

UNS S31600, 316 stainless steel

Bebon International is a professional 316 stainless steel exporter in china. We can supply more than 1000 tons 316 steel every month. If you have any inquiry about 316 stainless steel, if you are looking for a qualified 316 stainless steel supplier and want to get the 316 stainless steel price, please do not hesitate to contact us.

1. Standard: Germany: DIN 1.4828

Italy: UNI x 16 CrNi 23 14

United States: France: AFNOR Z 6 CND 17.11

Germany: DIN 1.4401

Italy: UNI X 5 CrNiMo 17 12

Japan: JIS SUH 309 , JIS SUS 316 , JIS SUS Y 316

Sweden: SS 2347

United Kingdom: B.S. 316 S 16 , B.S. 316 S 18 , B.S. 316 S 25 , B.S. 316 S 26 , B.S. 316 S 30 , B.S. 316 S 40 , B.S. 316 S 41 , B.S. En. 58 H

United States: ASME SA213 , ASME SA240 , ASME SA249 , ASME SA312 , ASME SA320 , ASME SA358 , ASME SA376, SAE 30316 , SAE J405 (30316) , UNS S31600

2. Grade: 316 stainless steel

3. Type: Austenitic Chromium- Nickel steel

4. Product: 316 stainless steel, 316 stainless steel plate, 316 stainless steel coil, 316 stainless round steel, 316 stainless steel pipe

5. Steel Plate Dimension, Thickness: 0.3-80mm, Width: 1000-2000mm, Length: 2000-12000mm

6. Technique: Cold Rolled, Hot Rolled, Cold Drawn

7. Surface finished: No.1, 2B, 2D, BA, 8K, HL etc.

8. 316 stainless steel Chemical composition in percent by weight [%]

C≤0.08, Si≤1.00, Mn≤2.00, Cr:16.0-18.0, Ni:10.0-14.0, P≤0.045, S≤0.03, Mo:2.0-3.0

9. 316 stainless steel Mechanical properties

Density (×1000 kg/m<sup>3</sup>) 8

Poisson's Ratio 0.27-0.30

Elastic Modulus (GPa) 193

Tensile Strength (Mpa) 515

Yield Strength (Mpa) 205

Elongation (%) 40

Reduction in Area (%) 50

Hardness (HRB) 95 (max)

10. 316 stainless steel Application: 316 stainless steel is mainly used in chemical process, rubber, plastics, pulp and paper, pharmaceutical and textile industries, heat exchangers, condensers, evaporators.

11. Payment Terms: T/T, 100% L/C at sight.

12. Trading Terms: FOB, CIF, CFR, CNF

13. Packaging: Pallet, Bundle, Loose and Nude.

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