Technical Specification References

Classification	Specification	Designation of Grade	Mechanical Properties					Chemical Composition %					Bend Test (N2)	
			Tensile Strength	Yield Strength	Elongation			C	Si	Mn	P	S	Bending Angle	Bending Radius
			N/mm²	N/mm²	Test Piece	Thickness	%	Max	Max	Max	Max	Max		
Hot Rolled Steel Plates and Sheets & Chequered Plates	JIS G 3131	SPHC	270 min	-	No 5	1.2mm & over, up to 1.6mm	27 min	0.15	-	0.60	0.050	0.050	180°	Flat on itself
						1.6mm & over, up to 3.2mm	29 min							
						3.2mm & over	31 min							
	JIS G 3101	SS 330	330 to 430	205 min	No 5	5mm & under	26 min	-	-	-	0.050	0.050	180°	0.5t
					No 1A	Over 5mm to 16mm	21 min							
		SS 400	400 to 510	245 min	No 5	5mm & under	21 min	-	-	-	0.050	0.050	180°	1.5t
					No 1A	Over 5mm to 16mm	17 min							
	BSEN 10025	S275JR	410-560 (N3)	275 min	-	3.0mm & over, up to 4.0mm	22 min	0.24	-	1.60	0.055	0.055	As specified in BS EN 10025	
	ASTM A 36	22-min	400 - 550	250 min	-	Gauge Length Lo=50mm	23 min	0.25	0.40	-	0.040	0.050	-	-
Galvanised Steel Sheets	JIS G 3302	SGCC	270 min	205 min	-	Up to 1.6mm	-	-	-	-	-	-	180°	t (N1)
						1.6mm & over, up to 3.0mm								t (N1)
						3.0mm & over								2t (N1)
		SGHC	270 min	〃 205 min	-	Up to 1.6mm	-	-	-	-	-	-	180°	t (N1)
						1.6mm & over, up to 3.0mm								t (N1)
						3.0mm & over								2t (N1)
Cold Rolled Steel Sheets	JIS G 3141	SPCC	270 min	-	No 5	0.6mm & over, up to 1.0mm	36 min	0.12	-	0.50	0.040	0.045	180°	Flat on itself
						1.0mm & over, up to 1.6mm	37 min							
						1.6mm & over, up to 2.5mm	38 min							
						2.5mm & over	39 min							

NOTES : (N1) - up to grade z27 maximum
(N2) - Bend Test test piece No.3
(N3) - 3mm ≤ nominal thickness ≤100mm
t - Thickness -

List Of Standard Specifications

Specifications	Yield strength N/mm²			Tensile strength N/mm²	Elongation min. %	Charpy V-notch Temp. (°C) Energy (J)				
	t<16mm	16<t<40	t>40mm		$L_0=5.65\sqrt{S_0}$	20	0	-20	-40	-50
GENERAL STRUCTURES										
ASTM A36					***50mm-200mm***					
	min. 250			400-550	23-20	-	-	-	-	-
ASTM A283					***50MM-200MM***	-	-	-	-	-
Grade A	min. 165			310-416	30.27	-	-	-	-	-
Grade B	min. 185			345-450	28-25	-	-	-	-	-
Grade C	min. 205			380-515	25-22	-	-	-	-	-
Grade D	min. 230			415-550	23-20	-	-	-	-	-
ASTM A572					***50mm-200mm***					
Grade 42	min. 290			415	24-20	-	-	-	-	-
Grade 50	min. 345			450	21-18	-	-	-	-	-
Grade 60	min. 415			520	18-16	-	-	-	-	-
Grade 65	min. 450			550	17-15	-	-	-	-	-
EN 10113										
S275N	min. 275			370-510		-	-	40	-	27
S355N	min. 355			470-630		-	-	40	-	27
S420N	min. 420			520-680		-	-	40	-	27
S460N	min. 460			550-720		-	-	40	-	27
S275M	min. 275			360-510		-	-	40	-	27
S355M	min. 355			450-610		-	-	40	-	27
S420M	min. 420			500-660		-	-	40	-	27
S460M	min. 460			530-720		-	-	40	-	27
EN 10149-2										
S315MC	min. 315			390-510	24	-	-	40	-	-
S355MC	min. 355			430-550	23	-	-	40	-	-
S420MC	min. 420			480-620	19	-	-	40	-	-
S460MC	min. 460			520-670	17	-	-	40	-	-
S500MC	min. 500			550-700	14	-	-	40	-	-
S550MC	min. 550			600-760	14	-	-	40	-	-
S600MC	min. 600			650-820	13	-	-	40	-	-
S650MC	650 (t ≤ 8mm)		620	700-880	12	-	-	40	-	-
S700MC	700 (t ≤ 8mm)		680	750-950	12	-	-	40	-	-
EN 10149-3										
S260NC	min. 260			370-490	30	-	-	40	-	-
S315NC	min. 315			430-550	27	-	-	40	-	-
S355NC	min. 355			470-610	25	-	-	40	-	-
S420NC	min. 420			530-670	23	-	-	40	-	-
JIS G 3101										
SS330	205	195	175	330-430	28-21	-	-	-	-	-
SS400	245	235	215	400-510	17-23	-	-	-	-	-
SS490	285	275	255	490-610	15-21	-	-	-	-	-
SS540	400	390	-	min. 540	13-17	-	-	-	-	-
JIS G 3106						**0°C**				
SM400A, B, C,	245	235	215	400-510	18-24	B/C 27/47		-	-	
SM490A, B, C,	325	315	295	490-610	17-23	B/C 27/47		-	-	

