FLAT SPRAY PATTERN

Self - Cleaning Nozzles

S C F

FEATURES

Even if the nozzle orifice is blocked with foreign matter, the orifice can open wider by the reduction in spray pressure to 0.03 MPa, hence blockages can be remove without detaching clogging by water quality.

MATERIAL

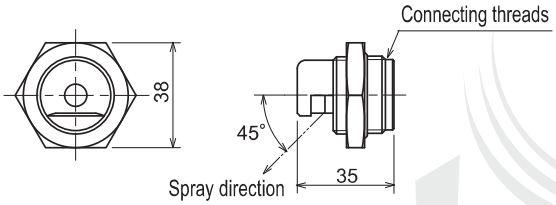
- Stainless steel (JIS SUS303 or SUS316)

APPLICATIONS

- Cleaning wire and felts.
- Cleaning wire roll and press roll.
- Cleaning by the equipment which is difficult to de-installation.

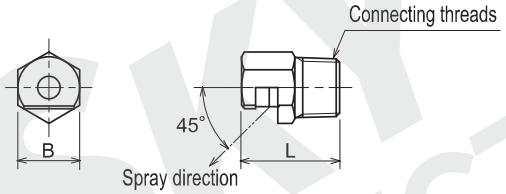
SHAPES AND DIMENSION

● Straight pattern (straight threaded type)



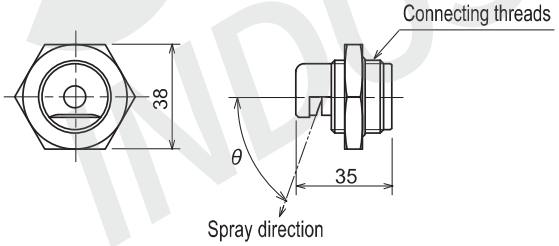
Model	Connecting threads	Weight (g)
SCJ	G 3/4 ϕ28, 20 threads	130

● Straight pattern (taper threaded type)



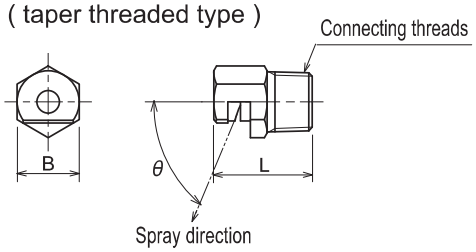
Model	Dimension (mm)		Connecting threads	Weight (g)
	B	L		
1/2 SCJ	22	35	R 1/2	75
3/4 SCJ	27	35	R 3/4	120

● Flat pattern (straight threaded type)



Model	Connecting threads	Weight (g)
SCF	G 3/4 ϕ28, 20 threads	130

● Flat pattern (taper threaded type)



Model	Dimension (mm)		Connecting threads	Weight (g)
	B	L		
1/2 SCF	22	35	R 1/2	75
3/4 SCF	27	35	R 3/4	120

- Spray direction within 70- 85 degree.
- Maximum flow rate 6 ℓ/min at 0.3 MPa for thread size 1/2. Thread size 3/4 is for more flow rate.

NPT thread is a solavailable

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FLAT SPRAY PATTERN

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Model and Model number representing

