

C 959 Aluminum Bronze

Bronze Family: Aluminum Bronze



C 959 Aluminum Bronze is used in applications requiring excellent wear properties because of increased hardness. This alloy is used in forming, bending, and drawing. It is also used extensively as wear strips in stamping presses, as well as in forming rolls, draw dies, die inserts and rings. It is used as high strength bushings and machine parts not subject to impact or shock.

Equivalent Specifications
ASTM B505/B505M (Copper Alloy UNS No. 95900 Continuous Cast)

Equivalent specifications are verified and updated annually.
Specifications shown are current as of May 4, 2010.

Chemical Composition (%)**				
Cu	Fe	Al	Ni	Mn
remainder	3.0-5.0	12.0-13.5	0.5* max.	1.50 max.
Sum of all named elements = 99.5%				
Mechanical Properties**				
Brinell Hardness, min.		241 (3000kg)		

* Nickel including cobalt

** Values shown pertain to ASTM B505/505M only

Machinability Rating N/A

Specific Density
.255 lbs./ cu in.

Available from stock
at Morgan Bronze in:

Rounds



Rectangles