Specifications	Yield strength N/mm² t<16mm	Yield strength N/mm² 16<t<40	Yield strength N/mm² t>40mm	Tensile strength N/mm²	Elongation min. % $L_0=5.65\sqrt{S_0}$	Charpy V-notch Temp. (°C) Energy (J) 20	0	-20	-40	-50
Contd. GENERAL STRUCTURES										
Contd. JIS G 3106							0°C	-5°C		
SM490YA, YB	365	355	335	490-610	15-21	YB 27	-	-	-	
SM520B, C	365	355	335	520-640	15-21	B/C 27/47	-	-	-	
SM570	460	450	430	570-720	19-26	-	-	47	-	-
BRIDGES, FLOOD GATES, STORAGE TANKS, WATER TANKS, BUILDINGS, CRANE STRUCTURES										
EN 10137-2							**0**	**-20**	**-40**	
S450Q, QL, QL1	1) 460	1)* 440	1)** 400	1)*** 550-720	17		40/50/60	30/40/50	-/30/40	
S500Q, QL, QL1	1) 500	1)*480	)**440	1)*** 590-770	17		40/50/60	30/40/50	-/30/40	
S440Q, QL, QL1	1) 550	1)* 530	)** 490	1)*** 640-820	16		40/50/60	30/40/50	-/30/40	
S620Q, QL, QL1	1) 620	1)* 580	)** 560	1)*** 700-890	15		40/50/60	30/40/50	-/30/40	
S690Q, QL, QL1	1) 690	1)* 650	)** 630	1)*** 760-940	14		40/50/60	30/40/50	-/30/40	
S890Q, QL, QL1	1) 890	1)* 830	-	1)*** 880-1100	11		40/50/60	30/40/50	-/30/40	
S960Q, QL, QL1	1) 960	-	-	1)*** 980-1150	10		40/50/60	30/40/50	-/30/40	
EN 10137-3	**3mm<t<50mm**	**50mm<t<70mm**	**0**	**-20**	**-40**					
S500A, AL	2) 500	2)* 480	600-700	17	55/65		40/50		-/40	
S550A, AL	2) 550	2)* 530	650-820	16	55/65		40/50		-/40	
S620A, AL	2) 620	2)* 580	710-880	15	55/65		40/50		-/40	
S690A, AL	2) 690	2)* 650	760-930	14	55/65		40/50		-/40	
SPECIAL STEEL										
BS 7191										
275D	275	265	-	430-580	22	-	-	40	-	-
275E	275	265	265	430-580	22	-	-	-	40	-
275EZ	275	265	265	430-580	22	-	-	-	40	-
355D	355	345	-	490-640	20	-	-	50	-	-
355E	355	345	-	490-640	20	-	-	-	50	-
355EM	355	345	340	460-620	20	-	-	-	50	-
355EMZ	355	345	340	460-620	20	-	-	-	50	-
450EM	450	415	-	550-700	19	-	-	-	60	-
450EMZ	450	415	-	550-700	19	-	-	-	60	-
HULL STRUCTURES										
ABS[3)]						**For thickness t ≤ 50mm**				
Grade A, B, D, E	min. 235		400-550	22		-	27	27	27	-60
Gr. AH, DH, EH, FH 32	min. 315		440-590	22		-	34	34	34	34
Gr. AH, DH, EH, FH 36	min. 355		490-620	21		-	34	34	34	34
Gr. AH, DH, EH, FH 40	min. 390		510-650	20		-	41	41	41	41
LR[3)]										
Grade A, B, D, E	min. 235		400-520	22		27	27	27	27	-60
Gr. AH, DH, EH, FH 32	min. 315		440-590	22		-	31	31	31	31
Gr. AH, DH, EH, FH 36	min. 355		490-620	21		-	34	34	34	34
Gr. AH, DH, EH, FH 40	min. 390		510-650	20		-	41	41	41	41
PRESSURE VESSELS, GENERAL										
ASTM A285	**50mm-200mm**									
Grade A	min. 165		310-450	30-27		-	-	-	-	-
Grade B	min. 185		345-485	28-25		-	-	-	-	-
Grade C	min. 205		380-515	27-23		-	-	-	-	-

