



ASTM A283 Gr.C, A283 Gr.B, [A283 Gr.A](#) Steel

Our Company, Shanghai Katalor, is specialized in manufacturing A283 Gr.C steel, A283 Gr. steel machining parts, [A283 Gr.B](#) steel plates and A283 Gr.A steel plates. We can provide many kinds of steel products and stock of A283 Gr.C steel work/ steel structure/steel machining parts. ASTM A283 Gr.C steel belongs to carbon structural steel of America standard.

This standard [ASTM A283/283M](#) covers four grades of carbon steel plates of structural quality for general application. Steel samples shall be melt processed by either open-hearth, basic-oxygen, or electric furnace. Heat and product analysis shall be performed wherein steel materials shall conform to required chemical compositions of carbon, manganese, phosphorus, sulfur, silicon, and copper. Steel specimens shall also undergo tensile tests and shall conform to required values of tensile strength, yield point, and elongation.

[A283 Gr.C steel chemical component as follows:](#)

C: ≤ 0.24 , Mn ≤ 0.90 , P ≤ 0.035 , S ≤ 0.040 , Si ≤ 0.40 (Thickness ≤ 40 mm),
Si: 0.15-0.40 (Thickness > 40 mm), Cu ≥ 0.20 .

[A283 Gr.C mechanical property:](#)

Yield strength: ≥ 205 MPa.

Tensile Strength: 380-515MPa.

For plate produced from coil and furnished without heat treatment or with stress relieving only, the additional requirements, including additional testing requirements and the reporting of additional test results, of Specification A6/A6M apply.

We can do the machine processing of A283 Gr.C steel as follows:

Cutting, turning, milling, grinding, welding and drilling and so on. Such as the cutting is including flame cutting and plasma cutting.

Advantage of flame cutting: low cost, fast speed, wide range and so on.

If you need ASTM A283 Gr.C steel plates with top quality and low price, please contact us. We can manufacture your required products with reasonable price.

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Shanghai Katalor Enterprises

ONCE BELIEVE, TRUST FOREVER!

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Shanghai Katalor Enterprises Co., Ltd located in shanghai of china, is specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe , America, Southeast Asia, Middle East, South America, Africa, and so on.

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