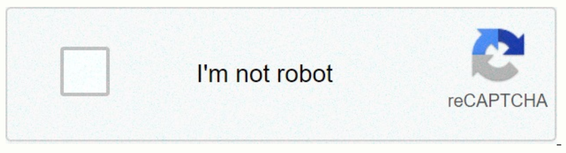


I'm not robot!

Standard sheet metal gauge chart pdf

How to measure gauge of steel sheet. What is standard gauge for metal roofing. How to calculate sheet metal gauge thickness.

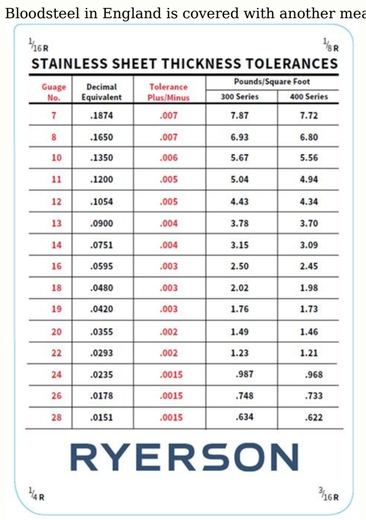
The tin is available in various thicknesses, measured on the meter. Photographic credit: Simonen/Shutterstock.com Blech is usually measured in meters, weight based on thickness and type of material. The numbers differ depending on the type of material and increase how thinner the sheet is (with the exception of the zinc sheet, which is not discussed here). Here are tables for aluminum, steel, stainless steel and galvanized steel, from 1/64 to 1/4 inches. The measurement numbers continue for stronger and thinner parts, but these graphs cover the most common areas. The graphs contain fractional, decimal and metric size for reference.

Gauge		Stainless	Galvanized	Sheet Steel	Aluminum
	Fraction	inches (mm)	inches (mm)	inches (mm)	inches (mm)
30		0.0125 (0.33)	0.0157 (0.40)	0.0120 (0.30)	0.0100 (0.25)
29		0.0141 (0.36)	0.0172 (0.44)	0.0135 (0.34)	0.0113 (0.29)
28	1/64	0.0156 (0.41)	0.0187 (0.47)	0.0149 (0.38)	0.0126 (0.32)
27		0.0172 (0.43)	0.0202 (0.51)	0.0164 (0.42)	0.0142 (0.36)
26		0.0187 (0.48)	0.0217 (0.55)	0.0179 (0.45)	0.0159 (.40)
25		0.0219 (0.56)	0.0247 (0.63)	0.0209 (0.53)	0.0179 (0.46)
24		0.025 (0.64)	0.0276 (0.70)	0.0239 (0.61)	0.0201 (0.51)
23		0.0281 (0.71)	0.0306 (0.78)	0.0269 (0.68)	0.0226 (0.58)
22	1/32	0.0312 (0.79)	0.0336 (0.85)	0.0299 (0.76)	0.0253 (0.64)
21		0.0344 (0.86)	0.0366 (0.93)	0.0329 (0.84)	0.0285 (0.71)
20		0.0375 (0.95)	0.0396 (1.01)	0.0359 (0.91)	0.0320 (0.81)
19		0.0437 (1.1)	0.0456 (1.16)	0.0418 (1.06)	0.0359 (0.91)
18		0.0500 (1.27)	0.0516 (1.31)	0.0478 (1.21)	0.0403 (1.02)
17		0.0562 (1.4)	0.0575 (1.46)	0.0538 (1.37)	0.0453 (1.1)
16	1/16	0.0625 (1.59)	0.0635 (1.61)	0.0598 (1.52)	0.0508 (1.29)
15		0.0703 (1.8)	0.0710 (1.80)	0.0673 (1.71)	0.0571 (1.4)
14	5/64	0.0781 (1.98)	0.0785 (1.99)	0.0747 (1.90)	0.0641 (1.63)
13	3/32	0.094 (2.4)	0.0934 (2.37)	0.0897 (2.28)	0.072 (1.8)
12	7/64	0.1094 (2.78)	0.1084 (2.75)	0.1046 (2.66)	0.0808 (2.05)
11	1/8	0.1250 (3.18)	0.1233 (3.13)	0.1196 (3.04)	0.0907 (2.30)
10	9/64	0.1406 (3.57)	0.1382 (3.51)	0.1345 (3.42)	0.1019 (2.59)
9	5/32	0.1563 (3.97)	0.1532 (3.89)	0.1495 (3.80)	0.1144 (2.91)
8	11/64	0.1719 (4.37)	0.1681 (4.27)	0.1644 (4.18)	0.1285 (3.26)
7	3/16	0.1875 (4.76)		0.1793 (4.55)	0.1443 (3.67)
6	13/64	0.2031		0.1943 (4.94)	0.162 (4.1)
5	7/32	0.2187		0.2092 (5.31)	0.1819
4	15/64	0.2344		0.2242 (5.69)	0.2043
3	1/4	0.25		0.2391 (6.07)	0.2294

