

# PLATES

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## Information

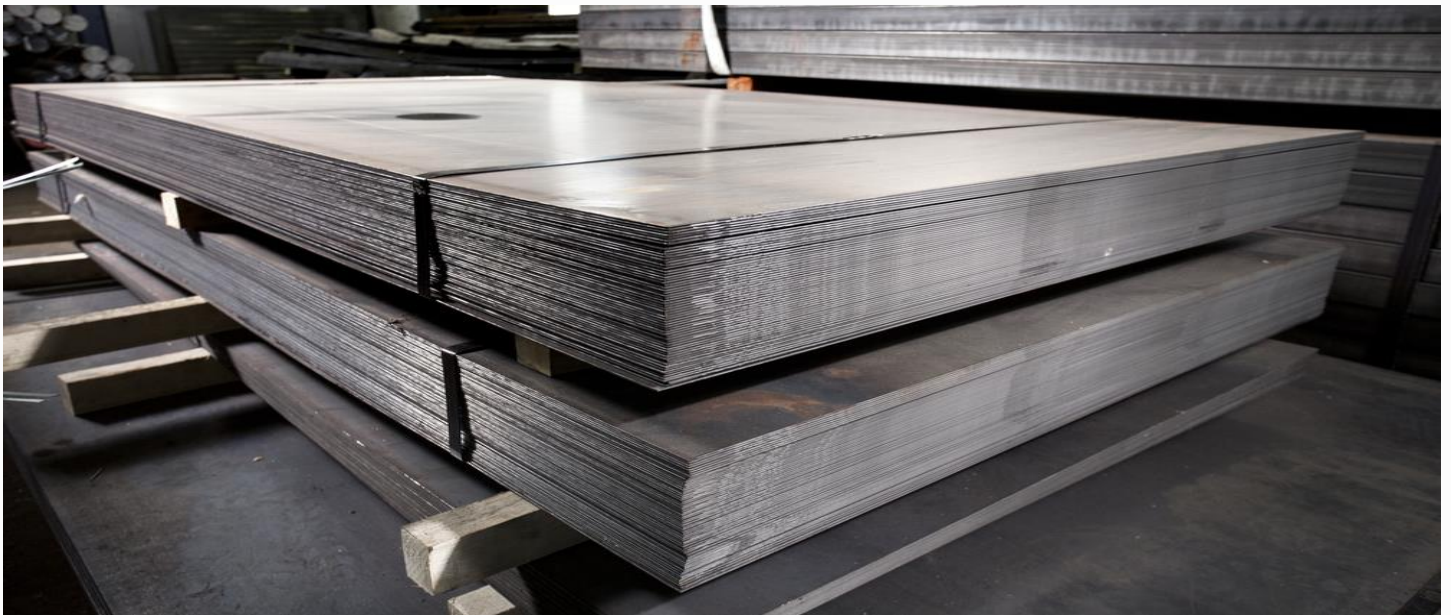
A steel plate is a broad and generic term for steel in the form of a plate. It is made by compressing multiple steel layers together into one to form a plate of steel. Steel Plate can be customarily cut and welded to develop a more elaborate product. Steel Plate is commonly used to strengthen foundations and uphold mass units of weight.

## Applications

Structural and construction applications, pressure vessels, marine and offshore equipment, general fabrication, transmission line towers and military applications.

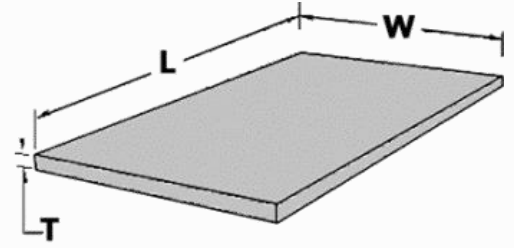
## Features

- Lightweight and durable
- Great formability and weldability
- Corrosion and abrasion resistant
- Excellent toughness and long service life
- High tensile strength



