

UNS S31653 / 316LN / 1.4406

Type 316LN stainless steel is austenitic steel suitable for the fabrication of many products. Due to its molybdenum content, it can be used in applications that require increased corrosion resistance.

It has a more stable austenitic structure, which means it provides a lower magnetic permeability. The nitrogen content adds additional resistance to sensitization.

Material Data Sheet

Material Designation/Name	316LN
UNS	UNS S31653
DIN	DIN 1.4406

Main application of 1.4406

- Chemical processing, Pulp & paper industry
- Pharmaceutical applications, Applications with high magnetic fields
- Surgical instruments, Orthopedic implants, Chemical and cryogenic tanks

Chemical composition of 1.4406

Carbon, C	0.12
Chromium, Cr	16-18
Silicon, Si	≤ 1
Nickel, Ni	10-14
Manganese, Mn	≤ 2
Sulfur, S	0.03 MAX
Phosphorous, P	0.045 MAX
N	0.10-0.30
Mo	2-3
Iron, Fe	Balance

Delivery status and forms

Various sizes and tolerances available upon your request.

Contact us



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Our Product Is Metal. Our Passion Is Service.

<https://www.yubisteel.com/product/type-316ln-stainless-steel/>