

High-Leaded Tin Bronze C93400

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SINO BRONZE
BRONZE

Typical Uses

- Fasteners washers
- Industrial thrust bearings, bushings, corrosion-resistant castings, bearings, slide bars, pump impellers

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

CDA	ASTM	ASARCON	SAE	AMS	Federal	Military	Other
C93400	B505	88			QQ-C-390, E8; QQ-B-1005, COMP 8	MIL-B-11553, COMP 8	

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C93400	82.00- 85.00	7.00- 9.00	7.00- 9.00	0.80	0.20	1.00	0.50	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			
34	234	20	138	8		