



## Material - BSI BS1400 CN2 CuNi30Nb

### Standard Specification for Copper Alloy and High Conductivity Conductivity Copper Casting

Group - Non-Ferrous Copper Alloy

Sub Group - BSI BS1400 Copper Alloy and High Conductivity Conductivity Copper Casting

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Lead	Pb %	0.005 max.	As-Cast	
Phosphorus	P %	0.005 max.		
Nickel	Ni %	28.000 - 32.000		
Iron	Fe %	1.000 - 1.400		
Manganese	Mn %	1.000 - 1.400		
Silicon	Si %	0.200 - 0.400		
Bismuth	Bi %	0.002 max.		
Sulphur	S %	0.010 max.		
Nb + Ta	Nb % + Ta%	1.200 - 1.400		
Carbon	C %	0.020 max.		
Cobalt	Co %	0.050 max.		
Other	Ot%	0.300 max.		
Copper	Cu %	Balance		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**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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