

# Data sheet

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## Adjustable air saving nozzle, G 1/4"(AG), 1.4436

### Item number:

LSD 14 ES



Example illustration

## Item description

### Function:

The air escapes through a small adjustable circular slot almost at the speed of sound. The surrounding air also gets drawn generating an air jet that consists of almost 25 times the initial volume of air. Sound level and air consumption are however much lower when compared to the nozzles of the same capacity working on the Venturi-principle. Depending on the application, the circular slot can be adjusted continuously from the closed state up to 0,25 mm. The construction does not allow the air jet to be blocked owing to the risk of injury that this could lead to.

### Suitable:

Air saving nozzles are used where with a minimal compressed air consumption large air quantities to blow-off are needed with the minimum sound level. Great for use for cooling or ejection of parts as well as for use as a simple blow gun. They can be used universally as single nozzles, or in multiple nozzle installations for conveyors or transfer lines. Their low air consumption means that in nearly every operating case up to 70% energy cost reductions can be achieved, the investment therefore pays for itself in a short time.

### Application examples:

- ejection of parts from injection moulding machines,
- removal of chippings, cutting residue or sanding dust,
- cleaning of parts before painting,
- cooling and cleaning of cast parts,
- cooling and cleaning of conveyor belts and the parts upon it

### Advantages:

- low air consumption - energy saving (up to 70% cost savings),
- low purchase and operating costs,
- maintenance free,
- no moving parts - no wearing,
- low sound level,
- air jet cannot be blocked (occupational protection),
- universally adjustable air jet

### Warning:

**Use for screwing into the BLP 14: RN M12x1.25-14 MS / RN M12x1.25-18 MS.**

## Properties

<b>Material</b>	1.4436
<b>Thread external</b>	G 1/4"

**Further information:**

<b>Weight</b>	42 g / Pcs
<b>GTIN</b>	4050571468477
<b>Customs duty number</b>	84249020
<b>RoHS compliant</b>	Yes