

Tin Bronze C91000

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SINO H.F.B.
BRONZE

Typical Uses

- Industrial piston rings, bearings

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
C91000	B505				QQ-C-390, D2; QQ-B-1005, COMP 9	MIL-B-16262, GRADE III	

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C91000	84.00- 86.00	14.00- 16.00	0.20	1.50	0.10	0.80	0.20	0.05	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	Ksi	MPa			
30	207	N/A	N/A	N/A	N/A	