

High-Leaded Tin Bronze C93900

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

SINO BRONZE

Typical Uses

- Industrial bearings, pump impellers for mine water, pump bodies

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
C93900	B505	616	67 J461 J462		QQ-C-390, E5		79-6-15

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C93900	76.50- 79.50	5.00- 7.00	14.00- 18.00	1.50	0.40	0.80	0.50	1.50	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	Ksi	MPa			
25	172	16	110	5		