

# STELLITE ALLOY 1

## Characteristics.

- They are alloys composed of different proportions of cobalt, nickel, iron, aluminum, boron, carbon, chromium, manganese, molybdenum, phosphorus, sulfur, silicon, and titanium.
- There are different grades and most of the alloys get to have from 4 to 6 of these elements.
- It's a hard coating alloy created to enhanced resistance to metal wearing.
- Resistant to rust, abrasion, and corrosion.
- Used in different applications: machinery parts resistant to acids, lathe tool fabrication, pump sleeves, rotary seal rings, saw blades, turbine blades, etc.

## Stellite Alloy 1

- Resistant to rust and reducing atmospheres up to 2100°F.
- Excellent restance to high temperatures

**\*Stellite es una marca registrada de Deloro Stellite Company.**

# STELLITE ALLOY 1

## Shape or Presentation

- Bar
- Welding wire
- Powder
- Electrodes
- Cast parts, etc.

## Chemical Composition %

Co	Ni	Fe	C
Balance	3 max	2.5 max	2.45
Cr	Mn	Si	W
31	1	1	13

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