

LEADED RED BRASS C84200

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SINO ALLOY
BRONZE

Typical Uses

- **Builders Hardware** general hardware
- **Industrial** small pump castings, small gears, fittings for gas lines, low pressure valves, bushings, fittings for oil lines
- **Plumbing** tees, plugs, elbows, couplings, pipe fittings, unions

Similar or Equivalent Specification

Alloy	ASTM	ASARCON	SAE	AMS	Federal	Military	Other
C84200	B505				QQ-C-390, B1; QQ-B-1005, COMP 3	MIL-B-1153, COMP 3	

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C84200	78.00-	4.00-	2.00-	10.00-							
	82.00	6.00	3.00	16.00	0.40	0.80	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			
32	221	16	110	13	N/A	

