

GRADES STOCKED

SPECIFICATIONS		SPECIFICATIONS	
CF 2011 T-3	QQA-225/3, AMS-QQA-225/3, ASTM-B-211	CF 6262 T-9	QQA-225/10, AMS-QQA-225/10, ASTM-B-211
CF 2024 T-4	QQA-225/6, AMS-QQA-225/6, ASTM- B-211, AMS-4120	EXT 6262 T-6511	ASTM-B-221
CF 2024 T-351	QQA-225/6, AMS-QQA-225/6, ASTM-B-211, AMS-4120	CF 7075 T-6	QQA-225/9, AMS-QQA-225/9, ASTM-B-211, AMS-4122
CF 2024 T-851	QQA-225/6, AMS-QQA-225/6, ASTM-B-211, AMS-4339	CF 7075 T-651	QQA-225/9, AMS-QQA-225/9, ASTM-B-211, AMS-4123
EXT 2024 T-3	QQA-200/3, AMS-QQA-200/3, ASTM-B-221, AMS-4152	EXT 7075 T-6	QQA-200/11, AMS-QQA-200/11, ASTM-B-211, AMS-4154
EXT 2024 T-3511	QQA-200/3, AMS-QQA-200/3, ASTM-B-221, AMS-4165	EXT 7075 T-6511	QQA-200/11, AMS-QQA-200/11, ASTM-B-221, AMS-4169
CF-6061 T-6	QQA-225/8, AMS-QQA-225/8, ASTM-B-211, AMS-4117	CF 7075 T-73	QQA-225/9, AMS-QQA-225/9, CHEMS ONLY TO FOLLOWING: ASTM-B-211, AMS-4122
CF-6061 T-651	QQA-225/8, AMS-QQA-225/8, ASTM-B-211, AMS-4117	CF 7075 T-7351	QQA-225/9, AMS-QQA-225/9, CHEMS ONLY TO FOLLOWING: ASTM-B-211, AMS-4124
EXT 6061 T-6	AMS-QQA-200/8, QQA-200/8, AMS-4150, ASTM-B-221	EXT 7075 T-73511	QQA-200/11, AMS-QQA-200/11, ASTM-B-221, AMS-4167
EXT 6061 T-6511	AMS-QQA-200/8, QQA-200/8, ASTM-B-221, AMS-4173		

Aluminum Chemistry

Maximum Unless Indicated										
Grade	Si	Fe	Cu	Mg	Mn	Cr	Zn	Ti	Al	Others
2011	.40	0.7	5.0/6.0				.30		Bal.	Bi .2/.6 Pb .2/.6
2024	.50	.50	3.8/4.9	1.2/1.8	.30/.90	.10	.25	.15	Bal.	
6061	.40/.80	0.7	.15/.40	.8/1.2	.15	.04/.35	.25	.15	Bal.	
6262	.40/.80	0.7	.15/.40	.8/1.2	.15	.04/.14	.25	.15	Bal.	Bi .4/.7 Pb .4/.7
7075	.40	.50	1.2/2.0	2.1/2.9	.30	.18/.28	5.1/6.1	.20	Bal.	Ti + Zn .25

The above chart is a compilation of Aerospace, ASTM, Federal specifications.
 It is for reference only and should not be used for design or specifications.

MACHINABILITY RATINGS ALUMINUM

GRADE	APPROXIMATE SURF. FT.	% RELATIVE SPEED BASED ON 2011 AS 100%
2011	-	100
2024	-	90
6061	-	70-80
6262	-	100
7075	-	75-85

These machinability ratios must be recognized as approximate values.

EXTRUDED ALUMINUM

ROUNDS STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR	
1/4"	6061	T6511	.0570	.694	1-3/16"	6061 6262	T6511 T6511	1.302 1.300	15.624 15.600	
5/16"	6061	T6511	.0900	1.084	1-1/4"	2024	T3511	1.474	17.688	
3/8"	2024	T3511	.1328	1.594		6061	T6511	1.442	17.309	
	6061	T6511	.1300	1.560		6262	T6511	1.442	17.304	
7/16"	6061	T6511	.1770	2.124		7075	T6511	1.486	17.839	
1/2"	2024	T3511	.2360	2.832	7075	T73511	1.486	17.839		
	6061	T6511	.2308	2.770	1-5/16"	6061	T6511	1.590	19.084	
	6262	T6511	.2306	2.767	6262	T6511	1.588	19.056		
	7075	T6511	.2379	2.855	1-3/8"	2024	T3511	1.840	22.080	
7075	T73511	.2379	2.855	6061		T6511	1.745	20.944		
9/16"	2024	T3511	.2985	3.582		6262	T6511	1.745	20.940	
	6061	T6511	.2921	3.505	7075	T6511	1.800	20.944		
	6262	T6511	.2919	3.503	1-7/16"	2024	T3511	1.950	23.400	
	7075	T6511	.2985	3.582		6061	T6511	1.908	22.896	
5/8"	2024	T3511	.3685	4.422		6262	T6511	1.905	22.860	
	6061	T6511	.3606	4.327	1-1/2"	2024	T3511	2.123	25.476	
	6262	T6511	.3604	4.325		6061	T6511	2.077	24.925	
	7075	T6511	.3684	4.421		6262	T6511	2.076	24.912	
7075	T73511	.3684	4.421	7075		T6511	2.140	25.688		
11/16"	2024	T3511	.4459	5.351	7075	T73511	2.140	25.688		
	6061	T6511	.4369	5.243	1-9/16"	6061	T6511	2.253	27.046	
	6262	T6511	.4361	5.233	6262	T6511	2.250	27.000		
	7075	T6511	.4369	5.243	1-5/8"	2024	T3511	2.560	30.720	
3/4"	2024	T3511	.5307	6.368		6061	T6511	2.437	29.252	
	6061	T6511	.5193	6.232		6262	T6511	2.435	29.220	
	6262	T6511	.5190	6.228		7075	T6511	2.510	29.252	
	7075	T6511	.5355	6.426	1-11/16"	6061	T6511	2.633	31.596	
7075	T73511	.5355	6.426	6262		T6511	2.625	31.500		
13/16"	2024	T3511	.6229	7.475	1-3/4"	2024	T3511	2.889	34.668	
	6061	T6511	.6104	7.325		6061	T6511	2.827	33.926	
	6262	T6511	.6091	7.309		6262	T6511	2.826	33.912	
	7075	T6511	.6103	7.324		7075	T6511	2.913	34.964	
7/8"	6061	T6511	.7068	8.482	7075	T73511	2.913	34.964		
	6262	T6511	.7064	8.477	1-13/16"	6061	T6511	3.032	36.392	
	7075	T6511	.7310	8.482	1-7/8"	2024	T3511	3.310	39.720	
	7075	T73511	.7310	8.482		6061	T6511	3.245	38.946	
15/16"	6061	T6511	.8114	9.737		6262	T6511	3.244	38.928	
	6262	T6511	.8110	9.732		7075	T6511	3.349	40.188	
	1"	2024	T3511	.9433	11.320	1-15/16"	6061	T6511	3.469	41.628
		6061	T6511	.9232	11.078		2"	2024	T3511	3.773
6262		T6511	.9227	11.072	6061			T6511	3.692	44.311
7075		T6511	.9514	11.417	6262			T6511	3.691	44.292
7075		T73511	.9514	11.417	7075			T6511	3.805	45.668
7075	T73511	.9514	11.417	7075	T73511	3.805		45.668		
1.010"	6061	T6511	.924	11.312	2-1/32"	6061	T6511	3.813	45.756	
1-1/16"	2024	T3511	1.065	12.780		2-1/16"	6061	T6511	3.933	47.196
	6061	T6511	1.042	12.506			2-1/8"	2024	T3511	4.264
	6262	T6511	1.040	12.480	6061			T6511	4.168	50.023
1-1/8"	2024	T3511	1.190	14.280	7075	T73511		4.168	50.023	
	6061	T6511	1.169	14.038	2-3/16"	6061	T6511	4.424	53.088	
	6262	T6511	1.168	14.016						
	7075	T6511	1.204	14.449						
1-3/16"	2024	T3511	1.330	15.960						

NOTE: IT IS NOT ADVISABLE TO TRY TO FINISH ON SIZE FROM THE SIZE PURCHASED.

