

## Material: IS 8362 CuZn37 (A)

### Standard Specification for Copper and copper Alloy Rolled Plates for Condensers and Heat Exchangers

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 8362 Copper and copper Alloy Rolled Plates for Condensers and Heat Exchangers

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

**Belongs to the Industry:** Plates

Chemical Composition			Heat Treatment	
Tin	Sn %	1.000 - 1.500	Normalizing or Annealing or Tempering	
Other	Ot%	0.750 max.		
Copper	Cu %	61.000 - 64.000		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      310 - 360 Yield Strength in Mpa      - Elongation in %      18 min. Reduction of Area in %      - Hardness in BHN      - Impact in Joule      -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn36Sn1	IS	India	Plate
464B	AS	Australia	Forging
CZ 112	BS	British	Rod and Section
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