

NEW SOURCE CORPORATION

SHEET METAL GAUGE CHARTS



SHEET METAL GAUGE

The term “gauge” is used to specify the thickness of sheet metal. Since the gauge number itself does not indicate a particular measurement, a gauge conversion chart should be used to determine the actual thickness by metal type in either inches or millimeters.



ALUMINUM



STAINLESS STEEL



COPPER



BRASS



GALVANIZED STEEL



CARBON STEEL

MATERIAL MATTERS

The type of metal is key when determining your measurements. For example, you’ll notice that a 16 gauge sheet of carbon steel has a different inch/mm thickness than a 16 gauge sheet of aluminum. Use the tables here to determine what metal gauge you need based on metal type.

ALUMINUM GAUGE CHART *

GAUGE #	INCHES	MILLIMETERS
7	.1443	3.665
8	.1285	3.264
9	.1144	2.906
10	.1019	2.588
11	.09074	2.305
12	.08081	2.053
14	.06408	1.628
16	.05082	1.291
18	.04030	1.024
20	.03196	.812
22	.02535	.644
24	.02010	.511
26	.01594	.405
28	.01264	.321
30	.01003	.255

STAINLESS STEEL GAUGE CHART *

GAUGE #	INCHES	MILLIMETERS
8	.17187	4.365
9	.15625	3.968
10	.14062	3.571
11	.125	3.175
12	.10937	2.778
14	.07812	1.984
16	.0625	1.587
18	.050	1.270
20	.0375	.9525
22	.03125	.7937
24	.025	.635
26	.01875	.476
28	.01562	.396
30	.0125	.3175

* Please note that actual thickness may vary due to tolerances.

COPPER GAUGE CHART*

GAUGE #	INCHES	MILLIMETERS
7	.180	4.572
8	.165	4.191
9	.148	3.759
10	.134	3.404
11	.120	3.048
12	.109	2.769
14	.083	2.108
16	.065	1.651
18	.049	1.245
20	.035	.889
22	.028	.711
24	.022	.559
26	.018	.457
28	.014	.356
30	.012	.305

BRASS GAUGE CHART*

GAUGE #	INCHES	MILLIMETERS
7	.1443	3.665
8	.1285	3.264
9	.1144	2.906
10	.1019	2.588
11	.09074	2.305
12	.08081	2.053
14	.06408	1.628
16	.05082	1.291
18	.04030	1.024
20	.03196	.812
22	.02535	.644
24	.02010	.511
26	.01594	.405
28	.01264	.321
30	.01003	.255

GALVANIZED STEEL GAUGE CHART*

GAUGE #	INCHES	MILLIMETERS
8	.1681	4.269
9	.1532	3.891
10	.1382	3.510
11	.1233	3.1318
12	.1084	2.753
14	.0785	1.9939
16	.0635	1.6129
18	.0516	1.310
20	.0396	1.005
22	.0336	.853
24	.0276	.701
26	.0217	.551
28	.0187	.474
30	.0157	.398

CARBON STEEL GAUGE CHART*

GAUGE #	INCHES	MILLIMETERS
7	.1793	4.554
8	.1644	4.175
9	.1495	3.797
10	.1345	3.416
11	.1196	3.038
12	.1046	2.656
14	.0747	1.897
16	.0598	1.518
18	.0478	1.214
20	.0359	.911
22	.0299	.759
24	.0239	.607
26	.0179	.454
28	.0149	.378

* Please note that actual thickness may vary due to tolerances.

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