## 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.

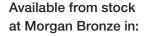
Chemical Composition (%)**					
Cu	Fe	Al	NI	Mn	
remainder	3.0-5.0	12.0-13.5	0.5* max.	1.50 max.	
Sum of all named elements = 99.5%					
Mechanical Properties**					
Brinell F	lardness, min.		241 (3000kg)		

<sup>\*</sup> Nickel including cobalt

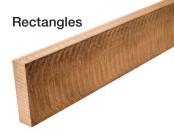
## Machinability Rating N/A

## **Specific Density**

.255 lbs./ cu in.









Phone: 847-526-6000 Toll Free: 800-445-9970 Fax: 847-438-6600 Email: info@morganbronze.com

<sup>\*\*</sup> Values shown pertain to ASTM B505/505M only



