



GB/T 3077 35CrMnSiA alloy steel plate on sale

GB/T 3077 35CrMnSiA alloy steel plate is a low-alloy ultra-high-strength steel, GB/T 3077 35CrMnSiA alloy steel plate has a good overall mechanical properties after heat treatment, high strength, sufficient toughness, hardenability, weldability (preheating before welding), processing formability are good, but the corrosion resistance and Low oxidation resistance, GB/T 3077 35CrMnSiA alloy steel plate generally used after low temperature tempering or isothermal quenching.

The application of GB/T 3077 35CrMnSiA alloy steel plate:

GB/T 3077 35CrMnSiA alloy steel plate is used to manufacture medium-speed, heavy-duty, high-strength, high-toughness parts and high-strength components. It is mainly used for manufacturing high-load, high-speed various important parts, such as gears, shafts, clutches, sprockets, grinding wheel shafts, bushings, bolts, nuts, etc. GB/T 3077 35CrMnSiA alloy steel plate is also used to make parts that are wear-resistant, have low working temperatures, and change loads. Welded components, such as blades, valve plates, and non-corrosive pipe tubes of high-pressure blowers

GB/T 3077 35CrMnSiA alloy steel plate Chemical Composition:

35CrMnSiA Chemical Composition					
Grade	The Element Max (%)				
	C	Si	Mn	P	S
35CrMnSiA	0.32~0.39	1.10~1.40	0.80~1.10	0.025	0.025

GB/T 3077 35CrMnSiA alloy steel plate Mechanical Property:

Grade	35CrMnSiA Mechanical Property			
	Thickness	Yield	Tensile	HB
35CrMnSiA	mm	Min Mpa	Mpa	HB
	6-50			
	50-200			

GB/T 3077 35CrMnSiA alloy steel plate Heat Treatment Specification Edition:

(1) Quenching: 950°C for the first time, 890°C for the second time, oil cooling; 230°C for tempering, air cooling and oil cooling; (2) 880°C for austempering at 280-310°C.

GB/T 3077 35CrMnSiA alloy steel plate Delivery status edit:

For heat treatment (normalizing, annealing or high temperature tempering) or for delivery without heat treatment, the delivery status shall be stated in the contract. Welcome to contact us if you are looking for the suppliers of GB/T 3077 35CrMnSiA alloy steel plate. we will try our best to reply you at the first time

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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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