

# Aluminum Bronze C95410

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**SINO** AL BR  
**BRONZE**

## Typical Uses

- Industrial bearings, spur gears, gears, pickling baskets, worms, valve components, bushings, pickling hooks

## Shape/Form

Semi-finished, mill stock or near-net shapes, anode, bar stock, billet/bloom, squares, hex, plate, profile or structural shape, flats/rectangular bar

## Similar or Equivalent Specification

Alloy	ASTM	ASARCON	SAE	AMS	Federal	Military	Other
C95410	B505						

## Chemical Composition

Alloy	Cu%	Fe%	Ni%	Al%	Mn%
C95410	83.00 MIN	3.00- 5.00	1.50- 2.50	10.00- 11.50	0.50

## Mechanical Properties

Tensile Strength(min)		Yield Strength(at .5% extension under load min)		Elongation(in 2in. or 50mm min, %)	Brinell Hardness(min)	Remarks
Ksi	MPa	Ksi	MPa			
85	586	32	221	12	N/A	