

Material: ASME SB-283 C77400

Standard Specification for Copper and Copper-Alloy Die Forgings

Group: Non-Ferrous Copper Alloy

Sub Group: ASME SB-283 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	
Ni + Co	Ni% + Co%	9.000 - 11.000	Normalizing or Annealing or Tempering	
Lead	Pb %	0.090 max.		
Copper	Cu %	43.000 - 47.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	570 min.
-	-	-	Yield Strength in Mpa	250 min.
-	-	-	Elongation in %	25 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRB	73 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B124 C77400	ASTM	USA	Rod, Bar and Shapes
B283 C77400	ASTM	USA	Forging
C77400	UNS	USA	Rod, Bar and Shape
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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