



## CDA/UNS C-95400

### *Alloy 954 Aluminum Bronze (C95400)*

There are many recommended uses for 954 aluminum bronze, some of which include weld guns, nuts, bearings, pump parts, bushings and gears. This all-purpose alloy resists wear and deformation under extreme loads and stress. Alloy 954 has a machinability rating of 60% along with high ductility and weldability.

## TYPICAL USES

### **Automotive**

Weld Guns

### **Fasteners**

Nuts, large hold down screws

### **Industrial**

Pickling hooks, bearings, pawl, worm gears, machine parts, spur gears, heavily loaded worm gears, pump parts, landing gear parts, valve bodies, valve guides, valve seats, bearing segments for the steel industry, pressure blocks for the steel industry, high strength clamps, bushings, valves, gears.

### **Marine**

Ship building, covers for marine hardware

### **Ordnance**

Government fittings

### Chemical Composition

	Cu	Al	Fe	Mn	Ni (1)
MIN/MAX	83.0	10.01-			
MIN		11.53	3.0-5.0	0.5	1.5
NOMINAL	83.2	10.8	4	0	1