



## Material - ISO CU 3

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

Group - Non Ferrous Copper Alloys

Sub Group - ISO CU 3 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 %	2.500 - 3.500		
Copper	Cu %	56.000 - 59.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	370 min.
			Yield Strength in Mpa	250 min.
			Elongation in %	11 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn39Pb3	DIN	Germany	Rod
CuZn39Pb3	GOST	Russia	Rod
LS58-3	GOST	Russia	Rod
CuZn39Pb3	ISO	International	Rod
C 3604 BD	JIS	Japan	Rod
C 3604 BE	JIS	Japan	Rod
C 3604 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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