

# Material: BS EN 1982 CuZn15As-C (CC760S)

## Standard Specification for Copper and Copper Alloys - Ingot and Casting

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** BS EN 1982 Standard Specification for Copper and Copper Alloys - Ingot and Casting

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

**Belongs to the Industry:** Ingot and Casting

Chemical Composition		
Arsenic	As %	0.050 - 0.150
Aluminium	Al %	0.010 max.
Iron	Fe %	0.150 max.
Manganese	Mn %	0.100 max.
Nickel	Ni %	0.100 max.
Lead	Pb %	0.500 max.
Silicon	Si %	0.020 max.
Tin	Sn %	0.300 max.
Copper	Cu %	83.000 - 88.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	160 min.
Yield Strength in Mpa	70 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in HBW	45 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB760S	ONORM	Australia	Ingot and Casting
CB760S	CSN	Czech Republic	Ingot and Casting
CB760S	AFNOR NF	France	Ingot and Casting
CB760S	DIN	Germany	Ingot and Casting
CuSn15As-B	ONORM	Australia	Ingot and Casting
CuSn15As-B	AFNOR NF	France	Ingot and Casting
CuSn15As-B	DIN	Germany	Ingot and Casting

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