



ISO 9001:2008

Cert.No.11727

Cert.No.47014

STANDARD JIS G 3350 : 1987 LIGHT GAUGE STEEL FOR GENERAL STRUCTURE (Lip Channel Steel)

Dimensions (mm.)	Thickness	Sectional	Unit mass		Dimensions (mm.)	Thickness	Sectional	Unit mass
H x A x C	mm.	cm. ²	kg./m.		H x A x C	mm.	cm. ²	kg./m.
60 x 30 x 10	1.6	2.072	1.63		125 x 50 x 20	2.3	5.747	4.51
	2.0	2.537	1.99			3.2	7.807	6.13
	2.3	2.872	2.25			4.0	9.548	7.50
70 x 40 x 25	1.6	3.032	2.38		150 x 50 x 20	4.5	10.590	8.32
75 x 35 x 15	2.3	3.677	2.89			2.3	6.322	4.96
	1.6	2.952	2.32			3.2	8.607	6.76
	2.0	3.637	2.86	4.5	11.720	9.20		
75 x 45 x 15	2.3	4.137	3.25		150 x 65 x 20	2.3	7.012	5.50
	1.6	3.352	2.63			3.2	9.567	7.51
	2.3	4.712	3.70			4.0	11.750	9.22
90 x 45 x 20	3.2	6.367	5.00		150 x 75 x 20	3.2	10.210	8.01
	1.6	3.672	2.88			4.0	12.550	9.85
	2.0	4.537	3.56			4.5	13.970	11.00
	2.3	5.172	4.06		150 x 75 x 25	3.2	10.530	8.27
	2.8	6.205	4.87			4.0	12.950	10.20
	3.2	7.007	5.50			4.5	14.420	11.30
	4.0	8.548	6.71			200 x 75 x 20	3.2	11.810
4.5	9.469	7.43	4.0	14.550	11.40			
3.2	7.007	5.50	4.5	16.220	12.70			
120 x 40 x 20	2.3	6.092	4.78		200 x 75 x 25	3.2	12.130	9.52
120 x 60 x 20	3.2	8.287	6.51			4.0	14.950	11.70
	4.5	11.720	9.20			4.5	16.670	13.10

Symbol of Class	Chemical Composition				Mechanical properties		
	C Max. %	Mn Max. %	P Max. %	S Max. %	Tensile Strength T.S. N/mm. ² (min)	Yield Strength Y.S. N/mm. ² (min)	Elongation (min) %
SSC400	0.25	-	0.050	0.050	400-540	245	21

DIMENSIONS TOLERANCES :

Shape and Tolerances on Dimensions

Thickness	:	1.6 mm. : ± 0.22 mm., 2.0 mm. & 2.3 mm. : ± 0.25 mm.	
	:	2.8 mm. : ± 0.28 mm., 3.2 mm. : ± 0.30 mm.	
	:	4.0 mm. & 4.5 mm. : ± 0.45 mm., 6.0 mm. : ± 0.60 mm.	
Length	:	7 m. or under : + 40 mm. - 0 mm.	
Height H	:	under 150 mm. : ± 1.5 mm.	
	:	150 mm. or over to 300 mm. : ± 2.0 mm.	
Side A	:	± 1.5 mm.	
Lip C	:	± 2.0 mm.	
Angle between adjacent plate parts	:	± 1.5	