BRASIKan® is a spray header with internal brushes, which clear any clogs by only turning the handwheel. Disassembling the nozzles is unnecessary. It is ideal for applications where clogging is a concern and maintenance is difficult.

Having an even spray distribution, BRASIKan® is optimal, anti-clogging spray header for uniform cleaning/cooling.
If you are suffering from these troubles...

- Recirculated water is being used and nozzles are easily clogged.
- Disassembling all nozzles is troublesome.
- Chemicals used make maintenance work difficult.
- It takes too much time and money to clean nozzles.
- Down time has become a problem.

BRASI Kan® solves these problems!

You just turn the handle, that’s it!

Clogging is cleared without stopping operation!

Turn the handwheel to rotate the inner brushes.

When the handwheel is turned

Inner brushes clean the nozzle orifice thoroughly!

Foreign objects inside the pipe are flushed out through the drain.

Uniform spray distribution

BRASI Kan® spray nozzles are designed to produce a mountain-shaped distribution in order to obtain a uniform spray distribution in multiple-nozzle arrangements. Thus BRAI Kan® is ideal for applications requiring even spray distribution.

*Measuring conditions: Spray nozzles having 65° spray angle and 12L/min spray capacity (per 1pc.) at 0.3MPa measured at spray pressure of 0.3MPa and spray height of 275mm, with nozzle spacing 250mm.
PERFORMANCE RECORD

BRASIKan® has enjoyed a good reputation in applications such as these.

<table>
<thead>
<tr>
<th>Industry</th>
<th>Line</th>
<th>Process</th>
<th>Application</th>
<th>Effects after installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron, steel-making</td>
<td>Continuous galvanizing line (CGL)</td>
<td>• Alkali scrubber</td>
<td>Brush roll cleaning</td>
<td>• No more burning on plastic rolls, thus saving replacement costs</td>
</tr>
<tr>
<td></td>
<td>Electrolytic galvanizing line (EGL)</td>
<td>• Annealing</td>
<td></td>
<td>• Dramatic drops in defect ratio</td>
</tr>
<tr>
<td></td>
<td>Continuous pickle line (CPL)</td>
<td>• Pre-treatment</td>
<td>Water cleaning</td>
<td>• Reliable operation</td>
</tr>
<tr>
<td></td>
<td>Continuous annealing line (CAL)</td>
<td>• After galvanizing</td>
<td>Water quench</td>
<td>• Product quality improved (Sharp decrease in damage due to incomplete cleaning, uniform cooling achieved)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Pickling etc.</td>
<td>Deacidification</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Rinsing</td>
<td></td>
</tr>
</tbody>
</table>

Cost effect is millions to tens of millions of Yen! You can recover the investment cost in a short time.

GENERAL SPECIFICATIONS

Nozzle: Round-inlet, flat spray nozzles (clog-resistant)
Spray angle: 65°
Spray capacity: 4～20L/min
*Please refer to “Nozzle specifications” for details.
Material: S303 (Stainless steel 303) Optional: titanium
*In our material code, “S” represents “stainless steel”.

Materials of other parts
Brush: PP(polypropylene) or S304, S316L
Sealant: PTFE

Option

Drain (opens for flushing)
Header pipe
Size: 40A (Optional: 50A)
Material: S304 or S316L (Optional: FRP)

* This is a general, standard specification. Please inquire with us for different specifications.
Spray capacity
18.1 2.1 5.00 18.3 22.0 20.0 8.00 2.3 25.8 9.80 12.0 15.5 18.3 2.1
140 11.4 14.0 18.1 21.4 2.3
170 13.9 17.0 22.0 26.0 2.5
200 16.3 20.0 25.8 30.6 2.7

Spray angle (°) Spray capacity (L/min)
0.2MPa 0.3MPa 0.5MPa 0.7MPa

65

*Spray angle is 65° at the standard pressure of 0.3MPa.

We make inquiry drawing forms available to ensure we can correctly meet the specifications you require. Please inquire with us for details.