



## Thickness Tolerances as per JIS G 3141: 2011 & G 3135: 2006

Thickness		Special Tolerance for normal width				Normal Tolerance for normal width					
From	To	W < 630	160 ≤ W < 250	250 ≤ W < 400	400 ≤ W < 630	W < 630	630 ≤ W < 1000	1000 ≤ W < 1250	1250 ≤ W < 1600	1600 ≤ W	
CR Carbon Steel Sheet	< 0.10	± 0.010	± 0.020	...	...	...	...	...	...	...	
	= 0.10	< 0.16	± 0.015	± 0.020	...	...	...	...	...	...	
	= 0.16	< 0.25	± 0.020	± 0.025	± 0.030	± 0.030	± 0.030	± 0.030	± 0.030	...	
	= 0.25	< 0.40	± 0.025	± 0.030	± 0.035	± 0.035	± 0.040	± 0.040	± 0.040	...	
	= 0.40	< 0.60	± 0.035	± 0.040	± 0.040	± 0.040	± 0.050	± 0.050	± 0.050	± 0.060	
	= 0.60	< 0.80	± 0.040	± 0.045	± 0.045	± 0.045	± 0.060	± 0.060	± 0.060	± 0.060	± 0.070
	= 0.80	< 1.00	± 0.040	± 0.050	± 0.050	± 0.050	± 0.060	± 0.060	± 0.070	± 0.080	± 0.090
	= 1.00	< 1.25	± 0.050	± 0.050	± 0.050	± 0.060	± 0.070	± 0.070	± 0.080	± 0.090	± 0.110
	= 1.25	< 1.60	± 0.050	± 0.060	± 0.060	± 0.060	± 0.080	± 0.090	± 0.100	± 0.110	± 0.130
	= 1.60	< 2.00	± 0.060	± 0.070	± 0.080	± 0.080	± 0.100	± 0.110	± 0.120	± 0.130	± 0.150
	= 2.00	< 2.50	± 0.070	± 0.080	± 0.080	± 0.090	± 0.120	± 0.130	± 0.140	± 0.150	± 0.170
	= 2.50	< 3.15	± 0.080	± 0.090	± 0.090	± 0.100	± 0.140	± 0.150	± 0.160	± 0.170	± 0.200
= 3.15		± 0.090	± 0.100	± 0.100	± 0.110	± 0.160	± 0.170	± 0.190	± 0.200	...	
<b>High Strength Steel Sheet</b>											
340 Mpa < = UTS < 780 MPa	= 0.60	< 0.80	...	...	...	...	± 0.060	± 0.060	± 0.060	± 0.070	± 0.080
	= 0.80	< 1.00	...	...	...	...	± 0.070	± 0.070	± 0.080	± 0.090	± 0.100
	= 1.00	< 1.25	...	...	...	...	± 0.080	± 0.080	± 0.090	± 0.100	± 0.120
	= 1.25	< 1.60	...	...	...	...	± 0.090	± 0.100	± 0.110	± 0.120	± 0.140
	= 1.60	< 2.00	...	...	...	...	± 0.100	± 0.110	± 0.120	± 0.140	± 0.160
	= 2.00	= 2.30	...	...	...	...	± 0.120	± 0.130	± 0.140	± 0.160	± 0.180
780 Mpa ≤ UTS	= 0.80	< 1.00	...	...	...	...	± 0.090			± 0.100	...
	= 1.00	< 1.25	...	...	...	...	± 0.100			± 0.120	...
	= 1.25	< 1.60	...	...	...	...	± 0.120			± 0.150	...
	= 1.60	= 2.00	...	...	...	...	± 0.140			± 0.160	...