

Material: ASTM B124 C61900

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 Shape

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Rod, Bar and Shape

Chemical Composition		
Aluminium	Al %	8.500 - 10.000
Iron	Fe %	3.000 - 4.500
Lead	Pb %	0.020 max.
Tin	Sn %	0.600 max.
Zinc	Zn %	0.800 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Drawn or Stress Relieving or Hot Rolled

Mechanical Properties	
Tensile Strength in Mpa	515 min.
Yield Strength in Mpa	205 min.
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C61900	UNS	USA	Rod, Bar, Tube and Shapes
B150 C61900	ASTM	USA	Rod, Bar and Shapes
B283 C61900	ASTM	USA	Forging
SB-150 C61900	ASME	USA	Rod, Bar and Shapes
SB-283 C61900	ASME	USA	Forging
-	-	-	-
-	-	-	-

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