



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - AS/NZS 1568 464B

Standard Specification for Copper and Copper Alloys - Forging Stock and Forgings

Group - Non-Ferrous Copper Alloy

Sub Group - AS/NZS 1568 Copper and Copper Alloys - Forging Stock and Forgings

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

Grade Belongs to the Industry - Forging

Chemical Composition			Heat Treatment	
Tin	Sn %	1.000 - 1.400	Normalizing or Annealing or Tempering	
Copper	Cu %	61.000 - 63.500		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	340 - 400
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	15 - 18
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn36Sn1	IS	India	Plate
CuZn37 (A)	IS	India	Plates
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

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.

ONE STOP SOLUTION FOR METAL PARTS