



# Chicago Bronze

Cast Right. Machine Tight. Since 1980.

## Alloy C95800 Nickel Aluminum Bronze (NAB)

Composition (wt.%)		Mechanical Properties	
Element	Wt.%	Property	Value
Cu	82.00%	Density	7640 kg/m <sup>3</sup>
Al	9.00%	Hardness (BHN)	159
Ni	4.00%	UTS	586 MPa
Fe	4.00%	Yield (0.2%)	241 MPa
Mn	1.00%	Elongation	18 %
		Machinability	Good (rating 50)

Applications	Standards
Marine propeller hubs, stern■tube & rudder bearings, seawater valves & pumps, heavy■duty bushings.	ASTM B148 ASTM B271 ASTM B505

**CHICAGO BRONZE ENGINEERED CASTINGS LLC**

11417 Irving Park Road (IL-19), Suite B-3-6, Franklin Park, IL, 60131  
dersan@chicago-bronze.com · www.chicago-bronze.com

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