Air-injector flat spray compact nozzles IDK/IDKN

Very low-drift, compact air-injector flat spray nozzle with wide droplet spectrum (from ultra coarse to medium).

Advantages
- Up to 90% drift reduction depending on nozzle size, pressure and country
- Very low drift and loss-reducing in the pressure range up to 3.0 bar (depending on size)
- Inexpensive alternative to conventional standard nozzles
- Very good deposition structure and crop penetration

Nozzle size
- 01 – 10

Spray angle
- 90°, 120°

Material
- POM, ceramic

Pressure range
- IDK-01 to -03: 1.5 – 3 – 6 bar
- IDK-04 to -10: 1 – 1.5 – 3 – 6 bar
- UAN
  - IDK-01 to -03: 1.5 – 2.5 bar
  - IDK-04 to -10: 1 – 2.5 bar
- IDKN: 1 – 2.5 bar

Recommended filters
- 80 M 01
- 60 M 015 – 04
- 25 M 05 – 10

Droplet size
- Ultra coarse – medium

Width across flats
- 8 mm

Application areas
- Plant protection products and growth regulators
- Liquid fertilizer
- Spray frame
- Border application can be combined with border nozzle IDKS 80
- Golf course
- Knapsack sprayer
- Greenhouse

Example of ordering
<table>
<thead>
<tr>
<th>Typ</th>
<th>Spray angle</th>
<th>int’l nozzle size</th>
<th>material</th>
<th>= ordering no.</th>
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<tbody>
<tr>
<td>IDK</td>
<td>120°</td>
<td>01</td>
<td>(POM)</td>
<td>= IDK 120-01</td>
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<tr>
<td>IDK</td>
<td>120°</td>
<td>01</td>
<td>C (ceramic)</td>
<td>= IDK 120-01 C</td>
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<td>MultiCap IDK</td>
<td>120°</td>
<td>01</td>
<td>(POM)</td>
<td>= MultiCap IDK 120-01</td>
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Dimensions in mm.
Spray table for air-injector flat spray compact nozzles IDK/IDKN

<table>
<thead>
<tr>
<th>ISO 25358</th>
<th>IDK/IDKN</th>
<th>IDK-01</th>
<th>IDK-015</th>
<th>IDK-02</th>
<th>IDK-025</th>
<th>IDK-03</th>
<th>IDK-035</th>
<th>IDK-04</th>
<th>IDK-045</th>
<th>IDK-05</th>
<th>IDK-055</th>
<th>IDK-06</th>
<th>IDK-065</th>
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<td>l/min</td>
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IDK 120-01
90-01 (60 M)

IDK 120-015
90-015 (60 M)

IDK 120-02
90-02 (60 M)

IDK 120-025
90-025 (60 M)

IDK 120-03
90-03 (60 M)

IDK 120-035
90-035 (60 M)

IDK 120-04
90-04 (60 M)

IDK 120-045
90-045 (60 M)

IDK 120-05
90-05 (60 M)

IDK 120-055
90-055 (60 M)

IDK 120-06
90-06 (60 M)

IDK 120-065
90-065 (60 M)

IDK 120-08
90-08 (60 M)

IDK 120-10
90-10 (60 M)

New measuring system!
Further information see page 13.

Classifications are subject to change.

- Spray pressure at the nozzle tip (gauged with a diaphragm valve)
- The stated litre-per-hectare rates apply to water
- Prior to each spraying season, verify the table data by gauging the flow rates
- Make sure that all nozzles have the same settings

ISO 25358
Droplet size classification

Spray table for air-injector flat spray compact nozzles IDK/IDKN

Online nozzle calculator

Best Protection of IDK/IDKN/IDKTS/IDKT nozzles through long side walls of MultiCap (see page 108).

Available assembled with IDK-, IDKT- and IDKN nozzle

Online nozzle calculator

Apple

Android

IDK, IDKT, and IDKN nozzle