

Material: ASTM B124 UNS 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		
Lead	Pb %	0.050 max.
Tin	Sn %	0.200 max.
Iron	Fe %	0.300 max.
Ni + Cu	Ni% + Cu%	0.250 max.
Silicon	Si %	1.500 - 2.200
Manganese	Mn %	0.100 max.
Arsenic	As %	0.150 max.
Aluminium	Al %	6.300 - 7.000
Zinc	Zn %	0.500 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Tempering

Mechanical Properties	
Tensile Strength in Mpa	344 min.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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	Rod, Bar and Shape
-	-	-	-
-	-	-	-

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