

Full Cone Spray Nozzle

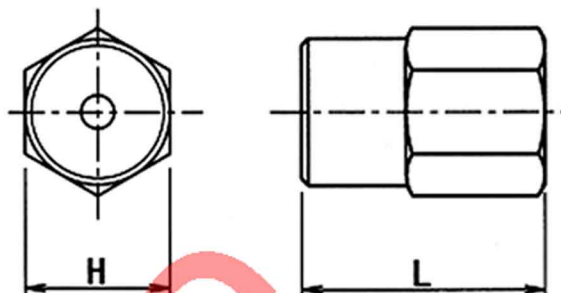


DESIGN FEATURES

Spray nozzles, which are used to spray air, water, or other fluids, play an essential role in the drying and cooling operations that must be carried out in every industrial process throughout the world. Most industrial spray nozzles are of either the atomizing or the flood jet type. Dozens of manufacturers produce atomizing nozzles and flood jet nozzles, and while certain companies specialize only in nozzles that produce fine atomization, other companies offer a wide variety of different types, or offer nozzles with special features. Provided by Nozzle Network Co., Ltd., the Spray Nozzle Global Search System harnesses the power of the Internet to give nozzle users access to the information they need to select the right nozzle from the vast assortment of models available around the world.

DIMENSIONS & WEIGHT

Model	Dimension (mm)		Connection	Weight (kg)
	L	H		
F1/4N2L	30	Hex. 17	Rc1/4	0.03
F3/8N2L	35	Hex. 21	Rc3/8	0.06
F1/2N2L	44	Hex. 26	Rc1/2	0.12
F3/4N2L	52	Hex. 32	Rc3/4	0.25
F1N2L	65	Hex. 41	Rc1	0.35



PERFORMANCE DATA

Model No.	Conn.	Min. Dia. mm	Unit MPa	Flow Rate-Spray Angle-Sauter Mean Diameter(SMD)											
				0.03	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.70	1.00		
F1/4N2L53S	Rc 1/4	1.5	l/min	-	1.55	2.15	2.60	3.00	3.60	4.10	4.45	5.15	6.00		
			°	-	82	87	90	90	90	91	92	93	95		
			μm	-	650	550	500	450	400	350	300	250	200		
F3/8N2L53S	Rc 3/8	1.75	l/min	2.00	2.60	3.65	4.35	5.00	5.95	6.80	7.35	8.60	10.0		
			°	75	82	87	90	90	90	91	92	93	95		
			μm	900	750	650	600	550	450	400	350	300	250		
F3/8N2L58S	Rc 3/8	2.0	l/min	3.25	4.15	5.90	7.05	8.00	9.40	10.8	11.6	13.7	16.0		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	950	800	700	650	600	500	450	400	350	300		
F1/2N2L512S	Rc 1/2	2.25	l/min	4.95	6.30	8.75	10.5	12.0	14.2	16.2	17.5	20.6	24.0		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1000	850	750	700	650	550	500	450	350	300		
F1/2N2L516S	Rc 1/2	3.0	l/min	6.60	8.40	11.5	14.0	16.0	19.1	21.5	23.3	27.4	32.0		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1050	900	800	750	700	600	550	500	400	350		
F1/2N2L520S	Rc 1/2	3.0	l/min	8.05	10.5	15.8	18.0	20.0	23.0	26.6	28.4	33.1	39.4		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1100	950	850	800	750	650	550	500	400	350		
F3/4N2L525S	Rc 3/4	3.0	l/min	9.90	13.0	18.8	22.2	25.0	29.1	33.5	36.1	42.1	49.6		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1150	1000	900	850	800	700	600	550	400	350		
F3/4N2L530S	Rc 3/4	4.0	l/min	11.6	15.5	21.6	26.2	30.0	35.3	40.5	44.1	51.3	60.0		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1200	1050	950	900	850	750	650	600	450	400		
F3/4N2L535S	Rc 3/4	4.0	l/min	14.3	18.6	26.2	31.1	35.0	41.1	46.9	51.1	59.2	69.6		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1250	1050	950	900	850	750	650	600	450	400		
F1N2L540S	Rc 1	4.0	l/min	17.2	21.9	30.0	36.1	40.0	47.0	53.2	58.0	66.9	79.2		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1300	1100	1000	950	900	800	700	650	500	400		
F1N2L542S	Rc 1	4.0	l/min	19.4	24.7	31.6	37.6	42.0	49.5	56.4	62.2	72.7	83.6		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1300	1100	1000	950	900	800	700	650	500	400		
F1N2L550S	Rc 1	5.5	l/min	24.7	31.3	37.0	44.3	50.0	59.2	67.9	75.7	89.4	100		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1350	1150	1050	1000	950	850	750	700	550	450		
F1N2L560S	Rc 1	5.5	l/min	27.8	35.6	44.0	53.2	60.0	70.0	78.9	86.3	101	117		
			°	85	86	88	90	90	90	91	92	93	95		
			μm	1350	1150	1050	1000	950	850	750	700	550	450		