



# SHREE EXTRUSIONS LIMITED

## C35300 THREADED ROLLING BRASS

### EQUIVALENT SPECIFICATIONS

| SPECIFICATIONS | DESIGNATION |
|----------------|-------------|
| ISO            | CuZn37Pb2   |
| European       | CuZn37Pb2   |
| Czech Republic | CuZn37Pb2   |
| BS             | Cz119       |

Excellent hot and cold workability; good forge ability. Fabricated by bending, coining, coppersmith, drawing and upsetting, hot forging and pressing, knurling, roll threading, shearing, spinning, swaging, and stamping.

### TYPICAL APPLICATIONS:

**Builders Hardware:** Drawer Pulls, Hinges, Drawer Handles

**Consumer:** Bicycle Spoke Nipples, Clock and Watch Parts, Clock Plates and Nuts, Key Blanks

**Fasteners:** Nuts, Rivets, Screws

**Industrial:** Ratchets, Instrument Backs, Automatic Screw Machine Parts, Valve Stems, Pinions, Flare Fittings, Couplings, Bearing Cages, Channel Plate, Wheels, Gears, Adapters

**Other:** Engravers Plate

**Plumbing:** Faucet Seats, Faucet Stems, Pipe Fittings, Plumbers Fittings, Plumbers' Brass Goods

### CHEMICAL COMPOSITION

|           | Cu        | Fe  | Pb      | Zn   |
|-----------|-----------|-----|---------|------|
| Min./Max. | 60.0-63.0 | .15 | 1.5-2.5 | Rem. |
| Nominal   | 61.5      | -   | 2.0     | 36.5 |

### PHYSICAL PROPERTIES

|                                  |   |
|----------------------------------|---|
| Melting Point - Liquidus         | 1670 F  |
| Melting Point - Solidus          | 1630 F  |
| Density                          | 0.306 lb/in <sup>3</sup> at 68 F              |
| Specific Gravity                 | 8.470   |
| Electrical Resistivity           | 39.90 ohms-cmil/ft @ 68 F                     |
| Electrical Conductivity          | 26 %IACS @ 68 F                               |
| Thermal Conductivity             | 67 Btu • ft/(hr • ft <sup>2</sup> •oF) at 68F |
| Coefficient of Thermal Expansion | 11.30 • 10 <sup>-6</sup> per oF (68-572 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                  |

Regd. Office & Works:  
217/218 Phase-II, Okha Rajkot Road, Dared, Jamnagar - 361 004. INDIA  
Tel.: +91 - 288 - 2730118 | Mobile: +91 - 9328105172  
mail@shree-extrusion.com | www.shree-extrusion.com



*Quality, Technology & Vision at it's Best...*