



LOW LEADED BRASS

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	C330
Europen	CW705R
BS	
JIS	C33000
Russian	

C33000 brass tubing, a yellow brass that is both formable and machinable. C330 is only produced in tube form and is generally suitable for minimal corrosive conditions. The lead content prevents from successful welding, but common machine processes include: machining, forming, piercing, and punching.

TYPICAL APPLICATIONS

- Pump Cylinder Liners
- Pump Lines
- Plumbing Accessories
- Power Cylinders Primers
- J Bends

CHEMICAL COMPOSITION

	Cu	Pb	Fe	Sn	Zn
Min/Max	58-61	0.25-0.70	0.15 (max)	0.25 (max)	Rem
Nominals	60.00				40.00

MECHANICAL PROPERTIES

	Cu	Pb	Fe	Zn
Min/Max	65.0-68.0	0.25-0.7	0.07	Rem
Nominals	66.00	0.50		33.5

FABRICATION PROPERTIES:

Joining Technique

- Soldering
- Brazing
- Oxyacethlene Welding
- Gas Shielded Arc Welding
- Coated Metal Arc Welding
- Spot Weld
- Seam Weld
- Butt Weld
- Capacity for Being Cold Worked
- Capacity for Being Hot Formed
- Machinability Rating

Suitability

- Excellent
- Good
- Fair
- Fair
- Not Recommended
- Fair
- Not Recommended
- Fair
- Excellent
- Poor
- 60

SIZES AVAILABLE

- Wire : 1mm To 8mm
- 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 120 mm
- 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@metallalloyscorp.com • web: www.metallalloyscorp.com



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