

**JIS 3101 SS 540 steel plate/sheet** for High Yield Steel

Key words: [SS 540 steel plate/sheet](#), JIS 3101 SS 540 steel plate/sheet, SS 540 steel plate/sheet supplier, SS 540 steel plate/sheet mechanical property, SS 540 steel plate/sheet price.

**JIS 3101 SS 540 steel** equivalent grade:

SS 540 steel plate/sheet is in JIS 3101 standard, the equivalent grade are DIN 17102 STE 380, NFA 36201 E 375R, MNC 810E SS21,42,01, CSA G40-21 400 W, WT, ASTM A 572gr. 60,65.

		Comparision of steel grades	
		DIN 17102	STE 380
SS 540	JIS 3101	NFA 36201	E 375R
		MNC 810E	SS21,42,01
		CSA G40-21	400 W, WT
		ASTM	A 572gr. 60,65

**JIS 3101 SS 540 steel chemical composition** %:

Main chemical composition in JIS 3101 SS 540 steel is carbon max 0.26, silicon max 0.40, manganese max 1.35, phosphorus max 0.04, Sulphur max 0.05. More detailed information about SS 540 steel, please refer to the down table:

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

**JIS 3101 SS 540 steel mechanical property:**

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.

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

ICE steel is the professional Chinese steel exporter, especially in fin-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of JIS 3101 SS 540 steel are available, so if need, welcome to contact ICE steel sales team.

**Ice steel — The most professional exporter on weathering resistant steel**

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