NOTE: BARS ARE NOT PERFECTLY ROUND, SQUARE, OR STRAIGHT.

PLEASE REFER TO THE VARIOUS CHARTS IN THIS BOOK.

EXTRUDED ALUMINUM

ROUNDS STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR	
2-1/4"	2024	T3511	4.777	57.324	4"	7075	T73511	15.223	182.676	
	6061	T6511	4.673	56.082	4-1/8"	6061	T6511	15.710	188.520	
	6262	T6511	4.700	56.400	4-1/4"	2024	T3511	17.050	204.600	
	7075	T6511	4.816	57.799		6061	T6511	16.697	200.364	
	7075	T73511	4.816	57.799		7075	T6511	17.210	206.520	
				7075		T73511	17.210	206.520		
2-5/16"	6061	T6511	4.944	59.328	4-3/8"	6061	T6511	17.650	211.800	
2-3/8"	2024	T3511	5.324	63.888	4-1/2"	2024	T3511	19.100	229.200	
	6061	T6511	5.207	62.486		6061	T6511	18.690	224.280	
	7075	T73511	5.207	62.486		7075	T6511	19.266	231.192	
				7075		T73511	19.266	231.192		
2-7/16"	6061	T6511	5.494	65.928	4-5/8"	6061	T6511	19.780	237.360	
2-1/2"	2024	T3511	5.897	70.764		4-3/4"	2024	T3511	21.310	255.720
	6061	T6511	5.769	69.238			6061	T6511	20.858	250.296
	6262	T6511	5.760	69.120			7075	T6511	21.500	258.000
	7075	T6511	5.946	71.357	7075		T73511	21.500	258.000	
	7075	T73511	5.946	71.357	5"	2024	T3511	23.580	282.960	
2-5/8"	2024	T3511	6.500	78.000		6061	T6511	23.080	276.960	
	6061	T6511	6.361	76.333		7075	T6511	23.785	285.420	
	7075	T6511	6.565	78.780		7075	T73511	23.785	285.420	
	7075	T73511	6.565	78.780		5-1/8"	6061	T6511	24.280	291.360
2-3/4"	2024	T3511	7.137	85.644	5-1/4"		2024	T3511	26.000	312.000
	6061	T6511	6.981	83.777			6061	T6511	25.480	305.760
	6262	T6511	6.970	83.640		7075	T6511	26.260	315.120	
	7075	T6511	7.195	86.341	5-1/2"	2024	T3511	28.540	342.480	
	7075	T73511	7.195	86.341		6061	T6511	27.930	335.160	
				7075		T6511	28.820	345.840		
2-7/8"	6061	T6511	7.630	91.566	5-3/4"	6061	T6511	30.570	366.840	
	7075	T73511	7.630	91.566		7075	T6511	31.500	378.000	
3"	2024	T3511	8.490	101.88	6"	**2024	T3	33.960	407.520	
	6061	T6511	8.308	99.701		**2024	T3511	33.960	407.520	
	6262	T6511	8.295	99.540		**6061	T6	33.230	398.760	
	7075	T6511	8.562	102.754		**6061	T6511	33.230	398.760	
	7075	T73511	8.562	102.754		**7075	T6511	34.251	411.012	
3-1/8"	2024	T3511	9.200	110.400	**7075	T6	34.251	411.012		
	6061	T6511	9.015	108.182	6-1/8"	**6061	T6	34.690	416.280	
3-1/4"	2024	T3511	9.960	119.520		**6061	T6511	34.690	416.280	
	6061	T6511	9.750	117.011	6-1/4"	**6061	T6	36.110	433.320	
	7075	T6511	10.07	120.840		**6061	T6511	36.110	433.320	
	7075	T6511	10.07	120.840	6-1/2"	**2024	T3511	39.850	478.200	
	3-3/8"	2024	T3511	10.750		129.000	**2024	T3	39.850	478.200
6061		T6511	10.515	126.180		**6061	T6	39.000	468.000	
3-1/2"	2024	T3511	11.560	138.720		**6061	T6511	39.000	468.000	
	6061	T6511	11.308	135.696		**7075	T6	40.250	483.000	
	7075	T6511	11.655	139.860	**7075	T6511	40.250	483.000		
	7075	T73511	11.655	139.860	6-3/4"	**6061	T6	42.130	505.560	
3-5/8"	2024	T3511	12.400	148.800		**6061	T6511	42.130	505.560	
	6061	T6511	12.130	145.560		7"	**2024	T3511	46.210	554.520
3-3/4"	2024	T3511	13.250	159.000	**2024		T3	46.210	554.520	
	6061	T6511	12.980	155.760	**6061		T6511	45.230	542.760	
	7075	T6511	13.400	160.800	**6061		T6	45.230	542.760	
	7075	T73511	13.400	160.800						
4"	2024	T3511	15.100	181.200						
	6061	T6511	14.770	177.240						
	7075	T6511	15.223	182.676						

NOTE: ** INQUIRE

EXTRUDED ALUMINUM

ROUNDS STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
7"	**7075	T6511	46.620	559.440	10"	**7075	T6511	95.260	1143.120
	**7075	T6	46.620	559.440		**7075	T6	95.260	1143.120
7-1/2"	**6061	T6511	52.100	625.200	10-1/2"	**6061	T6511	101.900	1222.800
	**6061	T6	52.100	625.200		**6061	T6	101.900	1222.800
8"	**2024	T3511	60.380	724.560	11"	**6061	T6511	112.170	1346.040
	**2024	T3	60.380	724.560		**6061	T6	112.170	1346.040
	**6061	T6511	59.080	708.960	12"	**6061	T6511	133.110	1597.320
	**6061	T6	59.080	708.960		**6061	T6	133.110	1597.320
	**7075	T6511	60.890	730.680		**7075	T6511	137.100	1645.200
	**7075	T6	60.890	730.680		**7075	T6	137.100	1645.200
8-1/4"	**6061	T6511	62.900	754.800	13"	**6061	T6511	156.000	1872.000
	**6061	T6	62.900	754.800		**6061	T6	156.000	1872.000
8-1/2"	**6061	T6511	66.780	801.360	14"	**6061	T6511	181.170	2174.040
	**6061	T6	66.780	801.360		**6061	T6	181.170	2174.040
9"	**6061	T6511	74.890	898.680	15"	**6061	T6511	208.800	2505.600
	**6061	T6	74.890	898.680		**6061	T6	208.800	2505.600
	**7075	T6511	77.180	926.160	16"	**6061	T6511	236.800	2841.600
	**7075	T6	77.180	926.160		**6061	T6	236.800	2841.600
9-1/2"	**6061	T6511	84.430	1013.160	17"	**6061	T6511	267.000	3204.000
	**6061	T6	84.430	1013.160		**6061	T6	267.000	3204.000
	**7075	T6511	85.990	1031.880	18"	**6061	T6511	300.000	3600.000
	**7075	T6	85.990	1031.880		**6061	T6	300.000	3600.000
10"	**6061	T6511	92.440	1109.280					
	**6061	T6	92.440	1109.280					



