

Material: DIN CuZn40Mn1Pb

Standard Specification for Copper and Copper Zinc Alloy Rod

Group: Non Ferrous Copper Alloys

Sub Group: DIN CuZn40Mn1Pb Copper and Copper Zinc Alloy Rod

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

Grade Belongs to the Industry: Rod

Chemical Composition		
Aluminium	Al %	0.600 max.
Iron	Fe %	0.500 max.
Manganese	Mn %	0.400 - 1.800
Nickel	Ni %	1.000 max.
Lead	Pb %	1.000 - 2.000
Silicon	Si %	0.400 max.
Tin	Sn %	0.500 max.
Other	Ot %	0.500 max.
Copper	Cu %	57.000 - 59.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
As Raw or Solution Heat Treated	

Mechanical Properties	
Tensile Strength in Mpa	390 min.
Yield Strength in Mpa	150 min.
Elongation in %	12 min.
Reduction of Area in %	-
Hardness in BHN	85 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn40Mn1Pb1	DIN	Germany	Rod
2.058	DIN	Germany	Rod
CuZn40MnPb	DIN	Germany	Rod
SoMs58Pb	DIN	Germany	Rod
CU6	EN	European Union	Rod, Bolt, Screw, Stud and Nut
CuZn40Mn1Pb1	UNI	Italy	Rod
C37710	UNS	USA	Rod

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