



RELIABLE SOURCE INC.

GAUGE REFERENCES

All dimensions are in inches.



**Custom.
Cost-effective.
Service.**

Reliable Source Inc.
11109 Jasmine St.
Fontana, CA 92337, USA

P: 909.357.1211 | F: 909.357.1311
info@rsmetals.us

HOT ROLLED STEEL SHEETS (+P&O)

GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	LBS/ SQ FT
4	.2242	.2332 .2152	9.375
5	.2092	.2182 .2002	8.750
6	.1943	.2033 .1853	8.125
7	.1793	.1873 .1713	7.500
8	.1644	.1724 .1564	6.875
9	.1495	.1575 .1415	6.250
10	.1345	.1425 .1265	5.625
11	.1196	.1276 .1116	5.000
12	.1046	.1126 .0966	4.375
13	.0897	.0967 .0827	3.750
14	.0747	.0817 .0677	3.125
15	.0673	.0733 .0613	2.812
16	.0598	.0658 .0538	2.500
17	.0538	.0598 .0478	2.250
18	.0478	.0528 .0428	2.000

HOT ROLLED PLATES

GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	LBS/ SQ FT
3/16	.1875	.1810 .1960	7.843
1/4	.2500	.2380 .2560	10.46
5/16	.3125	.3010 .3190	13.07
3/8	.3750	.3630 .3840	15.69
7/16	.4375	.4330 .4550	18.30
1/2	.5000	.4880 .5100	20.91
5/8	.6250	.6130 .6370	26.14
3/4	.7500	.7450 .7710	31.37

COLD ROLLED STEEL SHEETS

GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	LBS/ SQ FT
7	.1793	.1883 .1703	7.500
8	.1644	.1734 .1554	6.875
9	.1495	.1585 .1405	6.250
10	.1345	.1405 .1285	5.625
11	.1196	.1256 .1135	5.000
12	.1046	.1106 .0986	4.375
13	.0897	.0967 .0827	3.750
14	.0747	.0797 .0697	3.125
15	.0673	.0723 .0623	2.812
16	.0598	.0648 .0548	2.500
17	.0538	.0548 .0498	2.250
18	.0478	.0518 .0438	2.000
19	.0418	.0458 .0378	1.750
20	.0359	.0389 .0329	1.500
21	.0329	.0359 .0299	1.375
22	.0299	.0329 .0269	1.250
23	.0269	.0299 .0239	1.125
24	.0239	.0269 .0209	1.000
25	.0209	.0239 .0179	.875
26	.0179	.0199 .0159	.750
27	.0164	.0184 .0144	.688
28	.0149	.0169 .0129	.625
29	.0135	.0155 .0115	.562
30	.0120	.0130 .0110	.500

GALVANIZED STEEL SHEETS

GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	LBS/ SQ FT
10	.1382	.1472 .1292	5.781
11	.1233	.1323 .1143	5.156
12	.1084	.1174 .0994	4.531
13	.0934	.1014 .0854	3.906
14	.0785	.0865 .0705	3.281
15	.0710	.0770 .0650	2.968
16	.0635	.0695 .0575	2.656
17	.0575	.0625 .0525	2.406
18	.0516	.0566 .0466	2.156
19	.0456	.0506 .0406	1.906
20	.0396	.0436 .0356	1.656
21	.0366	.0406 .0326	1.531
22	.0336	.0376 .0296	1.406
23	.0306	.0346 .0266	1.281
24	.0276	.0316 .0236	1.156
25	.0247	.0287 .0207	1.031
26	.0217	.0247 .0187	.906
27	.0202	.0232 .0172	.843
28	.0187	.0217 .0157	.781
29	.0172	.0202 .0142	.718
30	.0157	.0187 .0127	.656

HOT ROLLED STAINLESS STEEL

GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	LBS/ SQ FT
3/16	.1875	.1775 .2075	7.875
1/4	.2500	.2400 .2720	10.50
5/16	.3125	.3025 .3425	13.12
3/8	.3750	.3650 .4050	15.75

COLD ROLLED STAINLESS STEEL

GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	LBS/ SQ FT
7	.1875	.1805 .1945	7.875
10	.1350	.1290 .1410	5.670
11	.1200	.1150 .1250	5.040
12	.1050	.1000 .1100	4.410
13	.0900	.0860 .0940	3.780
14	.0750	.0710 .0790	3.150
16	.0600	.0570 .0630	2.520
18	.0480	.0450 .0510	2.016
20	.0350	.0340 .0380	1.474
22	.0300	.0280 .0320	1.260
24	.0240	.0225 .0255	1.008
26	.0180	.0165 .0195	0.756
28	.0160	.0135 .0165	0.672

