



SHREE EXTRUSIONS LIMITED

C36500

LEADED MUNTZ METAL

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn40Pb
European	CW610N
BS	
JIS	C36500
Russian	

C36500 alloy provides a lower percentage lead alloy (versus conventional free cutting and forging alloys) that aids in the compliance to this legislation while maintaining machinability ratings near that of conventional free cutting brass

TYPICAL APPLICATIONS

- Screw machine parts requiring lower lead content
- Potable water components, fixtures & applications
- Forged components in lead free compliant products

ADVANTAGES

- Excellent machineability
- Excellent capability for brazing and plating
- Completely recyclable
- Good hot Forgability
- Excellent ability to thread roll

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

Rod H02	Tensile Strength (ksi)	Yield Strength (ksi)	Elongation (%)	Hardness (Rb)
	65	45	30%	75

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

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