

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		
Aluminium	Al %	8.700 - 9.500
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Drawn or Stress Relieving or Hot Rolled

Mechanical Properties	
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	-

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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