



Material - ASTM B283 C37000

Standard Specification for Copper and Copper-Alloy 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 %	0.150 max.	Normalizing or Annealing or Tempering	
Lead	Pb %	0.800 - 1.500		
Copper	Cu %	59.000 - 62.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	400 min.
			Yield Strength in Mpa	160 min.
			Elongation in %	40 min.
			Reduction of Area in %	-
			Hardness in HRB	45 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B135 C37000	ASTM	USA	Tube
SB-283 C37000	ASME	USA	Forging
C37000	UNS	USA	Rod, Bar and Shapes
B124 C37000	ASTM	USA	Rod, Bar and Shapes
-	-	-	-
-	-	-	-
-	-	-	-

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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