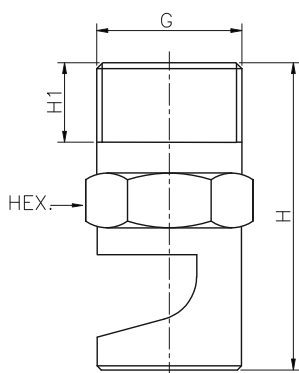


# CH Series Flood Spray Nozzles - Flat Type

CH



CH series flat nozzles work on the deflection principal conveying a water vein onto a machined deflection surface and produce a jet with a wide angle flat spray pattern medium impact value and medium size droplets.

Wide angle flat with sharply defined spray pattern. It is available with a threaded connection for the sizes form 1/8" to 1". These type of nozzles assure a wide coverage and an even distribution.

**Characteristic** : Flat nozzle work on the impact principle, with high efficiency and low plugging risks.

**Design** : One Piece construction, non clogging type accurately machined to provide very high impact

**Application** : Gravel washing, rinsing control of foam etc.

90° SPRAY ANGLE $\eta$ 50°	CONNECTION END						ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM			
	1/8"	1/4"	3/8"	1/2"	3/4"	1"		PRESSURE [BAR]										
	BSP BSPT NPT	BSP BSPT NPT	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	HEX
CH16.100	●						1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	1/8"	22	6.5	11
CH16.150	●						1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	Weight (Metals) = 21 gms. Approx			
CH16.175	●						1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91	1/4"	30	10	14
CH16.200	●						1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47	Weight (Metals) = 51 gms. Approx			
CH16.250	●	●					1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59	3/8"	36	10	17
CH16.300	●	●					2.1	1.50	2.12	3.00	3.67	4.74	5.61	6.71	Weight (Metals) = 140 gms. Approx			
CH16.350	●	●					2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83	1/2"	50	13.2	22
CH16.400	●	●					2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94	Weight (Metals) = 185 gms. Approx			
CH16.475	●	●					2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62	3/4"	56	14.5	27
CH16.650	●	●					3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53	Weight (Metals) = 235 gms. Approx			
CH16.800	●	●					3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89	1"	72	16.8	46
CH26.100	●	●	●				3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36	Weight (Metals) = XX gms. Approx			
CH26.125		●	●				4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95				
CH26.160		●	●				4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78				
CH26.180			●				5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25				
CH26.200			●	●			5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72				
CH26.250				●			6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90				
CH26.320				●			6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55				
CH26.400				●			7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44				
CH26.520					●		8.9	26.00	36.77	52.00	63.69	82.22	97.28	116.28				
CH26.650					●		9.9	32.50	45.96	65.00	79.61	102.77	121.60	145.34				
CH26.800					●		11.0	40.00	56.57	80.00	97.98	126.49	149.67	178.89				
CH36.100					●		11.3	50.00	70.71	100.0	122.4	158.1	187.0	223.6				
CH36.160						●	14.3	80.00	113.14	160.0	195.96	252.98	299.33	357.77				
CH36.200						●	16.0	100.0	141.42	200.0	244.95	316.23	374.17	447.21				

# CH Series Flood Spray Nozzles - Flat Type

140° SPRAY ANGLE $\eta$ 75°	CONNECTION END						ORIFICE SIZE (mm)	FLOW CAPACITY IN LPM AT DIFFERENT PRESSURE							G/A DIMENSION. MM		
	1/8"	1/4"	3/8"	1/2"	3/4"	1"		PRESSURE [BAR]									
	MODEL NO. $\Delta$	BSP BSPT NPT	BSP BSPT NPT	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
CH19.100	●						1.2	0.50	0.71	1.00	1.22	1.58	1.87	2.24	1/8"	25	11
CH19.150	●						1.5	0.75	1.06	1.50	1.84	2.37	2.81	3.35	Weight (Metals) = XX gms. Approx		
CH19.175	●						1.6	0.87	1.24	1.75	2.14	2.77	3.27	3.91	1/4"	27	14
CH19.200	●						1.7	1.00	1.41	2.00	2.45	3.16	3.74	4.47	Weight (Metals) = XX gms. Approx		
CH19.250	●	●					1.9	1.25	1.77	2.50	3.06	3.95	4.68	5.59	3/8"	33	17
CH19.300	●	●					2.1	1.50	2.12	3.00	3.67	4.74	5.61	6.71	Weight (Metals) = XX gms. Approx		
CH19.350	●	●					2.3	1.75	2.47	3.50	4.29	5.53	6.55	7.83	1/2"	50	22
CH19.400	●	●					2.4	2.00	2.83	4.00	4.90	6.32	7.48	8.94	Weight (Metals) = XX gms. Approx		
CH19.475	●	●					2.7	2.37	3.36	4.75	5.82	7.51	8.89	10.62	3/4"	56	27
CH19.650	●	●					3.1	3.25	4.60	6.50	7.96	10.28	12.16	14.53	Weight (Metals) = XX gms. Approx		
CH19.800	●	●					3.5	4.00	5.66	8.00	9.80	12.65	14.97	17.89	1"	72	46
CH29.100	●	●	●				3.9	5.00	7.07	10.00	12.25	15.81	18.71	22.36	Weight (Metals) = XX gms. Approx		
CH29.125		●	●				4.3	6.25	8.84	12.50	15.31	19.76	23.39	27.95			
CH29.160		●	●				4.9	8.00	11.31	16.00	19.60	25.30	29.93	35.78			
CH29.180			●				5.2	9.00	12.73	18.00	22.05	28.46	33.67	40.25			
CH29.200			●	●			5.5	10.00	14.14	20.00	24.49	31.62	37.42	44.72			
CH29.250				●			6.1	12.50	17.68	25.00	30.62	39.53	46.77	55.90			
CH29.320				●			6.4	16.00	22.63	32.00	39.19	50.60	59.87	71.55			
CH29.400				●			7.8	20.00	28.28	40.00	48.99	63.25	74.83	89.44			
CH29.520					●		8.9	26.00	36.77	52.00	63.69	82.22	97.28	116.28			
CH29.650					●		9.9	32.50	45.96	65.00	79.61	102.77	121.60	145.34			
CH29.800					●		11.0	40.00	56.57	80.00	97.98	126.49	149.67	178.89			
CH39.100					●		11.3	50.00	70.71	100.0	122.4	158.1	187.0	223.6			
CH39.160						●	14.3	80.00	113.14	160.0	195.96	252.98	299.33	357.77			
CH39.200						●	16.0	100.0	141.42	200.0	244.95	316.23	374.17	447.21			
CH39.250						●	17.8	125.00	176.00	250.0	306.19	395.28	467.71	559.02			

