



Metal Alloys Corporation



YELLOW BRASS "63/37"

EQUIVALENT SPECIFICATIONS

| SPECIFICATIONS | DESIGNATION |
|----------------|-------------|
| ISO | CuZn37 |
| European | CuZn37 |
| BS | CZ 108 |
| JIS | C 2720 |
| Russian | L-63 |

Hot-forms more readily and is stronger than C26000.

TYPICAL APPLICATIONS:

INDUSTRIAL: Cold Headed Parts

PLUMBING: Plumbing Accessories, Traps, Plumbing Trap Tube

CHEMICAL COMPOSITION

| | Cu | Fe | Pb | Zn |
|-----------|-----------|-----|-----|------|
| Min./Max. | 61.0-64.0 | .05 | .09 | Rem. |
| Nominal | 62.5 | - | - | 37.5 |

PHYSICAL PROPERTIES

| | |
|----------------------------------|--|
| Melting Point - Liquidus | 1680 F |
| Density | 0.305 lb/in ³ at 68 F |
| Specific Gravity | 8.440 |
| Electrical Conductivity | 27.60 %IACS @ 68 F |
| Thermal Conductivity | 67 Btu • ft/(hr • ft ² • oF) at 68F |
| Coefficient of Thermal Expansion | 11.40 • 10 ⁻⁶ per oF (68-572 F) |
| Specific Heat Capacity | 0.090 Btu/lb/oF at 68 F |
| Modulus of Elasticity in Tension | 15000 ksi |
| Modulus of Rigidity | 5600 ksi |

SIZES AVAILABLE :

| | |
|---------------------|---------------------------------------|
| WIRE | 1mm To 8 mm |
| HOLLOW RODS | Min Bore Size 20 mm and Max OD 100 mm |
| ROUND RODS/BARS | 6mm To 130 mm |
| HEX | 5mm To 60mm |
| SQUARE | 4mm To 60mm |
| FLAT | 5mm Min Thickness and max Width 120mm |
| PROFILES / SECTIONS | AS per Customer Drawing |
| BILLETS | Up to 200 mm |
| INGOTS | AS per Specification |

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