

## Material: BSI BS1400 DCB3 CuZn40Pb

### 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:** Casting

Chemical Composition			Heat Treatment	
Tin	Sn %	1.000 max.	As-Cast	
Lead	Pb %	0.500 - 2.500		
Nickel	Ni %	1.000 max.		
Iron	Fe %	0.800 max.		
Aluminium	Al %	0.200 - 0.800		
Manganese	Mn %	0.500 max.		
Silicon	Si %	0.050 max.		
Other	Ot%	0.500 max.		
Copper	Cu %	58.000 - 63.000	Mechanical Properties	
Zinc	Zn %	Balance	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
857B	AS	Australia	Ingot and Casting
C85710	AS	Australia	Ingot and Casting
CuZn40Pb	ISO	International	Ingot and Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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**Customer Care:** +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)