



## Material - KS D2320 CACIn604

### Standard Specification for Copper Alloys Ingot for Casting

Group - Non-Ferrous Copper Alloy

Sub Group - KS D2320 Copper Alloys Ingot for 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 %	0.005 max.	As-Cast	
Iron	Fe %	0.200 max.		
Nickel	Ni %	1.000 max.		
Phosphorus	P %	0.050 max.		
Lead	Pb %	14.000 - 16.000		
Antimony	Sb %	0.500 max.		
Silicon	Si %	0.005 max.		
Tin	Sn %	7.000 - 9.000		
Zinc	Zn %	1.000 max.		
Copper	Cu %	74.000 - 78.000		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      200 min. Yield Strength in Mpa      90 min. Elongation in %      7 min. Reduction of Area in %      - Hardness in BHN      - Impact in Joule      -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C93800	UNS	USA	Rod, Bar, Tube and Shapes
B30 C93800	ASTM	USA	Ingot and Casting
B66 C93800	ASTM	USA	Ingot and Casting
SB-505 C93800	ASME	USA	Casting
SB-584 C93800	ASME	USA	Casting
C93800	SAE	USA	Casting
CA938	SAE	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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