



# INFORMATION GUIDE

## 304 vs 316 STAINLESS STEEL

### COMPARISON



### 304 STAINLESS STEEL

- 18% CHROMIUM
- 8% NICKEL

Used primarily in industrial applications and kitchen equipment, 304 stainless has good corrosion resistance to an array of chemicals and substances. With high heat-resistance and good welding capabilities, 304 stainless has excellent formability for multiple applications.

- Low Cost Corrosion Resistance
  - Oxidation Resistant
- Large Fabrication Range
- Higher Melting Point
- Cost Effective
- UL/NEMA 4X Rated & Certified



### 316 STAINLESS STEEL

- 16% CHROMIUM
- 10% NICKEL
- 2% MOLYBDENUM

Typically used for water and chemical intensive applications like pumps, valves, textiles, chemical equipment, marine applications, and more. 316 has a better corrosion and pitting resistance than the 304 stainless steel and a greater high temperature strength.

- Very High Corrosion Resistance
- Chemical & Chlorine Resistant
- More Expensive \*(May last longer)
  - Marine, & Water Applications
- UL/NEMA 4X Rated & Certified

Both are great for corrosion resistance, welding, strength, and heat resistance, but the 316 is the more overall complete variation, giving more peace of mind in all applications.