

### High Yield steel plate JIS 3101 SS 540 steel plate

SS 540 steel plate, JIS 3101 SS 540 steel plate, under JIS 3101 standard, we can regard SS 540 steel plate as High Yield steel plate.

SS 540 steel plate is one mainly of High Yield steel, JIS 3101 SS 540 is high strength low alloy steel plate sheet which is widely used in plants building, general mansions and all kinds of construction machinery, such as mines and various types of drilling rig used in construction, power shovel, electric wheel dump trucks, mining vehicles, excavators, loaders, bulldozers , various types of cranes, hydraulic support, coal mining machinery and equipments and other structures.

#### Chemical Composition of JIS 3101 SS 540

Symbol	Chemical composition				
	C max	Si max	Mn max	P max	S max
Grade60	0.26	0.40	1.35	0.04	0.05
Grade65	0.26	0.40	1.35	0.04	0.05

#### Mechanical Composition

Symbol	Yield point min MPa	Tensile strength MPa	Elongation in 2 in.(50mm)%
Grade A	165	310-450	30 min
Grade B	185	345-450	28 min
Grade C	205	380-515	25 min
Grade D	230	415-550	23 min

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