Flat fan nozzles for retaining nut

Series 652

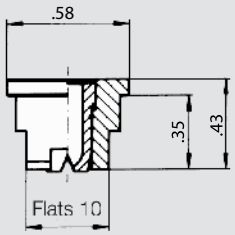
Assembly with retaining nut. Easy nozzle changing, simple jet alignment. Parabolic distribution of liquid. Spray pipes equipped with these nozzles show an extremely uniform total liquid distribution.

Applications:
Cleaning, surface treatment, pickling, rinsing.

Mat. no. 17
(∢ 20°-60°)

Mat. no. 17
(∢ 90°-120°)

PVDF



Spray angle	Ordering no. Type	Mat. no. 17[1] AISI 316Ti/ AISI 316L	Mat. no. 5E PVDF	Equivalent Orifice diam. [in]	Free passage [in]	Flow Rate (Gallons Per Minute) 10 psi	20 psi	liters per minute 2 bar	40 psi	60 psi	80 psi	100 psi	Spray width B at p=30 psi H=10"	H=20"
20°	**652. 441**	○	○	.053	.043	.19*	.27	1.3	.39	.48	.55	.61	3	5
	652. 481	○	○	.059	.047	.25	.35	1.6	.50	.61	.70	.78	3	5
30°	**652. 482**	○	○	.059	.043	.25*	.35	1.6	.50	.61	.70	.78	5	9
	652. 562	○	○	.079	.059	.39	.55	2.5	.78	.95	1.1	1.2	5	9
	652. 642	○	-	.099	.071	.62	.88	4.0	1.2	1.5	1.8	2.0	5	9
	652. 722	○	-	.118	.095	.98	1.4	6.3	2.0	2.4	2.8	3.1	5.	9
	652. 762	○	-	.138	.106	1.2	1.8	8.0	2.5	3.0	3.5	3.9	5	9
	652. 802	○	-	.158	.122	1.6	2.2	10.0	3.1	3.8	4.4	4.9	5	9
45°	**652. 483**	○	○	.059	.043	.25*	.35	1.6	.50	.61	.70	.78	7	13
	652. 563	○	○	.079	.055	.39	.55	2.5	.78	.95	1.1	1.2	7	13
	652. 643	○	○	.099	.071	.62	.88	4.0	1.2	1.5	1.8	2.0	7	14
	652. 723	○	-	.118	.095	.98	1.4	6.3	2.0	2.4	2.8	3.1	7	14
	652. 763	○	-	.138	.102	1.2	1.8	8.0	2.5	3.0	3.5	3.9	7	14
	652. 803	○	-	.158	.118	1.6	2.2	10.0	3.1	3.8	4.4	4.9	8	14
60°	**652. 484**	○	○	.059	.039	.25*	.35	1.6	.50	.61	.70	.78	11	21
	652. 514	○	○	.065	.43	.29	.42	1.9	.59	.72	.83	.93	11	21
	652. 564	○	○	.079	.051	.39	.55	2.5	.78	.95	1.1	1.2	11	21
	652. 604	○	○	.087	.059	.49	.69	3.2	.98	1.2	1.4	1.5	11	20
	652. 644	○	○	.099	.063	.62	.88	4.0	1.2	1.5	1.8	2.0	11	20
	652. 674	○	○	.106	.071	.74	1.0	4.8	1.5	1.8	2.1	2.3	11	20
	652. 724	○	○	.118	.083	.98	1.4	6.3	2.0	2.4	2.8	3.1	11	20
	652. 764	○	-	.138	.091	1.2	1.8	8.0	2.5	3.0	3.5	3.9	11	20
	652. 804	○	○	.158	.102	1.6	2.2	10.0	3.1	3.8	4.4	4.9	11	20
	652. 844	-	○	.177	.118	1.9	2.7	12.5	3.9	4.8	5.5	6.1	11	20
90°	**652. 566**	○	○	.079	.043	.39	.55	2.5	.78	.95	1.1	1.2	18	22
	652. 606	○	○	.087	.047	.49	.69	3.2	.98	1.2	1.4	1.5	18	32
	652. 646	○	○	.099	.051	.62	.88	4.0	1.2	1.5	1.8	2.0	18	32
	652. 676	○	○	.106	.055	.74	1.0	4.8	1.5	1.8	2.1	2.3	18	32
	652. 726	○	○	.118	.067	.98	1.4	6.3	2.0	2.4	2.8	3.1	18	32
	652. 766	○	-	.138	.075	1.2	1.8	8.0	2.5	3.0	3.5	3.9	18	32
	652. 806	○	○	.158	.095	1.6	2.2	10.0	3.1	3.8	4.4	4.9	18	32
	652. 846	-	○	.177	.095	1.9	2.7	12.5	3.9	4.8	5.5	6.1	18	32
	652. 886	-	○	.197	.122	2.5	3.5	16.0	5.0	6.1	7.0	7.8	18	33
120°	**652. 607**	○	○	.087	.043	.49	.69	3.2	.98	1.2	1.4	1.5	27	51
	652. 647	○	-	.099	.051	.62	.88	4.0	1.2	1.5	1.8	2.0	27	51
	652. 677	○	-	.106	.055	.74	1.0	4.8	1.5	1.8	2.1	2.3	27	51
	652. 727	○	○	.118	.063	.98	1.4	6.3	2.0	2.4	2.8	3.1	27	52
	652. 767	○	-	.138	.067	1.2	1.8	8.0	2.5	3.0	3.5	3.9	28	52
	652. 847	-	○	.177	.091	1.9	2.7	12.5	3.9	4.8	5.5	6.1	31	57
	652. 887	-	○	.197	.102	2.5	3.5	16.0	5.0	6.1	7.0	7.8	31	57

[1] We reserve the right to deliver AISI 316Ti or AISI 316L under the material no. 17.A · *differing spray pattern

Conversion formula for the above series: $V_2 = V_1 \sqrt{\frac{P_2}{P_1}}$

Example of ordering:	Type	+	Material no.	= Ordering no.
	652. 441	+	17	= 652. 441. 17