



## COPPER LEAD ZINC ALLOY

### EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn37
European	CW508L
BS	
JIS	C36300
Russian	

**C36300** alloy provides a lower lead brass alloy option that aids with the compliance strategies of manufacturers who seek an alternative that is not only **COMPLIANT**, but also **COMPETITIVE** and **COMPATIBLE** with standard free cutting and forgings alloys commonly used today.

### TYPICAL APPLICATIONS

- Screw machine parts and components for potable water products requiring lead free compliance
- Forged parts and components for potable water products requiring lead free compliance

### ADVANTAGES

- Excellent machineability
- Excellent capability for brazing and plating
- Improved resistance to dezincification
- Good hot Forgability
- Excellent ability to thread roll

### CHEMICAL COMPOSITION

	Cu	Pb	Fe	P	Zn
Min/Max	61-63	0.25-0.70	0.15 (max)	0.04-0.15	Rem
Nominals	63.00				37.00

### MECHANICAL PROPERTIES

Rod H02	Tensile Strength (ksi)	Yield Strength (ksi)	Elongation (%)	Hardness (Rb)
	65	45	20%	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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