



Flat fan nozzles Series 616/617



Uniform, parabolic distribution of liquid. Increased non-clogging features, more jet power, less fog.

Applications:

Anchor washing, rain curtains, reducing radiated heat.



Spray angle 	Ordering no.				A Ø [in]	E Ø [in]	Flow Rate [gal/min]							Spray width B at p=30 psi 	
	Type	Mat. no.					p [psi]							H = 10 in	H = 20 in
		16 303 SS	17 ¹ 316Ti SS/ 316L SS	30 Brass			7 psi	15 psi	30 psi	liters per minute 2 bar	45 psi	75 psi	145 psi		
45°	616.723	○	○	○	0.12	0.09	.82	1.20	1.66	6.3	2.07	2.63	3.72	6.89	12.99
	616.763	○	○	○	0.14	0.10	1.04	1.52	2.11	8	2.44	3.34	4.73	6.89	12.99
	616.803	○	○	○	0.16	0.12	1.30	1.90	2.64	10	3.29	4.18	5.91	6.89	13.19
	616.843	○	○	○	0.18	0.13	1.62	2.37	3.30	12.5	4.11	5.22	7.38	7.09	13.19
	616.883	○	○	○	0.20	0.15	2.08	3.04	4.23	16	5.27	6.68	9.45	7.28	13.78
	616.923	○	○	○	0.22	0.17	2.60	3.80	5.28	20	6.58	8.35	11.81	7.48	14.17
	616.963	○	○	○	0.24	0.17	3.24	4.75	6.60	25	8.23	10.44	14.77	7.87	14.76
60°	616.724	○	○	○	0.12	0.08	.82	1.20	1.66	6.3	2.07	2.63	3.72	11.61	22.64
	616.764	○	○	○	0.14	0.09	1.04	1.52	2.11	8	2.44	3.34	4.73	11.81	22.83
	616.804	○	○	○	0.16	0.10	1.30	1.90	2.64	10	3.29	4.18	5.91	11.81	22.83
	616.844	○	○	○	0.18	0.12	1.62	2.37	3.30	12.5	4.11	5.22	7.38	11.81	22.83
	616.884	○	○	○	0.20	0.13	2.08	3.04	4.23	16	5.27	6.68	9.45	11.81	22.83
	616.924	○	○	○	0.22	0.16	2.60	3.80	5.28	20	6.58	8.35	11.81	11.81	22.83
	616.964	○	○	○	0.24	0.17	3.24	4.75	6.60	25	8.23	10.44	14.77	11.81	22.83
	617.044	○	-	○	0.31	0.22	5.19	7.60	10.57	40	13.16	16.71	23.63	11.81	22.83
617.124	-	-	○	0.39	0.29	8.18	11.97	16.64	63	20.73	26.31	37.21	11.81	22.83	
90°	616.726	○	○	○	0.12	0.07	.82	1.20	1.66	6.3	2.07	2.63	3.72	21.26	39.37
	616.766	○	○	○	0.14	0.07	1.04	1.52	2.11	8	2.63	3.34	4.73	21.65	39.76
	616.806	○	○	○	0.16	0.09	1.30	1.90	2.64	10	3.29	4.18	5.91	21.65	39.76
	616.846	○	○	○	0.18	0.09	1.62	2.37	3.30	12.5	4.11	5.22	7.38	21.65	40.16
	616.886	○	○	○	0.20	0.12	2.08	3.04	4.23	16	5.27	6.68	9.45	21.65	40.16
	616.926	○	○	○	0.22	0.14	2.60	3.80	5.28	20	6.58	8.35	11.81	21.85	40.35
	616.966	○	○	○	0.24	0.15	3.24	4.75	6.60	25	8.23	10.44	14.77	22.05	40.55
120°	616.727	○	○	○	0.12	0.06	.82	1.20	1.66	6.3	2.07	2.63	3.72	38.39	69.09
	616.767	○	○	○	0.14	0.07	1.04	1.52	2.11	8	2.63	3.34	4.73	38.19	68.90
	616.807	○	○	○	0.16	0.08	1.30	1.90	2.64	10	3.29	4.18	5.91	37.99	68.50
	616.887	○	○	○	0.18	0.10	2.08	3.04	4.23	16	5.27	6.68	9.45	37.60	68.11
	616.927	○	○	○	0.20	0.11	2.60	3.80	5.28	20	6.58	8.35	11.81	37.40	67.72
	616.967	-	-	○	0.22	0.13	3.24	4.75	6.60	25	8.23	10.44	14.77	37.40	67.72
	617.047	-	-	○	0.24	0.17	5.19	7.60	10.57	40	13.16	16.71	23.63	37.40	67.72

¹ We reserve the right to deliver 316Ti SS or 316L SS under the Material no. 17.
A = equivalent bore diameter · E = narrowest free cross section
Subject to technical modifications.
Other materials on request

Example	Type	+	Material-no.	=	Ordering no.
for ordering:	616.723	+	16	=	616.723.16