

Material: JIS C 1100 W

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

Group: Non Ferrous Copper Alloys

Sub Group: JIS C 1100 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

Heat Treatment

| Mechanical Properties | |
|-------------------------|---------------------|
| Tensile Strength in Mpa | 154.5 - 698.2 |
| Yield Strength in Mpa | 54.5 - 366.7 |
| Elongation in % | 15 min. |
| Reduction of Area in % | - |
| Hardness in BHN | - |
| Impact in Joule | 35.5 - 131.9 J @ RT |

| Cross Reference Table | | | |
|-----------------------|----------|----------------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| EN 12164 CuTeP | DIN | Germany | Rod |
| SF-CuTe | DIN | Germany | Rod |
| CuTe(P) | ISO | International | Rod |
| C 109 | BS | British | Rod |
| CuTeP | EN | European Union | Rod |
| CW118C | EN | European Union | Rod |
| 2.1546 | DIN | Germany | Rod |

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