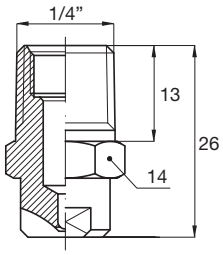
LOW CAPACITY TYPES



These standard model flat jet nozzles are available in a very wide range of capacities, spray angles and materials. The connection thread is tapered in order to easily allow for both a tight connection and a correct spray pattern orientation. Nozzles shown on this page cover the low to minimal capacity range from 0.06 to 1.60 litres per minute. The tiny outlet orifices, made on high precision machine tooling may require to be protected against plugging by means of adequate filtering in the supply line, depending upon the quantity and type of solids suspended in the liquid.

Materials	B1	AISI 303 Stainless steel
	B3	AISI 316 Stainless steel
	T1	Brass

Low capacity nozzle bodies as shown on this page may be supplied on request with an internal thread, allowing for assembly of individual filters on each nozzle. See detailed specification on VEF filter cartridges in our Accessories Catalogue CTG AC20.

Materials and minimum capacities

Because of the extreme difficulty to work hard materials such as stainless steels with very small profile drills not all the capacity sizes shown in the nozzle table are available in all materials. The table below shows the minimum capacity values we can produce for each given material. Please contact our offices for information on the maximum spray angle available for each capacity and material.

How to compose the nozzle code

The nozzle shown on this page can be supplied with eight different spray angles, whose value is indicated by the third digit in the nozzle code.
Therefore, the nozzle code has to be identified as in the following example.

JBR 0780 B3

65°

Codes for the different spray angles are listed in the table beside.

JBD 25°	JBL 40°	JBN 50°	JBR 65°	JBS 75°	JBT 80°	JBV 95°	JBJ 110°	Code	Capacity at different pressure values (lpm) (bar)								
									0.7	1.0	1.5	2.0	3.0	4.0	5.0	7.0	10
			•					**0060**			0.04	0.05	0.06	0.07	0.08	0.09	0.11
			•					**0100**			0.07	0.08	0.10	0.12	0.13	0.15	0.18
			•					**0130**			0.09	0.11	0.13	0.15	0.17	0.20	0.24
			•					**0150**		0.09	0.11	0.12	0.15	0.17	0.19	0.23	0.27
			•		•		•	**0200**		0.12	0.14	0.16	0.20	0.23	0.26	0.31	0.37
•	•	•	•		•		•	**0260**		0.15	0.18	0.21	0.26	0.30	0.34	0.40	0.47
•	•	•	•	•	•	•	•	**0390**		0.23	0.28	0.32	0.39	0.45	0.50	0.60	0.71
•	•	•	•	•	•	•	•	**0590**	0.28	0.34	0.42	0.48	0.59	0.68	0.76	0.90	1.08
•	•	•	•	•	•	•	•	**0780**	0.38	0.45	0.55	0.64	0.78	0.90	1.01	1.19	1.42
•	•	•	•	•	•	•	•	**1120**	0.58	0.69	0.85	0.98	1.20	1.39	1.55	1.83	2.19
•	•	•	•		•	•	•	**1160**	0.77	0.92	1.13	1.31	1.60	1.85	2.07	2.44	2.92

Materials and minimum capacities

Material	0060	0100	0130	0150	0200	0260	0390	0590	0780	1120	1160
AISI 316								•	•	•	•
AISI 303							•	•	•	•	•
Brass	•	•	•	•	•	•	•	•	•	•	•