



C35330 THREADED ROLLING BRASS

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn37Pb2
EN	CuZn37Pb2
Czech Republic	CuZn37Pb2
BS	CuZn21Si3P 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	Pb	Zn	Fe
Max/Min	60.0-63.0	1.5-2.5	Rem	.15
Nominal	61.5	2.0	36.5	0.10

PHYSICAL PROPERTIES

Melting Point – Liquidus °F	1670 F
Melting Point – Solidus °F	1630 F
Density lb./cu in. at 68°F	0.306 lb/in3 at 68 F
Specific Gravity	8.470
Electrical Conductivity*% IACS at 68°F	26
Thermal Conductivity Btu/ sq. ft/ ft.Hr/ °F at 68°F	67
Coefficient of Thermal Expansion 68-57210 ⁻⁶ per °F (68 – 572°F)	11.3
Specific Heat Capacity Btu/ lb. /°F at 68°F	8.470
Modulus of Elasticity in Tension (ksi)	5600

SIZES AVAILABLE:

ROUND RODS	1.2 mm to 250 mm
HEX	5 mm to 65 mm
SQUARE	4 mm to 60 mm
FLAT	4 mm Min Thickness and max Width 120 mm
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



NABL / ISO : 15189
Accreditation Number M - 0000

