

BS 1400 LB3

COPPER ALLOY

LEADED BRONZE LB3

BS1400:LB3 is a leaded Bronze LB3 containing approximately 4-6% lead and 9-11% Tin with addition of 1% Zinc. 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 LB3 is also ideal for applications with little lubrication or possible misalignment for short periods. The LB3 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	Zn
Rem	9.0-11.0	4.0-6.0	1.0

Mechanical Properties

Yield strength	Tensile strength	Elongation	Hardness
Min 0.2% Mpa	Min Mpa	Min %	HRB
100	195	10	65

Equivalent Designation

C92710
Din CuPb5Sn
BS 1400 LB3

CUSTOMER ASSISTANCE : customer@TorqBolt.com

#4/217, Deccan Bank Bldg,
R. R. Roy Road, Mumbai – 400 004,
Maharashtra, INDIA

Email: info@TorqBolt.com

Web: www.TorqBolt.com

Copyright 2013 Torqbolt Inc.