

## Material: ASTM B135 C37000

### Standard Specification for Seamless Brass Tube

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** ASTM B135 Seamless Brass Tube

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

**Belongs to the Industry:** Tube

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	372 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRB	55 - 90
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B283 C37000	ASTM	USA	Forging
SB-283 C37000	ASME	USA	Forging
C37000	UNS	USA	Rod, Bar and Shapes
B124 C37000	ASTM	USA	Rod, Bar and Shapes
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-	-	-	-
-	-	-	-

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Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)