

Aluminum Bronze C95800

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

SINO AL BR
BRONZE

Typical Uses

- Fasteners nuts
- Industrial machinery, shafts, valve bodies, propeller hub, worm gears, bushings, propeller blades, pickling equipment, worms, wear plates, gears
- Marine marine hardware, valves in contact with sea water, covers for marine hardware, ship building
- Plumbing elbows

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
C95800	B505				QQ-C-390, G8		APHA NICKEL ALUMINUM BRONZE

Chemical Composition

Alloy	Cu%	Pb%	Fe%	Ni%	Al%	Mn%	Si%
C95800	79.00 MIN	0.03	3.50- 4.50	4.00- 5.00	8.50- 9.50	0.80- 1.50	0.10

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			
85	586	35	241	18	N/A	