

STELLITE ALLOY 6

Characteristics.

- 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 6

- Cobalt alloy
- Excellent mechanical and chemical resistance at a wide temperature range.
- Excellent anti-galling and cavitation erosion.

STELLITE ALLOY 6

Shape or Presentation

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

Chemical Composition %

Co	Ni	Fe	C
Balance	3 max	3 max	1.2
Cr	Mn	Si	W
28	1	1.1	4.5

*Stellite es una marca registrada de Deloro Stellite Company.