

ASTMA302/A302M

ASTM A302/A302M Standard Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese- Molybdenum-nickel



ASTM A302/A302M. According to their strength levels, the plates are available in four grades: Grades A, B, C, and D. The maximum thickness of plates is limited only by the capacity of the chemical composition to meet the specified mechanical property requirements. The steel shall be killed and shall conform to fine grain size requirements. The plates shall be subjected to tension test to determine the tensile strength, yield strength, and elongation. ASTM A302/A302M standard main steel

grade: ASTM A302/A302M ASTM A302 Grade A, B, C, D (A302GRA, B, C, D).

Specification of ASTM A302/A302M

Standard: ASTM A302/A302M
Grade : A302 GR A, B, C, D
Thickness : 8mm -260mm
Width : 1000mm-4000mm
Length : 1000mm-20000mm
MOQ: 1 PC
Product type : Steel plate
Delivery time : Promptly (Stock) or 10-40 days (Production)
Stock : Available
MTC: Available
Delivery condition: As the Customers' requirements

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Composition	Type	Thickness	A
		(mm)	
C ≤	Heat analyse	≤25	0.2
	Product analyse	50~100	0.23
		> 100	0.25
Mn ≤	Heat analyse	-	0.95~0.13
	Product analyse	-	0.87~1.41
P ≤	Heat analyse	-	0.035
S ≤	Product analyse	-	0.04
Si	Heat analyse	-	0.15~0.40
	Product analyse	-	0.13~0.45
Mo	Heat analyse	-	0.45~0.60
	Product analyse	-	0.41~0.64
Ni	Heat analyse	-	-
	Product analyse	-	-

Grade	ASME SA302 Grade A Mechanical Property			
	Thickness	Yield	Tensile	Elongation
SA302 Grade A	mm	Min Mpa	Mpa	Min %
	6-50	310	515-655	19%
	50-200	310	515-655	15%

ASME SA302

ASME SA302 Grade A steel plate

ASME SA302 Grade B steel sheet

ASME SA302 Grade C steel plate for pressure vessels

ASME SA302 Grade D alloy steel plate

ASTM A302 Grade A steel equivalent material

ASTM A302 Grade B steel plate chemical composition

ASTM A302 Grade C steel plate physical properties

ASTM A302 Grade D plate mechanical feature

We are a professional ASME SA302 and ASTM A302 steel stockist and supplier. We can supply different product type and steel grades like SA302 Grade A, SA302 Grade B, SA302 Grade C, SA302 Grade D, A302 Grade A, A302 Grade B, A302 Grade C, A302

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Grade D. If you have any need of ASME SA302 and ASTM A302 steel please do not hesitate to contact us .

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