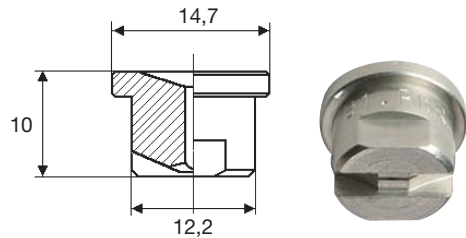


LOW CAPACITY

flat fan jet nozzle tips are usually mounted onto a pipe using a welded 3/8" nipple or a clamp and secured in place with a retaining nut.

Seals are available for higher pressure operations (see bottom of the page.) This means they can be easily replaced and that the jet can be conveniently oriented in the desired direction.

The tip models shown on this page deliver very low flow values. The tiny precision machined orifices can be protected against the risk of clogging by using a filter which fits neatly into the PNR nipples and clamps; specifically 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								
					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 Catalogue CTG AC20.

How to compose the nozzle code

The nozzles tips shown on this page can be supplied with eight different spray angles, with flow values indicated by the third digit in the nozzle code. Therefore the nozzle tip code is indicated as in the following example.

GXS 0260 T1

73°

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

Seal available on request

See seal code for standard tip dimension on page 33.

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°

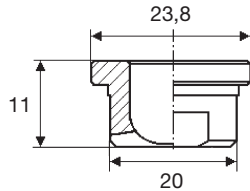
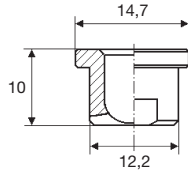
Please note that following spray angle coding applies.

Material Table

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

Due to the extreme difficulty of working with small drill profiles on hard materials such as stainless steels, not all the capacity sizes shown in the this nozzle table are available in all of the 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.

GX



STANDARD AND LARGE CAPACITIES

flat fan jet nozzle tips are usually mounted onto a pipe using a welded 3/8" nipple or a clamp and secured in place with a retaining nut. Seals are available for higher pressure operations (see table on the bottom of next page). This means they can be easily replaced and that the jet can be conveniently oriented in the desired direction. The tip models shown on this page deliver the most popular flow capacity values. The precision machined orifices can be protected against the risk of clogging by using a filter which fits neatly into the PNR nipples and clamps; specifically designed for this purpose. Higher capacity tips, shown in the bottom table, do not need filter protection because of the large dimension of the orifices. These higher capacity tips are assembled onto 3/4" nipples. See nipple and retaining nut codes at the bottom of the page. Tips with higher capacities and larger dimensions than those shown in the catalogue can be delivered on request, together with specification of the nozzle body (nipples) and retaining nuts.

Accessories

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

How to compose the nozzle code

The nozzle tips shown on this page can be supplied with six different spray angles, with flow values indicated by the third digit in the nozzle code.

Therefore the nozzle tip code is indicated as in the following example.

GXQ 1780 B31

60°

The codes for the different spray angle values are listed in the table adjacent.

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

Assembly fittings

The table in the following page shows the coding for a typical assembly of a nozzle tip using a retaining nut and a welding nipple. Threaded nipples, as well as a range of plastic or steel pipe clamp fittings, offers a choice of assembly solutions for your application. These are also shown in our Complimentary and Assembly Fittings catalogue (code CTG AC).

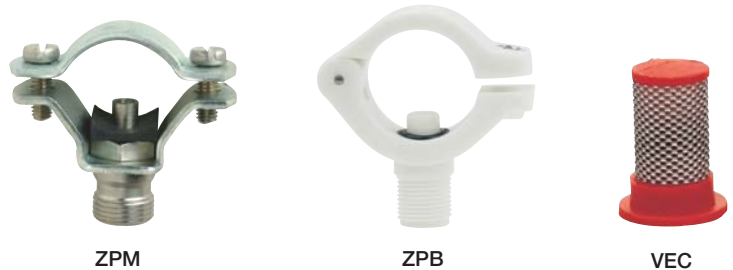
Spray angle codes

GXA	GXF	GXM	GXQ	GXU	GXW
0°	30°	45°	60°	90°	120°



Typical assembly with nipple and nut.

