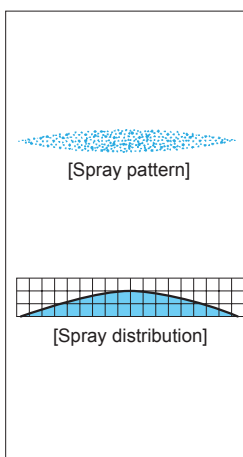


Coin-shaped Standard Flat Spray Nozzles

Made-to-Order

CVVP

Flat Spray



- Flat spray pattern with a mountain-shaped spray distribution and gradually tapered edges.
- Shaped like a thin coin, this nozzle mounts flush with the pipe surface, making it ideal for applications where nozzle projection needs to be minimal, such as tight spaces.

[STANDARD PRESSURE]

0.3 MPa

[APPLICATIONS]

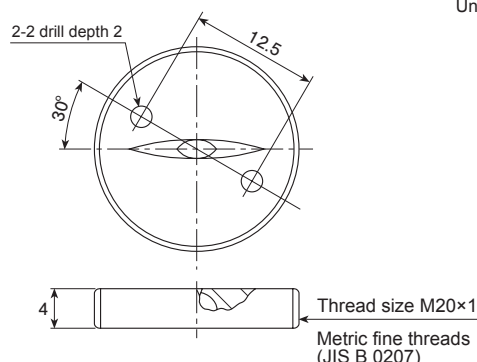
Cleaning: Felts, rolls, screens, filters, wires
Spraying: Lubricants, chemicals
Cooling: Steel plates and coils

Structure	• One-piece structure with threaded outside edge.
Material	• S303
Weight	• 8.5 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)
		0.15 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		
90	10	78	90	99	0.41	0.48	0.58	0.71	0.82	1.00	1.29	1.53	1.83	2.24	2.58	210	0.5
	15	79	90	98	0.61	0.72	0.87	1.06	1.23	1.50	1.94	2.29	2.74	3.36	3.87		0.6
	20	80	90	97	0.82	0.97	1.15	1.41	1.63	2.00	2.58	3.06	3.65	4.47	5.16		0.7
	30	82	90	96	1.23	1.45	1.73	2.12	2.45	3.00	3.88	4.58	5.48	6.71	7.75		0.9
	40	83	90	97	1.63	1.93	2.31	2.83	3.27	4.00	5.16	6.11	7.30	8.94	10.3		1.1
	50	83	90	97	2.04	2.42	2.89	3.54	4.08	5.00	6.46	7.64	9.13	11.2	12.9		1.2
	60	83	90	97	2.45	2.90	3.46	4.24	4.90	6.00	7.75	9.17	11.0	13.4	15.5		1.3
80	80	84	90	97	3.27	3.86	4.62	5.66	6.53	8.00	10.3	12.2	14.6	17.9	20.6	420	1.5
	10	69	80	87	0.41	0.48	0.58	0.71	0.82	1.00	1.29	1.53	1.83	2.24	2.58	210	0.5
	15	70	80	86	0.61	0.72	0.87	1.06	1.23	1.50	1.94	2.29	2.74	3.36	3.87		0.7
	20	71	80	86	0.82	0.97	1.15	1.41	1.63	2.00	2.58	3.06	3.65	4.47	5.16		0.8
	30	72	80	84	1.23	1.45	1.73	2.12	2.45	3.00	3.88	4.58	5.48	6.71	7.75		1.0
	40	74	80	83	1.63	1.93	2.31	2.83	3.27	4.00	5.16	6.11	7.30	8.94	10.3		1.2
	50	74	80	83	2.04	2.42	2.89	3.54	4.08	5.00	6.46	7.64	9.13	11.2	12.9		1.4
65	60	74	80	83	2.45	2.90	3.46	4.24	4.90	6.00	7.75	9.17	11.0	13.4	15.5		1.5
	80	74	80	83	3.27	3.86	4.62	5.66	6.53	8.00	10.3	12.2	14.6	17.9	20.6	430	1.7
	10	53	65	72	0.41	0.48	0.58	0.71	0.82	1.00	1.29	1.53	1.83	2.24	2.58	230	0.6
	15	53	65	72	0.61	0.72	0.87	1.06	1.23	1.50	1.94	2.29	2.74	3.36	3.87		0.8
	20	54	65	72	0.82	0.97	1.15	1.41	1.63	2.00	2.58	3.06	3.65	4.47	5.16		0.9
	30	55	65	72	1.23	1.45	1.73	2.12	2.45	3.00	3.88	4.58	5.48	6.71	7.75		1.1
	40	57	65	72	1.63	1.93	2.31	2.83	3.27	4.00	5.16	6.11	7.30	8.94	10.3		1.3
	50	58	65	72	2.04	2.42	2.89	3.54	4.08	5.00	6.46	7.64	9.13	11.2	12.9		1.5
	60	59	65	72	2.45	2.90	3.46	4.24	4.90	6.00	7.75	9.17	11.0	13.4	15.5		1.6
	80	62	65	72	3.27	3.86	4.62	5.66	6.53	8.00	10.3	12.2	14.6	17.9	20.6	450	1.9

HOW TO ORDER

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

Example: M20×1 CVVP 9010 S303

M20×1	CVVP	90	10	S303
Pipe conn. size		Spray angle code	Spray capacity code	Material
		90	10	
		80		
		65	80	

This nozzle series is made-to-order.