

Bronze casting Leaded Bronze casting



BRONZE CASTING LEADED BRONZE CASTING FOUNDRY INDIA BRONZE FOUNDRY

We are one of the leading casting foundries from India offering high quality **Bronze casting and Laded Bronze machined castings**. We have state of the art foundry and latest CNC machines to offer castings that are approved by most demanding customers. **Bronze casting and Leaded Bronze Casting** of our company is manufactured using the latest technology to ensure best quality. The High Lead Bronze Casting is produced from high quality raw materials and ingots so that these can last for a long period. We maintain high tolerance during manufacturing process by using best casting and machining methods. As a result we are among the leading Lead Casting Manufacturers and Suppliers based in India. Our Bronze Fittings Bronze machined components CNC machined parts and castings are approved by leading OEMs across the globe.

Usages of our **Bronze castings**:

- Marine Propellers
- Bushings and threaded couplings Adapters
- Bronze Pump parts Bronze Impellers
- Fire Fighting equipments and fittings
- Electrical grade parts and castings for Transformers
- Lined and Unlined bearings bronze fittings
- Highly Corrosive marine conditions bearing
- Industrial and Railway bearings
- Industry and Mill bearings
- Aero engine bearings
- Mining machinery bearings
- Oil industry bearings

Physical Properties

Leaded Bronze					
Grade B. S. 1400: 1985	Nominal Composition	2% PS N/mm Min	Tensile Strength N/mm Min	Elongation % Min	Brinell Hardness Min
LPB-1	76/9/0/15				
LB2	80/10/0/10	80	180	8	60
LB3/LBC3	85/10/0/5	100	195	10	65
LB4	85/5/0/10	60	160	7	55
LB5	75/5/0/20	70	150	5	45
LBC3	79/10/1/10	80	180	8	60
LBC4	78/7/0/15	80	170	8	60

Chemical Composition

LB-1 Standard: BS 1400								
Copper Alloys	CU	SN	PB	ZN	NI	P	SI	Impurities
LB-1	Rem.	8-10	13-17	1	2	0.1	0.02	0.3

LB-2 Standard: BS 1400											
Copper Alloys	CU	SN	PB	ZN	FE	NI	P	AL	SI	SB	Impurities
LB-2	Rem.	9-11	8.5-11	1	0.15	2	0.1	0.01	0.02	0.5	0.5

LB-4 Standard: BS 1400									
Copper Alloys	CU	SN	PB	ZN	NI	P	SI	SB	Impurities
LB-4	Rem.	4-6	8-10	2	2	0.1	0.02	0.5	0.5

AB-5 Standard: JIS									
Copper Alloys	CU	SN	PB	ZN	NI	P	SI	SB	Impurities
LB-5	Rem.	4-6	18-23	1	2	0.1	0.01	0.5	0.3

LTB-3 Standard: IS 318-1981										
Copper Alloys	CU	SN	PB	ZN	FE	NI	AL	SI	SB	Impurities
LTB-3	Rem.	6-8	9-11	0.75	0.35	2	0.01	0.02	0.5	0.8

LTB-4 Standard: IS 318-1981										
Copper Alloys	CU	SN	PB	ZN	FE	NI	AL	SI	SB	Impurities
LTB-4	Rem.	6-8	14-16	0.75	0.35	2		0.02	0.5	0.8

LTB-5 Standard: IS 318-1981										
Copper Alloys	CU	SN	PB	ZN	FE	NI	AL	SI	SB	Impurities
LTB-5	Rem.	9-11	8.5-11	1	0.35	2	0.01	0.02	0.5	0.8

LTB-6 Standard: IS 318-1981										
Copper Alloys	CU	SN	PB	ZN	FE	NI	AL	SI	SB	Impurities
LTB-6	Rem.	4-6	18-23	1	0.35	2		0.01	0.5	0.8

ADDEESS:

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KEYWORDS:

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