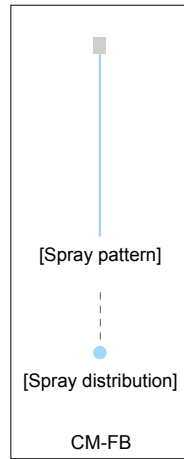


Paper Trimming Nozzles

2CM-FB: Made-to-Order

CM-FB/2CM-FB



- Non-turbulent clear solid stream nozzles with high cutting force.
- Prevents paper dust from clogging the nozzle orifice.
- Small, tapered nose of the CM-FB series minimizes adhesion of paper dust to the nozzle body.
- The position of the nozzle orifices can be adjusted by turning the tab on the 2CM-FB series.

[STANDARD PRESSURE]

2.0 MPa

[APPLICATIONS]

Trimming: Paper making
Foot cutting, cleaning of precision machine parts,
injection of chemicals, deburring, foaming of beer

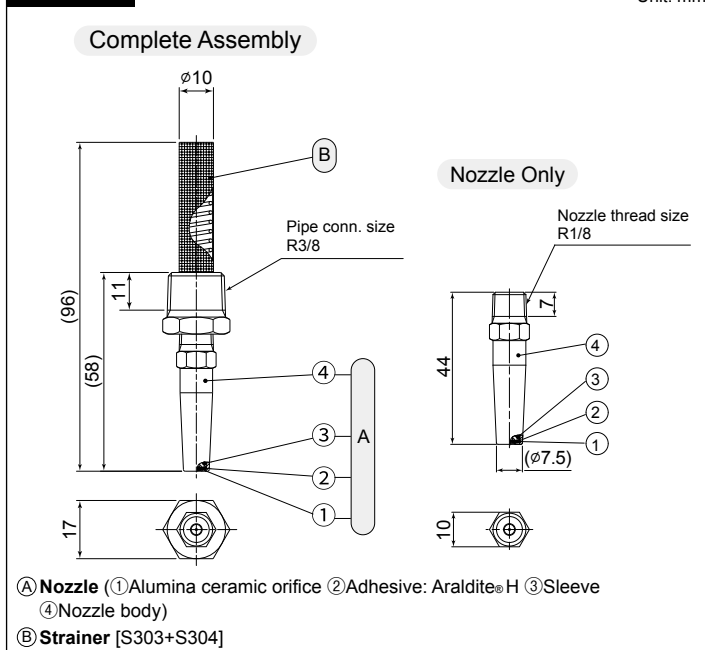
CM-FB SERIES (Single Orifice)

Structure	<ul style="list-style-type: none"> • Has a high-purity ceramic orifice in the nozzle. • Includes a nozzle and a strainer integrated with an adaptor. Worn-out nozzles can be replaced separately.
Material	<ul style="list-style-type: none"> • Nozzle orifice: alumina ceramic • Main metal parts: S303
Weight	<ul style="list-style-type: none"> • Complete assembly: 40 g • Nozzle only: 15 g

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

DRAWING

Unit: mm



2CM-FB SERIES (Two Orifices)

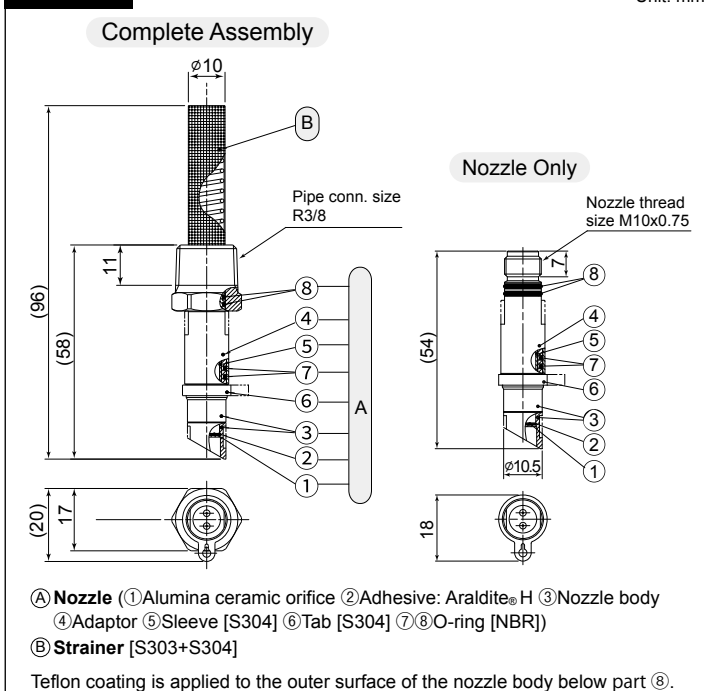
Made-to-Order

Structure	<ul style="list-style-type: none"> • Has a high-purity ceramic orifice in the nozzle. • Includes a nozzle and a strainer integrated with an adaptor. Worn-out nozzles can be replaced separately.
Material	<ul style="list-style-type: none"> • Nozzle orifice: alumina ceramic • Main metal parts: S303 • O-ring: NBR • Coating of nozzle: Teflon (PTFE)
Weight	<ul style="list-style-type: none"> • Complete assembly: 45 g • Nozzle only: 21 g

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

DRAWING

Unit: mm



■CM-FB Series (single-orifice nozzles)

Orifice diameter code	Spray capacity (L/min)						Strainer mesh size
	0.5 MPa	1 MPa	2 MPa	3 MPa	4 MPa	5 MPa	
φ0.3	0.09	0.12	0.17	0.21	0.24	0.27	80
φ0.4	0.15	0.22	0.31	0.37	0.43	0.48	80
φ0.5	0.24	0.34	0.48	0.58	0.67	0.75	80
φ0.6	0.34	0.49	0.69	0.84	0.97	1.09	80
φ0.7	0.47	0.66	0.93	1.14	1.32	1.48	50
φ0.8	0.61	0.86	1.22	1.49	1.73	1.93	50
φ0.9	0.77	1.09	1.54	1.89	2.18	2.44	50
φ1.0	0.95	1.35	1.91	2.33	2.70	3.01	50

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

■2CM-FB Series (two-orifice nozzles)

Orifice diameter code	Spray capacity (L/min)				Strainer mesh size
	0.5 MPa	1 MPa	2 MPa	3 MPa	
φ0.3	0.17	0.24	0.34	0.42	80
φ0.4	0.30	0.43	0.61	0.75	80
φ0.5	0.48	0.67	0.95	1.17	80

[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.

CM-FB

① Complete Assembly

Example: 3/8M CM φ0.4 FB S303 W

3/8M	CM	φ0.4	FB S303	W
Pipe conn. size*	Series	Orifice diameter code	Material	Strainer
		φ0.3 } φ1.0		

② Nozzle Only

Example: 1/8M CMP φ0.4 FB S303

1/8M	CMP	φ0.4	FB S303
Nozzle thread size*		Orifice diameter code	Material
		φ0.3 } φ1.0	

2CM-FB

① Complete Assembly

Example: 3/8M 2CM φ0.4 FB S303 W

3/8M	2CM	φ0.4	FB S303	W
Pipe conn. size*	Series	Orifice diameter code	Material	Strainer
		φ0.3 φ0.4 φ0.5		

② Nozzle Only

Example: M10x0.75M 2CMP φ0.4 FB S303

M10x0.75M	2CMP	φ0.4	FB S303
Nozzle thread size*		Orifice diameter code	Material
		φ0.3 φ0.4 φ0.5	

*"M" indicates male thread ("R" of the ISO standard), e.g. 3/8M = R3/8.

The 2CM-FB series is made-to-order.