

LEADED RED BRASS C84800

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SINO BRASS
BRONZE

Typical Uses

- **Builders Hardware** stops, washers, general hardware, hardware
- **Industrial** fittings, low pressure valves, gas line fittings, air line fittings
- **Plumbing** cocks, faucets, plumbing fittings, plumbing fixtures

Similar or Equivalent Specification

| Alloy | ASTM | ASARCON | SAE | AMS | Federal | Military | Other |
|--------|------|---------|-----|-----|---------|----------|----------------------|
| C84800 | B505 | | | | | | PLUMBING GOODS BRASS |

Chemical Composition

| Alloy | Cu% | Sn% | Pb% | Zn% | Fe% | Ni% | Sb% | P% | S% | Al% | Si% |
|--------|--------|-------|-------|--------|------|-----|------|-----|------|-------|-------|
| C84800 | 75.00- | 2.00- | 5.50- | 13.00- | | | | | | | |
| | 77.00 | 3.00 | 7.00 | 17.00 | 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 | Ksi | MPa | | | |
| 30 | 207 | 15 | 103 | 16 | N/A | |

