



Chicago Bronze

Cast Right. Machine Tight. Since 1980.

Alloy C95200 Aluminum Bronze (9A)

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	87.50%	Density	7700 kg/m ³
Al	9.50%	Hardness (BHN)	125
Fe	2.00%	UTS	550 MPa
Mn	0.50%	Yield (0.2%)	185 MPa
Ni	0.50%	Elongation	35 %
		Machinability	Good (rating 50)

Applications	Standards
General purpose wear rings, high strength bushings, gears, pump housings, valve seats.	ASTM B148
	ASTM B271
	ASTM B505

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