



mild steel plates

Steel plates come in various material composition to suit specialized uses.

The common industrial names of the different plates are:

- Ship Plates
- Boiler Plates
- Mild Steel Plates

Weight and dimensions of Ship, Boiler and MS plates are uniform to facilitate ordering.

MILD STEEL PLATES

Metric units (7.85 kg/mm m² - 0.7293 kg/mm ft²)

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

Spec: ASTM A36, BS 4360 GR43A, JIS G3101 SS400.....

BOILER PLATES

Thickness in	Width x Length 6' x 20' Calculated Weight		Width x Length 8' x 20' Calculated Weight		Width x Length 8' x 30' Calculated Weight	
	kg/pc	lb/pc	kg/pc	lb/pc	kg/pc	lb/pc
1/8	278	613	371	818	556	1,226
3/16	416	917	555	1,224	832	1,834
1/4	556	1,226	741	1,634	1,111	2,449
5/16	695	1,532	927	2,044	1,387	3,058
3/8	834	1,839	1,100	2,425	1,669	3,680
7/16	972	2,143	1,296	2,857	1,944	4,286
1/2	1,112	2,452	1,482	3,267	2,222	4,899
5/8	1,390	3,064	1,853	4,085	2,780	6,129
3/4	1,667	3,675	2,222	4,899	3,332	7,346
7/8	1,946	4,290	2,591	5,712	3,890	8,576
1	2,223	4,901	2,963	6,532	4,445	9,800
1-1/8	2,502	5,516	3,339	7,361	4,997	11,016
1-1/4	2,780	6,129	3,425	7,551	5,560	12,258
1-1/2	3,335	7,352	4,445	9,800	6,668	14,700
1-3/4	3,887	8,569	5,194	11,451	7,772	17,134
2	4,450	9,811	5,921	13,054	8,900	19,621
2-1/4	4,997	11,016	6,663	14,689	9,994	22,033
2-1/2	5,551	12,238	7,402	16,319	11,102	24,476
3	6,662	14,687	8,883	19,584	13,324	29,374
3-1/2	7,772	17,134	10,363	22,846	15,544	34,269
4	8,882	19,581	11,843	26,109	17,764	39,163
5	11,102	24,476	14,803	32,635	22,204	48,951
6	13,322	29,370	17,763	39,161	26,644	58,740

Spec: ASTM SA516 GR70(N), ASME SA516 GR70(N).....