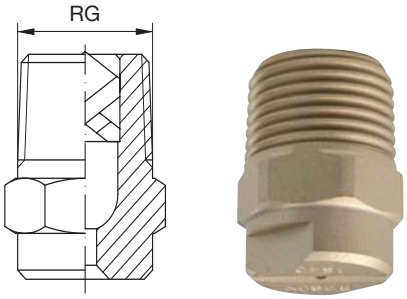
D..ON

OVAL SPRAY NOZZLE



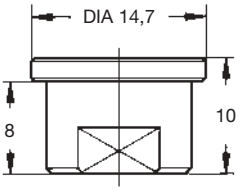
Full cone nozzles with oval sprays are used as secondary cooling nozzles.
Their spray pattern produces an oval impact surface 60° x 90° which allows a better overlapping of the sprays with an improved evenness of the cooling action.
Their round orifice and X-vane design offers the reliability of a standard full cone nozzle. The vanes are permanently locked in place to avoid vane loss when piping pressure falls while the system drains.

Material T1 Brass

Tip Code	RG inch Npt	D1 mm	Nozzle capacity at pressure values (gpm) (psi)							
			10	20	30	45	60	90	105	150
DCU 1320 T1ON	3/8	1.1	0.41	0.60	0.69	0.85	0.90	1.20	1.30	1.55
DCU 1400 T1ON		1.3	0.51	0.75	0.87	1.06	1.22	1.50	1.62	1.93
DCU 1520 T1ON		1.6	0.67	0.96	1.12	1.38	1.60	1.95	2.10	2.51
DCU 1680 T1ON		1.6	0.87	1.27	1.47	1.80	2.07	2.55	2.75	3.28
DCU 1800 T1ON		2.0	1.02	1.50	1.73	2.11	2.44	3.00	3.23	3.86

GX

FLAT JET NOZZLE TIPS / SMALL SIZE



These flat jet tips are the choice for continuous casting machine sections where limited space is available between two rolls.
They offer a finely atomized spray and a parabolic distribution which allows uniform coverage when the jets are properly spaced on the manifold.

Materials T1 Brass
B1 AISI 303 Stainless steel

GXQ	GXU	GXW	Tip Code	D mm	Nozzle flow values at different pressure values (gpm) (psi)							
					15	22	30	45	60	75	105	150
●	●	●	**1190 xx**	1.5	0.29	0.35	0.41	0.50	0.58	0.65	0.77	0.92
●	●	●	**1233 xx**	1.65	0.36	0.44	0.50	0.62	0.71	0.80	0.94	1.12
●	●	●	**1310 xx**	2.0	0.47	0.58	0.67	0.82	0.95	1.06	1.25	1.50
●	●	●	**1385 xx**	2.2	0.56	0.68	0.80	0.97	1.11	1.25	1.48	1.76
●	●	●	**1490 xx**	2.5	0.75	0.92	1.06	1.30	1.50	1.67	2.00	2.37
●	●	●	**1581 xx**	2.7	0.90	1.09	1.25	1.54	1.76	2.00	2.35	2.80
●	●	●	**1780 xx**	3.0	1.19	1.46	1.70	2.06	2.38	2.67	3.15	3.76
●	●	●	**1980 xx**	3.5	1.50	1.83	2.12	2.60	3.00	3.36	4.00	4.74
●	●	●	**2124 xx**	4.0	1.90	2.32	2.67	3.28	3.78	4.23	5.00	6.00
●	●	●	**2153 xx**	4.5	2.34	2.86	3.31	4.05	4.70	5.24	6.20	7.40
●	●	●	**2194 xx**	5.0	2.96	3.62	4.18	5.13	5.92	6.61	7.83	9.36
●		●	**2245 xx**	5.5	3.73	4.58	5.30	6.48	7.50	8.36	10.0	11.8

CODE	ANGLE
GXQ	60°
GXU	90°
GXW	120°

ACCESSORIES

A wide range of accessories for assembling GX tips is shown in our Catalogue CTG AC18.
For continuous casting applications we recommend ZAA welding nipples and VAU series locknuts.

VAU 0687

GX

ZAA U020

HOW TO INTERPRET THE NOZZLE CODE

The nozzle tips shown on this page can be supplied with different spray angles, whose value is indicated by the third digit in the nozzle code.
The tip code has should be specified as follows.

GXQ 1780 B31

↓

60° deg spray

The available codes for the different spray angles are indicated in the table beside.