

# ASTM-AISI THICKNESS TOLERANCE RANGES

## CARBON STEEL SHEETS

HOT ROLLED • H R P & O • COLD ROLLED

GAGE NO.	THICKNESS, INCHES			LBS. PER SQ. FT.
	DEC. EQUIV.	TOLER., RANGE		
		H R & P & O	CR	WEIGHT EQUIV.
4	.2242	.2332 .2152		9.375
5	.2092	.2182 .2002		8.75
6	.1943	.2033 .1853		8.125
7	.1793	.1873 .1713	.1883 .1703	7.5
8	.1644	.1724 .1564	.1734 .1554	6.875
9	.1495	.1575 .1415	.1585 .1405	6.25
10	.1345	.1425 .1265	.1405 .1285	5.625
11	.1196	.1276 .1116	.1256 .1136	5.0
12	.1046	.1126 .0966	.1106 .0986	4.375
13	.0897	.0967 .0827	.0947 .0847	3.75
14	.0747	.0817 .0677	.0797 .0697	3.125
15	.0673	.0733 .0613	.0723 .0623	2.812
16	.0598	.0658 .0538	.0648 .0548	2.5
17	.0538	.0598 .0478	.0548 .0498	2.25
18	.0478	.0528 .0428	.0518 .0438	2.0
19	.0418		.0458 .0378	1.75
20	.0359		.0389 .0329	1.5
21	.0329		.0359 .0299	1.375
22	.0299		.0329 .0269	1.25
23	.0269		.0299 .0239	1.125
24	.0239		.0269 .0209	1.0
25	.0209		.0239 .0179	.875
26	.0179		.0199 .0159	.75
27	.0164		.0184 .0144	.688
28	.0149		.0169 .0129	.625
29	.0135		.0155 .0115	.562
30	.0120		.0130 .0110	.50

## GALVANIZED STEEL SHEETS

GAGE NO.	THICKNESS, INCHES		LBS. PER SQ. FT.
	DEC. EQUIV.	TOLER., RANGE	
			WEIGHT EQUIV.
10	.1382	.1472 .1292	5.78125
11	.1233	.1323 .1143	5.15625
12	.1084	.1174 .0994	4.53125
13	.0934	.1014 .0854	3.90625
14	.0785	.0865 .0705	3.28125
15	.0710	.0770 .0650	2.96875
16	.0635	.0695 .0575	2.65625
17	.0575	.0625 .0525	2.40625
18	.0516	.0566 .0466	2.15625
19	.0456	.0506 .0406	1.90625
20	.0396	.0436 .0356	1.65625
21	.0366	.0406 .0326	1.53125
22	.0336	.0376 .0296	1.40625
23	.0306	.0346 .0266	1.28125
24	.0276	.0316 .0236	1.15625
25	.0247	.0287 .0207	1.03125
26	.0217	.0247 .0187	.90625
27	.0202	.0232 .0172	.84375
28	.0187	.0217 .0157	.78125
29	.0172	.0202 .0142	.71875
30	.0157	.0187 .0127	.65625

### Various ASTM Specs for Steel Sheets

- A366** Cold Rolled Commercial Quality
- A569** Hot Rolled Commercial Quality
- A570** Hot Rolled Structural Quality
- A526** Zinc Coated (Galvanized) Steel
- A526/A527** Galvanneal
- A591** Electrolytically Zinc Plated