

**Leaded Bronze Ingots Billets**

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We are one of the leading manufacturers and casting foundry from India offering a whole range of LEADED BRONZE ALLOYS IN BILLETS AND INGOTS FORM . We offer TIN LEADED INGOTS GUNMETAL INGOTS AND BILLETS in our state of the art foundry with controlled Spectrometer and other instruments.**leaded bronze alloys, Leaded bronze rods bars** exported worldwide. Gunmetal - C836 or C83600 is one of the best alloys when it comes to wear resistant casting for pumps parts impellers electrical grade grounding clamps fasteners bushings etc.

International Standard	Mechanical Properties				Applications and USages
	UTS N/mm2	E%	Y.S. Rp 0.2 N/mm2	Hardness HB	
ASTM B-139 C54400	345-447	10-15 min	-	-	Hard and half hard leaded bronze used for friction parts at average speed and pressure it is used as bearings, sockets, slides, nuts etc.

ASTM B505 C 83600	225 min	16 min	90 min	60 min	Leaded Bronze with excellent friction built is suitable for bearings, rings immersed, oilless bearings, chemical industries.
ASTM B505 C 93200	240 min	15 min	128 min	65 min	This type of Leaded Bronze used when in corrosive abrasive conditions. Having good machinability, application to machine bearing, bush, bolts, nuts, circlips bushing and for ball point pen etc.

Standard	Nearest ISO Designation	International Equivalence	Chemical Composition by Wt. %					
			Cu%	Sn%	P%	Pb%	Zn%	Others
ASTM B-139 C54400	CuSn <sub>4</sub> Pb <sub>4</sub> Zn <sub>4</sub>	-	Rem	3.5 - 4.5	0.01-0.50 max	3.5-4.5 max	1.5-4.5	Fe-0.1 Total Imp 0.50% max
ASTM B505 C 83600	CuSn <sub>5</sub> Pb <sub>5</sub> Zn <sub>5</sub>	DIN 1705 RG-5 ISO 1338 BS 1400 LG-2 IS 318 SAE J461 , SAE J 462	84-86	4-6	0.05 max	4-6	4-6	Fe-0.10 max Total Imp 0.50% max
ASTM B505 C 93200	CuSn <sub>7</sub> Pb <sub>7</sub> Zn <sub>3</sub>	DIN 1705 RG-7 ISO 1338 BS 1400 LG-2 IS 318 SAE J461 , SAE J 462	81-85	6-8	0.05 max	5-7	3-5	Fe-0.10 max Total Imp 0.50% max

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**ADDEESS:**

Conex Bronze Fittings

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**KEYWORDS:**

**Bronze billets, bronze ingots, Gunmetal ingots, C83600 ingots, casting foundry, Gunmetal casting foundry, Gunmetal ingots, Gunmetal billets, Bronze casting billets, bronze casting ingots, C836 ingots, Leaded tin bronze, India foundry Bronze,**