

Material: JIS C 3604 W

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

Group: Non Ferrous Copper Alloys

Sub Group: JIS C 3604 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	
Iron	Fe %	0.500 max.	As Raw or Solution Heat Treated	
Fe + Sn	Fe% + Sn%	1.000 max.		
Lead	Pb %	1.800 - 3.700		
Copper	Cu %	57.000 - 61.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	335 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn38Pb4	DIN	Germany	Rod
C 3605 BD	JIS	Japan	Rod
C 3605 BE	JIS	Japan	Rod
CuZn38Pb4	EN	European Union	Rod
CW609N	EN	European Union	Rod
CuZn38Pb4	AFNOR NF	France	Rod
CW609N	AFNOR NF	France	Rod

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