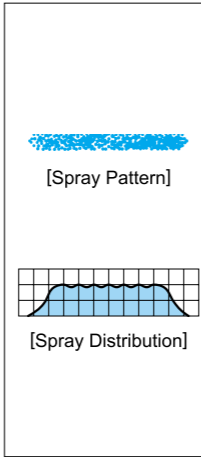


Descaling Nozzles

DSP

Descaling Nozzles
DSP-series



[Features]
• Only IKEUCHI provides the world's most exceptionally powerful cleaning and descaling nozzle. Producing a thin flat spray pattern like a sharp razor blade, these nozzles have more powerful cleaning effects than any other flat spray nozzles.

[Standard Pressure]
5MPa

[Applications]
High pressure cleaning, descaling, rust-removal, degreasing, etc.

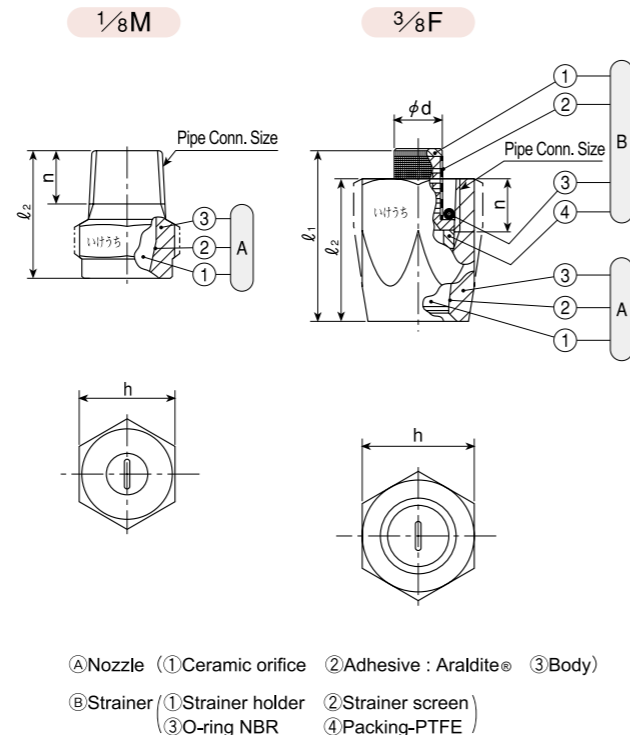
Spray Angle Code	Spray Capacity Code	Pipe Conn. Size		Spray Angle			Spray Capacity (ℓ/min)										Free Pass. Dia. (mm)	Strainer Mesh Size
		1/8M	3/8F	3 MPa	5 MPa	10 MPa	3 MPa	3.5 MPa	4 MPa	4.5 MPa	5 MPa	6.5 MPa	8 MPa	10 MPa	15 MPa	20 MPa		
12°	83	○	●	11°	12°	12°	6.43	6.94	7.42	7.87	8.30	9.46	10.5	11.7	14.4	16.6	0.4	150
	103	○	●	11°	12°	12°	7.98	8.62	9.21	9.77	10.3	11.7	13.0	14.6	17.8	20.6	0.4	150
	148	○	○	11°	12°	12°	11.5	12.4	13.2	14.0	14.8	16.9	18.7	20.9	25.6	29.6	0.5	—
	166	○	○	11°	12°	12°	12.9	13.9	14.8	15.7	16.6	18.9	21.0	23.5	28.8	33.2	0.5	—
	189	○	○	11°	12°	12°	14.6	15.8	16.9	17.9	18.9	21.5	23.9	26.7	32.7	37.8	0.6	—
	224	○	○	11°	12°	12°	17.4	18.7	20.0	21.3	22.4	25.5	28.2	31.6	38.8	44.7	0.7	—
	250	○	○	11°	12°	12°	19.4	20.9	22.4	23.7	25.0	28.5	31.6	35.4	43.3	50.0	0.7	—
	300	○	○	11°	12°	12°	23.2	25.1	26.8	28.5	30.0	34.2	37.9	42.4	52.0	60.0	0.9	—
	332	○	○	11°	12°	12°	25.7	27.8	29.7	31.5	33.2	37.9	42.0	46.9	57.5	66.4	1.0	—
	478	○	○	11°	12°	12°	37.0	40.1	42.8	45.3	47.8	54.5	60.5	67.7	82.8	95.7	1.5	—
	865	○	○	11°	12°	12°	67.0	72.5	77.4	82.1	86.5	98.6	110	123	150	173	2.6	—

