

## Material: IS 1545 CuZn30As-O

### Standard Specification for Solid Drawn Copper and Copper Alloy Tubes for Condenser and Heat Exchangers

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 1545 Solid Drawn Copper and Copper Alloy Tubes for Condenser and Heat Exchangers

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

**Belongs to the Industry:** Tube

Chemical Composition			Heat Treatment	
Arsenic	As %	0.020 - 0.060	Stress Relieving or As Drawn or Hardening & Tempering or Tempering & Annealing or Annealing	
Iron	Fe %	0.060 max.		
Nickel	Ni %	0.100 max.		
Other	Ot%	0.300 max.		
Lead	Pb %	0.070 max.		
Copper	Cu %	69.000 - 71.000		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 375 min. Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in HV 80 min. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn30As	IS	India	Ingot and Casting
CuZn30As-HD	IS	India	Tube
CuZn30As-TA	IS	India	Tube
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)