# MILD STEEL PLATES

**Material Specification:** EN 10025 S275JR/S355JR  
 EH36  
 ASTM A36  
 BS4360 Gr43A  
 JIS G3101 SS400

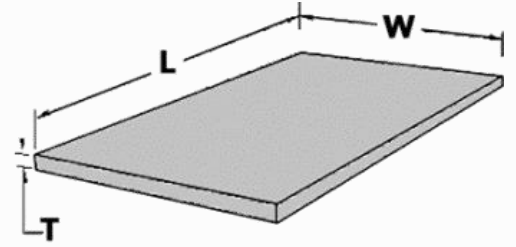


Metric units (7.85 kg/mm m<sup>2</sup> - 0.7293 kg/mm ft<sup>2</sup>)

Thickness	Unit Weight	Width x Length, ft					
		4' x 8'	5' x 10'	5' x 20'	6' x 20'	8' x 20'	8' x 30'
t	M	1219mm x 2438mm	1524mm x 3048mm	1524mm x 6096mm	1829mm x 6096mm	2438mm x 6096mm	2438mm x 9144mm
mm	kg/ft <sup>2</sup>	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc
1.2	0.88	28	43.8	87.5	105	-	-
1.5	1.09	35	54.7	109.4	131.3	-	-
1.6	1.17	37.34	58.3	117	140	-	-
2	1.46	46.67	72.9	145.8	175	-	-
2.3	1.68	53.67	83.9	168	201.2	-	-
2.5	1.82	58.34	94.8	190	227.5	-	-
3	2.19	70	109.38	219	263	-	-
4	2.91	93.34	145.84	292	350	-	-
4.5	3.28	105	164.07	328.14	394	-	-
5	3.65	116.67	182.3	364.6	438	-	-
6	4.38	140.01	218.76	437.52	525.02	700.03	1050.05
7	5.11	163.34	255.22	510.44	612.53	816.7	1225.06
8	5.83	186.68	291.68	583.36	700.03	933.38	1400.06
9	6.56	210.01	328.14	656.28	787.54	1050.05	1575.07
10	7.29	233.34	364.6	729.2	875.04	1166.72	1750.08
11	8.02	256.68	401.06	802.12	962.54	1283.39	1925.09
12	8.75	280.01	437.52	875.04	1050.05	1400.06	2100.1
13	9.481	303	474	948	1138	1517	-
14	10.21	327	511	1021	1225	1634	-
15	10.94	350.02	546.9	1093.8	1312.56	1750.08	2625.12
16	11.67	373.35	583.36	1166.72	1400.06	1866.75	2800.13
17	12.4	396.68	619.82	1239.64	1487.57	1983.42	2975.14
18	13.13	420.02	656.28	1312.56	1575.07	2100.1	3150.14
19	13.86	443.35	692.74	1385.48	1662.58	2216.77	3325.15
20	14.59	466.69	729.2	1458.4	1750.08	2333.44	3500.16
21	15.32	490.02	765.66	1531.32	1837.58	2450.11	3675.17
22	16.04	513.36	802.12	1604.24	1925.09	2566.78	3850.18
24	17.5	560.03	875.04	1750.08	2100.1	2800.13	4200.19
25	18.23	583.36	911.5	1823	2187.6	2916.8	4375.2
26	18.96	606.69	947.96	1895.92	2275.1	3033.47	4550.21
28	20.42	653.36	1020.88	2041.76	2450.11	3266.82	4900.22
29	21.15	677	1057	2115	2538	3384	-

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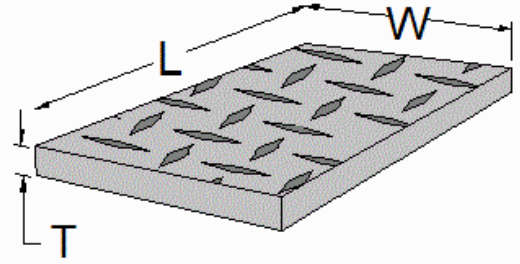


