

# Material: ASTM B124 UNS C67600

## 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 %	0.500 - 1.000
Tin	Sn %	0.500 - 1.500
Iron	Fe %	0.400 - 1.300
Manganese	Mn %	0.050 - 0.500
Copper	Cu %	57.000 - 60.000
Zinc	Zn %	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
B138 C67600	ASTM	USA	Rod, Bar and Shape
B283 C67600	ASTM	USA	Forging
SB-283 C67600	ASME	USA	Forging
C67600	UNS	USA	Rod, Bar and Shape
-	-	-	-
-	-	-	-
-	-	-	-

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