

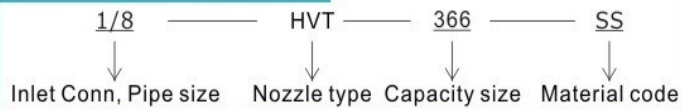
HV seires flat fan nozzles



DESIGN FEATURES

HVT series flat spray nozzle is one kind of nozzle with super short specification in one-piece style nozzles. The exposed part with size of 5-7mm, thus they are used in defined space specially. They have 1/4"-3/4" male screw, with 90-120 degrees spray angle, adopt groove design, they also have non-inbuilt one-piece style, insert part can be made by ceramic, stainless steel, tungsten carbide etc. Free choice for spray angle of 30-120 degrees, and flow rate from 0.1 to 48.99 L/min. There are also plastic nozzle for special low pressure and chemical resistance in this series.

ORDERING INFORMATION



HVT spray tip insert part pictures:



Series	Pipe conn. size	Dimension(mm)						Weight(g)		
		1/8	1/4	3/4	n1	n2	h	D	SS	BRASS
HVT	HVT-01/ HVT-02		●		8	5	13	14	13	14
	HVT-03		●		12	7	19	27	58	75
				●		10	10	20	17	30
HVK	HVK-03			●	10	10	20	30	64	68
			●		10	10	20	7.0	12	14.2
				●	11	11	22	8.0	14.5	17.2

PERFORMANCE DATA

Note:
No tip material code=SS material

Nozzle inlet Conn. NPT or BSPT	Capacity size	Spray angle						Equiv. orifice Diam. (mm)	Effective Diam. (mm)	Capacity (L/min)				
		30°	45°	60°	75°	90°	120°			1bar	2bar	3bar	5bar	10bar
1/8	185				●		0.35	0.2	0.06	0.08	0.1	0.13	0.18	
1/8	187						0.35	0.2	0.06	0.08	0.1	0.13	0.18	
1/8	245					●	0.50	0.3	0.12	0.16	0.2	0.26	0.36	
1/8	247						0.50	0.2	0.12	0.16	0.2	0.26	0.36	
1/8	304				●		0.7	0.4	0.23	0.32	0.39	0.51	0.72	
1/8	306					●	0.7	0.4	0.23	0.32	0.39	0.51	0.72	
1/8	307						0.7	0.3	0.23	0.32	0.39	0.51	0.72	
1/8	334				●		0.9	0.5	0.32	0.45	0.55	0.71	1.01	
1/8	336					●	0.9	0.5	0.32	0.45	0.55	0.71	1.01	
1/8	337						0.9	0.4	0.32	0.45	0.55	0.71	1.01	
1/8	364				●		1.0	0.6	0.44	0.63	0.77	1.0	1.40	
1/8	366					●	1.0	0.5	0.44	0.63	0.77	1.0	1.40	
1/8	367						1.0	0.5	0.44	0.63	0.77	1.0	1.40	
1/8	404				●		1.2	0.8	0.71	1.00	1.23	1.58	2.24	
1/8	406					●	1.2	0.7	0.71	1.00	1.23	1.58	2.24	
1/8	407						1.2	0.6	0.71	1.00	1.23	1.58	2.24	
1/8	482		●				1.5	1.1	1.13	1.60	1.96	2.53	3.58	
1/8	483			●			1.5	1.1	1.13	1.60	1.96	2.53	3.58	
1/8	484				●		1.5	1.0	1.13	1.60	1.96	2.53	3.58	
1/8	486					●	1.5	0.8	1.13	1.60	1.96	2.53	3.58	
1/8	487						1.5	0.6	1.13	1.60	1.96	2.53	3.58	
1/8	562		●				2.0	1.5	1.77	2.50	3.06	3.95	5.59	
1/8	563			●			2.0	1.4	1.77	2.50	3.06	3.95	5.59	
1/8	564				●		2.0	1.3	1.77	2.50	3.06	3.95	5.59	
1/8	566					●	2.0	1.1	1.77	2.50	3.06	3.95	5.59	
1/8	567						2.0	0.9	1.77	2.50	3.06	3.95	5.59	
1/4	642		●				2.5	1.8	2.83	4.0	4.90	6.33	8.94	
1/4	643			●			2.5	1.8	2.83	4.0	4.90	6.33	8.94	
1/4	644				●		2.5	1.6	2.83	4.0	4.90	6.33	8.94	
1/4	646					●	2.5	1.3	2.83	4.0	4.90	6.33	8.94	
1/4	647						2.5	1.3	2.83	4.0	4.90	6.33	8.94	
1/4	722		●				3.0	2.4	4.46	6.3	7.72	9.96	14.09	
1/4	723			●			3.0	2.4	4.46	6.3	7.72	9.96	14.09	
1/4	724				●		3.0	2.1	4.46	6.3	7.72	9.96	14.09	
1/4	726					●	3.0	1.7	4.46	6.3	7.72	9.96	14.09	
1/4	727						3.0	1.6	4.46	6.3	7.72	9.96	14.09	
1/4	802		●				4.0	3.1	7.07	10.0	12.25	15.81	22.36	
1/4	803			●			4.0	3.0	7.07	10.0	12.25	15.81	22.36	
1/4	804				●		4.0	2.6	7.07	10.0	12.25	15.81	22.36	
1/4	806					●	4.0	2.4	7.07	10.0	12.25	15.81	22.36	
1/4	884					●	5.0	3.4	11.31	16.0	19.54	25.3	35.78	
1/4	886						5.0	3.1	11.31	16.0	19.54	25.3	35.78	

