

STAINLESS STEEL AL-6XN

UNS N08367

Characteristics.

- Belongs to the super austenitic group.
- Extremely resistant to chloride pitting and to general corrosion due to its content of its components. It contains nickel (24%), Molybdenum (6.3%) and Nitrogen.
- Molybdenum alloy that is used in highly aggressive environments.
- Malleable and weldable iron.
- Keeps high ductility and resistance on impact.
- Used in DGC washers, tanks for chemical processes and tubing, sea water heat exchangers, petroleum, and packaging high distillation columns, gas, and petroleum production equipment, etc.

Shape or Presentation

- Sheet
- Plate
- Bar
- Tube
- Tubing
- Accesories

Chemical Composition %

| Ni | Cr | Mo | C | N | Mn |
|-------------|---------------|-------------|----------|-------------|---------|
| 23.5 – 25.5 | 20.00 – 22.00 | 6.00 – 7.00 | 0.03 max | 0.18 – 0.25 | 2.0 max |
| Si | P | S | Cu | Fe | |
| 1.00 max | 0.040 max | 0.03 max | 0.75 max | Balance | |