



Material - ASME SB-283 C67600

Standard Specification for Copper and Copper-Alloy Die Forgings

Group - Non-Ferrous Copper Alloy

Sub Group - ASME SB-283 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			Heat Treatment	
Iron	Fe %	0.400 - 1.300	Normalizing or Annealing or Tempering	
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		
-	-	-		
-	-	-	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 -	
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-	-	-		
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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
B283 C67600	ASTM	USA	Forging
C67600	UNS	USA	Rod, Bar and Shape
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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