

Material: JIS C 3603 W

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

Group: Non Ferrous Copper Alloys

Sub Group: JIS C 3603 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 %	0.350 max.	As Raw or Solution Heat Treated	
Lead	Pb %	1.800 - 3.700		
Fe + Sn	Fe% + Sn%	0.600 max.		
Copper	Cu %	57.000 - 61.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	315 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	15 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn38Pb2	DIN	Germany	Rod
C 3560 P	JIS	Japan	Rod
C 3771 BD	JIS	Japan	Rod
C 3771 BE	JIS	Japan	Rod
C 3771 BF	JIS	Japan	Rod
CuZn38Pb2	AFNOR NF	France	Rod
CW608N	AFNOR NF	France	Rod

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