



WESTERN STATES METALS

PRODUCT SPECIFICATION

C93200 Continuous Cast Bronze Bars

Continuous cast bronze bars of C93200 (SAE660) give superior quality and performance. Continuous casting achieves a high density grain structure, free of porosity, resulting in a reduction of tool wear and component rejects. Cored and solid bars are stocked in 105" lengths. When you need a moderate quantity of special bearings, C93200 bar stock can provide an economical alternative to expensive tooling. Consider bars for use when you need special bearings for prototypes, or for emergency repairs.

Typical Properties

Note: Not to be used for specification purposes.

Chemical Composition

Copper.....	81.0 - 85.0%
Tin	6.3 - 7.5%
Lead	6.0 - 8.0
Zinc	2.0 - 4.0

Minimum Physical Properties

Tensile Strength PSI	35,000
Yield Strength PSI	20,000
Elongation in 2"	10%
Brinell @500KG Load.....	65

Maximum Operating Temperature

450 °F

Comparable Alloy Specifications

C93200; SAE660

Common Manufacturing Specifications

ASTM B505; QQ-C-390B, Type III

Nominal Stock Allowances

O.D. up to 4"	1/32" I.D. and O.D.
O.D. 4" to 5"	1/16" I.D. and O.D.
O.D. 5"+	3/32" I.D. and O.D.