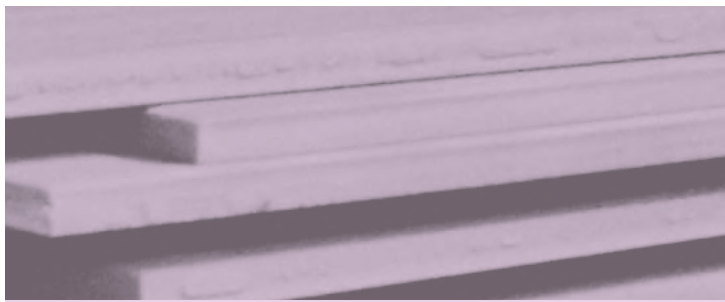
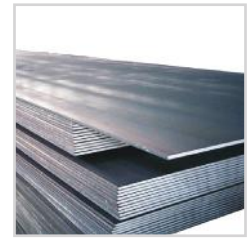


STEEL PLATES



Plates

Dimensions and Mass



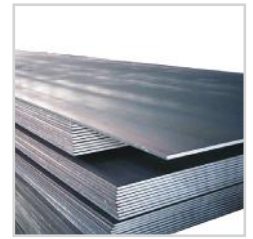
8a (i) Mild Steel Plates

Width x Length (m)		1.219 x 2.438	1.219 x 4.876	1.524 x 3.048	1.524 x 6.096	1.829 x 6.096	2.438 x 6.096
Width x Length (ft)		4 x 8	4 x 16	5 x 10	5 x 20	6 x 20	8 x 20
Thickness	Weight	Calculated Weight / pc					
mm	kg/ft ²	kg/pc	kg/pc	kg/pc	kg/pc	kg/pc	kg/pc
1.2	0.875	28	-	44	-	-	-
1.4	1.021	33	-	51	-	-	-
1.5	1.094	35	-	55	-	-	-
1.6	1.166	37	-	58	-	-	-
1.8	1.312	42	-	66	-	-	-
1.9	1.385	44	-	69	-	-	-
2.0	1.458	47	-	73	-	-	-
2.3	1.677	54	-	84	-	-	-
2.6	1.896	61	-	95	-	-	-
2.8	2.041	65	-	102	-	-	-
3.0	2.187	70	-	109	-	-	-
3.2	2.333	75	-	117	-	-	-
4.0	2.916	93	187	146	292	350	467
4.5	3.281	105	210	164	328	394	525
5.0	3.645	117	233	182	365	438	583
6.0	4.374	140	280	219	438	525	700
6.35	4.629	148	296	232	463	556	741
7.5	5.468	175	350	273	547	656	875
8.0	5.832	187	373	292	583	700	933
9.0	6.561	210	420	328	656	788	1050
9.53	6.948	222	445	348	695	834	1112
10	7.290	233	467	365	729	875	1167
12	8.749	280	560	438	875	1050	1400
12.7	9.259	296	593	463	926	1112	1482
13	9.478	303	607	474	948	1138	1517
14	10.207	327	653	511	1021	1225	1633
15	10.936	350	700	547	1094	1313	1750
16	11.665	373	747	583	1167	1400	1867
18	13.123	420	840	656	1313	1575	2100
19	13.852	443	887	693	1386	1663	2217
20	14.581	467	933	729	1459	1750	2333
22	16.039	513	1027	802	1604	1926	2567
24	17.497	560	1120	875	1750	2101	2800
25	18.226	583	1166	912	1823	2188	2917
25.4	18.518	593	1185	926	1852	2223	2963
28	20.413	653	1306	1021	2042	2451	3267
30	21.871	700	1400	1094	2188	2626	3500
32	23.330	747	1493	1167	2334	2801	3733
35	25.517	817	1633	1276	2553	3063	4083
36	26.246	840	1680	1313	2625	3151	4200
38	27.704	887	1773	1386	2771	3326	4433
40	29.162	933	1866	1459	2917	3501	4667
44	32.078	1027	2053	1604	3209	3851	5133
45	32.807	1050	2100	1641	3282	3939	5250
50	36.452	1166	2333	1823	3646	4376	5833

Note : The above weight are rounded up to kg.

Plates

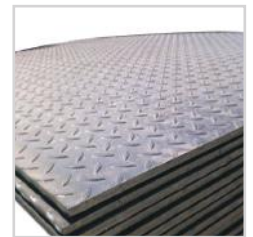
Dimensions and Mass



8a (i) Mild Steel Plates - II

Width x Length (m)		1.219 x 2.438	1.219 x 4.876	1.524 x 3.048	1.524 x 6.096	1.829 x 6.096	2.438 x 6.096
Width x Length (ft)		4 x 8	4 x 16	5 x 10	5 x 20	6 x 20	8 x 20
Thickness	Weight	Calculated Weight / pc					
mm	kg/ft ²	kg/pc	kg/pc	kg/pc	kg/pc	kg/pc	kg/pc
55	40.098	1283	2566	2006	4011	4814	6417
57	41.556	1330	2660	2078	4157	4989	6650
60	43.743	1400	2800	2188	4376	5251	7000
63.5	46.295	1481	2963	2315	4631	5558	7408
65	47.388	1516	3033	2370	4740	5689	7583
70	51.033	1633	3266	2553	5105	6127	8167
75	54.679	1750	3499	2735	5470	6564	8750
80	58.324	1866	3733	2917	5834	7002	9333
90	65.614	2100	4199	3282	6564	7877	10500
100	72.905	2333	4666	3646	7293	8752	11667
110	80.195	2566	5133	4011	8022	9628	12833
120	87.486	2800	5599	4376	8751	10503	14000
125	91.131	2916	5832	4558	9116	10941	14583
130	94.776	3033	6066	4740	9481	11378	15167
140	102.067	3266	6532	5105	10210	12253	16333
150	109.357	3499	6999	5470	10939	13129	17500

Calculated weight based on Metric units 7.85kg/mm m² - 0.7293 kg/mm ft²



8a (ii) MS Chequered Plates (Metric Units)

Width x Length (m)		1.219 x 2.438	1.219 x 4.876	1.524 x 3.048	1.524 x 6.096
Width x Length (ft)		4 x 8	4 x 16	5 x 10	5 x 20
Thickness	Calculated Weight	Calculated Weight / pc			
mm	kg/ft ²	kg/pc	kg/pc	kg/pc	kg/pc
2.0	1.617	51.74	-	-	-
2.3	1.836	58.74	-	-	-
3.0	2.346	75.07	150.14	117.33	234.67
4.0	3.075	98.40	196.80	153.80	307.60
4.5	3.440	110.07	220.13	172.03	344.06
5.0	3.804	121.73	243.46	190.26	380.53
6.0	4.533	145.06	290.12	226.73	453.45
7.5	5.627	180.05	360.11	281.42	562.85
8.0	5.991	191.72	383.44	299.66	599.31
9.0	6.720	215.05	430.10	336.12	672.24
12.0	8.907	285.04	570.07	445.51	891.03

The calculation of the above weight is based on MS Plate (7.85 kg/mm m²) and add 0.15881 kg/ft² for chequered plates.