



## Material - ASTM B124 UNS C67500

**Standard Specification for Copper and Copper Alloy Forging Rod, Bar and Shapes**

**Group - Non-Ferrous Copper Alloy**

**Sub Group - ASTM B124 Copper and Copper Alloy Forging Rod, Bar and Shapes**

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

**Grade Belongs to the Industry - Rod, Bar and Shape**

Chemical Composition			Heat Treatment	
Lead	Pb %	0.020 max.	Normalizing or Annealing or Tempering	
Tin	Sn %	0.500 - 1.500		
Iron	Fe %	0.800 - 2.000		
Manganese	Mn %	0.050 - 0.500		
Aluminium	Al %	0.250 max.		
Zinc	Zn %	Balance		
Copper	Cu %	57.000 - 60.000		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      344 min. Yield Strength in Mpa      - Elongation in %      - Reduction of Area in %      - Hardness in BHN      - Impact in Joule      -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B138 C67500	ASTM	USA	Rod, Bar and Shape
B283 C67500	ASTM	USA	Forging
CA675	SAE	USA	Rod, Bar and Shape
F467 C67500	ASTM	USA	Nut
SB-283 C67500	ASME	USA	Forging
SF-467 C67500	ASME	USA	Nut
SF-468 C67500	ASME	USA	Bolts, Hex Cap Screws and Studs

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.