

COPPER ALLOYS

C 6000 THE BRONZES

The C 6000 Covers the Alu Bronzes, which have 2 to 3 % Aluminium. They have an excellent corrosion resistance to Sea-water and the mechanical values are comparable with steel even at increased temperatures. The concerned Quality group is the so called "Work horse" of the Copper Alloys and are used for Valves, Bearings, and Hydraulic parts. In the same serie you will find the Silicon and Zinc Bronzes.

A very popular quality is:

Alloy C 630 /63000 - AMS 4640 , QQC 465, Cu Al 10 Ni 5 Fe

C 606	ASTM B 169	QQC 450	Sheet and Bar
C 610	ASTM B 111	QQC 450	Sheet and Bar
C 613/4	ASTM B 150	QQC 465	Sheet and Bar
C 642	ASTM B 150	QQC 465	Bar
C 675	ASTM B 138	QQB 728	Bar

C 7000 COPPER NICKEL ALLOYS.

AmEuro Metals is experienced with 2 Copper/Nickel Alloys. Material has a high strength and increased resistance to Corrosion.

C 70600 COPPER NICKEL 90/10

Cu Ni 10 Fe 1 Mn, W-Nr 2.0872

C 71500 COPPER NICKEL 70/30

Cu Ni 30 Mn 1 Fe W-Nr 2.0882.

Also in Military Specifications.

BERYLLIUM COPPER

Available in the following qualities :

C 170	ASTM B 194/196/570	QQC 533.
C 172	ASTM B 194/196/197	QQC 530/533, AMS 4530/4532/4650
C 173	ASTM B 196	QQC 530.
C 175	ASTM B 441	QQC 530.

Material available as Bar, Wire, Plate and partly as Open Die Forged Bar.

ATTENTION : If you have a requirement in Beryllium Copper please specify a hardness in your inquiry!!!!!!