Asymmetrical twin flat spray air-injector nozzles IDTA

Extremely low-drift, air-aspirating air injector twin flat spray nozzle for optimized deposition and reduced spray shadow at higher driving speeds.

Advantages
- High drift reduction over entire pressure range
- Nozzle in cap with MULTIJET bayonet system (incl. gasket)
- Twin flat spray jet 30°/50° with asymmetrical spray angles and flow rates
  - 90°/120° gives on the target area the same spray width
  - Finer droplet spectrum to the front in driving direction for optimum wetting
  - Coarser, more drift-resistant droplet spectrum to the rear
- Optimum user protection thanks to removal/installation of the injector with protective gloves without tools (Patent)
- JKI approval for mixed equipment with ID3 nozzles with the same nozzle size in the boom center section

Application areas
- Plant protection products and growth regulators
- Border application can be combined with border nozzle IS 80
- Golf course

Nozzle size
- 02 – 08

Spray angle
- front 120° / back 90°

Material
- Ceramic

Pressure range
- 1 – 4 – 8 bar

Recommended filters
- 80 M 02
- 60 M 025 – 08

Droplet size
- Ultra coarse – coarse

Dimensions in mm.
### Spray table for asymmetrical twin flat spray air-injector nozzles IDTA

#### ISO 25358

<table>
<thead>
<tr>
<th>Type</th>
<th>Spray Pressure</th>
<th>Droplet Size Classification</th>
<th>Example of Ordering</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDTA 120-02 (60 M)</td>
<td>5.0</td>
<td>Very coarse (VC)</td>
<td>IDTA 120-025 C</td>
</tr>
<tr>
<td>IDTA 120-025 (60 M)</td>
<td>5.0</td>
<td>Extremely coarse (EC)</td>
<td></td>
</tr>
<tr>
<td>IDTA 120-03 (60 M)</td>
<td>5.0</td>
<td>Ultra coarse (UC)</td>
<td></td>
</tr>
<tr>
<td>IDTA 120-04 (60 M)</td>
<td>5.0</td>
<td>Very fine (VF)</td>
<td></td>
</tr>
<tr>
<td>IDTA 120-05 (60 M)</td>
<td>5.0</td>
<td>Fine (F)</td>
<td></td>
</tr>
<tr>
<td>IDTA 120-06 (60 M)</td>
<td>5.0</td>
<td>Medium (M)</td>
<td></td>
</tr>
<tr>
<td>IDTA 120-08 (60 M)</td>
<td>5.0</td>
<td>Coarse (C)</td>
<td></td>
</tr>
</tbody>
</table>

#### Drop size classifications

- VF: Very fine
- F: Fine
- M: Medium
- C: Coarse
- VC: Very coarse
- XC: Extremely coarse
- UC: Ultra coarse

**Classifications are subject to change.**

- **Spray pressure at the nozzle tip** (gauged with a diaphragm valve)
- **The stated liter-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**

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### New measuring system!

*Further information see page 13.*

**Online nozzle calculator**

- [Apple](#)
- [Android](#)

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**For further intermediate adapter for other bayonet systems please see page 109.**