

# Leaded Tin Bronze C92700

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**SINO** ALLOY  
**BRONZE**

## Typical Uses

- **Fasteners** lead screw nuts
- **Industrial** gears, pump impellers, bearings, heavy-duty bearings, pump pistons, bushings, steam fittings

## 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
C92700	B505	102	63 J461 J462				

## Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C92700	86.00- 89.00	9.00- 11.00	1.00- 2.50	0.70	0.20	1.00	0.25	0.25	0.05	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			
38	252	20	138	8	N/A	