

ALUMINIUM BRASS, ALLOY C68700

Standard Grade	EN12451 CuZn20Al2As CW702R	ASME SB111 C68700	ASTM B111 C68700	DIN 1785 CuZn20Al2As 2.0460	BS 2871 Part 3 CZ110
Cu	76.0-79.0	76.0-79.0	76.0-79.0	76.0-79.0	76.0-78.0
Sn	1.8-2.3	1.8-2.5	1.8-2.5	1.8-2.3	1.8-2.3
Pb	0.05 max.	0.07	0.07 max	0.07 max.	0.07 max.
Ni	0.1 max.			0.1 max.	
Fe	0.07 max.	0.06 max	0.06 max	0.07 max.	0.06 max.
Zn	Rem.	Rem	Rem	Rem.	Rem.
As	0.02-0.06	0.02-0.10	0.02-0.10	0.02-0.035	0.02-0.06
P	0.01 max.			0.01 max.	
Mn	0.1 max.			0.005 max.	
Total Impurities	0.3 max.			0.1 max.	0.3 max.
Condition	R390 R340	O61	O61	F39 F34	M TA O

Typical use:

Most used copper alloy for heat exchanger tubes application.

Represents the best option for any heat exchanger which is involved with saline water.

The addition of arsenic has solved the problem of dezincification.

Melting point 935°C


Hot Working Properties: OK

Cold Working Properties: Very good

Dimensions

Dimensions of our normal product range:

We are always trying to improve our range so please contact us if you are looking for other dimensions:

Ø 5.9 - 8.0 mm	wall 0.5 - 0.8 mm	
Ø 8.0 - 10.0 mm	wall 0.5 - 0.9 mm	
Ø 10.0 - 14.0 mm	wall 0.8 - 1.2 mm	
Ø 14.0 - 25.4 mm	wall 0.8 - 1.35 mm	
Ø 26.0 - 40.0 mm	wall 0.8 - 1.5 mm	
Ø 26.0 - 70.0 mm	wall 1.5 - 4.0 mm	
Ø 60.0 - 70.0 mm	wall 1.0 - 4.0 mm	