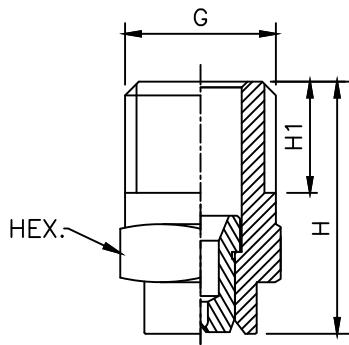


CN Series Flat Spray Nozzle (Insert Design)

CN



Standard design with self sealing thread connection. Stable spray angle, Uniform distribution of liquid, parabolical distribution of liquid.

Design : One piece construction, Non clogging type.

Application : Rinsing, Lubricating, Industrial washing machines, Cake washing in Centrifuge, CIP, Tray washing.

'C' Series Flat Spray Nozzles are designed for high pressure / high impact washing application. These nozzles are specially designed and machined with precision which allows even spray coverage and distribution. This results in effective and uniform cleaning action over the surface being processed. Flat spray nozzles are available in all steel grades, Plastics & other alloys. Spray angle range available from 15° to 120° .

15° SPRAY ANGLE	CONNECTION END		ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM				
	1/8"	1/4"		PRESSURE [BAR]							CONN.	H	H1	D	HEX
MODEL NO.	BSP BSPT NPT	BSP BSPT NPT		0.5	1.0	2.0	3.0	5.0	7.0	10.0					
CN11.050	●	●	0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12	1/8"	18	6.5	10.2	11
CN11.075	●	●	1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	1/8" Weight (Metals) = 7 gms. Approx				
CN11.100	●	●	1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	1/4"	22	10	13	14
CN11.150	●	●	1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	1/4" Weight (Metals) = 18 gms. Approx				
CN11.175	●	●	1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91					
CN11.200	●	●	1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47					
CN11.250	●	●	1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59					
CN11.300	●	●	2.1	1.5	2.12	3.0	3.67	4.74	5.61	6.71					
CN11.350	●	●	2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83					
CN11.400	●	●	2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94					
CN11.475	●	●	2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62					
CN11.650	●	●	3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53					
CN11.800	●	●	3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89					
CN21.100		●	3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36					
CN21.125		●	4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95					
CN21.160		●	4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78					
CN21.180		●	5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25					
CN21.200		●	5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72					
CN21.225		●	5.8	11.25	15.91	22.50	27.56	35.58	42.09	50.31					
CN21.250		●	6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90					

CN Series Flat Spray Nozzles (Insert Design)

30° SPRAY ANGLE	CONNECTION END		ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM				
	1/8"	1/4"		PRESSURE [BAR]											
MODEL NO.	BSP BSPT NPT	BSP BSPT NPT		0.5	1.0	2.0	3.0	5.0	7.0	10.0	CONN.	H	H1	D	HEX
CN12.050	●	●	0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12	1/8"	18	6.5	10.2	11
CN12.075	●	●	1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	1/8" Weight (Metals) = 7 gms. Approx				
CN12.100	●	●	1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	1/4"	22	10	13	14
CN12.150	●	●	1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	1/4" Weight (Metals) = 18 gms. Approx				
CN12.175	●	●	1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91					
CN12.200	●	●	1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47					
CN12.250	●	●	1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59					
CN12.300	●	●	2.1	1.5	2.12	3.0	3.67	4.74	5.61	6.71					
CN12.350	●	●	2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83					
CN12.400	●	●	2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94					
CN12.475	●	●	2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62					
CN12.650	●	●	3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53					
CN12.800	●	●	3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89					
CN22.100		●	3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36					
CN22.125		●	4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95					
CN22.160		●	4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78					
CN22.180		●	5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25					
CN22.200		●	5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72					
CN22.225		●	5.8	11.25	15.91	22.50	27.56	35.58	42.09	50.31					
CN22.250		●	6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90					

45° SPRAY ANGLE	END CONNECTION				ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE VALUES							G/A DIMENSION. MM				
	1/8"	1/4"	3/8"	1/2"		PRESSURE [BAR]											
MODEL NO.	BSP BSPT NPT	BSP BSPT NPT	BSP BSPT NPT	BSP BSPT NPT		0.5	1.0	2.0	3.0	5.0	7.0	10.0	CONN.	H	H1	D	HEX
CN13.050	●	●			0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12	1/8"	18	6.5	10.2	11
CN13.075	●	●			1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	1/8" Weight (Metals) = 7 gms. Approx				
CN13.100	●	●			1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	1/4"	22	10	13	14
CN13.150	●	●			1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	1/4" Weight (Metals) = 18 gms. Approx				
CN13.175	●	●			1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91	3/8"	25	12	16	17
CN13.200	●	●			1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47	3/8" Weight (Metals) = 28 gms. Approx				
CN13.250	●	●			1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59	1/2"	27	13.2	21	22
CN13.300	●	●				1.5	2.12	3.00	3.67	4.74	5.61	6.71	1/2" Weight (Metals) = 42 gms. Approx				
CN13.350	●	●			2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83					
CN13.400	●	●			2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94					
CN13.475	●	●			2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62					
CN13.650	●	●			3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53					
CN13.800	●	●			3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89					
CN23.100		●	●		3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36					
CN23.125		●	●		4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95					
CN23.160		●	●		4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78					
CN23.180		●	●		5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25					
CN23.200		●	●		5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72					
CN23.225		●	●		5.8	11.25	15.91	22.50	27.56	35.58	42.09	50.31					
CN23.250		●	●		6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90					
CN23.320			●	●	6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55					
CN23.400			●	●	7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44					
CN23.520				●	8.9	26.00	36.77	52.00	63.69	82.22	97.28	116.28					
CN23.650				●	9.9	32.50	45.96	65.00	79.61	102.77	121.60	145.34					
CN23.800				●	11.0	40.00	56.57	80.00	97.98	126.49	149.67	178.89					

