

Related Products

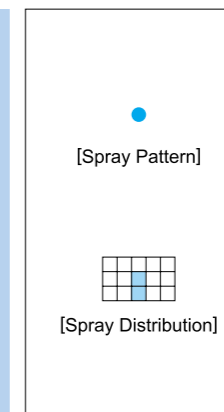
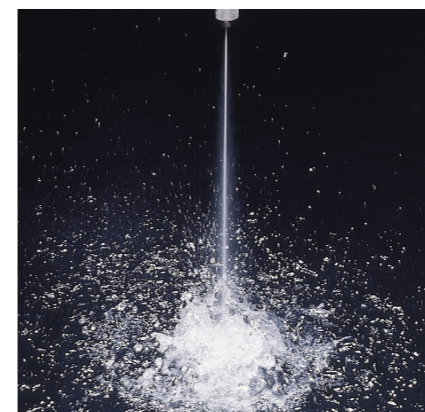
CP with small orifice diameter

Orifice Diameter Code	Pipe Conn. Size	Spray Capacity (ℓ/min)												Orifice Diameter (mm)	Strainer Mesh Size
		1 MPa	2 MPa	2.5 MPa	3 MPa	3.5 MPa	4 MPa	4.5 MPa	5 MPa	6.5 MPa	8 MPa	10 MPa	15 MPa		
φ 0.1	●	0.020	0.028	0.031	0.034	0.037	0.039	0.042	0.044	0.05	0.056	0.062	0.076	0.1	200
φ 0.15	●	0.044	0.063	0.070	0.077	0.083	0.089	0.094	0.099	0.113	0.126	0.141	0.172	0.15	200
φ 0.2	●	0.08	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.20	0.22	0.25	0.31	0.2	200
φ 0.25	●	0.12	0.18	0.20	0.22	0.23	0.25	0.26	0.28	0.32	0.35	0.39	0.48	0.25	200
φ 0.3	●	0.18	0.25	0.28	0.31	0.33	0.36	0.38	0.40	0.46	0.51	0.56	0.69	0.3	150
φ 0.4	●	0.32	0.45	0.50	0.55	0.59	0.63	0.67	0.71	0.81	0.90	1.00	1.23	0.4	150
φ 0.5	●	0.50	0.70	0.79	0.86	0.93	0.99	1.05	1.11	1.27	1.40	1.57	1.92	0.5	100
φ 0.6	●	0.72	1.01	1.13	1.24	1.34	1.43	1.52	1.60	1.83	2.02	2.26	2.77	0.6	100
φ 0.7	●	0.97	1.37	1.53	1.68	1.81	1.94	2.06	2.17	2.47	2.74	3.07	3.76	0.7	50
φ 0.8	●	1.27	1.80	2.01	2.20	2.38	2.54	2.69	2.84	3.24	3.59	4.02	4.92	0.8	50

●.....With strainer

* The above nozzles are manufactured for designated orifice diameters, therefore spray capacity is not guaranteed.

Convex Round Inlet Solid Stream Jet CCRP / CRP(AL99)



[Features]

- Convex round inlet protrudes inside the pipe to prevent particles from flowing into the nozzle, reducing clogging.
- CRP(AL99) series features high-purity alumina orifice providing stable performance with longer life.
- Short water path design enables easy and thorough brush-cleaning.

[Standard Pressure]

2MPa

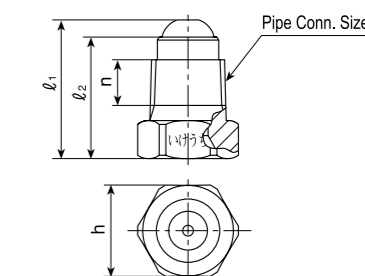
[Applications]

Cleaning : Wire and felt parts of paper making machines, machinery, parts, vehicles, returnable containers, bottles, etc.

