

Material - ASTM B150 UNS C64200

Standard Specification for Aluminum Bronze Rod, Bar and Shapes

Group - Non-Ferrous Aluminum Alloy

Sub Group - ASTM B150 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	
Arsenic	As %	0.150 max.	As Drawn or Stress Relieving or Hot Rolled	
Lead	Pb %	0.050 max.		
Zinc	Zn %	0.500 max.		
Tin	Sn %	0.200 max.		
Silicon	Si %	1.500 - 2.200		
Manganese	Mn %	0.100 max.		
Ni + Cu	Ni% + Cu%	0.250 max.		
Iron	Fe %	0.300 max.		
Aluminium	Al %	6.300 - 7.600		
Copper	Cu %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	485 min.
-	-	-	Yield Strength in Mpa	170 min.
-	-	-	Elongation in %	15 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	65 - 95
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C64200	ASTM	USA	Rod, Bar and Shape
B283 C64200	ASTM	USA	Forging
SB-150 C64200	ASME	USA	Rod, Bar and Shape
SB-283 C64200	ASME	USA	Forging
4264	SAE	USA	Rod, Bar and Forging
4633	SAE	USA	Rod, Bar and Forging
4634	SAE	USA	Rod, Bar and Forging

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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