



## Material - ASTM B150 UNS C63200

**Standard Specification for Aluminium Bronze Rod, Bar and Shapes**

**Group - Non-Ferrous Aluminium Alloy**

**Sub Group - ASTM B150 Aluminium 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	
Lead	Pb %	0.020 max.	As Drawn or Hardening and Tempering	
Silicon	Si %	0.100 max.		
Manganese	Mn %	1.200 - 2.000		
Ni + Cu	Ni% + Cu%	4.000 - 4.800		
Iron	Fe %	3.500 - 4.300		
Aluminium	Al %	8.700 - 9.500		
Copper	Cu %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	620 min.
-	-	-	Yield Strength in Mpa	275 min.
-	-	-	Elongation in %	15 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C63200	ASTM	USA	Rod, Bar and Shape
B150 C63200	ASTM	USA	Rod, Bar and Shape
B283 C63200	ASTM	USA	Forging
SB-150 C63200	ASME	USA	Rod, Bar and Shape
SB-171 C63200	ASME	USA	Plate and Sheet
SB-283 C63200	ASME	USA	Forging
C63200	UNS	USA	Casting

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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