

## Material: ASTM B124 C64200

### Standard Specification for Copper and Copper Alloy Forging Rod, Bar and Shapes

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** Standard Specification for Copper and Copper Alloy Forging 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 Stress Relieving or Hot Rolled	
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
C64200	UNS	USA	Rod, Bar, Tube and Shapes
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

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Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)