



ASTM A387 GRADE 12 steel work/steel structure/steel machining parts

Katalor Enterprises has more than 300 tons ASTM A387 GRADE 12 steel plate in stock, the main purpose is to produce different kind of steel work/steel structure/steel machining parts.

ASTM A387 GRADE 12 steel plate has two class according its tensile strength level, ASTM A387 Grade 12 Class 1 and ASTM A387 Grade 12 Class 2.

The chemical composition of ASTM A387 Grade 12 Class 1 and ASTM A387 Grade 12 Class 2

GRADE	C	Mn	P max	S max	Si	Cr	Mo
A387 GRADE 12	0.05- 0.17	0.40- 0.65	0.03 5	0.03 5	0.15- 0.40	0.80- 1.15	0.45- 0.60

The mechanical property of ASTM A387 Grade 12 Class 1

Grade	Tensile strength		Yield strength min		Elongation % min	
	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.
Grade 12 Class 1	55-80	380-550	33	230	18	22

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The mechanical property of ASTM A387 Grade 12 Class 2

Grade	Tensile strength		Yield strength min		Elongation % min	
	ksi	Mpa	ksi	Mpa	In 8 in.	In 2 in.
Grade 12 Class 2	65-85	450-585	40	275	19	22

General requirement: ASTM A20/A20M.

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

ASTM A387 GRADE 12 steel work/steel structure/steel machining parts can be used at gas & oil industry, such as the oil tank, reaction still, in other industry, such as chemical industry, it also can be used to act as a reaction tank.

Katalor enterprises can offer all kind of steel processing work, weld, cut, drill, we can produce steel work exactly as customer's drawing, we can total promise the precision of the product. If you have demands, welcome to send us inquiry.



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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