

## Material: ASME SB-150 C63200

### Standard Specification for Aluminum Bronze Rod, Bar and Shapes

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** ASME SB-150 Aluminum Bronze Rod, Bar and Shapes

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

**Belongs to the Industry:** Rod, Bar and Shape

Chemical Composition			Heat Treatment	
Aluminium	Al %	8.700 - 9.500	As Drawn or Hardening and Tempering	
Iron	Fe %	3.500 - 4.300		
Manganese	Mn %	1.200 - 2.000		
Ni + Co	Ni% + Co%	4.000 - 4.800		
Lead	Pb %	0.020 max.		
Silicon	Si %	0.100 max.		
Cu + Ag	Cu% + Ag%	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 620 min. Yield Strength in Mpa 275 - 345 Elongation in % 15 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C63200	UNS	USA	Rod, Bar, Tube and Shapes
B124 C63200	ASTM	USA	Rod, Bar and Shape
B150 C63200	ASTM	USA	Rod, Bar and Shape
B283 C63200	ASTM	USA	Forging
SB-171 C63200	ASME	USA	Plate and Sheet
SB-283 C63200	ASME	USA	Forging
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