

Sheet Metal Gauge Thickness Chart

Quick Reference for Steel, Stainless Steel & Aluminum

IMPORTANT: Gauge is a reference system, not a universal thickness unit. The same gauge number represents a different nominal thickness for steel, stainless steel, and aluminum. Always specify material type, grade, and actual thickness in mm or inches on drawings and RFQs.

Gauge	Steel	Stainless Steel	Aluminum
10 ga	0.1345 in / 3.42 mm	0.1406 in / 3.57 mm	0.1019 in / 2.59 mm
12 ga	0.1046 in / 2.66 mm	0.1094 in / 2.78 mm	0.0808 in / 2.05 mm
14 ga	0.0747 in / 1.90 mm	0.0781 in / 1.98 mm	0.0641 in / 1.63 mm
16 ga	0.0598 in / 1.52 mm	0.0625 in / 1.59 mm	0.0508 in / 1.29 mm
18 ga	0.0478 in / 1.21 mm	0.0500 in / 1.27 mm	0.0403 in / 1.02 mm
20 ga	0.0359 in / 0.91 mm	0.0375 in / 0.95 mm	0.0320 in / 0.81 mm
22 ga	0.0299 in / 0.76 mm	0.0312 in / 0.79 mm	0.0253 in / 0.64 mm
24 ga	0.0239 in / 0.61 mm	0.0250 in / 0.64 mm	0.0201 in / 0.51 mm

Design Notes

- Lower gauge numbers indicate thicker sheet metal.
- Steel, stainless steel, and aluminum do not use identical gauge thicknesses.
- Material thickness can vary within the applicable product standard and supplier tolerance.
- For critical parts, specify material grade, temper or condition, actual thickness, finish, and tolerance requirements.

Need help selecting sheet thickness? Upload your drawing for a free DFM review and quotation.

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