

## Material: DIN SF-CuTe

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

**Group:** Non Ferrous Copper Alloys

**Sub Group:** DIN SF-CuTe 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	
Phosphorus	P %	0.005 - 0.012	As Raw or Solution Heat Treated	
Tellurium	Te %	0.400 - 0.700		
Other	Ot %	0.050 max.		
Copper	Cu %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 260 min. Yield Strength in Mpa 200 min. Elongation in % 8 min. Reduction of Area in % - Hardness in BHN 85 min. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuTeP	DIN	Germany	Rod
CuTe(P)	ISO	International	Rod
C 1100 W	JIS	Japan	Rod
C 109	BS	British	Rod
CuTeP	EN	European Union	Rod
CW118C	EN	European Union	Rod
2.1546	DIN	Germany	Rod

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