CN Series Flat Spray Nozzles (Insert Design)

60° SPRAY ANGLE	END CONNECTION				ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE VALUES							G/A DIMENSION. MM				
	1/8"	1/4"	3/8"	1/2"		PRESSURE [BAR]							CONN.	H	H1	D	HEX
MODEL NO.	BSP BSPT NPT	BSP BSPT NPT	BSP BSPT NPT	BSP BSPT NPT		0.5	1.0	2.0	3.0	5.0	7.0	10.0					
CN14.050	●	●			0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12	1/8"	18	6.5	10.2	11
CN14.075	●	●			1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	1/8" Weight (Metals) = 7 gms. Approx				
CN14.100	●	●			1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	1/4"	22	10	13	14
CN14.150	●	●			1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	1/4" Weight (Metals) = 18 gms. Approx				
CN14.175	●	●			1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91	3/8"	25	12	16	17
CN14.200	●	●			1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47	3/8" Weight (Metals) = 28 gms. Approx				
CN14.250	●	●			1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59	1/2"	27	13.2	21	22
CN14.300	●	●			2.1	1.50	2.12	3.00	3.67	4.74	5.61	6.71	1/2" Weight (Metals) = 42 gms. Approx				
CN14.350	●	●			2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83					
CN14.400	●	●			2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94					
CN14.475	●	●			2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62					
CN14.650	●	●			3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53					
CN14.800	●	●			3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89					
CN24.100		●	●		3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36					
CN24.125		●	●		4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95					
CN24.160		●	●		4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78					
CN24.180		●	●		5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25					
CN24.200		●	●		5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72					
CN24.225		●	●		5.8	11.25	15.91	22.50	27.56	35.58	42.09	50.31					
CN24.250		●	●		6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90					
CN24.320			●	●	6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55					
CN24.400			●	●	7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44					
CN24.520				●	8.9	26.00	36.77	52.00	63.69	82.22	97.28	116.28					
CN24.650				●	9.9	32.50	45.96	65.00	79.61	102.77	121.60	145.34					
CN24.800				●	11.0	40.00	56.57	80.00	97.98	126.49	149.67	178.89					

90° SPRAY ANGLE	END CONNECTION				ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE VALUES							G/A DIMENSION. MM				
	1/8"	1/4"	3/8"	1/2"		PRESSURE [BAR]							CONN.	H	H1	D	HEX
MODEL NO.	BSP BSPT NPT	BSP BSPT NPT	BSP BSPT NPT	BSP BSPT NPT		0.5	1.0	2.0	3.0	5.0	7.0	10.0					
CN16.050	●	●			0.8	0.25	0.35	0.50	0.61	0.79	0.94	1.12	1/8"	18	6.5	10.2	11
CN16.075	●	●			1.0	0.37	0.53	0.75	0.92	1.19	1.40	1.68	1/8" Weight (Metals) = 7 gms. Approx				
CN16.100	●	●			1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	1/4"	22	10	13	14
CN16.150	●	●			1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	1/4" Weight (Metals) = 18 gms. Approx				
CN16.175	●	●			1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91	3/8"	25	12	16	17
CN16.200	●	●			1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47	3/8" Weight (Metals) = 28 gms. Approx				
CN16.250	●	●			1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59	1/2"	27	13.2	21	22
CN16.300	●	●			2.1	1.50	2.12	3.00	3.67	4.74	5.61	6.71	1/2" Weight (Metals) = 42 gms. Approx				
CN16.350	●	●			2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83					
CN16.400	●	●			2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94					
CN16.475	●	●			2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62					
CN16.650	●	●			3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53					
CN16.800	●	●			3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89					
CN26.100		●	●		3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36					
CN26.125		●	●		4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95					
CN26.160		●	●		4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78					
CN26.180		●	●		5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25					
CN26.200		●	●		5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72					
CN26.225		●	●		5.8	11.25	15.91	22.50	27.56	35.58	42.09	50.31					
CN26.250		●	●		6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90					
CN26.320			●	●	6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55					
CN26.400			●	●	7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44					
CN26.520				●	8.9	26.00	36.77	52.00	63.69	82.22	97.28	116.28					
CN26.650				●	9.9	32.50	45.96	65.00	79.61	102.77	121.60	145.34					
CN26.800				●	11.0	40.00	56.57	80.00	97.98	126.49	149.67	178.89					