

# BS 1400 LG4

# COPPER ALLOY

LEADED GUNMETAL LG4

Leaded gunmetals giving good corrosion resistance with moderate strength and good castability. Applications include pumps valves and bearings. most commonly used leaded gunmetal offering excellent machining properties and a very good wear resistance. It is a medium strength alloy with good pressure tightness, is resistant to dezincification and offers a reasonable corrosion resistance in sea water and brine

## Chemical Properties

Cu	Sn	Zn	Pb
88	7	3	3

## Mechanical Properties

Yield strength	Tensile strength	Elongation	Hardness
Min 0.2% Mpa	Min Mpa	Min %	HRB
130	240	12	70

## Physical Properties

Density	Mean Coefficient of Thermal	Thermal Conductivity	Melting Range
(Kg/m <sup>3</sup> )	Expansion(μm/m/°C)	(W/m.K)	
8.7	18	61	830-1030

## Equivalent Designation

UNS CC492K  
BS 1400 LG4  
CC492K  
C924  
Werkstoff no 2.1093

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