

# High-Leaded Tin Bronze C94100

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**SINO BRONZE**

## Typical Uses

- Industrial thrust block

## 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
C94100	B505	520			QQ-C-390, E5	MIL-B-16261, GRADE X	

## Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C94100	72.00- 79.00	4.50- 6.50	18.00- 22.00	1.00	0.25	1.00	0.80	0.50	0.08	0.005	0.005

## 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			
25	172	17	117	7	N/A	