

BS 1 400 LB4

COPPER ALLOY

LEADED BRONZE LB4

BS1400:LB4 is a leaded Bronze LB4 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 LB4 is also ideal for applications with little lubrication or possible miss-alignment for short periods. The LB4 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
86	5	9

Mechanical Properties

Yeild strength	Tensile strength	Elongation	Hardness
Min 0.2% Mpa	Min Mpa	Min %	HRB
130	230-310	9.0-20	60-80

Equivalent Designation

UNS C93500
BS 1400 LB4
CC494K
C935

CUSTOMER ASSISTANCE : customer@TorqBolt.com