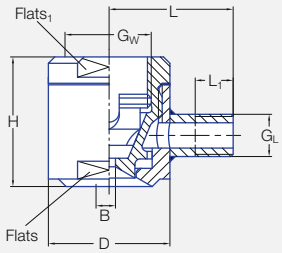
Twin-fluid nozzles
Series 150

Fine liquid atomization by means of air or vapour.

- Liquid, air or vapour are supplied under pressure
- The air or vapour pressure must always be higher than liquid pressure
- A higher air-/water ratio leads to finer atomization

Applications:
Chemical process engineering, cooling processes, atomizing viscous liquids.



Type	G_W BSPP	G_L BSPP	H [mm]	D [mm]	L [mm]	L_1 [mm]	Flats [mm]	$Flats_1$ [mm]	Weight 316Ti SS
150.005.17 – 150.013.17	G 3/8	G 1/4 A	38.0	28.0	32.5	10.0	24.0	24.0	140 g
150.032.17	G 1	G 3/8 A	52.0	48.0	49.0	15.0	41.0	41.0	500 g
150.050.17 – 150.063.17	G 1 1/4	G 1/2 A	75.0	65.0	58.0	15.0	55.0	55.0	1350 g

Spray angle	Ordering no.		B Ø [mm]	E Ø [mm]	**V̇** [l/min]						V_n [m³/h] Air			
	Type	Mat. no. **17**[1] 316Ti SS			**p** [bar]						Air pressure **p [bar]**			
					0.3	0.5	0.7	1.0	1.5	2.0	1.0	2.0	3.0	4.0
20-30°	**150.005**	○	1.0	1.0	0.15	0.20	0.24	0.28	0.35	0.40	10	15	20	25
	150.007	○	2.0	2.0	0.39	0.50	0.59	0.71	0.87	1.00	10	15	20	25
	150.009	○	4.0	2.0	0.97	1.25	1.48	1.77	2.17	2.50	10	15	20	25
	150.010	○	3.5	2.0	1.55	2.00	2.37	2.83	3.46	4.00	10	15	20	25
	150.013	○	6.0	2.0	3.10	4.00	4.73	5.66	6.93	8.00	10	15	20	25
	150.032	○	8.0	2.7	3.10	4.00	4.73	5.66	6.93	8.00	31	47	63	80
	150.050	○	9.0	4.9	6.20	8.00	9.47	11.31	13.86	16.00	60	90	120	150
	150.052	○	9.0	4.9	12.20	15.75	18.64	22.27	27.28	31.50	60	90	120	150
	150.063	○	15.0	4.9	24.40	31.50	37.27	44.55	54.56	63.00	100	150	200	250

[1] We reserve the right to deliver 316Ti SS or 316L SS under the material no. 17.
B = bore diameter · E = narrowest free cross section

Example for ordering:	**Type**	**+**	**Material no.**	**=**	**Ordering no.**
	150.005	**+**	**17**	**=**	**150.005.17**