



ASTM A387 GRADE 22/22L steel work/steel structure/steel machining parts

ASTM A387 GRADE 22/22L is a kind of Chromium-Molybdenum alloy steel plate, intended for welded boiler and pressure vessels which designed for elevated temperature service. Katalor enterprises can offer ASTM A387 GRADE 22/22L steel work/steel structure/steel machining parts exactly as customer's design.

ASTM A387 GRADE 22 steel plate has two class according its tensile strength level, ASTM A387 Grade 22/22L Class 1 and ASTM A387 Grade 22 Class 2. ASTM A387 GRADE 22L only have class 1.

The chemical composition of ASTM A387 Grade 22/22L steelwork, steel structure, steel machining parts

GRADE	C	Mn	P max	S max	Si	Cr	Mo
A387 GRADE 22	0.05- 0.15A	0.30-0.60	0.035	0.035	≤0.50	2.00- 2.50	0.90- 1.10
A387 GRADE 22L	≤0.10	0.30-0.60	0.035	0.035	≤0.50	2.00- 2.50	0.90- 1.10

The mechanical property of ASTM A387 Grade 22/22L Class 1

Grade	Tensile strength	Yield strength min	Elongation % min

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	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.
Grade 22/22L Class 1	60-85	415-585	30	205	...	18

The mechanical property of ASTM A387 Grade 22 Class 2

Grade	Tensile strength		Yield strength min		Elongation % min	
	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.
Grade 22 Class 2	75- 100	515-690	45	310	...	18

General requirement: ASTM A20/A20M.

Heat treatment: Annealing, normalizing and tempering, accelerated cooled and tempered.

Our processing equipment include automatic arc-submerging welder, Dc manual arc welding machine, radial drill, flame cutting machine, 5000 tons pressing machine, 1000 tons of four-column hydraulic machine, 5 m x 10 m large heat treatment furnace, 3 m x 4 m big shot blasting machine, H-beam assembling machine, H-beam welding production line, Box column (beam) welding production line.

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We have x-ray crack detection room, x ray generator, type 435 industrial washing machine, which can help us make sure the quality of ASTM A387 GRADE 22/22L steel work/steel structure/steel machining parts

Processing items: welding, drilling, edge milling, cutting, bending, heat treatment, shot blasting.

Katalor enterprises always offer customer best quality steel work with cheaper price, if you are working on these kind of product, please send us your drawing, we will produce it for you.

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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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