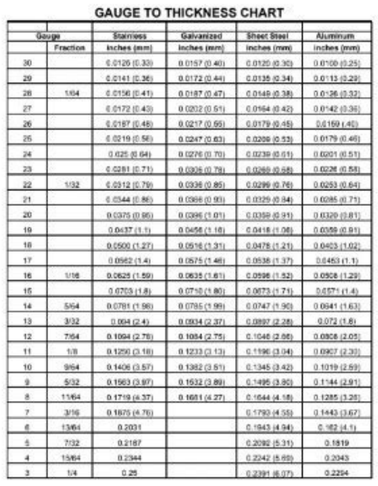
The aluminum knife is based on brown color and sharpness (American Wire Gage) and steel is based on the standard motor scale of the manufacturer.

GAUGE no.	Non-Ferrous Brown & Sharp			Steel Sheets		Strip & Tubing Birmingham or Stubs	
	lbs./Sq. ft. 1100,6061 Aluminum	Gauge Decimal (inches)	lbs./Sq. ft. Alloy 260 Brass	Gauge Decimal (inches)	lbs./Sq. ft. Steel Strip	Gauge Decimal (inches)	lbs./Sq. ft. Steel Strip
000000	-	.5800	-	-	-	-	-
00000	-	.5165	-	-	-	.500	20.40
0000	-	.4600	-	-	-	.454	18.52
000	-	.4096	-	-	-	.425	17.34
00	-	.3648	-	-	-	.380	15.50
0	-	.3249	-	-	-	.340	13.87
1	-	.2893	-	-	-	.300	12.24
2	-	.2576	-	-	-	.284	11.59
3	-	.2294	-	.2391	9.754	.259	10.57
4	-	.2043	-	.2242	9.146	.238	9.710
5	-	.1819	-	.2092	8.534	.220	8.975
6	2.286	.1620	7.185	.1943	7.926	.203	8.281
7	2.036	.1443	6.400	.1793	7.315	.180	7.343
8	1.813	.1285	5.699	.1644	6.707	.165	6.731
9	1.614	.1144	5.074	.1495	6.099	.148	6.038
10	1.438	.1019	4.520	.1345	5.487	.134	5.467
11	1.280	.0907	4.023	.1196	4.879	.120	4.895
12	1.140	.0808	3.584	.1046	4.267	.109	4.447
13	1.016	.0720	3.193	.0897	3.659	.095	3.876
14	.905	.0641	2.843	.0747	3.047	.083	3.386
15	.806	.0571	2.532	.0673	2.746	.072	2.937
16	.717	.0508	2.253	.0598	2.440	.065	2.652
17	.639	.0453	2.009	.0538	2.195	.058	2.366
18	.569	.0403	1.787	.0478	1.950	.049	1.999
19	.507	.0359	1.592	.0418	1.705	.042	1.713
20	.452	.0320	1.419	.0359	1.465	.035	1.428
21	.402	.0285	1.264	.0329	1.342	.032	1.305
22	.357	.0253	1.122	.0299	1.220	.028	1.142
23	.319	.0226	1.002	.0269	1.097	.025	1.020
24	.284	.0201	.892	.0239	.975	.022	.898
25	.253	.0179	.794	.0209	.853	.020	.816
26	.224	.0159	.705	.0179	.730	.018	.734
27	.200	.0142	.630	.0164	.669		

Bloodsteel in England is covered with another measuring system.



