

AJAX METAL FORMING MATERIAL GAUGE CHART

GAUGE	HOT ROLLED/HR P&O/COLD ROLLED				GALVANIZED			STAINLESS STEEL			COPPER/BRASS			ALUMINUM		
	Decimal Equivalent	Tolerance Range HR/HR CR		LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.	Decimal Equivalent	Tolerance Range	LBS. PER SQ. FT.
4	0.2242	.2332 .2152		9.375							0.375	0.362 0.388	17.388	0.1900	.1970 .1830	2.690
5	0.2092	.2182 .2002		8.750							0.25	0.238 0.262	11.5919	0.1600	.1670 .1530	2.250
6	0.1943	.2033 .1853		8.125							0.187	0.179 0.195	8.6708	0.1250	.1285 .1215	1.760
7	0.1793	.1873 .1713	.1873 .1713	7.500				0.1874	.1944 .1804	7.871	0.125	0.118 0.132	5.7959	0.1000	.1035 .0965	1.410
8	0.1644	.1724 .1564	.1724 .1564	6.875	0.1681	.1771 .1591	7.031	0.165	.1720 .1580	6.93	0.093	0.083 0.097	4.3122	0.0900	.0935 .0865	1.270
9	0.1495	.1575 .1415	.1575 .1415	6.250	0.1532	.1622 .1442	6.406				0.08	0.073 0.087	4.034	0.0800	.0835 .0765	1.130
10	0.1345	.1425 .1265	.1405 .1285	5.625	0.1382	.1472 .1292	5.781	0.135	.1410 .1290	5.67	0.063	0.054 0.066	2.9211	0.0710	.0740 .0680	1.000
11	0.1196	.1276 .1116	.1256 .1136	5.000	0.1233	.1323 .1143	5.156	0.12	.1250 .1150	5.04				0.0630	.0660 .0600	0.889
12	0.1046	.1126 .0966	.1106 .0986	4.375	0.1084	.1174 .0994	4.531	0.1054	.1104 .1004	4.41				0.0500	.0530 .0470	0.706
13	0.0897	.0967 .0827	.0947 .0847	3.750	0.0934	.1014 .0854	3.906	0.09	.0940 .0860	3.78				0.0400	.0420 .0380	0.564
14	0.0747	.0817 .0677	.0797 .0697	3.125	0.0785	.0865 .0705	3.281	0.0751	.0791 .0711	3.154				0.0320	.0340 .0300	0.452
15	0.0673	.0733 .0613	.0723 .0623	2.813	0.071	.0770 .0650	2.969							0.0250	.0275 .0225	0.353
16	0.0598	.0658 .0538	.0648 .0548	2.500	0.0635	.0695 .0575	2.656	0.0595	.0625 .0565	2.499				0.0200	.0225 .0175	0.282
17	0.0538	.0598 .0478	.0578 .0498	2.250	0.0575	.0625 .0525	2.406							0.0160	.0185 .0135	0.225
18	0.0478	.0528 .0428	.0518 .0438	2.000	0.0516	.0566 .0466	2.156	0.048	.0510 .0450	2.016						
19	0.0418		.0458 .0378	1.750	0.0456	.0506 .0406	1.906	0.042	.0450 .0390	1.764						
20	0.0359		.0389 .0329	1.500	0.0396	.0436 .0356	1.656	0.0355	.0375 .0335	1.491						
21	0.0329		.0359 .0299	1.375	0.0366	.0406 .0326	1.531									
22	0.0299		.0329 .0269	1.250	0.0336	.0376 .0296	1.406	0.0293	.0313 .0273	1.231						
23	0.0269		.0299 .0239	1.125	0.0306	.0346 .0266	1.281									
24	0.0239		.0269 .0209	1.000	0.0276	.0316 .0236	1.156	0.0235	.0250 .0220	0.987						
25	0.0209		.0239 .0179	0.875	0.0247	.0287 .0207	1.031									
26	0.0179		.0199 .0159	0.750	0.0217	.0247 .0187	0.906	0.0178	.0193 .0163	0.748						
27	0.0164		.0184 .0144	0.688	0.0202	.0232 .0172	0.844									
28	0.0149		.0169 .0129	0.625	0.0187	.0217 .0157	0.781	0.0151	.0166 .0136	0.634						
29					0.0172	.0202 .0142	0.719									
30					0.0157	.0187 .0127	0.656									

Weights are based on 1100, 5005, and 6061 alloys. Multiply weights by the following factors:

Alloy	Factor
3003	1.01
2024	1.02
5052	.099
7075	1.03