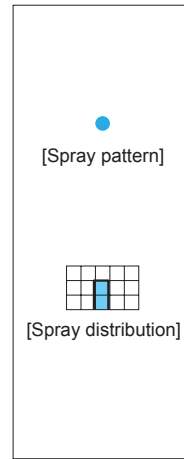
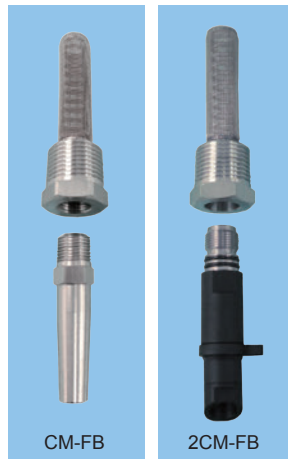


Paper Trimming Nozzles

CM-FB/2CM-FB



- Non-turbulent clear solid stream nozzles with high cutting force.
- Flat surface of nozzle tip 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

Solid Stream

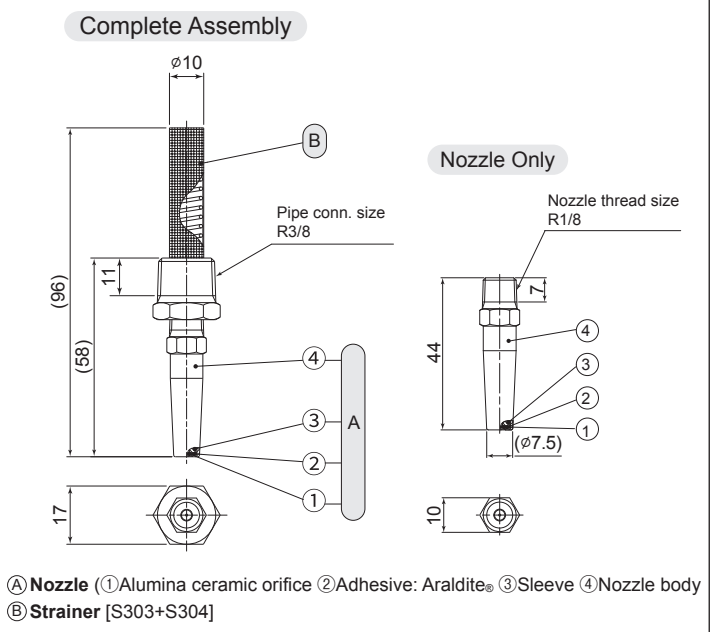
CM-FB SERIES (Single Orifice)

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)

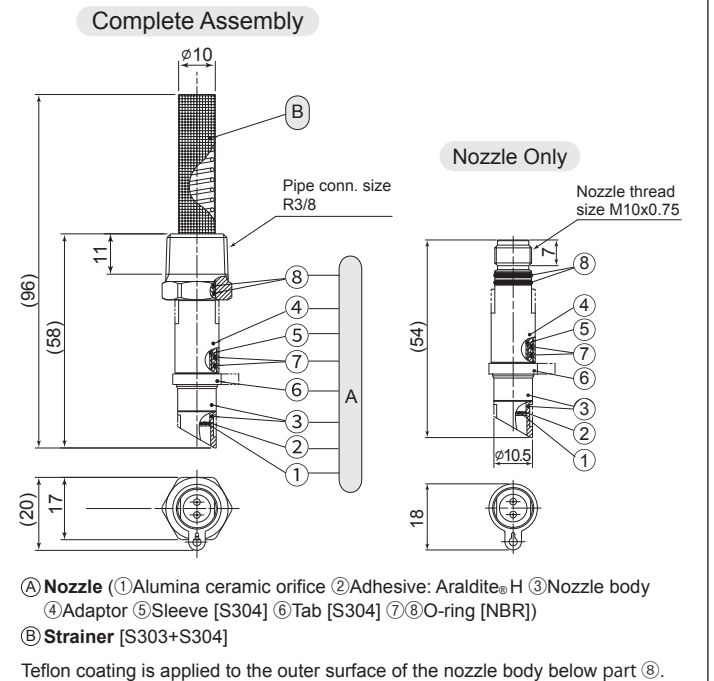
Made-to-Order

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



Paper Trimming Nozzles
CM-FB/2CM-FB SERIES

■ **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	
ø0.3	0.09	0.12	0.17	0.21	0.24	0.27	80
ø0.4	0.15	0.22	0.31	0.37	0.43	0.48	80
ø0.5	0.24	0.34	0.48	0.58	0.67	0.75	80
ø0.6	0.34	0.49	0.69	0.84	0.97	1.09	80

[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	
ø0.3	0.17	0.24	0.34	0.42	80
ø0.4	0.30	0.43	0.61	0.75	80
ø0.5	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.

Solid Stream

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 ø0.4 FB S303 W

3/8M CM ø0.4 FB S303 W

Pipe conn. size* Series Orifice diameter code Material Strainer

ø0.3
 ø0.4
 ø0.6

② **Nozzle Only**

Example: 1/8M CMP ø0.4 FB S303

1/8M CMP ø0.4 FB S303

Nozzle thread size* Orifice diameter code Material

ø0.3
 ø0.4
 ø0.6

2CM-FB

① **Complete Assembly**

Example: 3/8M 2CM ø0.4 FB S303 W

3/8M 2CM ø0.4 FB S303 W

Pipe conn. size* Series Orifice diameter code Material Strainer

ø0.3
 ø0.4
 ø0.5

② **Nozzle Only**

Example: M10x0.75M 2CMP ø0.4 FB S303

M10x0.75M 2CMP ø0.4 FB S303

Nozzle thread size* Orifice diameter code Material

ø0.3
 ø0.4
 ø0.5

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

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