Additional Nozzles and Products
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<table>
<thead>
<tr>
<th>Product name</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ball Joint</td>
<td>H.1</td>
</tr>
<tr>
<td>Swivel type Pipe Joint</td>
<td>H.2</td>
</tr>
<tr>
<td>Injector</td>
<td>H.3</td>
</tr>
<tr>
<td>Moya Atomizing System</td>
<td>H.4</td>
</tr>
</tbody>
</table>

http://www.everloy-spray-nozzles.com
**Ball Joint**

- **Feature**
  - The ball can be fixed in a desired position by loosening or tightening the cap.

- **Materials**
  - 303 Stainless steel
  - Brass

- **Maximum service pressure**
  - 1 MPa

### Shapes and dimensions

#### BJHC type

- **Outlet connection (F)** (Nozzle end)
- **Adapter**
- **Cap**
- **Swivel angle 50°**
- **L1**

#### BJHC···F type

- **Outlet connection (F)** (Nozzle end)
- **Adapter**
- **Cap**
- **Swivel angle 50°**
- **L2**

### How to install this with nozzles?

Nozzle tip can be adjustable for any angle by installing a ball joint at the edge of the inlet tube. (see below sample picture)

### Model and Model Number representing

```
BJHC 1/4 x 1/4
```

- **Inlet connection (Pipe end)**
- **Outlet connection (Nozzle end)**

### Standard type model number list

<table>
<thead>
<tr>
<th>Modell</th>
<th>Class</th>
<th>Connecting thread</th>
<th>Dimensions [mm]</th>
<th>Weight [g]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Pipe end</td>
<td>Nozzle end</td>
<td>L1</td>
</tr>
<tr>
<td>1/8 x 1/8</td>
<td>R1/8</td>
<td>Rc 1/4</td>
<td>32</td>
<td>-</td>
</tr>
<tr>
<td>1/4 x 1/4</td>
<td>R1/4</td>
<td>Rc 1/4</td>
<td>41</td>
<td>-</td>
</tr>
<tr>
<td>3/16 x 1/8</td>
<td>R5/32</td>
<td>Rc 5/32</td>
<td>49</td>
<td>-</td>
</tr>
<tr>
<td>1/8 x 1/2</td>
<td>R1/8</td>
<td>Rc 1/4</td>
<td>56</td>
<td>-</td>
</tr>
<tr>
<td>3/16 x 1/4</td>
<td>R5/32</td>
<td>Rc 5/32</td>
<td>65</td>
<td>-</td>
</tr>
<tr>
<td>1 x 1</td>
<td>R1</td>
<td>Rc1</td>
<td>78</td>
<td>-</td>
</tr>
<tr>
<td>1/8 x 1/8 F</td>
<td>Rc 1/4</td>
<td>Rc 1/4</td>
<td>-</td>
<td>24</td>
</tr>
<tr>
<td>1/4 x 1/4 F</td>
<td>Rc 1/4</td>
<td>Rc 1/4</td>
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<td>29</td>
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<tr>
<td>3/16 x 1/8 F</td>
<td>Rc 5/32</td>
<td>Rc 5/32</td>
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<tr>
<td>1/8 x 1/2 F</td>
<td>Rd 5/32</td>
<td>Rc 1/4</td>
<td>-</td>
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<tr>
<td>3/16 x 1/4 F</td>
<td>Rd 5/32</td>
<td>Rc 1/4</td>
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<tr>
<td>1 x 1 F</td>
<td>Rd1</td>
<td>Rc1</td>
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<td>63</td>
</tr>
</tbody>
</table>

*Different inlet/outlet connections are available upon request. (example: 3/8 x 1/4)*
**Ball Joint**

- **Feature**
  - The ball can be fixed in a desired position by loosening or tightening the cap.

- **Materials**
  - 303 Stainless steel
  - Brass

- **Maximum service pressure**
  - 1 MPa

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**Swivel type Pipe Joint**

- **Features**
  - Joint angle is adjustable freely with NO special tools.
  - No need to loosen the cap when adjusting the joint.

- **Materials**
  - 303 Stainless steel
  - Brass

- **Maximum service pressure**
  - 1 MPa

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### Shapes and dimensions

- **BJHC type**
  - Outlet connection (P) (Nozzle end)
  - Adaptor
  - Ball
  - Cap
  - Swivel angle 12°
  - L1

- **BJHC-F type**
  - Outlet connection (P) (Nozzle end)
  - Outlet connection (F) (Pipe end)
  - Inlet connection (F) (Pipe end)
  - Swivel angle 12°
  - L2

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**How to install this with nozzles?**

Nozzle tip can be adjustable for any angle by installing a ball joint at the edge of the inlet tube. (see below sample picture)

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**Model and Model Number representing**

BJHC \( \frac{1}{4} \times \frac{1}{4} \)

- Inlet connection (Pipe end)
- Outlet connection (Nozzle end)

---

**Standard type model number list**

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<td>R1/4</td>
<td>Rc 1/4</td>
<td>65</td>
<td>-</td>
</tr>
<tr>
<td>1 X 1</td>
<td>R1</td>
<td>Rc 1</td>
<td>78</td>
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</tr>
</tbody>
</table>

* Different inlet/outlet connections are available upon request. (example : 1/8 X 1/4)
Features and Applications
- Oil is injected and mixed into water, becomes oil-water emulsion liquid.
- Injector can be available as a simple emulsion machine.
- The oil-water emulsion is pushed out to nozzles.

Material
- 303 Stainless steel
Other materials available upon request.

Shapes and dimensions

*Dimensions L/W/H/D and connection threads are to be specified by the customer.

Ordering tips
1. Water pressure, water flow rate
2. Oil pressure, oil flow rate
3. Oil-water emulsion pressure
4. Gravity and viscosity of oil

* Please contact Everloy/Everloy local agent for further information.
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- Injector can be available as a simple emulsion machine.
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**Shapes and dimensions**

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- Ordering tips
  1. Water pressure, water flow rate
  2. Oil pressure, oil flow rate
  3. Oil-water emulsion pressure
  4. Gravity and viscosity of oil
- Please contact Everloy/Everloy local agent for further information.

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**Moya Atomizing System**

**Features**
- No need to inject expensive compressor air.
- A check valve inside prevents dripping from nozzles.
- A small filter inside minimizes clogging.
- Safe and clean mist.

**Applications**
- Cooling, humidification, deodorant, dust control, etc.

**Shapes and dimensions**

- KSME type (Moya Atomizing Nozzle)

- See "Moya Atomizing Nozzle" page 04 for details of nozzle specifications.

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**How to set up this system?**

(Basic model)
- System component: a pump unit, pipes and a header, nozzles
- Option: a timer

(Automatic control model)
- System component: a pump unit, pipes and a header, nozzles, a control panel (incl. sensors)

Please contact Everloy/Everloy local agent for further information.