

Aluminum Bronze C95200

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SINO H.F.B.
BRONZE

Typical Uses

- **Electrical** electrical hardware
- **Fasteners** nuts
- **Marine** marine hardware, covers for marine hardware, propellers, marine engines
- **Ordinance** gun mountings, gun slides
- **Industrial** large gear parts, pickling tanks, mild-alkali applications, hot mill guides, high-strength clamps, hydrant parts, welding jaws, pickling equipment, worm gears, worms, pump rods, valve bodies, wear plates, thrust pads, bearing liners, pump parts, valves, valve seats, acid-resistant pumps, bearings, bushings, gears, plungers

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
C95200	B505		68A J461 J462		QQ-C-390, G6; QQ-B-671, CLASS 1	MIL-B-16033, CLASS 1	ALUMINUM BRONZE 9A

Chemical Composition

Alloy	Cu%	Fe%	Al%
C95200	86.00 MIN	2.50- 4.00	8.50- 9.50

Mechanical Properties

Tensile Strength(min)		Yield Strength(at .5% extention under load min)		Elongation(in 2in. or 50mm min, %)	Brinell Hardness(min)	Remarks
		Ksi	MPa			
68	469	26	179	20	N/A	