

Nickel Silver Bronze C97800

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SINO ALLOY
BRONZE

Typical Uses

- **Architecture** ornamental castings
- **Builders Hardware** hardware
- **Consumer** musical instruments components
- **Industrial** valves, fittings for dairy and food processing

Shape/Form

Semi-finished, mill stock or near-net shapes, anode, bar stock, billet/bloom, squares, hex, plate, profile or structural shape, flats/rectangular bar

Similar or Equivalent Specification

Alloy	ASTM	ASARCON	SAE	AMS	Federal	Military	Other
C97800	B505						25% NICKEL SILVER

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Sb%	P%	S%	Al%	Mn%	Si%
C97800	64.00-	4.00-	1.00-	1.00-		24.00-						
	67.00	5.50	2.50	4.00	1.50	27.00	0.20	0.05	0.08	0.005	1.00	0.15

Mechanical Properties

Tensile Strength(min)		Yield Strength(at .5% extension under load min)		Elongation(in 2in. or 50mm min, %)	Brinell Hardness(min)	Remarks
		Ksi	MPa			
45	310	22	152	8	N/A	