

## Material: BSI BS1400 SCB1 CuZn5Pb3Sn2

### 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 - 3.000	As-Cast	
Nickel	Ni %	1.000 max.		
Lead	Pb %	2.000 - 5.000		
Iron	Fe %	0.750 max.		
Aluminium	Al %	0.010 max.		
Other	Ot%	1.000 max.		
Copper	Cu %	70.000 - 80.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties	
-	-	-	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
852C	AS	Australia	Ingot and Casting
C85210	AS	Australia	Ingot and Casting
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-	-	-	-
-	-	-	-
-	-	-	-
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