

Material: BSI BS1400 HTB3 CuZn28Al5FeMn

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		
Tin	Sn %	0.200 max.
Lead	Pb %	0.200 max.
Nickel	Ni %	1.000 max.
Iron	Fe %	1.500 - 3.250
Aluminium	Al %	3.000 - 6.000
Manganese	Mn %	4.000 max.
Silicon	Si %	0.100 max.
Other	Ot%	0.200 max.
Copper	Cu %	
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	740 min.
Yield Strength in Mpa	400 min.
Elongation in %	11 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
869D	AS	Australia	Ingots and Casting
C86300	AS	Australia	Ingots and Casting
CuZn26Al4Fe3Mn3	ISO	International	Ingots and Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India