



## Material - KS D2320 CACIn202

### 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 %	0.500 max.	As-Cast	
Iron	Fe %	0.600 max.		
Nickel	Ni %	1.000 max.		
Lead	Pb %	0.500 - 3.000		
Tin	Sn %	0.100 max.		
Copper	Cu %	65.000 - 70.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	207 min.
-	-	-	Yield Strength in Mpa	76 min.
-	-	-	Elongation in %	20 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C85400	UNS	USA	Rod, Bar, Tube and Shapes
B30 C85400	ASTM	USA	Ingot and Casting
B271 C85400	ASTM	USA	Casting
B584 C85400	ASTM	USA	Casting
C85400	SAE	USA	Casting
CA854	SAE	USA	Casting
C85400	AS	Australia	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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