

Material: UNS C67600

Standard Specification for Copper and Copper Alloy Forging Rod, Bar and Shapes

Group: Non-Ferrous Copper Alloy

Sub Group: UNS Copper and Copper Alloy Forging Rod, Bar and Shapes

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Rod, Bar and Shape

| Chemical Composition | | |
|----------------------|------|-----------------|
| Iron | Fe % | 0.400 - 1.300 |
| Manganese | Mn % | 0.050 - 0.500 |
| Lead | Pb % | 0.500 - 1.000 |
| Tin | Sn % | 0.500 - 1.500 |
| Copper | Cu % | 57.000 - 60.000 |
| Zinc | Zn % | Balance |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |

| Heat Treatment |
|---------------------------------------|
| Normalizing or Annealing or Tempering |

| Mechanical Properties | |
|-------------------------|----------|
| Tensile Strength in Mpa | 495 min. |
| Yield Strength in Mpa | 235 min. |
| Elongation in % | 33 min. |
| Reduction of Area in % | - |
| Hardness in HRB | 69 min. |
| Impact in Joule | - |

| Cross Reference Table | | | |
|-----------------------|----------|---------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| B124 C67600 | ASTM | USA | Rod, Bar and Shapes |
| B138 C67600 | ASTM | USA | Rod, Bar and Shape |
| B283 C67600 | ASTM | USA | Forging |
| SB-283 C67600 | ASME | USA | Forging |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

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