

Material: BS EN 1982 CuZn34Mn3Al2Fe1-C (CC764S)

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			Heat Treatment	
Antimony	Sb %	0.005 max.	As-Cast	
Tin	Sn %	0.300 max.		
Silicon	Si %	0.100 max.		
Lead	Pb %	0.300 max.		
Phosphorus	P %	0.030 max.		
Nickel	Ni %	3.000 max.		
Manganese	Mn %	1.000 - 4.000		
Iron	Fe %	0.500 - 2.500		
Aluminium	Al %	1.000 - 3.000		
Copper	Cu %	55.000 - 66.000		
Zinc	Zn %	Balance	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	600 min.
			Yield Strength in Mpa	250 min.
			Elongation in %	15 min.
			Reduction of Area in %	-
			Hardness in HBW	140 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB764S	AFNOR NF	France	Ingot and Casting
CB764S	BDS	Bulgaria	Ingot and Casting
CB764S	CSN	Czech Republic	Ingot and Casting
CB764S	DIN	Germany	Ingot and Casting
CuZn34Mn3Al2Fe1-B	UNI	Italy	Ingot and Casting
CuZn34Mn3Al2Fe1-B	UNE	Spain	Ingot and Casting
CuZn34Mn3Al2Fe1-B	MSZ	Hungary	Ingot and Casting

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