

DIMENSIONAL STANDARD · IS 2062 / ASTM A36

Steel Plate Weight Chart

Weight of mild steel plate per square metre and per standard sheet, 3 mm to 100 mm thick.

Weight of **mild steel plate** per square metre and per standard plate size, for thicknesses from 3 mm to 100 mm. The values apply to IS 2062, ASTM A36 and ASTM A516 plates.

Plate weight by thickness

Thickness mm	Weight kg/m ²	1250 × 2500 mm kg per plate	1250 × 6300 mm kg per plate	1500 × 6300 mm kg per plate	2000 × 6300 mm kg per plate	2500 × 10000 mm kg per plate	2500 × 12000 mm kg per plate
3	23.55	74	185	223	297	589	706
4	31.40	98	247	297	396	785	942
5	39.25	123	309	371	495	981	1,178
6	47.10	147	371	445	593	1,177	1,413
8	62.80	196	495	593	791	1,570	1,884
10	78.50	245	618	742	989	1,962	2,355
12	94.20	294	742	890	1,187	2,355	2,826
14	109.90	343	865	1,039	1,385	2,748	3,297
16	125.60	392	989	1,187	1,583	3,140	3,768
18	141.30	442	1,113	1,335	1,780	3,532	4,239
20	157.00	491	1,236	1,484	1,978	3,925	4,710
22	172.70	540	1,360	1,632	2,176	4,318	5,181
25	196.25	613	1,545	1,855	2,473	4,906	5,888
28	219.80	687	1,731	2,077	2,769	5,495	6,594
30	235.50	736	1,855	2,225	2,967	5,888	7,065
32	251.20	785	1,978	2,374	3,165	6,280	7,536
36	282.60	883	2,225	2,671	3,561	7,065	8,478
40	314.00	981	2,473	2,967	3,956	7,850	9,420
45	353.25	1,104	2,782	3,338	4,451	8,831	10,598
50	392.50	1,227	3,091	3,709	4,946	9,812	11,775
56	439.60	1,374	3,462	4,154	5,539	10,990	13,188
63	494.55	1,545	3,895	4,673	6,231	12,364	14,836
70	549.50	1,717	4,327	5,193	6,924	13,738	16,485
75	588.75	1,840	4,636	5,564	7,418	14,719	17,662
80	628.00	1,962	4,946	5,935	7,913	15,700	18,840
90	706.50	2,208	5,564	6,676	8,902	17,662	21,195
100	785.00	2,453	6,182	7,418	9,891	19,625	23,550

Notes

- Calculated at a density of 7.85 g/cm³ (7850 kg/m³).
- Actual plate weight varies with rolling tolerance on thickness; invoicing is normally on weighbridge weight.



Reference information compiled from the published standard for convenience. It does not replace the current edition of the governing standard, which takes precedence. Verify critical dimensions and properties before design, purchase or fabrication. Teshi Engineers & Sales Promoters (P) Ltd accepts no liability for errors or omissions.

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