

Material: IS 8328 Grade 1

Standard Specification for Free Cutting Copper Bars, Rods and Selection

Group: Non-Ferrous Copper Alloy

Sub Group: IS 8328 Free Cutting Copper Bars, Rods and Selection

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

Belongs to the Industry: Bar, Rod and Section

Chemical Composition			Heat Treatment	
Tellurium	Te %	0.500 - 0.800	Half Hardening or Hardening	
Phosphorus	P %	0.015 - 0.050		
Other	Ot%	0.100 max.		
Copper + Silver	Cu% + Ag%	99.050 max.		
-	-	-		
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			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	260 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	10 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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