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STEEL & STAINLESS TUBE					
GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE
4	.2380	.2142 .2618	29	.0130	.0117 .0143
5	.2200	.1980 .2420	30	.0120	.0108 .0132
6	.2030	.1827 .2233	31	.0100	.0090 .0110
7	.1800	.1620 .1980	32	.0090	.0081 .0099
8	.1650	.1485 .1815	33	.0080	.0072 .0088
9	.1480	.1332 .1628	34	.0070	.0063 .0077
10	.1340	.1206 .1474	35	.0050	.0045 .0055
11	.1200	.1080 .1320	36	.0040	.0036 .0044
12	.1090	.0981 .1199			
13	.0950	.0855 .1045			
14	.0830	.0747 .0913			
15	.0720	.0648 .0792			
16	.0650	.0585 .0715			
17	.0580	.0522 .0638			
18	.0490	.0441 .0539			
19	.0420	.0378 .0462			
20	.0350	.0315 .0385			
21	.0320	.0288 .0352			
22	.0280	.0252 .0308			
23	.0250	.0225 .0275			
24	.0220	.0198 .0242			
25	.0200	.0180 .0220			
26	.0180	.0162 .0198			
27	.0160	.0144 .0176			
28	.0140	.0126 .0154			

STEEL WIRE GAUGE			
GAUGE NO.	DECIMAL EQUIV.	GAUGE NO.	DECIMAL EQUIV.
7x0	.4900	19	.0410
6x0	.4615	20	.0348
5x0	.4305	21	.0317
4x0	.3938	22	.0286
3x0	.3625	23	.0258
2x0	.3310	24	.0230
0	.3065	25	.0204
1	.2830	26	.0181
2	.2625	27	.0173
3	.2437	28	.0162
4	.2253	29	.0150
5	.2070	30	.0140
6	.1920	31	.0132
7	.1770	32	.0128
8	.1620	33	.0118
9	.1483	34	.0104
10	.1350	35	.0095
11	.1205	36	.0090
12	.1055	37	.0085
13	.0915	38	.0080
14	.0800	39	.0075
15	.0720	40	.0070
16	.0625		
17	.0540		
18	.0475		

BIRMINGHAM WIRE GAUGE			
GAUGE NO.	DECIMAL EQUIV.	GAUGE NO.	DECIMAL EQUIV.
7x0	—	19	.0420
6x0	—	20	.0350
5x0	.5000	21	.0320
4-0's	.4540	22	.0280
3x0	.4250	23	.0250
2x0	.3800	24	.0220
0	.3400	25	.0200
1	.3000	26	.0180
2	.2840	27	.0160
3	.2590	28	.0140
4	.2380	29	.0130
5	.2200	30	.0120
6	.2030	31	.0100
7	.1800	32	.0090
8	.1650	33	.0080
9	.1480	34	.0070
10	.1340	35	.0050
11	.1200	36	.0040
12	.1090	37	—
13	.0950	38	—
14	.0830	39	—
15	.0720	40	—
16	.0650		
17	.0580		
18	.0490		

AMERICAN WIRE GAUGE			
GAUGE NO.	DECIMAL EQUIV.	GAUGE NO.	DECIMAL EQUIV.
7x0	—	19	.0359
6x0	.5800	20	.0320
5x0	.5165	21	.0285
4x0	.4600	22	.0253
3x0	.4096	23	.0226
2x0	.3648	24	.0201
0	.3249	25	.0179
1	.2893	26	.0159
2	.2576	27	.0142
3	.2294	28	.0126
4	.2043	29	.0113
5	.1819	30	.0100
6	.1620	31	.0089
7	.1443	32	.0079
8	.1285	33	.0070
9	.1144	34	.0063
10	.1019	35	.0056
11	.0907	36	.0050
12	.0808	37	.0044
13	.0720	38	.0039
14	.0641	39	.0035
15	.0571	40	.0031
16	.0508		
17	.0453		
18	.0403		

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LEAD THICKNESS CHART			
REFER NO.	FRACTION EQUIV.	DECIMAL EQUIV.	LBS/ SF
1	1/64	.0156	1.000
2	1/32	.0313	2.000
2 ½	1/24	.0420	2.500
3	3/64	.0470	3.000
4	1/16	.0625	4.000
5	5/64	.0780	5.000
6	3/32	.0940	6.000
8	1/8	.1250	8.000
10	5/32	.1562	10.00
12	3/16	.1875	12.00
16	1/4	.2500	16.00
24	3/8	.3750	24.00
30	1/2	.5000	30.00
46	3/4	.7500	46.00
60	1	1.000	60.00
90	1-1/2	1.500	90.00
120	2	2.000	120.0

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