

Material: ASTM B124 C64210

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

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B124 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 %	6.300 - 7.000	As Drawn or Stress Relieving or Hot Rolled	
Arsenic	As %	0.090 max.		
Iron	Fe %	0.300 max.		
Manganese	Mn %	0.100 max.		
Ni + Co	Ni% + Co%	0.250 max.		
Lead	Pb %	0.050 max.		
Silicon	Si %	1.500 - 2.000		
Tin	Sn %	0.200 max.		
Zinc	Zn %	0.500 max.		
Cu + Ag	Cu% + Ag%	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 485 min. Yield Strength in Mpa 205 min. Elongation in % 15 min. Reduction of Area in % - Hardness in HRB 65 - 95 Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C64210	UNS	USA	Rod, Bar, Tube and Shapes
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
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