

Material: ASTM B150 UNS C63200

Standard Specification for Aluminum Bronze Road, Bar and Shapes

Group: Non-Ferrous Aluminum Alloy

Sub Group: ASTM B150 Aluminum Bronze Road, 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		
Lead	Pb %	0.020 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Drawn or Hardening and Tempering

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

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 **Email:** info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India