



ASTM A514 grade B steel plate

Katalor can supply ASTM A514 grade B steel plate with good quality. ASTM A514 grade B is a type of ASTM A514 steel. Cited properties are appropriate for the quenched and tempered condition.

ASTM A514 grade B steel plate chemical composition %

Main chemical composition in ASTM A514 grade B steel, please refer to the down table

Grade	C	Mn	P	S	Si	Ni	Cr	Mo	V	Ti	Cu	Co	B	Zr
A514 Gr.B	0.12-0.21	0.7-1.00	0.035	0.008	0.20-0.35	-	0.4-0.65	0.15-0.25	0.03-0.08	0.01-0.04			0.005	-

ASTM A514 grade B steel plate mechanical property

Grade	Thickness (mm)	Tensile strength .ksi [MPa]	Yield strength Min ksi [MPa]	Elongation in under 50mm, min by %	Hardness HBW
A514 Gr.B	-	110-130 ksi	100 ksi, min	16 in 2 inch	235-293

ASTM A514 steel plate equivalent grade

A514 steel plate/sheet is in ASTM standard, the material number is 1.8974. The equivalent grades of A514 steel are EN 10149-2 S700MC, SEW 092 QStE 690 TM, NFA 36-231 E 690 D.

A514 ASTM Material #: 1.8974	Comparison of steel grades	
	EN 10149-2	S700MC
	SEW 092	QStE 690 TM
	NFA 36-231	E 690 D

ASTM A514 grade B steel plate Rolling Size

Thickness	3-150mm
Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness ≤ 25mm

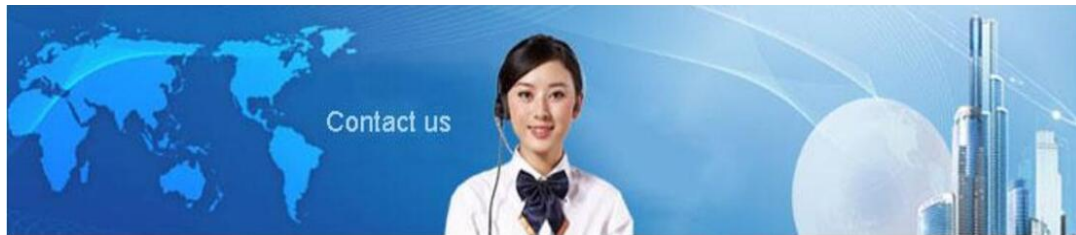
As a ASTM A514 grade B steel plate manufacturer, we usually keep hundreds tons ASTM A514 grade B steel plate in stock each month. Based on these stock source, our advantage has spread into steel process like : cutting (any size and any shape) drilling, welding, milling, welding. We can also provide the ASTM A514 grade B steel plate in machining parts and steel structure.

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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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