



# SHREE EXTRUSIONS LIMITED



## C27400 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 <sup>3</sup> at 68 F
Specific Gravity	8.440
Electrical Conductivity	27.60 %IACS @ 68 F
Thermal Conductivity	67 Btu • ft/(hr • ft <sup>2</sup> • oF) at 68F
Coefficient of Thermal Expansion	11.40 • 10 <sup>-6</sup> 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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