NOTE: ** INQUIRE

COLD FINISHED ALUMINUM

ROUNDS STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR	
3/32"	2011	T3	.0082	.098	3/8"	2024	T4	.1328	1.594	
7/64"	2011	T3	.0115	.138		6061	T6	.1301	1.561	
1/8"	2011	T3	.0151	.181		6262	T9	.1297	1.550	
	2024	T4	.0148	.178	7075	T6	.1341	1.609		
	6061	T6	.0145	.174	.380"	2011	T3	.1389	1.667	
	6262	T9	.0140	.168	25/64"	2011	T3	.1466	1.759	
.130"	2011	T3	.0162	.194		6061	T6	.1409	1.691	
9/64"	2011	T3	.0191	.229	13/32"	2011	T3	.1589	1.907	
	6061	T6	.0183	.220		2024	T4	.1558	1.870	
5/32"	2011	T3	.0234	.281		6061	T6	.1526	1.831	
	6061	T6	.0225	.270	7/16"	2011	T3	.1841	2.209	
11/64"	2011	T3	.0284	.341		2024	T4	.1805	2.166	
	3/16"	2011	T3	.0338		.406	6061	T6	.1769	2.123
		2024	T4	.0332		.398	6262	T9	.1766	2.119
		6061	T6	.0325		.390	7075	T6	.1823	2.188
.1925"	2011	T3	.0320	.384	.4425"	2011	T3	.1883	2.260	
			.0356	.427	29/64"	2011	T3	.1974	2.369	
13/64"	2011	T3	.0396	.475		6061	T6	.1897	2.276	
	6061	T6	.0380	.456	15/32"	2011	T3	.2115	2.538	
7/32"	2011	T3	.0461	.553		2024	T4	.2074	2.489	
	2024	T4	.0452	.542		6061	T6	.2032	2.438	
	6061	T6	.0443	.532	31/64"	6061	T651	.2664	3.197	
15/64"	2011	T3	.0529	.635		1/2"	2011	T3	.2407	2.888
	1/4"	2011	T3	.0601	.721		2024	T4	.2360	2.832
		2024	T4	.0590	.708		2024	T851	.2360	2.832
		6061	T6	.0578	.694		6061	T651	.2308	2.770
		6262	T9	.0577	.692		6262	T9	.2306	2.767
		7075	T6	.0595	.714		7075	T6	.2379	2.855
		7075	T6	.0595	.714		7075	T651	.2379	2.855
7075	T73	.0595	.714	7075	T73	.2379	2.796			
.255"	2011	T3	.0625	.750	.505"	2011	T3	.2450	2.940	
17/64"	2011	T3	.0677	.812	33/64"	2011	T3	.2558	3.070	
	6061	T6	.0650	.780		6061	T651	.2458	2.950	
9/32"	2011	T3	.0760	.912	17/32"	2011	T3	.2717	3.260	
	2024	T4	.0745	.894		2024	T4	.2664	3.197	
	6061	T6	.0730	.876	9/16"	2011	T3	.3045	3.654	
19/64"	2011	T3	.0846	1.015		2024	T4	.2985	3.582	
	5/16"	2011	T3	.0940		1.128	6061	T651	.2921	3.505
		2024	T4	.0922		1.106	6262	T9	.2919	3.503
		6061	T6	.0903		1.084	7075	T6	.3015	3.618
		6262	T9	.0900		1.080	7075	T651	.3015	3.618
7075	T6	.0931	1.117	19/32"	2011	T3	.3391	4.069		
.318"	2011	T3	.0969		1.163	6061	T651	.3258	3.910	
21/64"	2011	T3	.1034	1.241	5/8"	2011	T3	.3758	4.510	
	6061	T6	.0993	1.192		2024	T351	.3684	4.427	
11/32"	2011	T3	.1138	1.366		2024	T4	.3685	4.422	
	2024	T4	.1116	1.339		2024	T851	.3689	4.427	
	6061	T6	.1094	1.313		6061	T651	.3606	4.327	
23/64"	2011	T3	.1243	1.492		6262	T9	.3604	4.325	
	3/8"	2011	T3	.1355		1.626	7075	T6	.3721	4.465
		2011	T3	.1355		1.626	7075	T651	.3721	4.465
						7075	T7351	.3721	4.452	

NOTE: IT IS NOT ADVISABLE TO TRY TO FINISH ON SIZE FROM THE SIZE PURCHASED.

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PLEASE REFER TO THE VARIOUS CHARTS IN THIS BOOK.

COLD FINISHED ALUMINUM

ROUNDS STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR														
.630"	2011	T3	.3820	4.584	1-1/16"	6061	T651	1.042	12.506														
41/64"	2011	T3	.3950	4.740	1-1/8"	2011	T3	1.217	14.604														
21/32"	2011	T3	.4144	4.973		2024	T351	1.193	14.316														
	6061	T651	.3980	4.776		6061	T651	1.169	14.038														
11/16"	2011	T3	.4548	5.458		6262	T9	1.168	14.016														
						7075	T651	1.204	14.449														
					7075	T7351	1.204	14.400															
					6061	T651	1.357	16.284															
23/32"	2011	T3	.4969	5.963	2024	T351	1.330	15.960															
									6061	T651	1.302	15.624											
									6061	T651	1.302	15.624											
3/4"	2011	T3	.5413	6.496	1-1/4"	2011	T3	1.503	18.036														
										2024	T351	1.474	17.688										
										2024	T851	1.474	17.688										
										2024	T4	1.442	17.309										
										2024	T851	1.442	17.304										
										6061	T651	1.486	17.839										
										6262	T9	1.486	17.760										
										7075	T651	1.657	19.884										
										7075	T7351	1.625	19.500										
.755"	2011	T3	.5485	6.582	1-5/16"	2024	T351	1.590	19.084														
										6061	T651	1.590	19.084										
										6061	T651	1.590	19.084										
										7075	T651	1.641	19.692										
										7075	T651	1.641	19.692										
25/32"	2011	T3	.5864	7.037	1-3/8"	2011	T3	1.819	21.828														
										6061	T651	1.783	21.396										
										6061	T651	1.745	20.944										
										6262	T9	1.745	20.940										
										7075	T651	1.801	21.612										
										7075	T7351	1.801	21.600										
13/16"	2011	T3	.6353	7.624	1-7/16"	2011	T3	1.988	23.856														
										2024	T351	1.949	23.388										
										6061	T651	1.908	22.896										
										6262	T9	1.988	23.856										
										7075	T651	1.988	23.856										
										7075	T651	1.988	23.856										
7/8"	2011	T3	.7366	8.839	1-1/2"	2011	T3	2.165	25.980														
										2024	T351	2.122	25.464										
										2024	T851	2.122	25.464										
										6061	T651	2.077	24.925										
										6262	T9	2.076	24.912										
										7075	T651	2.140	25.688										
										7075	T7351	2.140	25.680										
										29/32"	2011	T3	.7900	9.480	1-9/16"	2011	T3	2.349	28.188				
																				2024	T351	2.303	27.636
																				6061	T651	2.253	27.046
										15/16"	2011	T3	.8458	10.150	1-5/8"	2011	T3	2.541	30.492				
																				2024	T351	2.491	29.892
6061	T651	2.437	29.252																				
6262	T9	2.436	29.232																				
7075	T651	2.515	30.188																				
31/32"	2011	T3	.9017	10.280	1-11/16"	2011	T3	2.740	32.880														
										2024	T351	2.633	31.596										
										2024	T851	2.947	35.364										
										6061	T651	2.889	34.668										
										6262	T9	2.889	34.668										
										7075	T651	2.827	33.926										
										7075	T7351	2.826	33.912										
										1-1/16"	2011	T3	1.086	13.032	1-3/4"	2011	T3	2.947	35.364				
																				2024	T351	2.913	34.964
										1-1/16"	2011	T3	1.086	13.032	1-3/4"	2024	T351	2.889	34.668				
2024	T351	2.913	34.920																				
1-1/16"	2011	T3	1.086	13.032	1-3/4"	2024	T851	2.889	34.668														
										2024	T851	2.889	34.668										
1-1/16"	2011	T3	1.086	13.032	1-3/4"	6061	T651	2.827	33.926														
										2024	T651	2.826	33.912										
1-1/16"	2011	T3	1.086	13.032	1-3/4"	7075	T651	2.913	34.964														
										2024	T651	2.913	34.920										

