



# SHREE EXTRUSIONS LIMITED

## C37000

## FREE CUTTING MUNTZ METAL

### EQUIVALENT SPECIFICATIONS

SPECIFICATIONS	DESIGNATION
ISO	CuZn38Pb
European	CW607N
BS	
JIS	C37000
Russian	

**C37000** alloy provides a low lead alloy that aids in the compliance to this legislation, while maintaining machinability ratings and forging performance near that of conventional free cutting and forging alloys.

### TYPICAL APPLICATIONS

- Screw machine parts and components requiring lower lead content
- Forged parts and components for lead free applications and products

### ADVANTAGES

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

### CHEMICAL COMPOSITION

	Cu	Pb	Fe	Zn
Min/Max	59-62	0.8-1.5	0.15 (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

Regd. Office & Works:  
217/218 Phase-II, Okha Rajkot Road, Dared, Jamnagar - 361 004. INDIA  
Tel.: +91 - 288 - 2730118 | Mobile: +91 - 9328105172  
mail@shree-extrusion.com | www.shree-extrusion.com



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