



Chicago Bronze

Cast Right. Machine Tight. Since 1980.

Alloy C85400 High-Tensile/Leaded Yellow Brass

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	64.30%	Density	8360 kg/m ³
Al	4.00%	Hardness (BHN)	97
Mn	3.50%	UTS	540 MPa
Fe	3.00%	Yield (0.2%)	240 MPa
Zn	25.00%	Elongation	10 %
Pb	0.20%	Machinability	Good (rating 81)

Applications	Standards
General engineering bushings, fittings, low friction components, architectural hardware.	ASTM B271 ASTM B505 ASTM B584

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