

Stainless Steel 316/316L

UNS S31600 / S31603

Characteristics.

- Steel belonging to the group of austenitic, composed mainly of chromium-nickel-molybdenum.
- Has improved machinability.
- An improved corrosion resistance compared to steels grade 304 / 304L.
- It is common to see this steel machined parts such as flanges, pipe fittings, valves, pump components, heat exchangers, etc.
- Is used in a wide range of industrial applications, such as chemical, petrochemical, pulp and paper, fertilizer, energy, as well as in the production of pharmaceuticals, food and beverages, etc.

Shape or Presentation

- Bar
- Round bar
- Hollow bar
- Tube
- Tubing
- Sheet
- Flanges
- Valves
- Rings
- Axles
- Disks
- Others

Chemical Composition %

| Cr | Ni | C | Si |
|-----------|-----------|-----------|-----|
| 17 | 10 | 0.030 max | 0.3 |
| P | S | Mo | Mn |
| 0.040 max | 0.030 max | 2.1 | 1.8 |