



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			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		
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-	-	-	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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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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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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