STRAIGHT THREADED TYPE

S C F — J-straight pattern type, F-flat pattern type

1080 — Model number

G 3/4 — Threads size, G-Straight pipe thread, No symbol - ϕ28, 20

TAPER THREADED TYPE

1/2 — Connecting threads

S C F — J-straight pattern type, F-flat pattern type

1080 — Model number

STANDARD TYPE MODEL NUMBER LIST

Model	Model number	Equivalent orifice diameter (mm)	Flow rate (ℓ/min) at following pressure (MPa)											Spray angle at 0.3 MPa
			0.1	0.2	0.3	0.4	0.5	0.7	1	2	3	4	5	
SCJ	0.5	0.5	0.16	0.23	0.28	0.32	0.37	0.43	0.52	0.73	0.90	1.04	1.16	–
	0.6	0.6	0.24	0.33	0.41	0.47	0.53	0.63	0.75	1.06	1.30	1.50	1.68	–
	0.7	0.7	0.32	0.46	0.56	0.65	0.72	0.85	1.02	1.45	1.77	2.0	2.3	–
	0.8	0.8	0.42	0.60	0.73	0.84	0.94	1.12	1.33	1.89	2.3	2.7	3.0	–
	0.9	0.9	0.56	0.80	0.98	1.13	1.26	1.49	1.78	2.5	3.1	3.6	4.0	–
	1.0	1.0	0.66	0.93	1.14	1.31	1.47	1.74	2.1	2.9	3.6	4.2	4.6	–
	1.2	1.2	0.95	1.34	1.64	1.90	2.1	2.5	3.0	4.2	5.2	6.0	6.7	–
	1.5	1.5	1.48	2.1	2.6	3.0	3.3	3.9	4.7	6.6	8.1	9.4	10.5	–
SCF	0215	1.3	1.15	1.63	2.0	2.3	2.6	3.1	3.7	–	–	–	–	15°
	0240	1.3	1.15	1.63	2.0	2.3	2.6	3.1	3.7	–	–	–	–	40°
	0280	1.3	1.15	1.63	2.0	2.3	2.6	3.1	3.7	–	–	–	–	80°
	02130	1.3	1.15	1.63	2.0	2.3	2.6	3.1	3.7	–	–	–	–	130°
	0415	1.9	2.3	3.3	4.0	4.6	5.2	6.1	7.3	–	–	–	–	15°
	0440	1.9	2.3	3.3	4.0	4.6	5.2	6.1	7.3	–	–	–	–	40°
	0480	1.9	2.3	3.3	4.0	4.6	5.2	6.1	7.3	–	–	–	–	80°
	04130	1.9	2.3	3.3	4.0	4.6	5.2	6.1	7.3	–	–	–	–	130°
	0615	2.3	3.5	4.9	6.0	6.9	7.7	9.2	11.0	–	–	–	–	15°
	0640	2.3	3.5	4.9	6.0	6.9	7.7	9.2	11.0	–	–	–	–	40°
	0680	2.3	3.5	4.9	6.0	6.9	7.7	9.2	11.0	–	–	–	–	80°
	06130	2.3	3.5	4.9	6.0	6.9	7.7	9.2	11.0	–	–	–	–	130°
	1015	3.0	5.8	8.2	10.0	11.5	12.9	15.3	18.3	–	–	–	–	15°
	1040	3.0	5.8	8.2	10.0	11.5	12.9	15.3	18.3	–	–	–	–	40°
	1080	3.0	5.8	8.2	10.0	11.5	12.9	15.3	18.3	–	–	–	–	80°
	10130	3.0	5.8	8.2	10.0	11.5	12.9	15.3	18.3	–	–	–	–	130°
	1415	3.5	8.1	11.4	14.0	16.2	18.1	21.4	25.6	–	–	–	–	15°
	1440	3.5	8.1	11.4	14.0	16.2	18.1	21.4	25.6	–	–	–	–	40°
	1480	3.5	8.1	11.4	14.0	16.2	18.1	21.4	25.6	–	–	–	–	80°
	14130	3.5	8.1	11.4	14.0	16.2	18.1	21.4	25.6	–	–	–	–	130°
	1815	4.0	10.4	14.7	18.0	20.8	23.2	27.5	32.9	–	–	–	–	15°
	1840	4.0	10.4	14.7	18.0	20.8	23.2	27.5	32.9	–	–	–	–	40°
	1880	4.0	10.4	14.7	18.0	20.8	23.2	27.5	32.9	–	–	–	–	80°
	18130	4.0	10.4	14.7	18.0	20.8	23.2	27.5	32.9	–	–	–	–	130°