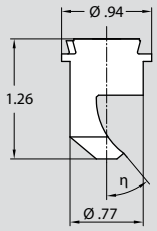
Tongue-type nozzles with dovetail

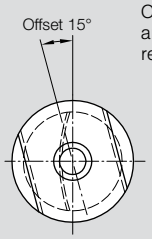
Series 686. XXX.WW.15

Wide, sharply defined flat fan pattern.
Non-clogging.
Automatic jet alignment due to dovetail guide.

Applications:
Pickling, rinsing.



Example: 686.926.17.15
Dimensions for other types on request.



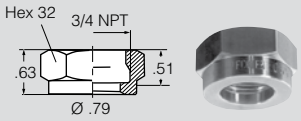
Other offset angles on request.

Spray angle	η	Ordering no. Type	Mat. no. 17[1] AISI 316Ti/ AISI 316L	Orifice diameter [in]	Flow Rate (Gallons Per Minute) 14.5 psi	liters per minute 2.0 bar	72.5 psi	Spray width B at p=30 psi H=10"
90°	40°	**686. 646**	○	.087	.75	4.0	1.7	21
		686. 686	○	.094	.94	5.0	2.1	21
		686. 726	○	.106	1.2	6.3	2.6	21
		686. 766	○	.118	1.5	8.0	3.3	21
		686. 806	○	.134	1.9	10.0	4.2	21
		686. 846	○	.150	2.3	12.5	5.2	21
		686. 886	○	.165	3.0	16.0	6.7	21
		686. 926	○	.185	3.7	20.0	8.4	21
		686. 966	○	.209	4.7	25.0	10.4	21
		686. 986	○	.220	5.2	28.0	11.7	21
140°	75°	**686. 648**	○	.087	0.8	4.0	1.7	54
		686. 688	○	.094	0.9	5.0	2.1	54
		686. 728	○	.106	1.2	6.3	2.7	54
		686. 768	○	.118	1.5	8.0	3.3	54
		686. 808	○	.134	1.9	10.0	4.2	54
		686. 828	○	.142	2.1	11.2	4.7	54
		686. 848	○	.150	2.3	12.5	5.2	54
		686. 888	○	.165	3.0	16.0	6.7	54
		686. 908	○	.177	3.4	18.0	7.5	54
		686. 928	○	.185	3.7	20.0	8.4	54
		686. 948	○	.193	4.2	22.4	9.4	54
		686. 968	○	.209	4.7	25.0	10.4	54
		686. 988	○	.220	5.2	28.0	11.7	54

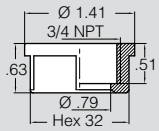
[1] We reserve the right to deliver AISI 316Ti or AISI 316L under the material no. 17.

Other types and materials on request.

Example of ordering:	Type	+	Material no.	+	Code	=	Ordering no.
	686. 646	+	**17**	+	**15**	=	**686. 646. 17. 15**

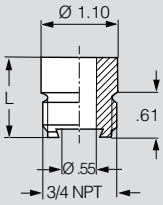


Mat. no. 17



Mat. no. 5E

Retaining nut:
065.600.17[1] (AISI 316Ti/AISI 316L)
065.600.5E (PVDF)



Welding nipple:
066.410.17[1]
(AISI 316Ti/AISI 316L):
L= 27 mm
066.410.5E (PVDF):
L= 27 mm
Other nipple lengths on request.

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

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