



ASME SA514 Grade B carbon and low alloy steel plate on sale

large quantity ASME SA514 Grade B quenched and tempered steel plate be delivered to oversea from us every year. And our clients of ASME SA514 Grade B quenched and tempered steel plate give us a high value for ASME SA514 Grade B quenched and tempered steel plate.

The application of ASME SA514 Grade B carbon and low alloy steel plate:

ASME SA514 Grade B carbon and low alloy steel plate is used in Construction of Bridges, Highway Construction and Other Engineering construction.

Chemical Composition of ASME SA514 Grade B carbon and low alloy steel plates:

A514 STEEL CHEMICAL COMPOSITION TABLE	GRADE B	GRADE S	GRADE E
% Iron (Fe)	97	98	98
% Carbon (C)	0.12-0.21	0.11-0.21	0.12-0.21
% Manganese (Mn)	.70-1.0	1.1-1.5	.12-.20
% Boron (B)	0.0025	0.003	0.003
% Silicon (Si)	0.20-.35	.15-.45	.20-.40
% Copper (Cu)	-	-	-
% Sulfur (S)	.035	.02	.035

Mechanical & Physical Properties of ASME SA514 Grade B carbon and low alloy steel plates:

A514 STEEL PHYSICAL PROPERTIES TABLE	GRADE B	GRADE S	GRADE E
Steel Type	Alloy	Alloy	Alloy
ASTM Designation	A514 (B)	A514 (S)	A514 (E)
Common PGI Inventory	up to 1.25"	up to 2.5"	up to 6.00" inquire for thicker plate
Minimum Yield Stress (ksi)	100	100	90
Average Tensile Strength (ksi)	110-130	110-130	110-130
Elongation at Breakage	18%	18%	18%
Approximate Hardness (Rc)	26	26	26
Approximate Hardness (Rb)	98	98	98
Brinell Hardness	235-293	235-293	235-293
Machinability	0.72	0.72	0.72

The rolling size of ASME SA514 Grade B quenched and tempered steel plate:

Thickness	1.2-600mm
Width	1220-4200mm
Length	5000-18000mm

Notes: coil thickness ≤ 25mm

**Office Address:** Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



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We want to set good relationship with you whether you are form and big or small buyer of ASME SA514 Grade B quenched and tempered steel plate, we will try our best to supply product that suitable for your price range and quality control of ASME SA514 Grade B quenched and tempered steel plate.

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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.

### **Contact US:**

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