

## Material: IS 8364 Grade 3

### Standard Specification for Free Cutting Brass Wire

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 8364 Free Cutting Brass Wire

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

**Belongs to the Industry:** Wire

Chemical Composition			Heat Treatment	
Lead	Pb %	0.500 - 1.500	Annealing or Half Hardening or Hardening	
Iron	Fe %	0.200 max.		
Other	Ot%	0.500 max.		
Copper	Cu %	60.000 - 63.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	325 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	20 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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