

## Material: ISO CuZn40Pb2

### Standard Specification for Copper and Copper Alloy Rod for Free Machining Purpose

**Group:** Non Ferrous Copper Alloys

**Sub Group:** ISO CuZn40Pb2 Copper and Copper Alloy Rod for Free Machining Purpose

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

**Grade Belongs to the Industry:** Rod

Chemical Composition			Heat Treatment	
Lead	Pb %	1.600 - 2.500	As Raw or Solution Heat Treated	
Copper	Cu %	57.000 - 59.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	400 min.
-	-	-	Yield Strength in Mpa	210 min.
-	-	-	Elongation in %	12 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	120 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn40Pb2	DIN	Germany	Rod
B 124 CW617N	ASTM	USA	Rod
LS59-2	GOST	Russia	Rod
CuZn40Pb2	SFS	Finland	Rod
CW617N	SFS	Finland	Rod
CuZn40Pb2	BS	British	Rod
CW617N	BS	British	Rod

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