

# Material: KS D 2320 CACIn202

## Standard Specification for Copper Alloys - Ingots and Castings

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** KS D 2320 Copper Alloys - Ingots and Castings

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

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

Chemical Composition		
Aluminium	Al %	0.500 max.
Iron	Fe %	0.600 max.
Nickel	Ni %	1.000 max.
Lead	Pb %	0.500 - 3.000
Tin	Sn %	0.100 max.
Copper	Cu %	65.000 - 70.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	180 min.
Yield Strength in Mpa	70 min.
Elongation in %	12 min.
Reduction of Area in %	-
Hardness in HB	45 - 50
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB750S	BS	British	Ingot and Casting
CC750S	EN	European Union	Ingot and Casting
CC750S	DIN	Germany	Ingot and Casting
CC750S	UNI	Italy	Ingot and Casting
CC750S	BS	British	Ingot and Casting
CuZn33Pb2-C	PN	Poland	Ingot and Casting
CuZn33Pb2-C	AFNOR NF	France	Ingot and Casting

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