



## 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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