

Material: DIN 2.1546

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

Group: Non Ferrous Copper Alloys

Sub Group: DIN 2.1546 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 %	0.003 - 0.012	As Raw or Solution Heat Treated	
Tellurium	Te %	0.400 - 0.700		
Other	Ot %	0.100 max.		
Copper	Cu %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 220 - 260 Yield Strength in Mpa 50 min. Elongation in % 7 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
SF-CuTe	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

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