

Material: JIS C 3602 BD

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

Group: Non Ferrous Copper Alloys

Sub Group: JIS C 3602 BD 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		
Iron	Fe %	0.500 max.
Lead	Pb %	1.800 - 3.700
Arsenic	As %	0.020 max.
Nickel	Ni %	0.200 max.
Fe + Sn	Fe% + Sn%	0.800 max.
Copper	Cu %	59.000 - 63.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Raw or Solution Heat Treated

Mechanical Properties	
Tensile Strength in Mpa	315 min.
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HV	75 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn36Pb3	DIN	Germany	Rod
MO61	PN	Poland	Rod
CZ 124	BS	British	Rod
C 3601 BD	JIS	Japan	Rod
C 3601 W	JIS	Japan	Rod
C 3602 BE	JIS	Japan	Rod
C 3602 BF	JIS	Japan	Rod

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