

Material - ASTM B171 C36500

Standard Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers and Heat Exchangers

Group - Non-Ferrous Copper Alloy

Sub Group - ASTM B171 Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers and Heat Exchangers

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

Grade Belongs to the Industry - Plate and Sheet

Chemical Composition			Heat Treatment	
Iron	Fe %	0.150 max.	Normalizing or Annealing or Tempering	
Lead	Pb %	0.250 - 0.700		
Tin	Sn %	0.250 max.		
Copper	Cu %	58.000 - 61.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 275 - 345 Yield Strength in Mpa 85 - 140 Elongation in % 35 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B283 C36500	ASTM	USA	Forging
SB-171 C36500	ASME	USA	Plate and Sheet
SB-283 C36500	ASME	USA	Forging
365	AS	Australia	Forging
C36500	AS	Australia	Forging
C36500	UNS	USA	Rod, Bar and Shapes
B124 C36500	ASTM	USA	Rod, Bar and Shapes

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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