



## COMMONLY USED BRAND/ORIGIN

JAPAN	SUMITOMO, NIPPON STEEL
KOREA	POSCO, DONGKUK, DKC
THAILAND	LPN, SAHAVIRIYA
CHINA	TISCO, BAOSTEEL, SHOUGANG, ANGANG, XINYU
UKRAINE	

## APPLICABLE SPECIFICATIONS & CODES

ASTM A36	Carbon Structural Steel
ASTM A131	Structural Steel for Ships
ASTM A242	High-Strength Low-Alloy Structural Steel
ASTM A283	Low and Intermediate Tensile Strength Carbon Steel Plates
ASTM A285	Pressure Vessel Plates, Carbon Steel, Low and Intermediate Tensile Strength
ASTM A516	Pressure Vessel Plates, Carbon Steel, for Moderate and Low Temp. Service
ASTM A537	Pressure Vessel Plates, Heat-Treated, Carbon Manganese Silicon Steel
ASTM A573	Structural Carbon Steel Plates of Improved Toughness
ASTM A662	Pressure Vessel Plates, Carbon Manganese Silicon Steel
ASTM A678	Quenched and Tempered Carbon and High Strength Low Alloy Structural
ASTM A737	Pressure Vessel Plates, High Strength, Low alloy Steel

## MILD STEEL PLATES

Metric units (7.85 kg/mm m<sup>2</sup> - 0.7293 kg/mm ft<sup>2</sup>)

Thickness t mm	Unit Weight M kg	Width x Length, ft					
		4 x 8 32	5 x 10 50	5 x 20 100	6 x 20 120	8 x 20 160	8 x 30 240
1.2	0.8752	28.00	-	-	-	-	-
1.5	1.0939	35.00	-	-	-	-	-
1.6	1.1670	37.34	-	-	-	-	-
2.0	1.4587	46.67	-	-	-	-	-
2.3	1.6770	53.67	-	-	-	-	-
2.5	1.8233	58.34	-	-	-	-	-
3.0	2.1880	70.00	109.38	-	-	-	-
4.0	3.9170	93.34	145.84	292.00	-	-	-
4.5	3.2820	105.00	164.07	328.14	-	-	-
5.0	3.6460	116.67	182.30	364.60	-	-	-
6	4.3760	140.01	218.76	437.52	525.02	700.03	1,050.05
7	5.1050	163.34	255.22	510.44	612.53	816.70	1,225.06
8	5.8340	186.68	291.68	583.36	700.03	933.38	1,400.06
9	6.5640	210.01	328.14	656.28	787.54	1,050.05	1,575.07
10	7.2930	233.34	364.60	729.20	875.04	1,166.72	1,750.08
11	8.0220	256.68	401.06	802.12	962.54	1,283.39	1,925.09
12	8.7520	280.01	437.52	875.04	1,050.05	1,400.06	2,100.10
15	10.9400	350.02	546.90	1,093.80	1,312.56	1,750.08	2,625.12
16	11.6700	373.35	583.36	1,166.72	1,400.06	1,866.75	2,800.13
17	12.4000	396.68	619.82	1,239.64	1,487.57	1,983.42	2,975.14
18	13.1300	420.02	656.28	1,312.56	1,575.07	2,100.10	3,150.14
19	13.8600	443.35	692.74	1,385.48	1,662.58	2,216.77	3,325.15
20	14.5900	466.69	729.20	1,458.40	1,750.08	2,333.44	3,500.16
21	15.3200	490.02	765.66	1,531.32	1,837.58	2,450.11	3,675.17
22	16.0400	513.36	802.12	1,604.24	1,925.09	2,566.78	3,850.18
24	17.5000	560.03	875.04	1,750.08	2,100.10	2,800.13	4,200.19
25	18.2300	583.36	911.50	1,823.00	2,187.60	2,916.80	4,375.20
26	18.9600	606.69	947.96	1,895.92	2,275.10	3,033.47	4,550.21
28	20.4200	653.36	1,020.88	2,041.76	2,450.11	3,266.82	4,900.22
30	21.8800	700.03	1,093.80	2,187.60	2,625.12	3,500.16	5,250.24
32	23.3400	746.70	1,166.72	2,333.44	2,800.13	3,733.50	5,600.26
35	25.5220	816.70	1,276.10	2,552.20	3,062.64	4,083.52	6,125.28
36	26.2500	840.04	1,312.56	2,625.12	3,150.14	4,200.19	6,300.29
38	27.7100	886.71	1,385.48	2,770.96	3,325.15	4,433.54	6,650.30
40	29.1700	933.38	1,458.40	2,916.80	3,500.16	4,666.88	7,000.32
44	32.0848	1,026.71	1,604.24	3,208.48	3,850.18	5,133.57	7,700.35
45	32.8200	1,050.05	1,640.70	3,281.40	3,937.68	5,250.24	7,875.36
50	36.4600	1,166.72	1,823.00	3,646.00	4,375.20	5,833.60	8,750.40
55	40.1100	1,283.39	2,005.30	4,010.60	4,812.72	6,416.96	9,625.44
57	41.5644	1,330.06	2,078.22	4,156.44	4,987.73	6,650.30	9,975.46
60	43.7600	1,400.06	2,187.60	4,375.20	5,250.24	7,000.32	10,500.48
65	47.4000	1,516.74	2,369.90	4,739.80	5,687.76	7,583.68	11,375.52
70	51.0500	1,633.41	2,552.20	5,104.40	6,125.28	8,167.04	12,250.56
75	54.6964	1,750.08	2,734.50	5,469.00	6,562.80	8,750.40	13,125.60
80	58.3400	1,866.75	2,916.80	5,833.60	7,000.32	9,333.76	14,000.64
90	65.6400	2,100.10	3,281.40	6,562.80	7,875.36	10,500.48	15,750.72
100	72.9300	2,333.44	3,646.00	7,292.00	8,750.40	11,667.20	17,500.80
110	80.2200	2,566.78	4,010.60	8,021.20	9,625.44	12,833.92	19,250.88
120	87.5200	2,800.13	4,375.20	8,750.40	10,500.48	14,000.64	21,000.96
130	94.8100	3,033.47	4,739.80	9,479.60	11,375.52	15,167.36	22,751.04
140	102.1000	3,266.82	5,104.40	10,208.80	12,250.56	16,334.08	24,501.12
150	109.4000	3,500.16	5,469.00	10,938.00	13,125.60	17,500.80	26,251.20