



# Air-injector flat spray compact nozzles IDK 90

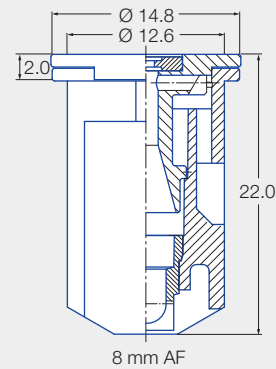
Very low-drift, compact air-injector flat spray nozzle.

### Advantages

- 99/95/90/75/50 % drift reduction depending on nozzle size, pressure and country
- Most compact low-drift air injector flat spray nozzle
- Only 7 mm longer than TR hollow cone nozzle
- Large clog-resistant cross-sections
- Soiling on dosing orifice can be simply wiped off
- Breakage-resistant nozzle housing with beveled edges and reinforced walls



- G 1834
- G 1835
- G 1886
- G 1941



**IDK 90-01 C**  
75 % drift reduction according to MABO dosage model

Crop production



**Nozzle size**  
0067 – 03



**Spray angle**  
90°



**Material**  
Ceramic



**Pressure range**  
2 – 8 – 15 – 20 bar



**Recommended filters**  
60 M 0067 – 03



**Droplet size**  
Very coarse – medium



**Width across flats**  
8 mm

### Application areas



Plant protection products and growth regulators



Plant protection in viticulture, orchard and speciality crops



Sensor technique



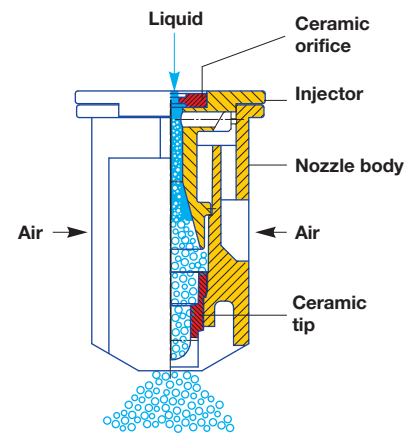
Vertical linkage



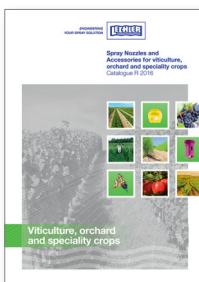
Spray frame






Removable injector



More detailed information is available in Lechler brochure for viticulture, orchard and speciality crops as well as [www.lechler-agri.com](http://www.lechler-agri.com)



# Spray table for air-injector flat spray compact nozzles IDK 90

|   |   | l/min |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---|---|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|   |   | 2.0   | 3.0  | 4.0  | 5.0  | 6.0  | 7.0  | 8.0  | 9.0  | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 19.0 | 20.0 |
|  |  |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|  |   |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>IDK 90-0067</b>  | 60 M  | 0.22  | 0.27 | 0.31 | 0.35 | 0.38 | 0.41 | 0.44 | 0.47 | 0.49 | 0.52 | 0.54 | 0.56 | 0.58 | 0.60 | 0.62 | 0.64 | 0.68 | 0.70 |
| <b>IDK 90-01</b>  | 60 M  | 0.32  | 0.39 | 0.45 | 0.51 | 0.55 | 0.60 | 0.64 | 0.68 | 0.72 | 0.75 | 0.78 | 0.72 | 0.85 | 0.88 | 0.91 | 0.93 | 0.99 | 1.01 |
| <b>IDK 90-015</b>   | 60 M  | 0.48  | 0.59 | 0.68 | 0.76 | 0.83 | 0.90 | 0.96 | 1.02 | 1.07 | 1.13 | 1.18 | 1.22 | 1.27 | 1.31 | 1.36 | 1.40 | 1.48 | 1.52 |
| <b>IDK 90-02</b>  | 60 M  | 0.65  | 0.80 | 0.92 | 1.03 | 1.13 | 1.22 | 1.30 | 1.38 | 1.45 | 1.53 | 1.60 | 1.67 | 1.73 | 1.79 | 1.85 | 1.90 | 2.01 | 2.07 |
| <b>IDK 90-025</b>   | 60 M  | 0.81  | 0.99 | 1.15 | 1.28 | 1.40 | 1.52 | 1.62 | 1.71 | 1.81 | 1.90 | 1.98 | 2.06 | 2.14 | 2.21 | 2.29 | 2.36 | 2.49 | 2.56 |
| <b>IDK 90-03</b>  | 60 M  | 0.97  | 1.19 | 1.37 | 1.53 | 1.68 | 1.81 | 1.94 | 2.06 | 2.17 | 2.28 | 2.38 | 2.48 | 2.57 | 2.66 | 2.75 | 2.83 | 2.99 | 3.07 |

## Example of ordering

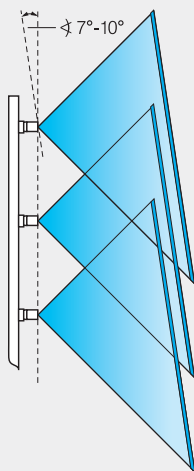
Type + spray angle + int'l nozzle size + material = order number  
 IDK 90° 02 C (Ceramic) = IDK 90-02 C

## Installation instructions

Adjust the nozzles to a spray-plane offset of 7° to 10°. Use a 8-mm fork wrench to make the adjustments.

For optimal assembly and fitting of nozzles use:

- with cup-strainer, gasket 3.0 mm (order no. 065.240.73.01)
- without cup-strainer, gasket 5.0 mm (order no. 095.015.6C.07.10)



Drift reduction:  
99/95/90/75/50 %



Current list under

[www.lechler-agri.com](http://www.lechler-agri.com)

- The stated liter-per-hectare rates apply to water
- Prior to each spraying season, verify the table data by gauging the flow rates
- Spray pressure at the nozzle tip (gauged with a diaphragm valve)

**NEW**

Online nozzle calculator



Apple



Android