



Metal Alloys Corporation



YELLOW BRASS "65%"

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn35
Czech Republic	CuZn35
BS	CZ 107
JIS	C 2700

Hot-forms more readily and is stronger than C26000.

TYPICAL APPLICATIONS:

ARCHITECTURE: Handrails, Grillwork **AUTOMOTIVE:** Tanks, Radiator Cores **BUILDERS HARDWARE:** Push Plates, Finish Hardware, Hinges, Stencils, Kick Plates, Locks **ELECTRICAL:** Socket Shells, Screw Shells, Reflectors, Lamp Fixtures, Flashlight Shells **FASTENERS:** Grommets, Eyelets, Screws, Rivets, Fasteners, Pins **INDUSTRIAL:** Bead Chain, Springs, Chain **MARINE:** Fasteners **PLUMBING:** Sink Strainers, Plumbing Accessories

CHEMICAL COMPOSITION

	Cu	Fe	Pb	Zn
Min/Max	63.0 - 68.5	0.07	0.09	Rem
Nominals	65.0000	-	-	35.0000

PHYSICAL PROPERTIES

Coefficient of Thermal Expansion	11.3 $\text{Å} \cdot 10^{-6}$ per oF (68-572 F)
Density	0.306 lb/in ³ @ 68 F
Electrical Conductivity	27 %IACS @ 68 F
Electrical Resistivity	38.4 ohms-cmil/ft @ 68 F
Melting Point Liquid US	1710 F
Melting Point Solid US	1660 F
Modulus of Elasticity in Tension	15000 ksi
Modulus of Rigidity	5600 ksi
Specific Gravity	8.47
Specific Heat Capacity	0.09 Btu/lb/Å °F @ 68 F
Thermal Conductivity	67.0 Btu Å • ft/(hr Å • ft ² Å • Å °F) @ 68 F

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 & Plant
Plot No. 6 & 7, Village: Lakhavaval, Post: Khodiyar Colony, Jamnagar - 361006.
Tel.: +91-288-2889251 / 52, Fax: +91-288-2889223, Cell: +91-9924443396
Email: info@metalalloyscorp.com • web: www.metalalloyscorp.com



ENGINEERS INDIA LIMITED
(A Govt. of India Undertaking)