Specifications	Yield strength N/mm² t<16mm	16<t<40	t>40mm	Tensile strength N/mm²	Elongation min. %	Charpy V-notch Temp. (°C) Energy (J) 20	0	-20	-40	-50
Contd. PRESSURE VESSELS, GENERAL										
ASTM A516					50mm-200mm					
Grade 55		min. 205		380-515	27-23	-	-	-		-
Grade 60		min. 220		415-550	25-21	-	-	-	-	-
Grade 65		min. 240		450-585	23-19	-	-	-		-
Grade 70		min. 260		485-620	21-17	-	-	-		-
EN 10028-2										
P235GH	235	225	[4] 215	[4] 350-480	25	-	27	-	-	-
P265GH	265	255	[4] 245	[4] 410-530	23	-	27	-	-	-
P295GH	295	290	[4] 285	[4] 460-580	22	-	27	-	-	-
P355GH	355	345	[4] 335	[4] 510-650	21	-	27	-	-	-
16 Mo 3	275	270	[4] 260	[4] 440-590	24-23	31	-	-	-	-
13 CrMo 4-5	300	[4] 295		[4] 450-600	20	31	-	-	-	-
10 CrMo 9-10	310	300	[4] 290	[4] 480-630	18	31	-	-	-	-
11 CrMo 9-10		min. 310		520-670	18	31	-	-	-	-
EN 10028-3					**≤70mm 70-150**					
P275 N, NH						55	47	40	-	-
NL1	275	275	[5] 265	[5]* 390-510	24 23	63	55	47	34	27
NL2						100	90	65	40	30
P355 N, NH						55	47	40	-	-
NL1	355	355	[5] 345	[5]* 490-630	22 21	63	55	47	34	27
NL2						100	90	65	40	30
P460 N, NH						55	47	40	-	-
NL1	460	450	[5] 440	[5]* 570-720	17 16	63	55	47	34	27
NL2						100	90	65	40	30
EN 10028-4	***t<30mm***	***30mm<t<50mm***			***t<50mm***					
11 MnNi 5-3	[6] 285	[6]* 275		420-530	24	70	60	55	50	45
13 MnNi 6-3	[6] 355	[6]* 345		490-610	22	70	60	55	50	45
15 MnNi 6	[6] 355	[6]* 345		490-640	22	65	65	65	60	50
12 Ni 14	[6] 355	[6]* 345		490-640	22	65	60	55	55	50
12 Ni 19	[6] 390	[6]* 380		530-710	20	70	70	70	65	65
X8 Ni9 HT 640	[6] 490	[6]* 480		640-840	18	70	70	70	70	70
X8 Ni9 HT 680	[6] 585	[6]* 575		680-820	18	120	120	120	120	120
X7 Ni9	[6] 585	[6]* 575		680-820	18	120	120	120	120	120
EN 10028-5										
P355 M						60	40	27	-	-
ML1	355	355	[7] 345	450-610	22	-	60	40	27	-
ML2						-	80	60	40	27
P420 M						60	40	27	-	-
ML1	420	400	[7] 390	500-660	19	-	60	40	27	-
ML2						-	80	60	40	27
P460 M						60	40	27	-	-
ML1	460	440	[7] 430	530-720	17	-	60	40	27	-
ML2						-	80	60	40	27
EN 10028-6										
P355 Q, QH						60	40	27	-	-
QL 1	[8] 355	[8]* 335	[8]** 315	[8]*** 490-630	22	-	60	40	27	-
QL2						-	80	60	40	27