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Thickness	Unit Weight	Width x Length, ft					
		4' x 8'	5' x 10'	5' x 20'	6' x 20'	8' x 20'	8' x 30'
t	M	1219mm x 2438mm	1524mm x 3048mm	1524mm x 6096mm	1829mm x 6096mm	2438mm x 6096mm	2438mm x 9144mm
mm	kg/ft2	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc
30	21.88	700.03	1093.8	2187.6	2625.12	3500.16	5250.24
32	23.34	746.7	1166.72	2333.44	2800.13	3733.5	5600.26
35	25.52	816.7	1276.1	2552.2	3062.64	4083.52	6125.28
36	26.25	840.04	1312.56	2625.12	3150.14	4200.19	6300.29
38	27.71	886.71	1385.48	2770.96	3325.15	4433.54	6650.3
40	29.17	933.38	1458.4	2916.8	3500.16	4666.88	7000.32
44	32.08	1026.71	1604.24	3208.48	3850.18	5133.57	7700.35
45	32.82	1050.05	1640.7	3281.4	3937.68	5250.24	7875.36
50	36.46	1166.72	1823	3646	4375.2	5833.6	8750.4
55	40.11	1283.39	2005.3	4010.6	4812.72	6416.96	9625.44
57	41.56	1330.06	2078.22	4156.44	4987.73	6650.3	9975.46
60	43.76	1400.06	2187.6	4375.2	5250.24	7000.32	10500.48
65	47.4	1516.74	2369.9	4739.8	5687.76	7583.68	11375.52
70	51.05	1633.41	2552.2	5104.4	6125.28	8167.04	12250.56
75	54.7	1750.08	2734.5	5469	6562.8	8750.4	13125.6
80	58.34	1866.75	2916.8	5833.6	7000.32	9333.76	14000.64
90	65.64	2100.1	3281.4	6562.8	7875.36	10500.48	15750.72
100	72.93	2333.44	3646	7292	8750.4	11667.2	17500.8
110	80.22	2566.78	4010.6	8021.2	9625.44	12833.92	19250.88
120	87.52	2800.13	4375.2	8750.4	10500.48	14000.64	21000.96
125	91.16	2917	4558	9116	10940	14586	-
130	94.81	3033.47	4739.8	9479.6	11375.52	15167.36	22751.04
140	102.1	3266.82	5104.4	10208.8	12250.56	16334.08	24501.12
150	109.4	3500.16	5469	10938	13125.6	17500.8	26251.2

# CHEQUERED PLATES

**Material Specification:** ASTM A36  
JIS G3101 SS400



Metric units (8.08kg/mm m<sup>2</sup> - 0.7507 kg/mm ft<sup>2</sup>)

Thickness	Unit Weight	Width x Length, ft					
		4' x 8'	4' x 10'	4' x 16'	4' x 20'	5' x 10'	5' x 20'
t	M	1219mm x 2438mm	1219mm x 3048mm	1219mm x 4876mm	1219mm x 6096mm	1524mm x 3048mm	1524mm x 6096mm
mm	kg/ft <sup>2</sup>	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc	Kg/Pc
2.3	1.73	55.20	69.10	111.00	138.00	86.30	-
2.5	1.96	63.35	-	-	-	99.17	198.35
3	2.25	75.02	90.10	144.00	180.00	117.40	234.81
3.2	2.4	76.80	96.10	154.00	192.00	120.00	-
4	3	98.35	120.00	192.00	240.00	153.87	307.75
4.3	3.23	103.00	129.00	207.00	258.00	161.00	-
4.5	3.38	110.00	135.00	216.00	270.00	172.11	344.22
5	3.75	121.70	150.00	240.00	300.00	190.35	380.69
5.8	4.35	139.00	174.00	279.00	348.00	218.00	435.00
6	4.5	145.00	180.00	288.00	360.00	226.81	453.63
7.5	5.63	180.00	225.00	360.00	450.00	282.00	563.00
8	6.01	191.72	240.00	384.00	480.00	299.75	599.50
9	6.76	215.06	270.00	432.00	541.00	336.22	672.44
10	7.51	238.38	-	-	-	372.69	745.38
12	9.01	285.08	360.00	576.00	721.00	445.63	891.26