



GB/T 3077 20Cr alloy steel plate

There are many clients of GB/T 3077 20Cr steel plate to seek the Professional exporter of GB/T 3077 20Cr steel plate. Katalor is Professional exporter of GB/T 3077 20Cr steel plate. We have rich experience in supplying GB/T 3077 20Cr steel plate. Please take some time to know us if you are looking for the Professional exporter of GB/T 3077 20Cr steel plate.

GB/T 3077 20Cr steel plate Chemical composition: (Mass fraction) (%)

Carbon C:	0.18 ~ 0.24
Silicon Si:	0.17 ~ 0.37
Manganese Mn:	0.50-0.80
Cr:	0.70 ~ 1.00
Sulfur:	allow residual content \leq 0.035
Phosphorus P:	allowable residual content \leq 0.035
Nickel Ni:	Allowable residual content \leq 0.030
Copper Cu:	allow residual content \leq 0.30

Equivalent standard of GB/T 3077 20Cr steel plate reference:

China GB standard steel 20Cr
Japan JIS standard steel SCr22
Germany DIN standard steel 20Cr4
British BS standard steel 590M17
France NF standard steel 18C3
US AISI / SASTM standard steel 5120
ISO standard steel No. 20Cr4

GB/T 3077 20Cr steel plate Heat treatment:

The first quenching heating temperature (°C): 880; coolant: water, oil

The second quenching heating temperature (°C): 780 ~ 820; Coolant: water, oil

Tempering heating temperature (°C): 200; coolant: water, empty

Tensile strength (σ_b / MPa): \geq 835

Yield point (σ_s / MPa): \geq 540

Elongation at break (δ_5 / %): \geq 10

Section shrinkage (ψ / %): \geq 40

Impact energy (Aku2 / J): \geq 47

Brinell hardness (HBS100 / 3000) (annealing or tempering temperature): \leq 179

Rolling Size of GB/T 3077 20Cr steel plate katalor supplied, the bellow rolling size is we can supply with rich experience of GB/T 3077 20Cr steel plate.

Thickness: 3-250mm

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



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Email: info@katalor.com
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Width: 1220-4200mm

Length: 5000-18000mm

Notes: coil thickness \leq 25m

GB/T 3077 20Cr steel plate Delivery Status:

To heat treatment (normalizing, annealing or tempering) or non-heat treatment delivery, delivery status should be specified in the contract. Welcome your enquiry if you are looking for the supplier of GB/T 3077 20Cr steel plate. GB/T 3077 20Cr steel plate can be supplied with high quality and good price by shanghai katalor industry.

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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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