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COLD FINISHED ALUMINUM

ROUNDS STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR	
1-13/16"	2011	T3	3.161	37.932	2-5/8"	7075	T651	6.565	78.780	
	2024	T351	3.099	37.188						
	6061	T651	3.032	36.392	2-3/4"	2011	T3	7.280	87.360	
1-7/8"	2024	T351	3.383	40.596		2024	T351	7.136	85.632	
	6061	T651	3.316	39.792		2024	T851	7.136	85.632	
	6262	T9	3.245	38.946		6061	T651	6.981	83.777	
	7075	T651	3.244	38.928		6262	T9	6.978	83.736	
	7075	T651	3.349	40.195		7075	T651	7.195	86.341	
7075	T7351	3.349	40.080	2-7/8"	2011	T3	7.954	95.448		
1-15/16"	2011	T3	3.611		43.332	2024	T351	7.797	93.564	
	2"	2011	T3		3.849	46.188	6061	T651	7.630	91.560
2024		T351	3.773		45.276	6262	T9	7.620	91.440	
2024		T851	3.773	45.276	3"	2011	T3	8.660	103.920	
6061		T651	3.692	44.311		2024	T351	8.486	101.832	
6262		T9	3.691	44.292		2024	T851	8.486	101.832	
7075		T651	3.805	45.668		6061	T651	8.308	99.701	
7075		T651	3.805	45.600		6262	T9	8.304	99.648	
2-1/16"		2011	T3	4.094		49.128	7075	T651	8.562	102.754
	2-1/8"	2011	T3	4.346		52.152	7075	T7351	8.562	102.600
		2024	T351	4.260		51.120	3-1/8"	2011	T3	9.400
		6061	T651	4.168	50.023	2024		T351	9.214	110.568
6262		T9	4.166	49.992	6061	T651		9.029	108.348	
7075	T651	4.303	51.636	7075	T651	9.214		110.568		
7075	T7351	4.303	51.480	3-1/4"	2024	T351	9.966	119.592		
2-3/16"	2011	T3	4.606		55.272	2024	T851	9.970	119.640	
	6061	T651	4.424		53.088	6061	T651	9.750	117.010	
2-1/4"	2011	T3	4.872		58.464	7075	T651	10.065	120.780	
	2024	T351	4.776	57.312	3-3/8"	2011	T3	10.960	131.520	
	6061	T651	4.673	56.082		2024	T351	10.740	128.880	
	6262	T9	4.671	56.052		6061	T651	10.530	126.360	
	7075	T651	4.816	57.799		7075	T651	10.750	129.000	
7075	T7351	4.816	57.720	3-1/2"	2011	T3	11.780	141.360		
2-5/16"	2011	T3	5.147		61.764	2024	T351	11.550	138.600	
	6061	T651	4.944		59.328	6061	T651	11.308	135.696	
2-3/8"	2011	T3	5.427		65.124	7075	T651	11.655	139.860	
	2024	T351	5.320	63.840	3-5/8"	2024	T351	12.400	148.800	
	6061	T651	5.207	62.486		6061	T651	12.140	145.680	
	6262	T9	5.212	62.544		7075	T651	12.520	150.240	
	7075	T651	5.373	64.481		3-3/4"	2011	T3	13.530	162.360
2-7/16"	2011	T3	5.720	68.640	2024		T351	13.260	159.120	
	6061	T651	5.494	65.928	2024		T851	13.260	159.120	
2-1/2"	2011	T3	6.015	72.180	6061		T651	12.980	155.760	
	2024	T351	5.896	70.752	7075		T651	13.397	160.764	
	2024	T851	5.896	70.752	3-7/8"	2011	T3	14.450	173.400	
	6061	T651	5.769	69.238		2024	T351	14.170	170.040	
	6262	T9	5.775	69.300		4"	2024	T351	15.090	181.080
	7075	T651	5.946	71.357			6061	T651	14.770	177.240
	7075	T7351	5.946	71.280	7075		T651	15.223	182.676	
	2-9/16"	6061	T651	6.068	72.826	4-1/4"	2024	T351	17.030	204.360
2-5/8"		2011	T3	6.631	79.572		6061	T651	16.697	200.364
		2024	T351	6.500	78.000		7075	T7351	17.170	206.040
	6061	T651	6.361	76.333	4-1/2"	2011	T3	19.480	233.760	
	6262	T9	6.350	76.200		2024	T351	19.100	229.200	
6061	T651	6.350	76.200	6061		T651	18.690	224.280		

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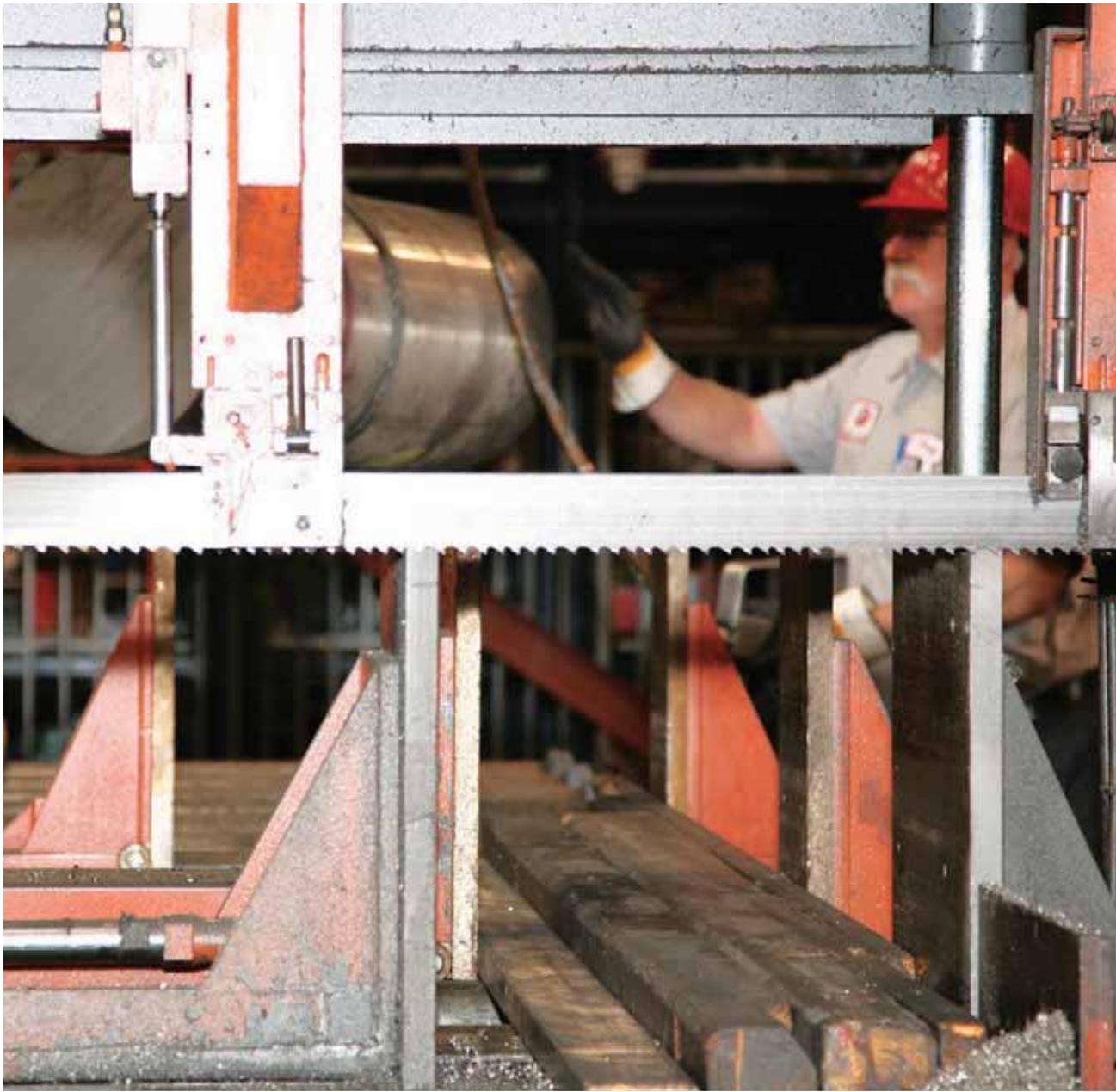
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COLD FINISHED ALUMINUM

