

Material: ASTM B124 UNS C63200

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 %	0.020 max.
Iron	Fe %	3.500 - 4.300
Ni + Cu	Ni% + Cu%	4.000 - 4.800
Silicon	Si %	0.10 max.
Manganese	Mn %	1.200 - 2.000
Aluminium	Al %	8.700 - 9.500
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 C63200	ASTM	USA	Rod, Bar and Shape
B171 C63200	ASTM	USA	Plate and Sheet
B283 C63200	ASTM	USA	Forging
SB-150 C63200	ASME	USA	Rod, Bar and Shape
SB-171 C63200	ASME	USA	Plate and Sheet
SB-283 C63200	ASME	USA	Forging
C63200	UNS	USA	Rod, Bar and Shape

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