### NOZZLES

**FULL**

![Typical applications](Image)

**Cooling**
**Pre-treatment for coating and coal plants.**

**Other applications**
- Gas cooling
- Tank cooling
- Dust control: Remove dust flying in mining and coal plants.
- Other applications: Spray of chemicals
- Fire engineering

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**VANELESS – OFF LINE**

AT series nozzles are full cone nozzles producing a high and strong rotation of the liquid. There's no vane inside the whirl chamber which has free internal passages and for this reason these nozzles are less prone to clogging. Moreover, a specially designed tip placed at the bottom of these nozzles increases their atomizing effect. The design of AT nozzles allows a uniform spray distribution and increases their operating life by 20%.

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**Thread specification**

- BSPT
- NPT (optional)

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**Spray section**

**Convex distribution**

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#### AT (FULL CONE NOZZLES / TANGENTIAL)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Nozzle type</th>
<th>Material</th>
<th>Capacity at different pressure values (l/min)</th>
<th>H (mm)</th>
<th>L (mm)</th>
<th>WS (mm)</th>
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<tbody>
<tr>
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<td>ATQ 1230 xx</td>
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<td>B1 - AISI 303 Stainless steel</td>
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</table>

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**HOW TO MAKE UP THE NOZZLE CODE**

EX.: ATQ 1230 B1

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**Full cone nozzles**

- **Spray angle:** Q - 60°
- **Nozzle type:** U - 90°
- **Material:** W - 120°