ROUNDS STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
4-1/2"	7075	T651	19.266	231.192	5-1/4"	6061	T651	25.480	305.76
	7075	T7351	19.266	230.880					
4-3/4"	2011	T3	21.710	260.520	5-1/2"	6061	T651	29.730	335.160
	2024	T351	21.280	255.360					
	6061	T651	20.858	250.296	6"	**2024	T351	33.950	407.400
	7075	T7351	21.440	257.280		**2024	T4	33.950	407.400
5"	2011	T3	24.050	288.600	7"	**2024	T351	46.210	554.520
	2024	T351	23.580	282.960		**2024	T4	46.210	554.520
	6061	T651	23.080	276.960	8"	**2024	T351	60.380	724.560
	7075	T651	23.785	285.420		**2024	T4	60.380	724.560



NOTE: ** INQUIRE

COLD FINISHED ALUMINUM



HEXAGONS STOCKED IN 12' R/L



SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR		
1/8"	2011	T3	.0166	.199	7/8"	2024	T351	.7960	9.552		
3/16"	2011	T3	.0374	.449		2024	T851	.7960	9.552		
						6061	T651	.7803	9.364		
1/4"	2011	T3	.0663	.796		6262	T9	.7809	9.370		
	2024	T4	.0650	.780	7075	T651	.8040	9.648			
	6061	T6	.0636	.763	15/16"	2011	T3	.9327	11.192		
	7075	T6	.0657	.788		6061	T651	.8959	10.751		
5/16"	2011	T3	.1037	1.244		6262	T9	.8965	10.758		
	2024	T4	.1018	1.222		1"	2011	T3	1.061	12.732	
	6061	T6	.0997	1.196	2024		T351	1.040	12.480		
	7075	T6	.1027	1.232	2024		T851	1.040	12.480		
3/8"	2011	T3	.1492	1.790	6061		T651	1.019	12.234		
	2024	T4	.1463	1.756	6262	T9	1.020	12.240			
	6061	T6	.1460	1.752	7075	T651	1.050	12.608			
	7075	T6	.1477	1.772	1-1/16"	2011	T3	1.197	14.364		
7/16"	2011	T3	.2032	2.438	1-1/8"	2011	T3	1.343	16.116		
	2024	T4	.1993	2.392		2024	T351	1.316	15.792		
	6061	T6	.1952	2.342		6061	T651	1.290	15.480		
	7075	T6	.2012	2.414		6262	T9	1.290	15.490		
1/2"	2011	T3	.2652	3.182	1-3/16"	2011	T3	1.496	17.952		
	2024	T351	.2600	3.120	1-1/4"	2011	T3	1.658	19.896		
	2024	T851	.2600	3.120		2024	T351	1.625	19.500		
	6061	T651	.2548	3.058		2024	T851	1.626	19.512		
	6262	T9	.2550	3.060		6061	T651	1.593	19.116		
	7075	T651	.2626	3.151		6262	T9	1.593	19.125		
	7075	T73	.2630	3.156		7075	T651	1.641	19.699		
	9/16"	2011	T3	.3358		4.030	1-5/16"	2011	T3	1.828	21.936
2024		T351	.3290	3.948		1-3/8"	2011	T3	2.006	24.072	
6061		T651	.3226	3.871	2024		T351	1.966	23.592		
6262		T9	.3285	3.942	6061		T651	1.925	23.100		
7075		T651	.3330	3.996	6262		T9	1.928	23.140		
5/8"	2011	T3	.4144	4.973	1-7/16"		2011	T3	2.193	26.316	
	2024	T351	.4060	4.872	1-1/2"	2011	T3	2.387	28.644		
	2024	T851	.4060	4.872		2024	T351	2.340	28.080		
	6061	T651	.3981	4.777		2024	T851	2.340	28.080		
	6262	T9	.3984	4.780		6061	T651	2.293	27.516		
	7075	T651	.4103	4.924		6262	T9	2.295	27.540		
	7075	T7351	.4100	4.920		7075	T651	2.364	28.386		
	11/16"	2011	T3	.5016		6.019	1-5/8"	2011	T3	2.802	33.624
2024		T351	.4910	5.892		2024		T351	2.746	32.952	
6061		T651	.4819	5.783	6061	T651		2.688	32.256		
6262		T9	.4821	5.785	1-3/4"	2011		T3	3.250	39.000	
3/4"	2011	T3	.5968	7.162		2024	T351	3.186	38.232		
	2024	T351	.5850	7.020		2024	T851	3.186	38.232		
	2024	T851	.5850	7.020		6061	T651	3.121	37.452		
	6061	T651	.5733	6.880		7075	T7351	3.220	38.640		
	6262	T9	.5738	6.885		1-7/8"	2024	T351	3.656	43.872	
	7075	T651	.5909	7.091			2"	2011	T3	4.245	50.940
	7075	T7351	.5900	7.080				2024	T351	4.161	49.932
	13/16"	2011	T3	.7006	8.407			2024	T851	4.160	49.920
2024		T351	.6860	8.232	6061	T651		4.077	48.924		
6061		T651	.6730	8.076	7/8"	2011	T3	5.373	64.476		
6262		T9	.6734	8.080							
7075		T651	.6936	8.323							

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COLD FINISHED ALUMINUM



HEXAGONS

STOCKED IN 12' R/L



SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
2-1/4"	2024	T351	5.267	63.204	2-1/2"	2024	T351	6.500	78.000
	6061	T651	5.162	61.944		6061	T651	6.365	76.380
2-1/2"	2011	T3	6.631	79.572					



