



Chicago Bronze

Cast Right. Machine Tight. Since 1980.

Alloy C92200 Navy M Lead Tin Bronze

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	88.50%	Density	8640 kg/m ³
Sn	6.00%	Hardness (BHN)	65
Zn	4.00%	UTS	262 MPa
Pb	1.50%	Yield (0.2%)	131 MPa
		Elongation	18 %
		Machinability	Fair (rating 30)

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.