

LEADED RED BRASS C83800

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Typical Uses

- **Builders Hardware** hardware
- **Electrical** switches, electrical components
- **Industrial** bushings, railroad catenary fittings, pump fixtures, air/gas/water fittings, valves
- **Plumbing** plumbing fixtures

Similar or Equivalent Specification

Alloy	ASTM	ASARCON	SAE	AMS	Federal	Military	Other
C83800	B505	46		4855	QQ-C-390, B4; QQ-B-1005, COMP 17		HYDRAULIC BRONZE

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Si%
C83800	82.00-	3.30-	5.00-	5.00-							
	83.80	4.20	7.00	8.00	0.30	1.00	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	Ksi	MPa			
30	207	15	97	16	N/A	