SQUARES

STOCKED IN 12' R/L



SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
1/4"	2011	T3	.0770	.924	1"	2024	T851	1.200	14.400
	2024	T4	.0752	.902		6061	T651	1.176	14.112
	6061	T6	.0737	.884		7075	T651	1.212	14.544
5/16"	6061	T6	.1149	1.379	1-1/8"	2011	T3	1.550	18.600
3/8"	2011	T3	.1723	2.068	1-1/4"	2011	T3	1.915	22.980
	2024	T4	.1688	2.026		2024	T351	1.877	22.524
	6061	T6	.1654	1.985		2024	T851	1.877	22.524
7/16"	6061	T6	.2253	2.704		6061	T651	1.837	22.050
	1/2"	2011	T3	.3063		3.676	7075	T651	1.893
		2024	T351	.3000	3.600	7075	T7351	1.900	22.800
2024		T851	.3000	3.600	1-1/2"	2011	T3	2.760	33.120
6061	T651	.2940	3.528	2024		T351	2.702	32.424	
5/8"	7075	T651	.3030	3.636		2024	T851	2.700	32.400
	7075	T73	.3030	3.636		6061	T651	2.646	31.752
	3/4"	2011	T3	.4786		5.743	7075	T651	2.727
2024		T351	.4690	5.628	1-3/4"	6061	T651	3.603	43.236
6061		T651	.4594	5.513		7075	T651	3.714	44.568
7075		T651	.4734	5.681	2"	2024	T351	4.804	57.648
3/4"	2011	T3	.6894	8.273		2024	T851	4.800	57.600
	2024	T351	.6750	8.100		6061	T651	4.704	56.448
	2024	T851	.6760	8.112	7075	T651	4.848	58.176	
	6061	T651	.6615	7.938	2-1/4"	2024	T351	6.080	72.960
	7075	T651	.6817	8.180		6061	T651	5.958	71.496
7075	T7351	.6830	8.196	2-1/2"	2024	T351	7.507	90.084	
7/8"	2011	T3	.9380		11.256	6061	T651	7.350	88.200
	6061	T651	.9011	10.813	3"	2024	T351	10.810	129.720
1"	2011	T3	1.225	14.700		6061	T651	10.584	127.008
	2024	T351	1.200	14.400	4"	2024	T351	19.210	230.520



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EXTRUDED ALUMINUM



HEXAGONS STOCKED IN 12' R/L



SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
1/2"	2024	T3511	.2600	3.120	1-1/8"	6061	T6511	1.290	15.480
	6061	T6511	.2548	3.058		6262	T6511	1.287	15.444
	6262	T6511	.2540	3.048	1-1/4"	2024	T3511	1.626	19.512
	7075	T6511	.2620	3.151		6061	T6511	1.593	19.116
5/8"	2024	T3511	.4060	4.876	6262	T6511	1.588	19.056	
	6061	T6511	.3981	4.777	7075	T6511	1.642	19.704	
	6262	T6511	.3970	4.764	1-3/8"	6061	T6511	1.925	23.100
	7075	T6511	.4100	4.924		1-1/2"	2024	T3511	2.341
3/4"	2024	T3511	.5850	7.020	6061		T6511	2.293	27.516
	6061	T6511	.5733	6.880	6262		T6511	2.287	27.444
	6262	T6511	.5720	6.864	7075		T6511	2.364	28.368
	7075	T6511	.5900	7.091	1-5/8"	6061	T6511	2.688	32.256
7/8"	2024	T3511	.7960	9.556		1-3/4"	6061	T6511	3.121
	6061	T6511	.7803	9.364	2"	6061	T6511	4.077	48.924
	6262	T6511	.7781	9.337	2-1/4"	6061	T6511	5.164	61.968
	7075	T6511	.8040	9.650		2-1/2"	6061	T6511	6.365
1"	2024	T3511	1.041	12.492	2-3/4"	6061	T6511	7.710	92.520
	6061	T6511	1.020	12.264	3"	6061	T6511	9.170	110.040
	6262	T6511	1.017	12.204					
	7075	T6511	1.051	12.612					
1-1/16"	6061	T6511	1.150	13.800					



SQUARES STOCKED IN 12' R/L



SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
1/4"	6061	T6511	.0737	.884	1-1/4"	7075	T6511	1.894	22.723
3/8"	6061	T6511	.1654	1.985		7075	T73511	1.895	22.740
	1/2"	2024	T3511	.2990	3.588	1-1/2"	2024	T3511	2.700
6061		T6511	.2940	3.528	6061		T6511	2.646	31.752
7075		T6511	.3030	3.636	7075		T6511	2.727	32.724
7075		T73511	.3030	3.636	7075		T73511	2.729	32.748
9/16"	6061	T6511	.3725	4.470	1-3/4"	6061	T6511	3.604	43.248
5/8"	6061	T6511	.3725	4.470		7075	T73511	3.714	44.568
	2024	T3511	.4670	5.604	2"	2024	T3511	4.800	57.600
	6061	T6511	.4594	5.513		6061	T6511	4.704	56.448
	7075	T6511	.4734	5.681		7075	T6511	4.848	58.176
7075	T73511	.4734	5.681	7075		T73511	4.852	58.224	
3/4"	2024	T3511	.6740	8.088	2-1/4"	6061	T6511	5.958	71.496
	6061	T6511	.6615	7.938		2-1/2"	2024	T3511	7.500
	7075	T6511	.6817	8.810	6061		T6511	7.350	88.200
	7075	T73511	.6830	8.196	7075		T6511	7.575	90.900
13/16"	6061	T6511	.7772	9.326	2-3/4"		6061	T6511	8.904
	7/8"	6061	T6511	.9011		10.813	3"	2024	T3511
2024		T3511	1.200	14.400	6061	T6511		10.584	127.008
6061		T6511	1.176	14.112	7075	T6511		10.910	130.920
7075		T6511	1.212	14.544	3-1/2"	6061		T6511	14.420
7075	T73511	1.213	14.556	7075		T6511	14.850	178.200	
1-1/4"	2024	T3511	1.870	22.440	3-3/4"	6061	T6511	16.550	198.600
	6061	T6511	1.837	22.050					

NOTE: IT IS NOT ADVISABLE TO TRY TO FINISH ON SIZE FROM THE SIZE PURCHASED.

NOTE: BARS ARE NOT PERFECTLY ROUND, SQUARE, OR STRAIGHT.

PLEASE REFER TO THE VARIOUS CHARTS IN THIS BOOK.

EXTRUDED ALUMINUM

SQUARES-Continued

STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
4"	2024	T3511	19.200	230.400	8"	6061	T6511	59.080	708.960
	6061	T6511	18.820	225.840					
	7075	T6511	19.390	232.680					
5"	2024	T3511	30.000	360.000					
	6061	T6511	29.400	352.800					
	7075	T6511	30.300	363.600					
6"	2024	T3511	43.200	518.400					
	6061	T6511	42.340	508.080					
	7075	T6511	43.630	523.560					



