

Metal Alloys Corporation





DZR LEAD FREE BRASS

EQUIVALENT SPECIFICATIONS

SPECIFICATIONS DESIGNATION

ISO CuZn37 Europen CW508L

BS

C27450

Russian

C27450 Lead Free Brass to not only aid in lead free compliance, but to optimize manufacturing efficiencies through productivity & complete recyclability.

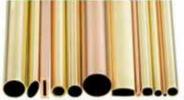
TYPICAL APPLICATIONS

- Ÿ Potable water components, Faucets, Showers fixtures & applications
- Y PEX plumbing applications & systems
- Ÿ Forged products requiring lead free &/or dezincification compliance

ADVANTAGES

- Ÿ Excellent Expandability / forgeability
- Ÿ Excellent ability to Thread Roll
- Ÿ Dezincification Resistant

- · Excellent Buffing & Polishing Grade
- · Excellent Brazing & Plating
- · Easy Wrinkles Free Bending Grade



Available Shapes

CHEMICAL COMPOSITION

	Cu	Pb	Fe	Zn	Others
Min/Max	60-65	<0.25 (max)	0.35	Rem	<0.5
Nominals	63.00			37.00	

MECHANICAL PROPERTIES

Rod H02	Tensile Strength (ksi)	Yield Strength (ksi)	Elongation (%)	Hardness (Rb
	58	40	30%	55-75

FABRICATION PROPERTIES

Soldering : Excellent Brazing : Excellent Cold working : Excellent Plating : Excellent Forgability : 95 Machinability : 70

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

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