

# AIR-OIL MIXING NOZZLE SERIES 09



The air-oil mixing nozzle can be used in different applications in direct or indirect lubrication, for example:

- for cooling chip removal tools, such as hard metal milling tools, high-speed bits, blades, and saws for cutting ferrous and non-ferrous metals;
- during cold pressing, drilling and drawing
- for lubricating moving parts.



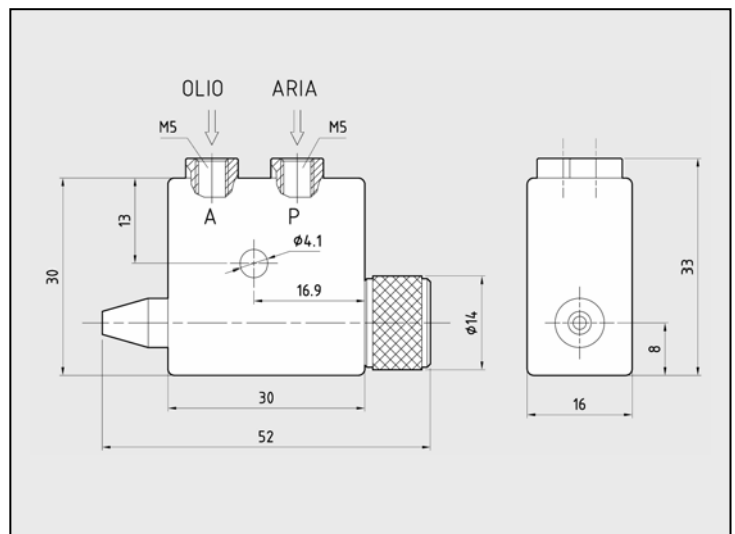
## DIMENSIONS AND OPERATION

The reservoir pipe is inserted in hole A and the compressed air pipe in hole P.

The atomizer, which is based on the Venturi principle, is activated by short, continuous pulses. The fluids are sucked up by the air speed and atomized.

The amount of fluid can be regulated by means of a pin.

Oil inlet (A) has a check valve that provides the seal to prevent the reservoir from emptying when not in use.



## TECHNICAL DATA

		Z52091009000
Pressure range	bar	2-10
Maximum oil Consumption with air at 6 bar	NI/min	30
Working temperature range		-10° to +70
Fluid		Filtered lubricated or unlubricated air If lubricated air is used, lubrication must be continuous