



Chicago Bronze

Cast Right. Machine Tight. Since 1980.

Alloy C83600 Leaded Red Brass (85-5-5-5)

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	85.00%	Density	8830 kg/m ³
Sn	5.00%	Hardness (BHN)	65
Pb	5.00%	UTS	248 MPa
Zn	5.00%	Yield (0.2%)	140 MPa
		Elongation	20 %
		Machinability	Very Good (rating 84)

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.