

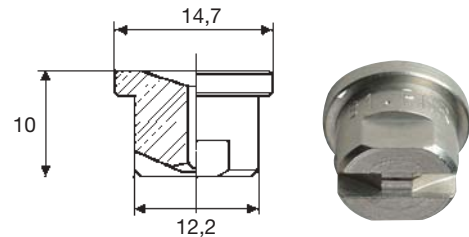
FLAT JET NOZZLE TIPS

GX

LOW CAPACITY

Flat jet nozzle tips are usually mounted onto a pipe by means of a welded nipple or a clamp, and secured in place with a retaining nut. Seals are available for higher pressure operation, see bottom of the page. They can be therefore easily replaced and the jet can be conveniently oriented in the desired direction.

The tip models shown in this page deliver very low flow values, the precision machined tiny orifices can be protected against the risk of plugging by means of a filter fitting inside our nipples and clamps which are designed for this purpose.



Materials	B1	AISI 303 Stainless steel
	B31	AISI 316L Stainless steel
	T1	Brass

GXD	GXL	GXN	GXR	Code	Capacity at different pressure values (lpm) (bar)									
					0.5	1.0	1.5	2.0	3.0	4.0	5.0	7.0	10	
			•	0060				0.05	0.06	0.07	0.08	0.09	0.11	
			•	0100				0.08	0.10	0.12	0.13	0.15	0.18	
			•	0130				0.11	0.13	0.15	0.17	0.20	0.24	
		•	•	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	0.24	0.34	0.42	0.48	0.59	0.68	0.76	0.90	1.08	
•	•	•	•	0780	0.32	0.45	0.55	0.64	0.78	0.90	1.01	1.19	1.42	
•	•	•	•	1120	0.49	0.69	0.85	0.98	1.20	1.39	1.55	1.83	2.19	
•	•	•	•	1160	0.65	0.92	1.13	1.31	1.60	1.85	2.07	2.44	2.92	

Accessories

All our range of accessories for GX tips, including welding nipples, pipe clamps, cartridge filters and retaining nuts are shown in our Accessories Catalog CTG AC20.

How to compose the nozzle code

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

GXS 0260 T1

73°

GXS	GXT	GXV	GXJ	Code	0.5	1.0	1.5	2.0	3.0	4.0	5.0	7.0	10
				0060				0.05	0.06	0.07	0.08	0.09	0.11
•				0100				0.08	0.10	0.12	0.13	0.15	0.18
				0130				0.11	0.13	0.15	0.17	0.20	0.24
	•	•		0150				0.13	0.15	0.17	0.20	0.25	0.28
	•	•	•	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	0.24	0.34	0.42	0.48	0.59	0.68	0.76	0.90	1.08
•	•	•	•	0780	0.32	0.45	0.55	0.64	0.78	0.90	1.01	1.19	1.42
•	•	•	•	1120	0.49	0.69	0.85	0.98	1.20	1.39	1.55	1.83	2.19
•	•	•	•	1160	0.65	0.92	1.13	1.31	1.60	1.85	2.07	2.44	2.92

Spray angle codes

GXD	GXL	GXN	GXR	GXS	GXT	GXV	GXJ
25°	40°	50°	65°	73°	80°	95°	110°

Please note that following spray angle coding applies.

The table on the left shows the codes for the different spray angles.

Material Table

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

Because of the extreme difficulty of working 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.

Seal available on request

See seal code for standard tip dimension on page 33.