Wear-resistant Large Capacity Hollow Cone Spray Nozzles

**TAA series**

- **Raw material process**
  - Gas absorption in flue gas desulfurization
- **Iron making process**
  - Recycled water spraying in water granulation process (spraying in cooling tower)

**TAA series available range**

<table>
<thead>
<tr>
<th>Flange connection size (inches)</th>
<th>at pressure of 0.07 MPa</th>
<th>Free passage diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Spray angle (°)</td>
<td>Spray capacity (l/min)</td>
</tr>
<tr>
<td>2</td>
<td>67</td>
<td>200–300</td>
</tr>
<tr>
<td>3</td>
<td>67–80</td>
<td>400–800</td>
</tr>
<tr>
<td>4</td>
<td>80</td>
<td>1,000–1,200</td>
</tr>
</tbody>
</table>

**FEATURES**

- Select from two wear-resistant materials, SiC or SiSiC.
- Flanged connection.
- Lightweight (less than half the weight of metal nozzle) with large free passage diameter.
- Stable hollow cone spray pattern under low pressures.

**TWAA series**

**Wear-resistant Bi-directional Hollow Cone Spray Nozzles**

- **Raw material process**
  - Gas absorption in flue gas desulfurization

**TWAA series available range**

- Standard pressure: 0.07 MPa
- Spray capacity range: 200–1200 l/min
- Connection flange size: 2–4 inches

**FEATURES**

- Select from two wear-resistant materials, SiC or SiSiC.
- Flanged connection.
- Two hollow cone spray patterns sprayed in 180° opposite direction.
- Excellent atomization for large flow rates. Well-suited for contact, reaction applications.

**JUXP series**

**Wear-resistant Full Cone Spray Nozzles**

- **Raw material process**
  - Gas absorption in flue gas desulfurization

**JUXP series available range**

<table>
<thead>
<tr>
<th>Pipe connection size (inches)</th>
<th>at pressure of 0.2 MPa</th>
<th>Spray angle (°)</th>
<th>Spray capacity (l/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rc3/4</td>
<td>75–95</td>
<td>23–45</td>
<td></td>
</tr>
<tr>
<td>Rc1</td>
<td>75–95</td>
<td>23–90</td>
<td></td>
</tr>
<tr>
<td>Rc1*1/2</td>
<td>75–95</td>
<td>50–200</td>
<td></td>
</tr>
<tr>
<td>Rc2</td>
<td>85–100</td>
<td>100–550</td>
<td></td>
</tr>
<tr>
<td>Rc2*1/2</td>
<td>80–100</td>
<td>250–700</td>
<td></td>
</tr>
<tr>
<td>Rc3</td>
<td>80–90</td>
<td>600–700</td>
<td></td>
</tr>
</tbody>
</table>

**FEATURES**

- X-shaped whirler provides large free passage diameter, which minimizes clogging.
- Wear-resistant alumina ceramics nozzle tip.
- With stainless steel socket (Optional).
- Full cone spray pattern with uniform distribution.

**How to order**

Please contact our local sales office for details.