



Chicago Bronze

Cast Right. Machine Tight. Since 1980.

Alloy C86300 (Mn Bronze)

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	60.00%	Density	8500 kg/m ³
Zn	22.00%	Hardness (BHN)	190
Mn	3.50%	UTS	655 MPa
Fe	3.00%	Yield (0.2%)	345 MPa
Al	1.50%	Elongation	14 %
		Machinability	Fair (rating 2)

Applications	Standards
High tensile bushings, wear plates, gears & worm wheels, heavy machinery components.	ASTM B271 ASTM B505 ASTM B584

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