

Characteristics

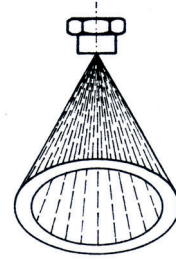
Uniform distribution due to deflected hollow cone jet, 120°, 150° or 180° spray angle, varies with deflector cap. Deflector cap is exchangeable.

Application

For inside cleaning and treatment. Process engineering - chemical and general.

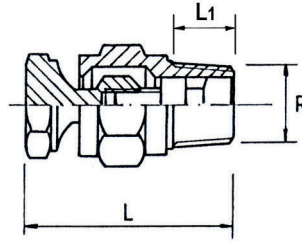
Material

Brass
Steel
Stainless steel V2A, V4A
Others on request



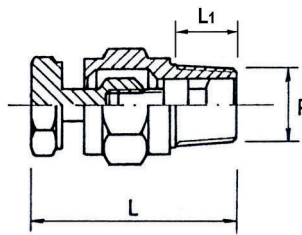
Hollow cone spray pattern

Illu. 2



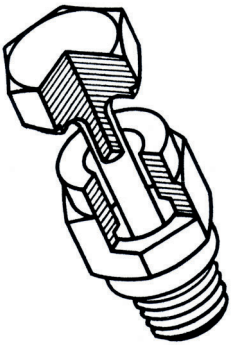
Spray angle
120° - 150°

Illu. 3



Spray angle
180°

Illu. 1



Dimensions in mm			
Thread R	L	L1	SW
1/8"	30	6	13
1/4"	32	10	14
3/8"	44	10	17

Order example: (thread - type - material) 1/8" - HP 7.5 - V4A

B = outlet bore, E = smallest section, drillings vary slightly with different spray angles

Male thread R			Type	Flow rate \dot{V} (l/min.) at pressure p (bar)										
1/8"	1/4"	3/8"		bar 0.25	bar 0.5	bar 0.75	bar 1	bar 1.5	bar 2	bar 2.5	bar 3	bar 4	bar 5	bar 6
*			HP 3	0.67	0.96	1.17	1.35	1.65	1.92	2.14	2.35	2.71	3.03	3.32
*			HP 3.7	0.85	1.20	1.47	1.71	2.09	2.42	2.70	2.96	3.42	3.82	4.20
*			HP 5	1.16	1.61	1.96	2.28	2.76	3.22	3.60	3.95	4.56	5.10	5.58
*			HP 7.5	1.70	2.40	2.96	3.40	4.16	4.82	5.38	5.90	6.80	7.60	8.32
	*		HP 8	1.80	2.55	3.12	3.61	4.42	5.10	5.70	6.25	7.22	8.06	8.84
	*		HP 10	2.26	3.18	3.90	4.51	5.52	6.37	7.13	7.80	9.02	10.1	11.0
	*		HP 15	3.39	4.78	5.87	6.78	8.30	9.60	10.7	11.7	13.6	15.2	16.6
	*		HP 20	4.52	6.39	7.85	9.05	11.1	12.8	14.3	15.6	18.1	20.2	22.2
	*		HP 25	5.70	8.05	9.86	11.4	13.9	16.1	18.0	19.7	22.8	25.5	28.0
	*		HP 30	6.75	9.60	11.7	13.5	16.5	19.2	21.4	23.5	27.1	30.3	33.2
		*	HP 25	5.70	8.05	9.86	11.4	13.9	16.1	18.0	19.7	22.8	25.5	28.0
		*	HP 30	6.75	9.60	11.7	13.5	16.5	19.2	21.4	23.5	27.1	30.3	33.2
		*	HP 35	7.90	11.2	13.7	15.8	19.3	22.3	25.0	27.4	31.6	35.3	38.8
		*	HP 40	9.06	12.8	15.7	18.2	22.5	25.6	28.7	31.4	36.3	40.5	44.4
		*	HP 45	10.0	14.3	17.3	20.0	24.4	28.2	31.6	34.6	40.0	44.6	49.0
		*	HP 50	11.6	16.1	19.6	22.8	27.6	32.2	36.0	39.5	45.6	51.0	55.8
		*	HP 60	13.4	19.0	23.3	26.9	32.9	38.0	42.5	46.6	53.8	60.2	65.8