

Tin Bronze C90700

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

SINO ALLOY
BRONZE

Typical Uses

• Industrial restaurant equipment, worm gears, gears, bearings for heavy loads and relatively low speeds, bearings, gear boxes, speed reducers, valve bodies, worm gears

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
C90700	B505	110	65 J461 J462	4845			TIN BRONZE, 65

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C90700	88.00- 90.00	10.00- 12.00	0.50	0.50	0.15	0.50	0.20	0.30	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			
40	276	25	172	10	N/A	