

# Leaded Tin Bronze C92800

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**SINO** ALLOY  
**BRONZE**

## Typical Uses

- Industrial piston rings, corrosion-resistant castings, bushings

## 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
C92800	B505			7320			RING METAL

## Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C92800	78.00- 82.00	15.00- 17.00	4.00- 6.00	0.80	0.20	0.80	0.25	0.05	0.05	0.005	0.005

## Mechanical Properties

Tensile Strength(min)		Yield Strength(at .5% extention under load min)		Elongation(in 2in. or 50mm min, %)	Brinell Hardness(min)	Remarks
		Ksi	MPa			
N/A	N/A	N/A	N/A	N/A	ROCKWELL "B" 72-82	