Assembly fittings



ZPM

ZPB

VEC

STANDARD AND LARGE CAPACITIES

Standard capacity tips

GXA	GXF	GXM	GXQ	GXU	GXW	Code	Capacity at different pressure values								lpm bar
							0.5	1.0	1.5	2.0	3.0	4.0	5.0	7.0	
	•	•	•	•	•	1190	0.78	1.10	1.34	1.55	1.90	2.19	2.45	2.90	3.47
	•	•	•	•	•	1233	0.95	1.35	1.65	1.90	2.33	2.69	3.01	3.56	4.25
•	•	•	•	•	•	1310	1.27	1.79	2.19	2.53	3.10	3.58	4.00	4.74	5.66
•	•	•	•	•	•	1385	1.57	2.22	2.72	3.14	3.85	4.45	4.97	5.88	7.03
•	•	•	•	•	•	1490	2.00	2.83	3.46	4.00	4.90	5.66	6.33	7.48	8.95
•	•	•	•	•	•	1581	2.37	3.35	4.11	4.74	5.81	6.71	7.50	8.87	10.6
•	•	•	•	•	•	1780	3.18	4.50	5.52	6.37	7.80	9.01	10.1	11.9	14.2
•	•	•	•	•	•	1980	4.00	5.66	6.93	8.00	9.80	11.3	12.7	15.0	17.9
•	•	•	•	•	•	2124	5.06	5.85	8.77	10.1	12.4	14.3	16.0	18.9	22.6
	•	•	•	•	•	2153	6.25	7.20	10.8	12.5	15.3	17.7	19.8	23.4	27.9
	•	•	•	•	•	2194	7.96	9.20	13.8	15.9	19.5	22.5	25.2	29.8	35.6
	•	•	•	•	•	2245	10.0	11.5	17.3	20.0	24.5	28.3	31.6	37.4	44.7

Large capacity tips

GXA	GXF	GXM	GXQ	GXU	GXW	Code	Capacity at different pressure values								lpm bar
							0.5	1.0	1.5	2.0	3.0	4.0	5.0	7.0	
	•	•	•	•	•	1781	3.18	4.50	5.52	6.37	7.80	9.01	10.1	11.9	14.2
	•	•	•	•	•	1981	4.00	5.66	6.93	8.00	9.80	11.3	12.7	15.0	17.9
•	•	•	•	•	•	2125	5.06	7.16	8.77	10.1	12.4	14.3	16.0	18.9	22.6
•	•	•	•	•	•	2154	6.25	8.83	10.8	12.5	15.3	17.7	19.8	23.4	27.9
•	•	•	•	•	•	2195	7.92	11.2	13.7	15.8	19.4	22.4	25.0	29.6	35.4
•	•	•	•	•	•	2246	10.0	14.1	17.3	20.0	24.5	28.3	31.6	37.4	44.7
•	•	•	•	•	•	2311	12.7	17.9	21.9	25.3	31.0	35.8	40.0	47.4	56.6
•	•	•	•	•	•	2490	20.0	28.3	34.6	40.0	49.0	56.6	63.3	74.8	89.5
•	•	•	•	•	•	2610	24.9	35.2	43.1	49.8	61.0	70.4	78.8	93.2	111
	•	•	•	•	•	2760	31.0	43.9	53.7	62.1	76.0	87.8	98.1	116	139
	•	•	•	•	•	3122	49.8	70.4	86.3	99.6	122	141	158	186	223

Assembly fittings coding

Size inch	Locknut	Welding nipple	Male nipple	Seal
3/8"	VAA 0380 xxB	ZAA C018 xx	ZLA 3838 xxB	VDA 13A1 P7
3/4"	VAA 0750 xxB	ZAA E027 xx	ZHA 7575 xxB	VDA 26A1 P7