

Material: JIS C 2800 W

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

Group: Non Ferrous Copper Alloys

Sub Group: JIS C 2800 W 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	
Aluminium	Al %	0.020 max.	As Raw or Solution Heat Treated	
Iron	Fe %	0.020 max.		
Manganese	Mn %	0.020 max.		
Nickel	Ni %	0.020 max.		
Lead	Pb %	0.020 max.		
Copper	Cu %	59.000 - 63.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 315 - 705 Yield Strength in Mpa - Elongation in % 5 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn39Pb0.5	DIN	Germany	Rod
5163	SS	Sweden	Rod
C 3710 R	JIS	Japan	Rod
C 3712 BD	JIS	Japan	Rod
C 3712 BE	JIS	Japan	Rod
C 3712 BF	JIS	Japan	Rod
C 4640 P	JIS	Japan	Rod

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