Specifications	Yield strength N/mm²			Tensile strength N/mm²	Elongation min. %	Charpy V-notch Temp. (°C) Energy (J)				
	t<16mm	16<t<40	t>40mm			20	0	-20	-40	-50
	Contd. PRESSURE VESSELS, GENERAL									
Contd. EN 10028-6										**-60**
P460 Q, QH						60	40	27	-	-
QL1	8) 460	8)* 440	8)** 400	8)*** 500-720	19	-	60	40	27	-
QL 2						-	80	60	40	27
P500 Q, QH						60	40	27	-	-
QL1	8) 500	8)* 480	8)** 440	8)*** 590-770	17	-	60	40	27	-
QL2						-	80	60	40	27
P690 Q, QH						60	40	27	-	-
QL1	8) 690	8)* 670	8)** 630	8)*** 770-940	14	-	60	40	27	-
QL2						-	80	60	40	27
PRESSURE VESSELS, LOW TEMPERATURE SERVICE										
EN 10207					***3-40mm***	***40-60***				
P235S	235	225	215	360-480	26	25	-	-	28	-	-
P265S	265	255	245	410-530	22	22	-	-	28	-	-
P275SL	275	265	255	390-510	24	24	-	-	-	-	28

Table 28 - Plates: List of standards specifications

1) For t≤50mm

1)* For 50<t≤100mm

1)** For 100<t≤150mm. For t>150mm, see EN 10137-2

1)*** For t≤100mm. For t>100m, see EN 10137-2

2) For t≤50mm

2)* For 50<t≤70mm

3) For LR and ABS plates the difference between A, B, D, E, F grades are the impact tests. They are made at the following temperatures:

A grade	+20 °C	E/EH grade	-40 °C
B/AH grade	0 °C	FH grade	-60 °C
D/DH grade	-20 °C		

