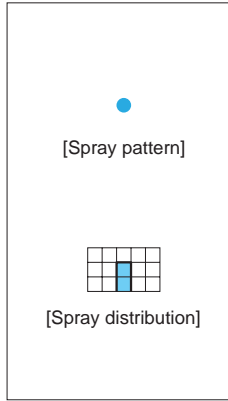


# Convex Round Inlet Solid Stream Jet

CCRP  
CRP

Solid Stream



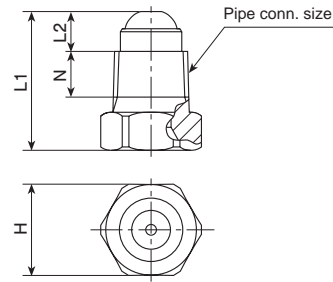
- High impact solid stream nozzle.
  - The cone shaped inlet penetrates further into the supply pipe than regular nozzles. This prevents floating particles from flowing into the nozzle, thereby reducing clogging.
  - The CRP series features high-purity alumina ceramic orifice providing stable performance with longer life.
- [STANDARD PRESSURE]**  
2.0 MPa
- [APPLICATIONS]**  
Cleaning: Wire and felt parts of paper making machines, machinery, parts, vehicles, returnable containers, bottles

## CCRP SERIES (all metal)

| Structure       | • Metal one-piece structure. |     |    |     |            |
|-----------------|------------------------------|-----|----|-----|------------|
| Material        | • S303                       |     |    |     |            |
| Pipe conn. size | Dimensions (mm)              |     |    |     | Weight (g) |
|                 | L1                           | L2  | H  | N   |            |
| R1/8            | 18.5                         | 5.5 | 12 | 6   | 8.5        |
| R1/4            | 22.5                         | 7   | 14 | 7.5 | 17         |

[Note] Appearance and dimensions may differ slightly depending on material and nozzle code.

## DRAWING

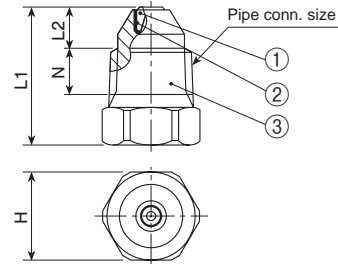


## CRP SERIES (with ceramic orifice)

| Structure       | • One-piece structure with a high-purity ceramic orifice insert. |     |    |     |            |
|-----------------|--|-----|----|-----|------------|
| Material        | • Nozzle orifice: alumina ceramic<br>• Nozzle body: S303         |     |    |     |            |
| Pipe conn. size | Dimensions (mm)  |     |    |     | Weight (g) |
|                 | L1   | L2  | H  | N   |            |
| R1/8            | 18   | 5   | 12 | 6   | 7          |
| R1/4            | 22   | 6.5 | 14 | 7.5 | 15         |

[Note] Appearance and dimensions may differ slightly depending on material and nozzle code.

## DRAWING



①Ceramic orifice ②Adhesive: Araldite® ③Nozzle body

| Orifice diameter code | Pipe connection size |      |      |      | Spray capacity (L/min) |         |         |       |       |       |
|-----------------------|----------------------|------|------|------|------------------------|---------|---------|-------|-------|-------|
|                       | CCRP                 |      | CRP  |      | 0.3 MPa                | 0.5 MPa | 0.7 MPa | 1 MPa | 2 MPa | 3 MPa |
|                       | R1/8                 | R1/4 | R1/8 | R1/4 |                        |         |         |       |       |       |
| ø0.5                  | ○                    | ○    | ○    | ○    | 0.20                   | 0.26    | 0.31    | 0.37  | 0.52  | 0.63  |
| ø0.6                  | ○                    | ○    | ○    | ○    | 0.29                   | 0.37    | 0.44    | 0.53  | 0.74  | 0.91  |
| ø0.7                  | ○                    | ○    | ○    | ○    | 0.39                   | 0.51    | 0.60    | 0.72  | 1.01  | 1.24  |
| ø0.8                  | ○                    | ○    | ○    | ○    | 0.51                   | 0.66    | 0.78    | 0.94  | 1.32  | 1.62  |
| ø0.9                  | ○                    | ○    | ○    | ○    | 0.65                   | 0.84    | 0.99    | 1.18  | 1.67  | 2.05  |
| ø1.0                  | ○                    | ○    | ○    | ○    | 0.80                   | 1.03    | 1.22    | 1.46  | 2.07  | 2.53  |
| ø1.1                  | ○                    | ○    | ○    | ○    | 0.97                   | 1.25    | 1.48    | 1.77  | 2.50  | 3.06  |
| ø1.2                  | ○                    | ○    | ○    | ○    | 1.15                   | 1.49    | 1.76    | 2.10  | 2.98  | 3.64  |
| ø1.3                  | ○                    | ○    | ○    | ○    | 1.35                   | 1.75    | 2.07    | 2.47  | 3.49  | 4.28  |
| ø1.4                  | ○                    | ○    | ○    | ○    | 1.57                   | 2.02    | 2.40    | 2.86  | 4.05  | 4.96  |
| ø1.5                  | ○                    | ○    | ○    | ○    | 1.80                   | 2.32    | 2.75    | 3.29  | 4.65  | 5.69  |
| ø1.7                  | ○                    | ○    | ○    | ○    | 2.31                   | 2.99    | 3.53    | 4.22  | 5.97  | 7.31  |
| ø2.0                  | ○                    | ○    | ○    | ○    | 3.20                   | 4.13    | 4.89    | 5.84  | 8.26  | 10.1  |

[Note] The above nozzles are manufactured for specific orifice diameters, therefore the spray capacity is not guaranteed.

## HOW TO ORDER

To inquire about or order a specific nozzle please refer to this coding system.

Example: 1/8M CRP ø0.6 AL99-S303

|                  |            |                       |                       |
|------------------|------------|-----------------------|-----------------------|
| <b>1/8M</b>      | <b>CRP</b> | <b>ø0.6</b>           | <b>AL99-S303</b>      |
| Pipe conn. size* | Series     | Orifice diameter code | Material              |
| 1/8M             | CRP        | ø0.5                  | AL99-S303: CRP series |
| 1/4M             | CCRP       | ø                     | S303: CCRP series     |
|                  |            | ø2.0                  |                       |

\*"M" indicates male thread ("R" of the ISO standard), e.g. 1/8M = R1/8.