Sheet Metal Gauge & Thickness Conversion Chart

Manufacturers' Standard Gauge (MSG) — Mild Steel & Stainless Steel

Sheet metal thickness is often specified by gauge number rather than a direct measurement. This chart converts standard gauge numbers to millimetres and inches for Mild Steel (MS) and Stainless Steel (SS), based on the Manufacturers' Standard Gauge (MSG) — the reference most commonly used across Indian and international fabrication.

Gauge	Thickness (mm)	Thickness (inch)
7	4.55	0.1793
8	4.18	0.1644
9	3.80	0.1495
10	3.42	0.1345
11	3.04	0.1196
12	2.66	0.1046
13	2.28	0.0897
14	1.90	0.0747
15	1.71	0.0673
16	1.52	0.0598
17	1.37	0.0538
18	1.21	0.0478
19	1.06	0.0418
20	0.912	0.0359
21	0.836	0.0329
22	0.759	0.0299
23	0.683	0.0269
24	0.607	0.0239
25	0.531	0.0209
26	0.455	0.0179

27	0.417	0.0164
28	0.379	0.0149

A Note on Aluminium

Aluminium sheet uses a different gauge standard (B&S / AWG) than steel, so the same gauge number does not correspond to the same thickness across materials. To avoid confusion, we recommend specifying aluminium thickness directly in mm or inches rather than by gauge number. Send us your requirement in either unit and we'll confirm availability.

How to Use This Chart

• A higher gauge number means a thinner sheet — 28 gauge is thinner than 10 gauge.

• Always confirm gauge-to-thickness against this MSG reference, since some regions use different gauge systems.

• For quoting, specifying thickness in mm alongside gauge avoids any ambiguity on our end.

This chart is provided as a general industry reference. For material availability, tolerances, and stock thickness at Silver Technomech, please confirm with our team when submitting your RFQ.

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