4) For plates thicker than 60mm, see EN 10028-2:1992

5) For plates thicker than 50mm, see EN 10028-3:1992

5)* For plates thicker than 70mm, see EN 10028-3:1992

6) For t≤30mm

6)* For 30<t≤50mm

7) Maximum thickness 63mm

8) For t≤50mm

8)* For 50<t≤100mm

8)** For 100<t≤150mm

8)*** For t≤100mm. For 100<t<150mm, see EN 10028-6

Hot-Rolled Steel Plates

JIS G 3131 - 1996 SPHC
BS EN 10025 S275 JR
BS EN 10025 S355 JR

JIS G 3101 - SS330
JIS G 3101 - SS400
ASTM A 36

Thickness	Width x Length								
	4' x 8' 1219mm x 2438mm			5' x 10' 1524mm x 3048mm			5' x 20' 1524mm x 6096mm		
	Calculated Weight								
mm	kg/pc	lb/pc	pcs/mt	kg/pc	lb/pc	pcs/mt	kg/pc	lb/pc	pcs/mt
1.2	27.996	61.719	35.7	43.757	96.467	22.9	87.515	192.935	11.4
1.4	32.661	72.005	30.6	51.050	112.545	19.6	102.100	225.091	9.8
1.5	34.994	77.149	28.6	54.697	120.584	18.3	109.393	241.169	9.1
1.6	37.327	82.292	26.8	58.343	128.623	17.1	116.686	257.246	8.6
1.8	41.993	92.578	23.8	65.636	144.701	15.2	131.272	289.402	7.6
1.9	44.326	97.722	22.6	69.282	152.740	14.4	138.565	305.480	7.2
2.0	46.659	102.865	21.4	72.929	160.779	13.7	145.858	321.558	6.9
2.2	51.325	113.151	19.5	80.222	176.857	12.5	160.444	353.714	6.2
2.3	53.658	118.295	18.6	83.868	184.896	11.9	167.736	369.792	6.0
2.5	58.324	128.581	17.1	91.161	200.974	11.0	182.322	401.948	5.5
2.8	65.323	144.011	15.3	102.100	225.091	9.8	204.201	450.181	4.9
2.9	67.656	149.154	14.8	105.747	233.130	9.5	211.494	466.259	4.7
3.0	69.989	154.297	14.3	109.393	241.169	9.1	218.787	482.337	4.6
3.2	74.655	164.584	13.4	116.686	257.246	8.6	233.372	514.493	4.3
3.8	88.652	195.443	11.3	138.565	305.480	7.2	277.130	610.960	3.6
4.0	93.318	205.730	10.7	145.858	321.558	6.9	291.716	643.116	3.4
4.3	100.317	221.159	10.0	156.797	345.675	6.4	313.594	691.350	3.2
4.5	104.983	231.446	9.5	164.090	361.753	6.1	328.180	723.506	3.0
5.0	116.648	257.162	8.6	182.322	401.948	5.5	364.644	803.895	2.7
5.8	135.312	298.308	7.4	211.494	466.259	4.7	422.988	932.518	2.4
6.0	139.978	308.594	7.1	218.787	482.337	4.6	437.573	964.674	2.3
7.5	174.972	385.743	5.7	273.483	602.921	3.7	546.967	1205.843	1.8
8.0	186.637	411.459	5.4	291.716	643.116	3.4	583.431	1286.232	1.7
9.0	209.966	462.892	4.8	328.180	723.506	3.0	656.360	1447.011	1.5
10.0	233.296	514.324	4.3	364.644	803.895	2.7	729.289	1607.790	1.4
11.0	256.625	565.757	3.9	401.109	884.285	2.5	802.218	1768.569	1.2
12.0	279.955	617.189	3.6	437.573	964.674	2.3	875.147	1929.348	1.1
13.0	303.285	668.621	3.3	474.038	1045.064	2.1	948.076	2090.127	1.1
14.0	326.614	720.054	3.1	510.502	1125.453	2.0	1021.004	2250.906	1.0
15.0	349.944	771.486	2.9	545.967	1205.843	1.8	1093.933	2411.685	0.9
16.0	373.273	822.919	2.7	583.431	1286.232	1.7	1166.862	2572.465	0.9

(*Other sizes & lengths not stipulated in the table above may be made available upon request)

Hot-Rolled Steel Plates

JIS G 3131 - 1996 SPHC
BS EN 10025 S275 JR
BS EN 10025 S355 JR

JIS G 3101 - SS330
JIS G 3101 - SS400
ASTM A 36

Thickness	Width x Length								
	6' x 8' 1829mm x 2438mm			6' x 10' 1829mm x 3048mm			6' x 20' 1829mm x 6096mm		
	Calculated Weight								
mm	kg/pc	lb/pc	pcs/mt	kg/pc	lb/pc	pcs/mt	kg/pc	lb/pc	pcs/mt
1.2	-	-	-	-	-	-	-	-	-
1.4	-	-	-	-	-	-	-	-	-
1.5	-	-	-	-	-	-	-	-	-
1.6	-	-	-	-	-	-	-	-	-
1.8	-	-	-	-	-	-	-	-	-
1.9	-	-	-	-	-	-	-	-	-
2.0	-	-	-	-	-	-	-	-	-
2.2	-	-	-	-	-	-	-	-	-
2.3	-	-	-	-	-	-	-	-	-
2.5	-	-	-	-	-	-	-	-	-
2.8	-	-	-	-	-	-	-	-	-
2.9	-	-	-	-	-	-	-	-	-
3.0	105.012	231.509	9.5	131.286	289.434	7.6	262.573	578.868	3.8
3.2	112.013	246.943	8.9	140.039	308.730	7.1	280.078	617.459	3.6
3.8	133.015	293.245	7.5	166.296	366.616	6.0	332.592	733.233	3.0
4.0	140.016	308.679	7.1	175.048	385.912	5.7	350.097	771.824	2.9
4.3	150.517	331.830	6.6	188.177	414.855	5.3	376.354	829.711	2.7
4.5	157.518	347.264	6.3	196.930	434.151	5.1	393.859	868.302	2.5
5.0	175.020	385.849	5.7	218.811	482.390	4.6	437.621	964.780	2.3
5.8	203.023	447.584	4.9	253.820	559.572	3.9	507.641	1119.144	2.0
6.0	210.024	463.018	4.8	262.573	578.868	3.8	525.145	1157.736	1.9
7.5	262.530	578.773	3.8	328.216	723.585	3.0	656.432	1447.170	1.5
8.0	280.032	617.358	3.6	350.097	771.824	2.9	700.194	1543.648	1.4
9.0	315.036	694.527	3.2	393.859	868.302	2.5	787.718	1736.603	1.3
10.0	350.040	771.697	2.9	437.621	964.780	2.3	875.242	1929.559	1.1
11.0	385.043	848.867	2.6	481.383	1061.258	2.1	962.767	2122.515	1.0
12.0	420.047	926.037	2.4	525.145	1157.736	1.9	1050.291	2315.471	1.0
13.0	455.051	1003.206	2.2	568.908	1254.214	1.8	1137.815	2508.427	0.88
14.0	490.055	1080.376	2.0	612.670	1350.692	1.6	1225.339	2701.383	0.82
15.0	525.059	1157.546	1.9	656.432	1447.170	1.5	1312.864	2894.339	0.76
16.0	560.063	1234.715	1.8	700.194	1543.648	1.4	1400.388	3087.295	0.71