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EXTRUDED ALUMINUM

FLATS

STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
1/8" x 1/2"	6061	T6511	.0728	.874	5/16" x 1-1/4"	6061	T6511	.4594	5.513
5/8"	6061	T6511	.0909	1.091	1-1/2"	6061	T6511	.5513	6.616
3/4"	6061	T6511	.1103	1.324	2"	6061	T6511	.7350	8.820
1"	6061	T6511	.1470	1.764	3"	6061	T6511	1.102	13.230
1-1/4"	6061	T6511	.1815	2.178	4"	6061	T6511	1.470	17.640
1-1/2"	6061	T6511	.2205	2.646	5"	6061	T6511	1.839	22.068
2"	6061	T6511	.2940	3.528	6"	6061	T6511	2.207	26.484
2-1/2"	6061	T6511	.3750	4.500	3/8" x 1/2"	6061	T6511	.2205	2.646
3"	6061	T6511	.4357	5.228	5/8"	6061	T6511	.2723	3.268
4"	6061	T6511	.5810	6.972	3/4"	6061	T6511	.3308	3.970
3/16" x 1/2"	6061	T6511	.1103	1.324	1"	6061	T6511	.4410	5.292
3/4"	6061	T6511	.1654	1.985		7075	T6511	.4545	5.454
1"	6061	T6511	.2205	2.646	1-1/4"	6061	T6511	.5513	6.616
1-1/4"	6061	T6511	.2757	3.308	1-1/2"	6061	T6511	.6615	7.938
1-1/2"	6061	T6511	.3308	3.970		7075	T6511	.6817	8.180
1-3/4"	6061	T6511	.3864	4.637	1-3/4"	6061	T6511	.7724	9.269
2"	6061	T6511	.4410	5.292	2"	6061	T6511	.8820	10.584
2-1/2"	6061	T6511	.5513	6.616		7075	T6511	.9089	10.907
3"	6061	T6511	.6615	7.938	2-1/4"	6061	T6511	.9932	11.918
4"	6061	T6511	.8828	10.594	2-1/2"	6061	T6511	1.102	13.230
1/4" x 1/2"	6061	T6511	.1470	1.764	3"	6061	T6511	1.323	15.876
5/8"	6061	T6511	.1814	2.177		7075	T6511	1.363	16.362
3/4"	6061	T6511	.2205	2.646	3-1/2"	6061	T6511	1.543	18.516
1"	6061	T6511	.2940	3.528	4"	6061	T6511	1.764	21.168
1-1/4"	6061	T6511	.3675	4.410		7075	T6511	1.818	21.816
1-1/2"	6061	T6511	.4410	5.292	5"	6061	T6511	2.205	26.460
1-3/4"	6061	T6511	.5145	6.174	6"	6061	T6511	2.646	31.752
2"	6061	T6511	.5880	7.056	8"	6061	T6511	3.531	42.372
2-1/4"	6061	T6511	.6615	7.938	1/2" x 5/8"	6061	T6511	.3675	4.410
2-1/2"	6061	T6511	.7350	8.820	3/4"	6061	T6511	.4410	5.292
3"	6061	T6511	.8820	10.584	1"	6061	T6511	.5880	7.056
3-1/2"	6061	T6511	1.029	12.348		7075	T6511	.6060	7.272
4"	6061	T6511	1.176	14.112		7075	T73511	.6066	7.279
5"	6061	T6511	1.470	17.640	1-1/4"	6061	T6511	.7350	8.820
6"	6061	T6511	1.764	21.168	1-1/2"	6061	T6511	.8820	10.582
8"	6061	T6511	2.354	28.248		7075	T6511	.9089	10.907
5/16" x 1/2"	6061	T6511	.1814	2.177		7075	T73511	.9098	10.918
3/4"	6061	T6511	.2756	3.307	1-3/4"	6061	T6511	1.029	12.348
1"	6061	T6511	.3675	4.410	2"	6061	T6511	1.176	14.112

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EXTRUDED ALUMINUM

FLATS

STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
1/2" x 2"	7075	T6511	1.212	14.544	3/4" x 1-1/2"	7075	T6511	1.363	16.356
	7075	T73511	1.213	14.556		7075	T73511	1.365	16.380
2-1/4"	6061	T6511	1.324	15.890	1-3/4"	6061	T6511	1.545	18.540
2-1/2"	6061	T6511	1.470	17.640	2"	6061	T6511	1.764	21.168
	7075	T6511	1.515	18.180		7075	T6511	1.818	21.816
2-3/4"	6061	T6511	1.617	19.404	7075	T73511	1.820	21.840	
3"	6061	T6511	1.764	21.168	2-1/2"	6061	T6511	2.205	26.460
	7075	T6511	1.818	21.816		7075	T6511	2.272	27.264
3-1/2"	6061	T6511	2.058	24.696	3"	6061	T6511	2.646	31.752
	7075	T6511	2.424	29.088		7075	T6511	2.727	32.724
4"	6061	T6511	2.352	28.224	3-1/2"	6061	T6511	3.090	37.080
	7075	T6511	2.942	35.312		7075	T6511	3.181	38.172
5"	6061	T6511	2.942	35.312	4"	6061	T6511	3.528	42.336
6"	6061	T6511	3.528	42.336		7075	T6511	3.636	43.632
	7075	T6511	3.636	43.632	5"	6061	T6511	4.410	52.920
7"	6061	T6511	4.120	49.440		6"	6061	T6511	5.292
	6061	T6511	4.778	57.336	7075		T6511	5.454	65.448
8"	6061	T6511	4.778	57.336	8"	6061	T6511	7.062	84.774
	6061	T6511	5.885	70.620		6061	T6511	8.828	105.936
10"	6061	T6511	5.885	70.620	12"	6061	T6511	10.590	127.080
	6061	T6511	7.062	84.744					
5/8" x 3/4"	6061	T6511	.5447	6.536					
1"	6061	T6511	.7350	8.820	7/8" x 1"	6061	T6511	1.023	12.276
	7075	T73511	.7580	9.096		1-1/2"	6061	T6511	1.545
1-1/4"	6061	T6511	.9188	11.026	2"	6061	T6511	2.060	24.720
1-1/2"	6061	T6511	1.1025	13.230		1" x 1-1/4"	2024	T3511	1.500
	7075	T73511	1.137	13.644	6061		T6511	1.470	17.640
1-3/4"	6061	T6511	1.287	15.450	1-1/2"	2024	T3511	1.802	21.624
2"	6061	T6511	1.470	17.640		6061	T6511	1.764	21.168
	7075	T73511	1.516	18.192	7075	T6511	1.818	21.816	
2-1/2"	6061	T6511	1.840	22.080	7075	T73511	1.820	21.840	
3"	6061	T6511	2.205	26.460	1-3/4"	2024	T3511	2.102	25.224
	6061	T6511	2.575	30.900		6061	T6511	2.059	24.708
3-1/2"	6061	T6511	2.575	30.900	2"	2024	T3511	2.402	28.824
	6061	T6511	2.940	35.280		6061	T6511	2.352	28.224
4"	6061	T6511	2.940	35.280	7075	T6511	2.424	29.088	
	6061	T6511	3.309	39.708		7075	T73511	2.426	29.112
4-1/2"	6061	T6511	3.309	39.708	2-1/4"	2024	T3511	2.703	32.436
5"	6061	T6511	3.680	44.160		6061	T6511	2.648	31.776
	6"	6061	T6511	4.357	52.284	2-1/2"	2024	T3511	3.003
6061		T6511	4.357	52.284	6061		T6511	2.940	35.280
3/4" x 1"	6061	T6511	.8820	10.584					
	7075	T6511	.9089	10.907					
	7075	T73511	.9098	10.918					
1-1/4"	6061	T6511	1.102	13.230					
1-1/2"	6061	T6511	1.323	15.876					

