



## Material - KS D2320 CACIn802

### Standard Specification for Copper Alloys Ingot and Casting

Group - Non-Ferrous Copper Alloy

Sub Group - KS D2320 Copper Alloys Ingot and Casting

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	0.300 max.	As-Cast	
Lead	Pb %	0.300 max.		
Silicon	Si %	4.000 - 5.000		
Zinc	Zn %	14.000 - 16.000		
Copper	Cu %	78.500 - 82.500		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	414 min.
			Yield Strength in Mpa	165 min.
			Elongation in %	16 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C87500	UNS	USA	Rod, Bar, Tube and Shapes
B30 C87500	ASTM	USA	Ingot and Casting
B271 C87500	ASTM	USA	Casting
C87500	SAE	USA	Casting
CA875	SAE	USA	Casting
B584 C87500	ASTM	USA	Casting
SB-584 C87500	ASME	USA	Casting

**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)**

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