CCRP-series

CCRP-series (All metal)						
Structure	• Made of metal, one-piece structure.					
Material	• S303 (stainless steel 303)					
Series	Pipe Conn. Size	Dimensions(mm)				Mass (g)
		ℓ ₁	ℓ ₂	h	n	
CCRP	1/8M	18.5	16	12	6	8.5
	1/4M	22.5	17.2	14	7.5	17

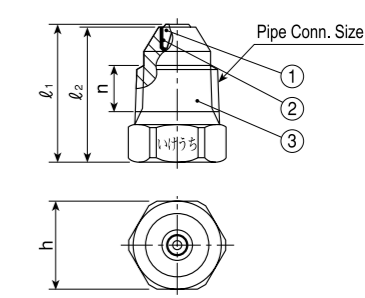
[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.



CRP(AL99)-series

CRP(AL99)-series (with high-purity alumina orifice inserted)						
Structure	• One-piece structure with high-purity alumina orifice inserted. • Convex round inlet protrudes into the pipe.					
Material	• Spray orifice : 99.5% alumina • Metal parts : S303 (stainless steel 303)					
Series	Pipe Conn. Size	Dimensions(mm)				Mass (g)
		ℓ ₁	ℓ ₂	h	n	
CRP-(AL99)	1/8M	18	17.5	12	6	7.0
	1/4M	22	21.5	14	7.5	15.0

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.



①99.5% Alumina orifice ②Adhesive : Araldite® ③Body

How to order

Please inquire or order for a specific nozzle using this coding system.

① Standard CP and CCP

<Example>...1/8MCP25S303W

1/8M	CP	25	S303	W
Pipe Conn. Size	Series	Spray Capacity Code	Material	Strainer
1/8M	CCP	25	B*(CP only)	W (with Strainer)
1/4M	CP	∅	S303	— (without Strainer)
3/8M		1040		

② CP with small orifice diameter

<Example>...1/8MCP∅0.1S303W

1/8MCP	∅0.1	S303	W
Pipe Conn. Size	Orifice Diameter Code	Material	Strainer
1/8M	∅ 0.1	B	W (with Strainer)
1/4M	∅	S303	— (without Strainer)
3/8M	∅ 0.8		

How to order

Please inquire or order for a specific nozzle using this coding system.

<Example>...1/8MCRP∅0.6S303 (AL99)

1/8M	CRP	∅0.6	S303(AL99)
Pipe Conn. Size	Series	Orifice Diameter Code	Material
1/8M	CRP	∅ 0.5	S303 (AL99) ...CRP
1/4M	CCRP	∅	S303 ...CCRP
		∅ 2.0	

* The above nozzles are manufactured for designated orifice diameters, therefore spray capacity is not guaranteed.

Orifice Diameter Code	CCRP (Metal)		CRP(AL99) (Ceramic orifice inserted)		Spray Capacity (ℓ/min)					
	1/8M	1/4M	1/8M	1/4M	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	2 MPa	3 MPa
φ 0.5	○	○	○	○	0.20	0.26	0.31	0.37	0.52	0.63
φ 0.6	○	○	○	○	0.29	0.37	0.44	0.53	0.74	0.91
φ 0.7	○	○	○	○	0.39	0.51	0.60	0.72	1.01	1.24
φ 0.8	○	○	○	○	0.51	0.66	0.78	0.94	1.32	1.62
φ 0.9	○	○	○	○	0.65	0.84	0.99	1.18	1.67	2.05
φ 1.0	○	○	○	○	0.80	1.03	1.22	1.46	2.07	2.53
φ 1.1	○	○	○	○	0.97	1.25	1.48	1.77	2.50	3.06
φ 1.2	○	○	○	○	1.15	1.49	1.76	2.10	2.98	3.64
φ 1.3	○	○	○	○	1.35	1.75	2.07	2.47	3.49	4.28
φ 1.4	○	○	○	○	1.57	2.02	2.40	2.86	4.05	4.96
φ 1.5	○	○	○	○	1.80	2.32	2.75	3.29	4.65	5.69
φ 1.7	○	○	○	○	2.31	2.99	3.53	4.22	5.97	7.31
φ 2.0	○	○	○	○	3.20	4.13	4.89	5.84	8.26	10.1