



# Chicago Bronze

Cast Right. Machine Tight. Since 1980.

## Alloy C92700 Lead Tin Bronze

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	87.80%	Density	8780 kg/m <sup>3</sup>
Sn	10.00%	Hardness (BHN)	77
Pb	1.50%	UTS	252 MPa
Zn	0.70%	Yield (0.2%)	138 MPa
		Elongation	8 %
		Machinability	Good (rating 45)

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.