The measuring instruments were originally developed for wire towing, because there was no exact method for determining the average. The wires stretched thinner and thinner pierces and each cube got a number. When the forces appeared to pull thicker wires, new measured values had to be assigned. Because no. I have already been found, no. The game contained 0 (one something), 00 (two small), etc. Equipment for metal table measurements also came with a weight on a square foot. Table 1. Table of metal dimensions including meter and weight per square meter -mal -mm -mm -ms weight/ft2 aluminum 1/64 "0.015925" 0.0201 24.284 lb 0.402 1/32 0.03125 0.7231 mm 090.4 03937 1000 .0403 18 .0453 17.64 .046875 1.190 .0508 16.717 .0508 16.717 .057170 .0508 16.717. 0571717.0508 16.717.057171. 15, 806 1/16, 0625 1,587, 0641 14,905, 0720 13 1,078125 1,984, 0808 12 1,140. 3815 2 3815. 7/64.B'Heet Metal is available in different powers. Image source: Simonen/Shutterstock.com The sheet is generally measured in a gauge, which is a weight based on the thickness and the type of material. The figures vary depending on the type of material and increase with the thickness of the sheet (with the exception of the zinc sheet, which is not listed here). Here are paintings for aluminum, steel, stainless steel and galvanized steel thicknesses from 1/64 to 1/4 of thumb. The gauge numbers apply to both thicker and thinner parts, but these paintings cover the most common beaches. The graphics include fractional, decimal and metric sizes for reference. Aluminum readings are based on the Brown Sharpe scale (American Wire Gage) and steel on the manufacturer's standard reading scale. A different thickness system applies to the steel sheet in England. The tripling gauges were originally developed because a precise method of determining the diameter was not available. The sons were fired through successively thinner matrices and each matrix received a number. When the capacity to draw thickened wires has become available, new caliber numbers had to be allocated. Because not. 1 was already created, n ° 0 (a little), 00 (two points), etc. He came to play. Table thicknesses Table 1 summarizes the most common sheet thicknesses for aluminum, standard steel sheet, stainless steel and galvanized steel. The weight per square foot of the material is also indicated. Table 1 - Dimensions of the sheet including the thickness and weight at the square foot. Decimal mm thickness weight/pi2 aluminum 1/64 in 0.015925 in 0.0201 24,284 lbs. .402 1/32 .03125 .794mm.



GAUGE TO THICKNESS CHART

Gauge		Stainless	Galvanized	Sheet Steel	Aluminum
	Fraction	inches (mm)	inches (mm)	inches (mm)	inches (mm)
30		0.0125 (0.33)	0.0157 (0.40)	0.0120 (0.30)	0.0100 (0.25)
29		0.0141 (0.36)	0.0172 (0.44)	0.0135 (0.34)	0.0113 (0.29)
28	1/64	0.0156 (0.41)	0.0187 (0.47)	0.0149 (0.38)	0.0126 (0.32)
27		0.0172 (0.43)	0.0202 (0.51)	0.0164 (0.42)	0.0142 (0.36)
26		0.0187 (0.48)	0.0217 (0.55)	0.0179 (0.45)	0.0159 (.40)
25		0.0219 (0.56)	0.0247 (0.63)	0.0209 (0.53)	0.0179 (0.46)
24		0.025 (0.64)	0.0276 (0.70)	0.0239 (0.61)	0.0201 (0.51)
23		0.0281 (0.71)	0.0306 (0.78)	0.0269 (0.68)	0.0226 (0.58)
22	1/32	0.0312 (0.79)	0.0336 (0.85)	0.0299 (0.76)	0.0253 (0.64)
21		0.0344 (0.86)	0.0366 (0.93)	0.0329 (0.84)	0.0285 (0.71)
20		0.0375 (0.95)	0.0396 (1.01)	0.0359 (0.91)	0.0320 (0.81)
19		0.0437 (1.1)	0.0456 (1.16)	0.0418 (1.06)	0.0359 (0.91)
18		0.0500 (1.27)	0.0516 (1.31)	0.0478 (1.21)	0.0403 (1.02)
17		0.0562 (1.4)	0.0575 (1.46)	0.0538 (1.37)	0.0453 (1.1)
16	1/16	0.0625 (1.59)	0.0635 (1.61)	0.0598 (1.52)	0.0508 (1.29)
15		0.0703 (1.8)	0.0710 (1.80)	0.0673 (1.71)	0.0571 (1.4)
14	5/64	0.0781 (1.98)	0.0785 (1.99)	0.0747 (1.90)	0.0641 (1.63)
13	3/32	0.094 (2.4)	0.0934 (2.37)	0.0897 (2.28)	0.072 (1.8)
12	7/64	0.1094 (2.78)	0.1084 (2.75)	0.1046 (2.66)	0.0808 (2.05)
11	1/8	0.1250 (3.18)	0.1233 (3.13)	0.1196 (3.04)	0.0907 (2.30)
10	9/64	0.1406 (3.57)	0.1382 (3.51)	0.1345 (3.42)	0.1019 (2.59)
9	5/32	0.1563 (3.97)	0.1532 (3.89)	0.1495 (3.80)	0.1144 (2.91)
8	11/64	0.1719 (4.37)	0.1681 (4.27)	0.1644 (4.18)	0.1285 (3.26)
7	3/16	0.1875 (4.76)		0.1793 (4.55)	0.1443 (3.67)
6	13/64	0.2031		0.1943 (4.94)	0.162 (4.1)
5	7/32	0.2187		0.2092 (5.31)	0.1819
4	15/64	0.2344		0.2242 (5.69)	0.2043
3	1/4	0.25		0.2391 (6.07)	0.2294

