



Material - IS 12443 Naval Brass CuZn36Sn1

Standard Specification for Rolled Brass Plates for General Engineering

Group - Non-Ferrous Copper Alloy

Sub Group - IS 12443 Rolled Brass Plates for General Engineering

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

Grade Belongs to the Industry - Plate

Chemical Composition			Heat Treatment	
Tin	Sn %	1.000 - 1.500	As Raw or Strain Hardening	
Other	Ot%	0.750 max.		
Copper	Cu %	61.000 - 64.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	310 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	18 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn37 (A)	IS	India	Plates
464B	AS	Australia	Forging
CZ 112	BS	British	Rod and Section
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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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