



## Material - ASTM B150 UNS C64210

**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	
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 - 2.000		
Manganese	Mn %	0.100 max.		
Ni + Cu	Ni% + Cu%	0.250 max.		
Iron	Fe %	0.300 max.		
Aluminium	Al %	6.300 - 7.000		
Copper	Cu %	Balance		
-	-	-	<b>Mechanical Properties</b> 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      -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C64210	ASTM	USA	Rod, Bar and Shape
B150 C64210	ASTM	USA	Rod, Bar and Shape
B283 C64210	ASTM	USA	Forging
SB-150 C64210	ASME	USA	Rod, Bar and Shape
SB-283 C64210	ASME	USA	Forging
C64210	UNS	USA	Casting
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**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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