

# Material: ASTM B283 C67600

## Standard Specification for Copper and Copper-Alloy Die Forgings

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** ASTM B283 Copper and Copper-Alloy Die Forgings

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

**Belongs to the Industry:** Forging

Chemical Composition		
Iron	Fe %	0.400 - 1.300
Manganese	Mn %	0.050 - 0.500
Lead	Pb %	0.500 - 1.000
Tin	Sn %	0.500 - 1.500
Copper	Cu %	57.000 - 60.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Tempering

Mechanical Properties	
Tensile Strength in Mpa	495 min.
Yield Strength in Mpa	235 min.
Elongation in %	33 min.
Reduction of Area in %	-
Hardness in HRB	69 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B124 C67600	ASTM	USA	Rod, Bar and Shapes
B138 C67600	ASTM	USA	Rod, Bar and Shape
SB-283 C67600	ASME	USA	Forging
C67600	UNS	USA	Rod, Bar and Shape
-	-	-	-
-	-	-	-
-	-	-	-

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