

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

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HOT ROI	LLED STE	EL SHEETS	S (+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

ŀ	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					

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

COLD ROLLED STEEL SHEETS

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

GALVANIZED STEEL SHEETS

TOLER.

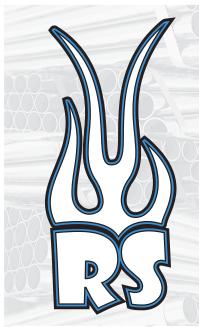
DECIMAL

EQUIV.

HOT R	HOT ROLLED STAINLESS STEEL								
GAUGE NO.	DECIMAL EQUIV.								
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 ST	TAINLESS	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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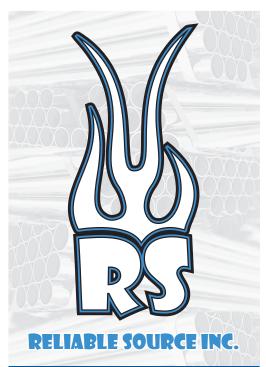
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	STEEL & STAINLESS TUBE			STEEL WIRE GAUGE			BIRMINGHAM WIRE GAUGE			AMERICAN WIRE GAUGE							
GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	GAUGE NO.	DECIMAL EQUIV.	TOLER. RANGE	GAUGE NO.	DECIMAL EQUIV.	GAUGE NO.	DECIMAL EQUIV.	GAUGI NO.	DECIMAL EQUIV.	GAUGE NO.	DECIMAL EQUIV.	GAUGE NO.	DECIMAL EQUIV.	GAUGE NO.	DECIMAL EQUIV.
4	.2380	.2142 .2618	29	.0130	.0117 .0143	7x0	.4900	19	.0410	7x0	-	19	.0420	7x0	-	19	.0359
5	.2200	.1980 .2420	30	.0120	.0108 .0132	6x0	.4615	20	.0348	6x0	-	20	.0350	6x0	.5800	20	.0320
6	.2030	.1827 .2233	31	.0100	.0090 .0110	5x0	.4305	21	.0317	5x0	.5000	21	.0320	5x0	.5165	21	.0285
7	.1800	.1620 .1980	32	.0090	.0081	4x0	.3938	22	.0286	4-0's	.4540	22	.0280	4x0	.4600	22	.0253
8	.1650	.1485 .1815	33	.0080	.0072 .0088	3x0	.3625	23	.0258	3x0	.4250	23	.0250	3×0	.4096	23	.0226
9	.1480	.1332 .1628	34	.0070	.0063 .0077	2x0	.3310	24	.0230	2x0	.3800	24	.0220	2x0	.3648	24	.0201
10	.1340	.1206 .1474	35	.0050	.0045 .0055	0	.3065	25	.0204	0	.3400	25	.0200	0	.3249	25	.0179
11	.1200	.1080 .1320	36	.0040	.0036 .0044	1	.2830	26	.0181	1	.3000	26	.0180	1	.2893	26	.0159
12	.1090	.0981 .1199				2	.2625	27	.0173	2	.2840	27	.0160	2	.2576	27	.0142
13	.0950	.0855 .1045				3	.2437	28	.0162	3	.2590	28	.0140	3	.2294	28	.0126
14	.0830	.0747 .0913				4	.2253	29	.0150	4	.2380	29	.0130	4	.2043	29	.0113
15	.0720	.0648 .0792				5	.2070	30	.0140	5	.2200	30	.0120	5	.1819	30	.0100
16	.0650	.0585 .0715				6	.1920	31	.0132	6	.2030	31	.0100	6	.1620	31	.0089
17	.0580	.0522 .0638				7	.1770	32	.0128	7	.1800	32	.0090	7	.1443	32	.0079
18	.0490	.0441 .0539				8	.1620	33	.0118	8	.1650	33	.0080	8	.1285	33	.0070
19	.0420	.0378 .0462				9	.1483	34	.0104	9	.1480	34	.0070	9	.1144	34	.0063
20	.0350	.0315 .0385				10	.1350	35	.0095	10	.1340	35	.0050	10	.1019	35	.0056
21	.0320	.0288 .0352				11	.1205	36	.0090	11	.1200	36	.0040	11	.0907	36	.0050
22	.0280	.0252 .0308				12	.1055	37	.0085	12	.1090	37	-	12	.0808	37	.0044
23	.0250	.0225 .0275				13	.0915	38	.0080	13	.0950	38	-	13	.0720	38	.0039
24	.0220	.0198 .0242				14	.0800	39	.0075	14	.0830	39	-	14	.0641	39	.0035
25	.0200	.0180 .0220				15	.0720	40	.0070	15	.0720	40	-	15	.0571	40	.0031
26	.0180	.0162 .0198				16	.0625			16	.0650			16	.0508		
27	.0160	.0144 .0176				17	.0540			17	.0580			17	.0453		
28	.0140	.0126 .0154				18	.0475			18	.0490			18	.0403		
		.0154											,,	18		5,	

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LE	AD THICK	NESS CHA	RT		
REFER NO.	FRACTION EQUIV.	DECIMAL EQUIV.	LBS/ SF		
1	1/64	.0156	1.000		
2	1/32	.0313	2.000		
2 1/2	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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