

UNS S30309S, 309S stainless steel

Bebon International is a professional 309S stainless steel exporter in china. We can supply more than 1000 tons 309S steel every month. If you have any inquiry about 309S stainless steel, if you are looking for a qualified 309S stainless steel supplier and want to get the 309S stainless steel price, please do not hesitate to contact us.

1. Standard: France: AFNOR Z 15 CN 24.13

Germany: DIN 1.4833

Italy: UNI X 6 CrNi 23 14

United States: AMS 5523 , AMS 5574 , AMS 5650 , ASME 8A240 , ASTM A167 , ASTM A240 , ASTM A276 , ASTM A314 , ASTM A473 , ASTM A511 , ASTM A554 , ASTM A580 , SAE 30309S , SAE J405 (30309S)

2. Grade: 309S stainless steel

3. Type: Austenitic Chromium- Nickel steel

4. Product: 309S stainless steel, 309S stainless steel plate, 309S stainless steel coil, 309S stainless round steel, 309S 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. 309S stainless steel Chemical composition in percent by weight [%]

C \leq 0.08, Si \leq 1.00, Mn \leq 2.00, Cr:22.0-24.0, Ni:12.0-15.0, P \leq 0.045, S \leq 0.03

9. 309S stainless steel Mechanical properties

Density (\times 1000 kg/m³) 7.7-8.03

Poisson's Ratio 0.27-0.30

Elastic Modulus (GPa) 190-210

Tensile Strength (Mpa) 515

Yield Strength (Mpa) 205

Elongation (%) 40

Reduction in Area (%) 50

Hardness (HRB) 95 (max)

10. 309S stainless steel Application: 309S stainless steel is mainly used for elevated temperature applications. Furnace parts - conveyor belts, rollers, burner parts, refractory supports, retorts and oven linings, fans, tube hangers, baskets and trays to hold small parts; Containers for hot concentrated acids, ammonia and sulfur dioxide; contact with hot acetic and citric acid.

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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