



JIS G3101 SS490 Channel steel

JIS G3101 SS490 Channel steel is a material grade and designation defined in JIS G 3101 standard. JIS G 3101 is a Japanese material standard for hot Rolled steel plates, sheets, strips for general structural usage. The Channel steel quality hot rolled SS490 is more reliable in its tensile strength than SS400 steel.

JIS G3101 SS490 Angle Steel Chemical Composition:

Grade	C %	Mn %	P %	S %
SS490	0.30max	1.60max	≤0.040	≤0.040

JIS G3101 SS490 Angle Steel Mechanical Property :

Grade	Thickness mm	Yield Strength (M pa) min	Tensile Strength (M pa)	Elongation (%) min
SS490	t≤16	285	490-610	T>5,≤16mm 15%
	16<t≤40	275		
	40<t≤100	255		
	t>100	245		

JIS G3101 SS490 Channel steel is in JIS G3101 standard, the material number is 1.0045. The equivalent grade of SS 490 steel are EN 10025 S355JR, NFA 35-501 E 36-2, UNI 7070 Fe 510 B, BS 4360 50 B, UNE 36.080 AE 355 B, ASTM A 572 Gr. 50 - A 678 Gr. A.

JIS G3101 SS490 Channel steel specifications:75x40--200x90(mm)

As a JIS G3101 SS490 Channel steel manufacturer, we usually keep hundreds tons JIS G3101 SS490 Channel steel 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 and milling. We can also provide the JIS G3101 SS490 Channel steel in machining parts and steel structure.