

# LEADED RED BRASS C84400

 [www.sinobronze.com](http://www.sinobronze.com)  
 [sales@sinobronze.com](mailto:sales@sinobronze.com)  
 Tel: 0086-28-8625-0139



## Typical Uses

- **Architecture** ornamental fixtures
- **Building** cooling equipment, heating equipment
- **Consumer** musical instruments
- **Builders Hardware** dead bolt locks, cases for dead bolt locks, door hardware for prisons, hardware
- **Marine** marine hardware, boat parts, nuts for transducers
- **Plumbing** pipe fittings, fixtures
- **Electrical** electrical equipment
- **Industrial** valve bodies for the water industry, valves for water meters, valves, valve seat, low pressure fittings, pump fixtures

## Similar or Equivalent Specification

Alloy	ASTM	ASARCON	SAE	AMS	Federal	Military	Other
C84400	B505	37			QQ-C-390, B2; QQ-B-1005, COMP 11	MIL-B11553, COMP 11	VALVE METAL

## Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C84400	78.00- 82.00	2.30- 3.50	6.00- 8.00	7.00- 10.00	0.40	1.0	0.25	1.5	0.08	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			
30	207	15	103	103	N/A	

