



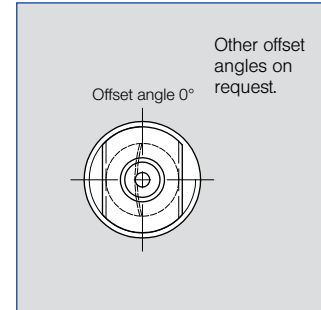
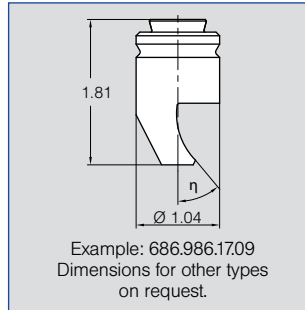
Tongue-type nozzles with dovetail and captive cap nut

Series 686. XXX.WW.09



Wide, sharply defined flat fan pattern.
Non-clogging.
Automatic jet alignment due to dovetail guide.
Captive cap nut for easy maintenance.

Applications:
 Pickling, rinsing.

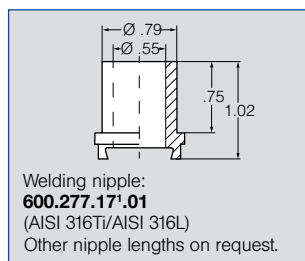
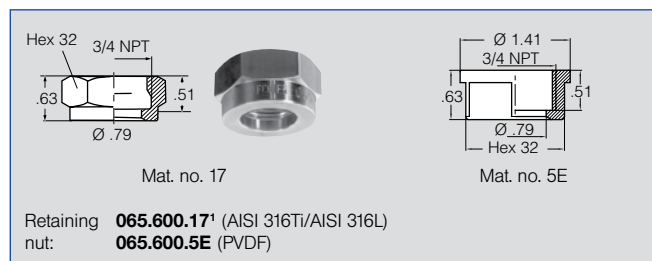


Spray angle	η	Ordering no.		Orifice diameter [in]	Flow Rate (Gallons Per Minute)			Spray width B at p=30 psi H=10"
		Type	Mat. no. 17 ¹ AISI 316Ti/ AISI 316L		14.5 psi	liters per minute	72.5 psi	
90°	40°	686. 646	○	.087	0.75	4.0	1.7	21
		686. 686	○	.087	0.94	5.0	2.1	21
		686. 726	○	.094	1.2	6.3	2.6	21
		686. 766	○	.106	1.5	8.0	3.3	21
		686. 806	○	.118	1.9	10.0	4.2	21
		686. 846	○	.134	2.3	12.5	5.2	21
		686. 886	○	.150	3.0	16.0	6.7	21
		686. 926	○	.165	3.7	20.0	8.4	21
		686. 966	○	.185	4.7	25.0	10.4	21
686. 986	○	.209	5.2	28.0	11.7	21		
140°	75°	686. 648	○	.220	.75	4.0	1.7	54
		686. 688	○	.087	.94	5.0	2.1	54
		686. 728	○	.094	1.2	6.3	2.6	54
		686. 768	○	.106	1.5	8.0	3.3	54
		686. 808	○	.118	1.9	10.0	4.2	54
		686. 828	○	.134	2.1	11.2	4.7	54
		686. 848	○	.142	2.3	12.5	5.2	54
		686. 888	○	.150	3.0	16.0	6.7	54
		686. 908	○	.165	3.4	18.0	7.6	54
		686. 928	○	.177	3.7	20.0	8.3	54
		686. 948	○	.185	4.2	22.4	9.4	54
		686. 968	○	.193	4.7	25.0	10.4	54
		686. 988	○	.209	5.2	28.0	11.7	54

¹We reserve the right to deliver AISI 316Ti or AISI 316L under the material no. 17.

Other types and materials on request.

Example **Type** + **Material no.** + **Code** = **Ordering no.**
of ordering: **686. 646** + **17** + **09** = **686. 646. 17. 09**



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Welding nipples and cap nuts must be ordered separately. Please see pages 44 and 45 for suitable accessories.

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