

# TJC STEEL.

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## S500QL1 Steel Plate

Alternative Names for S500QL1 Steel Plate: EN10025-6 S500QL1 Steel Plate, S500QL1 Quenched and Tempered Steel Plate, S500QL1 Structural Steel Plate.

EN10025-6 S500QL1 Steel Plate is defined in standard of EN10025-6 (latest version), all grades in this standard are with quenched and tempered condition and with high yield strength.

Application: EN10025-6 S500QL1 Steel Plate is widely used as raw materials for the industries of welded, bolted and riveted structures, especially for the construction works that requesting high strength steels.

Mill Run Size: Thickness: 4mm- 400mm; Width: 1000mm- 4000mm; Length: 4000mm- 12000mm.

Technical Info: EN10025-6 S500QL1 Steel Plate is produced with hot rolled, as per customers' request, additional tests or heat treatments such as Impact Test/ Charpy Impact, HIC (NACE MR-0175, NACE MR-0103), SSCC, PWHT, N- Normalized, T- Tempered, Q- Quenched, etc can be proceeded.

(Mandatory Heat Treatment for S500QL1 Steel Plate: Quenched and Tempered (Q+T))

Chemical Composition Data:

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Material/ Grade	Major Elements	Element Composition( Max-A, Min-l)
S500QL1/ EN10025-6 S500 QL1	C	A:0.20
	Mn	A:1.70
	Si	A:0.80
	P	A:0.020
	S	A:0.010

Mechanical Property Data:

Material/ Grade	Types or Property	MPa( Max-A, Min-l)
S500QL1/ EN10025-6 S500Q L1	Tensile Strength	590-770
	Yield Strength	l:500
	Elongation(%)	17%
	Impact Test Tem(°C)	l:-40°C

(Q with specified minimum values of impact energy at temperatures not lower than -20°C; L with specified minimum values of impact energy at temperatures not lower than -40°C.)

-(Want More Technical Information about EN10025-6 S500QL1 Steel Plate, please send email to [info@tjcsteel.com](mailto:info@tjcsteel.com).)

Supplier: TJC STEEL.

Certificate: With additional requests from purchaser, TJC STEEL can arrange third party inspection to EN10025-6 S500QL1 Steel Plate by SGS, TUV, ABS, VL, LR, KR, RINA, NK, BV, etc; Mill certificate will be comply with EN10204 3.1/ EN10204 3.2.

TJC IRON& STEEL(GROUP) CO., LIMITED/ TJC STEEL is main supplier,distributor and manufacturer of EN10025-6 S500QL1, EN10025-6 S500QL1 Steel Plate in China. With acting as one of the first class steel suppliers, TJC IRON& STEEL(GROUP) CO., LIMITED/ TJC STEEL can handle to deliver kinds of S500QL1 Steel Plate from stock or mill run schedule efficiently. Need our helps, pls contact via [info@tjcsteel.com](mailto:info@tjcsteel.com).

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