●.....With strainer ○.....Without strainer

[Note] Please use clean water to prevent the nozzles from clogging.

DSP-series

DSP-series (with ceramic orifice inserted)	
Structure	<ul style="list-style-type: none"> Ceramic orifice inserted and adhered into metal body. Opening of ceramic orifice is circular from inlet to throat and it gradually contracts to a longer rectangle towards the outlet.
Material	<ul style="list-style-type: none"> Spray orifice : ceramic Metal parts : S303 (stainless steel 303)



Series	Pipe Conn. Size	Dimensions(mm)					Mass (g)
		l ₁	l ₂	h	n	φ d	
DSP	1/8M	—	16.5	12	7	—	7
	3/8F	33.5	29	22	11	9.0	52

*For DSP with strainer, add 2-5g to the above mass.

[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.

Spray Angle Code	Spray Capacity Code	Pipe Conn. Size		Spray Angle			Spray Capacity (ℓ/min)										Free Pass. Dia. (mm)	Strainer Mesh Size
		1/8M	3/8F	3 MPa	5 MPa	10 MPa	3 MPa	3.5 MPa	4 MPa	4.5 MPa	5 MPa	6.5 MPa	8 MPa	10 MPa	15 MPa	20 MPa		
15°	56	○	○	14°	15°	15°	4.33	4.68	5.00	5.30	5.59	6.37	7.06	7.91	9.67	11.2	0.4	—
	64	○	○	14°	15°	15°	4.94	5.34	5.71	6.06	6.38	7.28	8.07	9.04	11.1	12.8	0.4	—
	72	○	○	14°	15°	15°	5.56	6.01	6.42	6.81	7.18	8.19	9.08	10.2	12.4	14.4	0.4	—
	80	○	○	14°	15°	15°	6.18	6.68	7.14	7.57	7.98	9.10	10.1	11.3	13.8	16.0	0.4	—
	88	○	○	14°	15°	15°	6.80	7.35	7.85	8.33	8.79	10.0	11.1	12.4	15.2	17.6	0.4	—
	96	○	○	14°	15°	15°	7.42	8.01	8.56	9.09	9.58	10.9	12.1	13.6	16.6	19.1	0.5	—
	104	○	○	14°	15°	15°	8.04	8.68	9.28	9.85	10.4	11.8	13.1	14.7	18.0	20.8	0.5	—
	112	○	○	14°	15°	15°	8.66	9.35	10.0	10.6	11.2	12.8	14.1	15.8	19.4	22.4	0.5	—
	120	○	○	14°	15°	15°	9.26	10.0	10.7	11.4	12.0	13.7	15.2	17.0	20.8	24.0	0.6	—
	128	○	○	14°	15°	15°	9.89	10.7	11.4	12.1	12.8	14.6	16.2	18.1	22.1	25.6	0.6	—
	144	○	○	14°	15°	15°	11.1	12.0	12.9	13.6	14.4	16.4	18.2	20.3	24.9	28.8	0.7	—
	160	○	○	14°	15°	15°	12.4	13.4	14.3	15.2	16.0	18.2	20.2	22.6	27.7	32.0	0.8	—

How to order

Please inquire or order for a specific nozzle using this coding system.

〈Example〉...1/8MDSP1556S303 (Brown)

