delivery:
Multi-channel flat jet nozzle
Concentrated blowing power:
The parallel arrangement of the component air streams gives an optinum blow-out width for work piece conveyance. Even the smallest finisched parts, e.g. on lathes, can be accurately and efficiently blown out. The new design enables the interchangeability with the main models available on the market and grant a larger blow-out line.