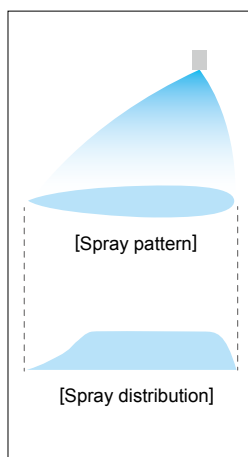


Off-Center Even Flat Spray Nozzles **OVVEP**



- Off-center flat spray pattern with uniform distribution across the pattern area.
- In a multi-nozzle arrangement the diagonal spray of the OVVEP series prevents liquid puddles.
- No need to install the nozzles at an angle, as the angle is already built into the nozzle design.

[STANDARD PRESSURE]

0.3 MPa

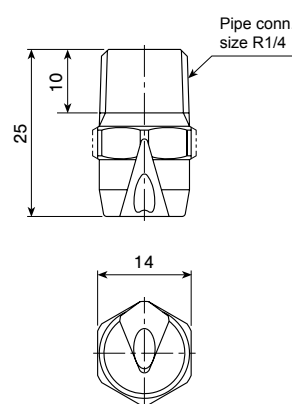
[APPLICATIONS]

Cooling: Steel plates, steel pieces
Spraying: Etchants, oils, lubricants, glues, acids, insecticides, herbicides
Cleaning: Steel plates, steel pieces, filters, felts, screens

Structure	• One-piece structure, made of metal.
Material	• S303 SPECIAL ORDER MATERIAL: S316 or others
Weight	• 17 g

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

DRAWING



Unit: mm

Spray angle code	Spray capacity code	Spray angle (°)			Spray capacity (L/min)										Mean droplet dia. (μm)	Free passage dia. (mm)
		0.05 MPa	0.3 MPa	0.7 MPa	0.05 MPa	0.07 MPa	0.1 MPa	0.15 MPa	0.2 MPa	0.3 MPa	0.5 MPa	0.7 MPa	1 MPa	1.5 MPa	2 MPa	
60	200	56	60	62	8.2	9.7	11.5	14.1	16.3	20.0	25.8	30.6	36.5	44.7	51.6	540
	250	57	60	61	10.2	12.1	14.4	17.7	20.4	25.0	32.3	38.2	45.6	55.9	64.5	?
	300	57	60	61	12.2	14.5	17.3	21.2	24.5	30.0	38.7	45.8	54.8	67.1	77.5	670
45	200	41	45	48	8.2	9.7	11.5	14.1	16.3	20.0	25.8	30.6	36.5	44.7	51.6	600
	250	42	45	47	10.2	12.1	14.4	17.7	20.4	25.0	32.3	38.2	45.6	55.9	64.5	?
	300	42	45	47	12.2	14.5	17.3	21.2	24.5	30.0	38.7	45.8	54.8	67.1	77.5	750

HOW TO ORDER

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

Example: 1/4M OVVEP 60200 S303

1/4M OVVEP **60** **200** **S303**

Pipe conn. size*

Spray angle code

Spray capacity code

Material

- 60
- 45
- 200
- 250
- 300

*"M" indicates male thread ("R" of the ISO standard), e.g. 1/4M = R1/4.

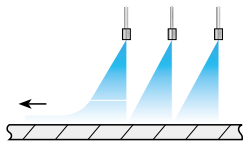
ALSO AVAILABLE!

Quick-Detachable
Off-Center Even Flat
Spray Nozzles

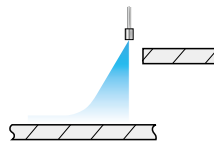
INOVE
SERIES

See page 28 for more details.

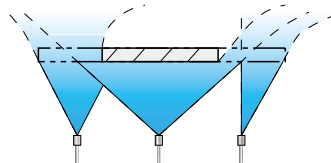
How to Use Off-Center Even Flat Spray Nozzles



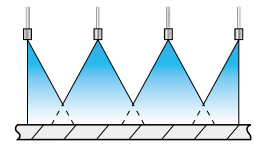
● Spray in one direction



● Spray in limited space



● Avoid wetting the back side of target



● Save spray liquid

Combined Use with Standard Flat Spray Nozzles

For applications such as cooling steel plates, the direction of flow can be controlled by using a combination of OVVEP series nozzles and standard flat spray nozzles.