33.900.0375 20 1,561.03937 1000. 0437 19 1,819 3/64. 7 13 3,899 3/32, 093 75 2 381, 094488 2 400, 098425 2 500 7/64, 109375 2 778, 1094 12 4 553 0.15/31801.
11 5,202 0,1406 10 5,851 0,1562 9 6 500 5/32 0,15625 3,968 0,15748 4,000 0,1719 8 7,154 3/16 0,1875 4,452 13/2031. .23622 6 000 1/4 .25 6,35 3 10,404 Galvanized steel .0142 31,579 1/64 .015625. 396.0157 30.640.015748.400. 0172 29 0.702 0.0187 28 0.763 0.0202 27 0.824 0.0271 26 0.855 0.023622 0.600 0.0247 25 1.008 5060275 0.824 0.855 26 0.0306 23 1.248 1/32. 0,0366 21 1,493 0,03937 1 000 0,0396 20 1 615 0,0456 19 1,860 3/64 0,046875 1,190 0,047244 0,047244 0,025 31,020 59055 1 500 1/16, 0625 1 596. 1 984. 0785 14 3 202. 07874 2 000.08661Possible supply sources or display the details of specific products. The other metal products you have heard of are not presented in this review.

Gauge Number	Nominal Decimal Range in Inches / mm	Nominal Decimal in Inches / mm	+ / - in Inches / mm
14	0.072" – 0.0829" 1.829 mm - 2.106 mm	0.0750" 1.905 mm	0.0040" 0.102 mm
15	0.065" – 0.0719" 1.651 mm - 1.826 mm	0.0680" 1.727 mm	0.0030" 0.076 mm
16	0.058" – 0.0649" 1.473 mm - 1.648 mm	0.0600" 1.524 mm	0.0030" 0.076 mm
17	0.046" – 0.0519" 1.168 mm – 1.318 mm	0.0550" 1.397 mm	0.0030" 0.076 mm
18	0.046"- 0.0519" 1.168 mm - 1.318 mm	0.0550" 1.397 mm	0.0030" 0.076 mm
19	0.040"– 0.0459" 1.016 mm - 1.166 mm	0.0480" 1.219 mm	0.0030" 0.076 mm
20	0.035" - 0.0399" 0.889 mm - 1.013 mm	0.0400" 1.016 mm	0.0030" 0.076 mm
21	0.032" – 0.0349" 0.813 mm - 0.886 mm	0.0360" 0.914 mm	0.0020" 0.051 mm
22	0.029" – 0.0319" 0.737 mm - 0.810	0.0320" 0.813 mm	0.0020" 0.051 mm
23	0.026" – 0.0289" 0.660 mm - 0.734 mm	0.0300" 0.762 mm	0.0020 0.051 mm
24	0.023" – 0.0259" 0.584 mm - 0.658 mm	0.0280" 0.711 mm	0.0020" 0.051 mm
25	0.020" – 0.0229" 0.508 mm - 0.582 mm	0.024" 0.610	0.0015" 0.038 mm
26	0.018" – 0.0199" 0.457 mm - 0.505 mm	0.020" 0.508 mm	0.0015" 0.038 mm
27	0.016" – 0.0179" 0.406 mm - 0.455 mm	0.018" 0.457 mm	0.0015" 0.038 mm
28	0.015" - 0.0159" 0.381 mm - 0.404 mm	0.016" 0.406 mm	0.0015" 0.038 mm
29	0.013" – 0.0149" 0.330 mm - 0.378 mm	0.015" 0.381 mm	0.0015" 0.038 mm
30	0.011" – 0.0129" 0.279 mm - 0.328 mm	0.013" 0.330 mm	0.0015" 0.038 mm
	0.005" – 0.0109" 0.127 mm - 0.277 mm	--	10%

revision.