

BS1400 LB2

COPPER ALLOY

LEADED BRONZE LB2

BS1400:LB2 is a leaded Bronze LB2 containing approximately 9% lead and 5% Tin. These additions create an alloy with excellent machining properties, good wear properties, a medium strength and a good corrosion resistance. It will withstand some weaker acids in contaminated waters. Suitable for bearings where low to moderate loads are used the LB2 is also ideal for applications with little lubrication or possible miss-alignment for short periods. The LB2 is most suitable for mild steel shafts with low loadings or hard shafts with moderate or low loads and speed.

Chemical Properties

Cu	Sn	Pb
80	10	10

Mechanical Properties

Yeild strength	Tensile strength	Elongation	Hardness
Min 0.2% Mpa	Min Mpa	Min %	HRB
150	230-310	6.0-15	80-90

Equivalent Designation

UNS C93700
 BS 1400 LB2
 Din CuPb10Sn
 CC495K
 C937

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