



## Material - BS CZ 124

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

Group - Non Ferrous Copper Alloys

Sub Group - BS CZ 124 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 %	0.300 max.	As Raw or Solution Heat Treated	
Lead	Pb %	2.500 - 3.700		
Other	Ot %	0.500 max.		
Copper	Cu %	60.000 - 63.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
Mechanical Properties				
Tensile Strength in Mpa		280 min.		
Yield Strength in Mpa		95 min.		
Elongation in %		3 min.		
Reduction of Area in %		-		
Hardness in BHN		-		
Impact in Joule		-		

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

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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