

SO-CC
SO-CM



[Spray distribution]

- Trimming: Paper making
Cutting: Timber, food
Others: Marking, cleaning of precision machine parts, injection of chemicals, deburring

Solid Stream Jet with ON/OFF Control

SO-CC/SO-CM SERIES

SO-CC Series

Orifice diameter code	Spray capacity (L/min)				
	0.1 MPa	0.3 MPa	0.5 MPa	0.8 MPa	1.0 MPa
ø0.3	0.04	0.07	0.09	0.11	0.13
ø0.4	0.07	0.12	0.16	0.20	0.22
ø0.5	0.11	0.18	0.24	0.30	0.34
ø0.6	0.15	0.27	0.34	0.43	0.49
ø0.7	0.21	0.36	0.46	0.58	0.65
ø0.8	0.27	0.47	0.60	0.76	0.85
ø0.9	0.34	0.59	0.76	0.96	1.07
ø1.0	0.42	0.73	0.94	1.19	1.33

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

SO-CM Series

Orifice diameter code	Spray capacity (L/min)	
	0.3 MPa	0.5 MPa
ø0.3	0.08	0.10
ø0.4	0.14	0.17
ø0.5	0.20	0.25
ø0.6	0.29	0.36
ø0.7	0.39	0.49
ø0.8	0.51	0.65
ø0.9	0.61	0.78
ø1.0	0.75	0.97

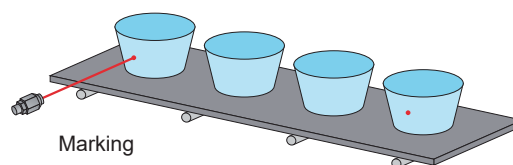
[Note] These nozzles are manufactured for specific orifice diameters, therefore the spray capacity is not guaranteed.

Operation Time Chart

The pilot air ON/OFF controls the spray operation.

Pilot air	OFF	ON	OFF	ON	OFF
Liquid	Stop	Spray	Stop	Spray	Stop

Example of Use



HOW TO ORDER

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

Example: 1/8 SO-CC ø0.3 S303

1/8 ^{*2}	SO-CC	ø0.3	S303
	Series	Orifice diameter code	Material
	SO-CC	ø0.3	
	SO-CM	ø	
		ø1.0	

When ordering the optional Mounting Adaptor, available with a ø8 or ø10, please specify "(with ø10 [or ø8] mounting adaptor)" at the end of the product code.

*2) Indicates Rc1/8 for the liquid and pilot air connection thread size.

ALSO AVAILABLE!

Flat Spray Nozzles with ON/OFF Control

SO-V
SO-VV
SERIES

See page 44 for more details.

CAUTIONS

- Supply liquid pressure at 0.5 MPa or less for the SO-CM series, and 1.0 MPa or less for the SO-CC series.
- Supply pilot air pressure between 0.2 and 0.5 MPa.
- For better shut off and to prevent dripping, purge the air between the solenoid valve and the nozzle when it is shut off, using a 3-way solenoid valve.