

High-Leaded Tin Bronze C94000

www.sinobronze.com
sales@sinobronze.com
Tel: 0086-28-8625-0130

SINO BRONZE

Typical Uses

• **Industrial** high-speed bearings for light loads, soft bushings, soft metal applications, railroad applications, high-speed/light-to-medium-pressure 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
C94000	B505				QQ-C-390, E2; QQ-B-1005, COMP 13	MIL-B-11553, COMP 13	

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C94000	69.00- 72.00	12.00- 14.00	14.00- 16.00	0.50	0.25	1.00	0.50	0.05	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			
N/A	N/A	N/A	N/A	N/A	80 (500 KG) BHN	