LEADED RED BRASS
C85700

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SINO BRONZE

Typical Uses

- **Builders Hardware** door hardware for prisons, ornamental hardware, window hardware
- **Consumer** musical instruments
- **Industrial** mechanical components where aesthetics are important
- **Marine** ship trim, marine hardware, bushings and bearings
- **Plumbing** fittings, flanges

Similar or Equivalent Specification

Alloy	ASTM	ASARCON	SAE	AMS	Federal	Military	Other
C85700	B505				QQ-C-390, A1; QQ-B-621, CLASS A	MIL-C-15345, ALLOY 3	LEADED YELLOW BRASS

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Al%	Si%
C85700	58.00-64.00	0.50-1.50	0.80-1.50	32.00-40.00	0.70	1.00	0.80	0.05

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	Ksi	MPa			
40	276	14	97	15	N/A	

Sino Bronze