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CONVERSION CHART

CARBON STEEL SHEETS

AISI Thickness Tolerance Ranges

Gauge No.	Dec. Equiv. Inches/ MM	Tolerances Range Inches H.R & P. &O.	Tolerances Range Inches C.R	Tolerances Range Millimeters H.R & P. &O.	Tolerances Range Millimeters C.R	Weight Equiv. Lbs. sq. ft./ Kg. sq. met.	Gauge No.	Dec. Equiv. Inches/ MM	Tolerances Range Inches	Tolerances Range MM	Weight Equiv. Lbs. sq. ft./ Kg. sq. met.
4	.2242	.2332		5.923		9.375	19	.0418	.0458	1.163	1.750
	5.695	.2152		5.466		45.772		1.062	.0378	.960	8.544
5	.2092	.2182		5.542		8.750	20	.0359	.0389	.988	1.500
	5.314	.2002		5.085		42.721		.912	.0329	.836	7.324
6	.1943	.2033		5.164		8.125	21	.0329	.0359	.912	1.375
	4.935	.1853		4.707		39.669		.836	.0299	.759	6.713
7	.1793	.1873	.1883	4.757	4.783	7.500	22	.0299	.0329	.836	1.250
	4.554	.1713	.1703	4.351	4.326	36.618		.759	.0269	.683	6.103
8	.1644	.1724	.1734	4.379	4.404	6.875	23	.0269	.0299	.759	1.125
	4.176	.1564	.1554	3.973	3.947	33.566		.683	.0239	.607	5.493
9	.1495	.1575	.1585	4.001	4.026	6.250	24	.0239	.0269	.683	1.000
	3.797	.1415	.1405	3.594	3.569	30.515		.607	.0209	.531	4.882
10	.1345	.1425	.1405	3.620	3.569	5.625	25	.0209	.0239	.607	.875
	3.416	.1265	.1285	3.213	3.264	27.463		.531	.0179	.455	4.272
11	.1196	.1276	.1256	3.241	3.190	5.000	26	.0179	.0199	.505	.750
	3.038	.1116	.1136	2.835	2.885	24.412		.455	.0159	.404	3.662
12	.1046	.1126	.1106	2.860	2.809	4.375	27	.0164	.0184	.467	.688
	2.657	.0966	.0986	2.454	2.504	21.360		.417	.0144	.366	3.359
13	.0897	.0967	.0947	2.456	2.405	3.750	28	.0149	.0169	.429	.625
	2.278	.0827	.0847	2.101	2.151	18.309		.378	.0129	.328	3.051
14	.0747	.0817	.0797	2.075	2.024	3.125	29	.0135	.0155	.394	.562
	1.897	.0677	.0697	1.720	1.770	15.257		.343	.0115	.292	2.744
15	.0673	.0733	.0723	1.862	1.836	2.812	30	.0120	.0130	.330	.500
	1.709	.0613	.0623	1.557	1.582	13.729		.305	.0110	.279	2.441
16	.0598	.0658	.0648	1.671	1.646	2.500					
	1.519	.0538	.0548	1.367	1.392	12.206					
17	.0538	.0598	.0548	1.519	1.392	2.250					
	1.367	.0478	.0498	1.214	1.265	10.985					
18	.0478	.0528	.0518	1.341	1.316	2.000					
	1.214	.0428	.0438	1.087	1.113	9.765					

GALVANIZED AND ALUMINIZED

AISI Thickness Tolerance Ranges

Gauge No.	Dec. Equiv. Inches/ MM	Tolerances Range		Weight Equiv.	Gauge No.	Dec. Equiv. Inches/ MM	Tolerances Range		Weight Equiv.
		Inches	MM	Lbs. sq. ft./ Kg. sq. met.			Inches	MM	Lbs. sq. ft./ Kg. sq. met.
10	.1382	.1472	3.739	5.78125	21	.0366	.0406	1.031	1.53125
	3.510	.1292	3.282	28.226		.930	.0326	.828	7.476
11	.1233	.1323	3.360	5.15625	22	.0336	.0376	.955	1.40625
	3.132	.1143	2.903	25.175		.853	.0296	.752	6.866
12	.1084	.1174	2.982	4.53125	23	.0306	.0346	.879	1.28125
	2.753	.0994	2.525	22.123		.777	.0266	.676	6.256
13	.0934	.1014	2.576	3.90625	24	.0276	.0316	.803	1.15625
	2.372	.0854	2.169	19.072		.701	.0236	.599	5.645
14	.0785	.0865	2.197	3.28125	25	.0247	.0287	.729	1.03125
	1.994	.0705	1.791	16.020		.627	.0207	.526	5.035
15	.0710	.0770	1.956	2.96875	26	.0217	.0247	.627	.90625
	1.803	.0650	1.651	14.495		.551	.0187	.475	4.425
16	.0635	.0695	1.765	2.65625	27	.0202	.0232	.589	.84375
	1.613	.0575	1.461	12.969		.513	.0172	.437	4.120
17	.0575	.0625	1.588	2.40625	28	.0187	.0217	.551	.78125
	1.461	.0525	1.334	11.748		.475	.0157	.399	3.814
18	.0516	.0566	1.438	2.15625	29	.0172	.0202	.513	.71875
	1.311	.0466	1.184	10.528		.437	.0142	.361	3.509
19	.0456	.0506	1.285	1.90625	30	.0157	.0187	.475	.65625
	1.158	.0406	1.031	9.307		.399	.0127	.323	3.204
20	.0396	.0436	1.107	1.65625					
	1.006	.0356	.904	8.086					

PLATES – TABLE OF EVEN GAUGES

Inch Gauge	Dec. Equiv. Inches	Dec. Equiv. MM	Weight Equiv.		Inch Gauge	Dec. Equiv. Inches	Dec. Equiv. MM	Weight Equiv.	
			Lbs. per sq. ft.	Kg. per sq. met.				Lbs. per sq. ft.	Kg per sq. met.
3/16	.1875	4.763	7.650	37.350	3/4	.7500	19.050	30.600	149.401
7/32	.2188	5.556	8.925	43.575	13/16	.8125	20.638	33.150	161.851
1/4	.2500	6.350	10.200	49.800	7/8	.8750	22.225	35.700	174.302
9/32	.2813	7.144	11.475	56.026	15/16	.9375	23.813	38.250	186.752
5/16	.3125	7.938	12.750	62.251	1	1.0000	25.400	40.800	199.202
11/32	.3438	8.731	14.025	68.476	1-1/16	1.0624	26.985	43.350	211.652
3/8	.3750	9.525	15.300	74.701	1-1/8	1.1250	28.575	45.900	224.102
13/32	.4063	10.319	16.575	80.926	1-3/16	1.1875	30.163	48.450	236.552
7/16	.4375	11.113	17.850	87.151	1-1/4	1.2500	31.750	51.000	249.002
15/32	.4688	11.906	19.125	93.376	1-5/16	1.3125	33.338	53.550	261.452
1/2	.5000	12.700	20.400	99.601	1-3/8	1.3750	34.925	56.100	273.902
9/16	.5625	14.288	22.950	112.051	1-7/16	1.4375	36.513	58.650	286.353
5/8	.6250	15.875	25.500	124.501	1-1/2	1.500	38.100	61.200	298.803
11/16	.6875	17.463	28.050	136.951					