

# Material: UNS C37710

## Standard Specification for Copper and Copper Zinc Alloy Rod

**Group:** Non Ferrous Copper Alloys

**Sub Group:** UNS C37710 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			Heat Treatment	
Iron	Fe %	0.300 max.	As Raw or Solution Heat Treated	
Lead	Pb %	1.000 - 2.500		
Copper	Cu %	56.500 - 60.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	310 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	20 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn40Mn1Pb1	DIN	Germany	Rod
2.058	DIN	Germany	Rod
CuZn40Mn1Pb	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

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