(*Other sizes & lengths not stipulated in the table above may be made available upon request)

Chequered Plates (Floor Plates or Tear Drop Plates)

BS EN 10025 S275 JR **JIS G 3101 - SS330**
ASTM A 36 **JIS G 3101 - SS400**

Thickness	Width x Length								
	4' x 8' 1219mm x 2438mm			5' x 10' 1524mm x 3048mm			6' x 20' 1829mm x 6096mm		
	Calculated Weight								
mm	kg/pc	lb/pc	pcs/mt	kg/pc	lb/pc	pcs/mt	kg/pc	lb/pc	pcs/mt
3.0	75.069	165.497	13.3	117.336	258.679	8.5	281.623	620.866	3.6
4.5	110.063	242.645	9.1	172.033	379.264	5.8	412.909	910.299	2.4
6.0	145.058	319.795	6.9	226.730	499.849	4.4	544.195	1199.732	1.8
7.5	180.052	396.943	5.6	281.426	620.432	3.6	675.482	1489.168	1.5
8.0	191.717	422.659	5.2	299.659	660.628	3.3	719.244	1585.646	1.4
9.0	215.046	474.090	4.7	336.123	741.017	3.0	806.768	1778.601	1.2
10.0	238.376	525.524	4.2	372.587	821.405	2.7	894.292	1971.556	1.1
11.0	261.705	576.955	3.8	409.052	901.796	2.4	981.817	2164.514	1.0
12.0	285.035	628.388	3.5	445.516	982.185	2.2	1069.341	2357.469	0.9
13.0	308.365	679.821	3.2	481.981	1062.575	2.1	1156.876	2550.450	0.9
14.0	331.694	731.253	3.0	518.445	1142.965	1.9	1244.401	2743.406	0.8
15.0	355.024	782.686	2.8	554.910	1223.354	1.8	1331.925	2936.362	0.8
16.0	378.353	834.118	2.6	591.374	1303.744	1.7	1419.449	3129.318	0.7

(*Other sizes & lengths not stipulated in the table above may be made available upon request)

Cold-Rolled Sheets

JIS G 3141 - SPCC

Thickness	Width x Length 4' x 8' 1219mm x 2438mm Calculated Weight		
mm	kg/pc	lb/pc	pcs/mt
0.30	6.999	15.430	142.9
0.35	8.165	18.001	122.5
0.36	8.399	18.516	119.1
0.40	9.332	20.573	107.2
0.45	10.498	23.145	95.3
0.50	11.665	25.716	85.7
0.55	12.831	28.288	77.9
0.60	13.998	30.859	71.4
0.65	15.164	33.431	65.9
0.70	16.331	36.003	61.2
0.80	18.664	41.146	53.6
0.85	19.830	43.718	50.4
0.90	20.997	46.289	47.6
1.00	23.330	51.432	42.9
1.10	25.663	56.576	39.0
1.20	27.996	61.719	35.7
1.40	32.661	72.005	30.6
1.45	33.828	74.577	29.6
1.50	34.994	77.149	28.6
1.55	36.161	79.722	27.7
1.60	37.327	82.292	26.8
1.80	41.993	92.578	23.8
1.90	44.326	97.722	22.6
2.00	46.659	102.865	21.4
2.20	51.325	113.151	19.5
2.30	53.658	118.295	18.6
2.50	58.324	128.581	17.1
2.60	60.657	133.724	16.5
2.80	65.323	144.011	15.3
2.90	67.656	149.154	14.8
3.00	69.989	154.297	14.3

