



ASTM A537 CLASS 1 steel work/steel structure/steel machining parts

ASTM A537 CL1 is a kind of carbon-manganese-silicon heat treated steel plate, intended for welded pressure vessels and structures. We have ASTM A537 CL1 steel plate in stock, and can produce different kind of ASTM A537 CLASS 1 steel work/steel structure/steel machining parts for customer.

The chemical composition of ASTM A537 CLASS 1 steel plate

Grade	C max	Mn ≤		P max	S max	Si	Cu max	Ni max	Cr max	Mo max
		1.5in.	>1.5in.							
A537 CL 1	0.24	0.70- 1.35	1.00- 1.60	0.035	0.035	0.15- 0.50	0.35	0.25	0.25	0.08

The mechanical property of ASTM A537 CLASS 1 steel plate

Grade	Heat treatment	Tensile strength				Yield strength min				Elongation min	
		≤2.5in.		>2.5in.-4in.		≤2.5in.(≤65 mm)		>2.5in.- 4in.		2in.	8in.
		ksi	Mpa	ksi	Mpa	ksi	Mpa	ksi	Mpa		



A537 CLAS S 1	Normalizin g	70- 90	485- 620	65- 85	450- 585	50	345	45	310	22	18
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Delivery specification: ASTM A20/A20M

Heat treatment: Normalizing

We have all kind of processing equipment to finish the welding, drilling, cutting work, include automatic arc-submerging welder, Dc manual arc welding machine, radial drill, flame cutting machine, 5000 tons pressing machine, and so on.

Our inspection equipment: x-ray crack detection room, x ray generator, type 435 industrial washing machine.

Heat treatment: annealing, quenching, tempering, hardening and tempering.

We are one of the largest stockist and trader in China, we can do processing work for the steel product, if you have demands for steel plate's bending, drilling, shot blasting, shop primer, please contact us.



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

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