

ADMIRALTY BRASS, ALLOY C44300

Standard Grade	EN12451 CuZn28Sn1As CW706R	ASME SB111 C44300	ASTM B111 C44300	DIN 1785 CuZn28Sn1As 2.0470	BS2871 Part 3 CZ111
Cu	70.0-72.5	70.0-73.0	70.0-73.0	70.0-72.5	70.0-73.0
Sn	0.9-1.3	0.9-1.2	0.9-1.2	0.9-1.3	1.0-1.5
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	0.02-0.06	0.02-0.06	0.02-0.035	0.02-0.06
P	0.01 max.			0.01 max.	
Mn	0.1 max.			0.1 max.	
Total Impurities	0.3 max.			0.1 max.	0.3 max.
Condition	R360 R320	O61	O61	F36 F32	M TA O

Typical use:

The specific copper alloy for application fresh water. Often used for heat exchangers which are involved with operations in petroleum refineries and petrochemical plants.


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 4.0 mm	wall 0.5 mm	
Ø 6.0 - 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 0.9 - 1.2 mm	
Ø 14.0 - 25.4 mm	wall 0.7 - 3.5 mm	
Ø 26.0 - 40.0 mm	wall 0.8 - 1.5 mm	
Ø 40.0 - 70.0 mm	wall 1.5 - 4.0 mm	
Ø 60.0 - 70.0 mm	wall 1.0 - 4.0 mm	