



Chicago Bronze

Cast Right. Machine Tight. Since 1980.

Alloy C93700 High-Leaded Tin Bronze (SAE 64)

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	80.00%	Density	8950 kg/m ³
Sn	10.00%	Hardness (BHN)	60
Pb	10.00%	UTS	240 MPa
		Yield (0.2%)	130 MPa
		Elongation	15 %
		Machinability	Excellent (rating 80)

Applications	Standards
Plain & flanged bearings (SAE 660 class), thrust washers, gears, pump components.	ASTM B271
	ASTM B505
	ASTM B584

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Values are typical. Verify against relevant ASTM/AMS standards. © Chicago Bronze.