(*Other sizes not stipulated in the table above may be available upon request)

Galvanized Steel Sheets

JIS G 3302 - SGCC
JIS G 3302 - SGHC

Thickness	Width x Length								
	4' x 8'								
	1219mm x 2438mm								
	Z 18			Z 22/ Z 25			Z 27		
	Calculated Weight								
mm	kg/pc	lb/pc	pcs/mt	kg/pc	lb/pc	pcs/mt	kg/pc	lb/pc	pcs/mt
0.30	7.724	17.028	129.5	7.905	17.428	126.5	8.131	17.926	123.0
0.35	8.891	19.600	112.5	9.072	20.000	110.2	9.298	20.498	107.6
0.36	9.124	20.114	109.6	9.305	20.514	107.5	9.531	21.012	104.9
0.40	10.057	22.172	99.4	10.238	22.571	97.7	10.464	23.069	95.6
0.45	11.233	24.743	89.1	11.405	25.143	87.7	11.631	25.641	86.0
0.50	12.390	27.315	80.7	12.571	27.715	79.5	12.797	28.212	78.1
0.55	13.556	20.886	73.8	13.738	30.286	72.8	13.964	30.784	71.6
0.60	14.723	32.458	67.9	14.904	32.858	67.1	15.130	33.356	66.1
0.65	15.889	35.030	62.9	16.071	35.429	62.2	16.297	35.927	61.4
0.70	17.056	37.601	58.6	17.237	38.001	58.0	17.463	38.499	57.3
0.75	18.222	40.173	54.9	18.404	40.573	54.3	18.629	41.071	53.7
0.80	19.389	42.745	51.6	19.570	43.144	51.1	19.796	43.642	50.0
0.85	20.555	45.316	48.6	20.737	45.716	48.2	20.962	46.214	47.7
0.90	21.722	47.888	46.0	21.903	48.287	45.7	22.129	48.785	45.2
1.00	24.055	53.031	41.6	24.236	53.431	41.3	24.462	53.929	40.9
1.10	26.388	58.174	37.9	26.569	58.574	37.6	26.795	59.072	37.3
1.20	28.721	63.318	34.8	28.902	63.717	34.6	29.128	64.215	34.3
1.40	33.387	73.604	30.0	33.568	74.004	29.8	33.794	74.502	29.6
1.45	34.553	76.176	28.9	34.734	76.575	28.8	34.960	77.073	28.6
1.50	35.720	78.747	28.0	35.901	79.147	27.9	36.127	79.645	27.7
1.55	36.886	81.319	27.1	37.067	81.719	27.0	37.293	82.217	26.8
1.60	38.052	83.891	26.3	38.234	84.290	25.2	38.460	84.788	26.0
1.80	42.718	94.177	23.4	42.900	94.577	23.3	43.126	95.075	23.2
1.90	45.051	99.320	22.2	45.233	99.720	22.1	45.459	100.218	22.0
2.00	47.384	104.463	21.1	47.566	104.863	21.0	47.791	100.361	22.0
2.20	52.050	114.750	19.2	52.232	115.150	19.1	52.457	115.648	19.1
2.30	54.383	119.893	18.4	54.564	120,293	18.3	54.790	120.791	18.3
2.50	49.049	130.180	16.9	59.230	130.579	16.9	49.456	131.077	16.8
2.60	61.382	135.323	16.3	61.563	135.723	16.2	61.789	136.221	16.2
2.80	66.048	145.609	15.1	66.229	145.009	15.1	66.455	146.507	15.0
2.90	68.381	150.753	14.6	68.562	151.152	14.6	68.788	151.650	14.5
3.00	70.714	155.896	14.1	70.895	156.296	14.1	71.121	156.794	14.1

(*Other sizes not stipulated in the table above may be made available upon request)