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EXTRUDED ALUMINUM

FLATS

STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
1" x 2-1/2"	7075	T6511	3.030	36.360	1-1/4" x 4"	7075	T73511	6.066	72.792
3"	2024	T3511	3.604	43.248	4-1/2"	6061	T6511	6.750	81.000
	6061	T6511	3.528	42.336	5"	2024	T3511	7.263	87.156
	7075	T6511	3.636	43.632		6061	T6511	7.263	87.156
	7075	T73511	3.639	43.668	6"	2024	T3511	9.100	109.200
3-1/2"	2024	T3511	4.204	50.448		6061	T6511	8.715	104.580
	6061	T6511	4.140	49.680		7075	T6511	9.098	109.176
	7075	T6511	4.240	50.880	7"	7075	T6511	10.610	127.320
4"	2024	T3511	4.805	57.660	8"	6061	T6511	11.770	141.240
	6061	T6511	4.704	56.448		7075	T6511	12.130	145.560
	7075	T6511	4.848	58.176	10"	6061	T6511	14.710	176.520
	7075	T73511	4.852	58.224	12"	6061	T6511	17.660	211.920
4-1/2"	6061	T6511	5.300	63.600	1-1/2" x 2"	2024	T3511	3.600	43.200
5"	6061	T6511	5.880	70.560		6061	T6511	3.528	42.336
5-1/2"	6061	T6511	6.480	77.760		7075	T6511	3.636	43.632
6"	2024	T3511	7.207	86.484		7075	T73511	3.639	43.668
	6061	T6511	7.056	84.672	2-1/2"	2024	T3511	4.500	54.000
	7075	T6511	7.272	87.264		6061	T6511	4.410	52.920
8"	6061	T6511	9.417	113.004		7075	T6511	4.555	54.600
10"	6061	T6511	11.080	132.960	3"	2024	T3511	5.400	64.800
12"	6061	T6511	14.130	169.560		6061	T6511	5.292	63.504
						7075	T6511	5.450	65.400
1-1/4" x 1-1/2"	6061	T6511	2.205	26.460		7075	T73511	5.459	65.508
2"	2024	T3511	3.003	36.036	3-1/2"	6061	T6511	6.179	74.148
	6061	T6511	2.990	35.280		7075	T6511	6.490	77.880
	7075	T6511	3.030	36.360	4"	2024	T3511	7.210	86.520
	7075	T73511	3.033	36.396		6061	T6511	7.056	84.672
2-1/4"	6061	T6511	3.311	39.732		7075	T6511	7.270	87.240
2-1/2"	2024	T3511	3.750	45.000		7075	T73511	7.279	87.348
	6061	T6511	3.675	44.100	5"	2024	T3511	9.010	108.120
	7075	T6511	3.787	45.444		6061	T6511	8.820	105.840
3"	2024	T3511	4.500	54.000		7075	T6511	9.090	109.080
	6061	T6511	4.410	52.920	6"	2024	T3511	10.810	129.720
	7075	T6511	4.545	54.540		6061	T6511	10.580	126.960
	7075	T73511	4.549	54.588		7075	T6511	10.915	130.920
3-1/2"	2024	T3511	5.258	63.096	7"	6061	T6511	12.360	148.320
	6061	T6511	5.151	61.812	8"	6061	T6511	14.120	169.440
	7075	T6511	5.410	64.920	10"	6061	T6511	17.660	211.920
4"	2024	T3511	6.007	72.084	12"	6061	T6511	21.190	254.280
	6061	T6511	5.880	70.560					
	7075	T6511	6.059	72.708					

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EXTRUDED ALUMINUM

FLATS

STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
1-3/4" x 2"	6061	T6511	4.120	49.440	2-1/2" x 4"	7075	T6511	12.120	145.440
2-1/2"	6061	T6511	5.152	61.824		7075	T73511	12.130	145.560
3"	6061	T6511	6.180	74.160	4-1/2"	6061	T6511	13.250	159.000
4"	6061	T6511	8.240	98.880	5"	6061	T6511	14.700	176.450
5"	6061	T6511	10.301	123.612	6"	2024	T3511	18.020	216.240
6"	6061	T6511	12.360	148.320		6061	T6511	17.640	211.680
8"	6061	T6511	16.480	197.760		7075	T6511	18.200	218.400
2" x 2-1/2"	2024	T3511	6.000	72.000		7075	T73511	18.200	218.400
	6061	T6511	5.810	69.720	8"	2024	T3511	24.030	288.360
	7075	T6511	6.066	72.792	3" x 3-1/2"	6061	T6511	12.348	148.176
3"	2024	T3511	7.210	86.520		7075	T6511	12.730	152.760
	6061	T6511	7.056	84.672	4"	2024	T3511	14.420	173.040
	7075	T6511	7.270	87.240		6061	T6511	14.112	169.344
	7075	T73511	7.279	87.348		7075	T6511	14.540	174.480
3-1/2"	6061	T6511	8.240	98.880		7075	T73511	14.560	174.720
4"	2024	T3511	9.610	115.320	5"	2024	T3511	18.020	216.240
	6061	T6511	9.408	112.896		6061	T6511	17.640	211.680
	7075	T6511	9.696	116.352		7075	T73511	18.200	218.400
	7075	T73511	9.705	116.460	6"	2024	T3511	21.620	259.440
5"	2024	T3511	12.020	144.240		6061	T6511	21.168	254.016
	6061	T6511	11.770	141.200		7075	T6511	21.820	261.840
	7075	T6511	12.120	145.440		7075	T73511	21.840	262.080
6"	2024	T3511	14.420	173.040	8"	2024	T3511	28.830	345.960
	6061	T6511	14.110	169.320		6061	T6511	28.250	339.000
	7075	T6511	14.540	174.480	3-1/2" x 4"	6061	T6511	16.480	197.760
	7075	T73511	14.560	174.720		7075	T6511	16.980	203.760
7"	6061	T6511	16.480	197.760	4" x 5"	2024	T3511	24.040	288.480
8"	6061	T6511	18.830	225.960		7075	T6511	24.240	290.880
10"	6061	T6511	23.540	282.480		7075	T73511	24.280	291.360
12"	6061	T6511	28.250	339.000		7075	T6511	29.090	349.080
2-1/4" x 3"	6061	T6511	7.945	95.340		7075	T73511	29.120	349.440
4"	6061	T6511	10.600	127.200	8"	6061	T6511	37.680	452.160
6"	6061	T6511	15.900	190.800					
2-1/2" x 3"	2024	T3511	9.010	108.120					
	6061	T6511	8.820	105.840					
	7075	T6511	9.090	109.080					
3-1/2"	6061	T6511	10.300	123.600					
4"	2024	T3511	12.000	144.000					
	6061	T6511	11.760	141.120					

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COLD FINISHED ALUMINUM

FLATS STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR
1/8" x 5/8"	2024	T4	.0939	1.127	1/2" x 3-1/2"	2024	T351	2.102	25.224
3/4"	2024	T4	.1127	1.352	4"	2024	T351	2.402	28.824
1-1/4"	2024	T4	.1876	2.251		7075	T651	2.424	29.088
2"	2024	T4	.3000	3.600	4-1/2"	2024	T351	2.702	32.424
2-1/2"	2024	T4	.3755	4.506	5"	2024	T351	3.003	36.036
3"	2024	T4	.4500	5.400	5/8" x 3/4"	2024	T351	.5632	6.758
3/16" x 1"	7075	T651	.2276	2.731	1"	2024	T351	.7507	9.008
1/4" x 2"	7075	T651	.6065	7.278		2024	T851	.7501	9.001
3"	7075	T651	.9098	10.918		7075	T651	.7582	9.098
4"	2024	T4	1.201	14.412	1-1/2"	2024	T351	1.126	13.512
	7075	T651	1.213	14.556		2024	T851	1.126	13.512
4-1/2"	2024	T4	1.351	16.212		7075	T651	1.137	13.644
3/8" x 5/8"	2024	T4	.2815	3.378	2"	2024	T351	1.501	18.012
3/4"	2024	T4	.3377	4.052		2024	T851	1.502	18.024
1"	2024	T4	.4504	5.405		7075	T651	1.516	18.192
	7075	T651	.4545	5.454	2-1/4"	2024	T351	1.689	20.268
1-1/2"	2024	T4	.6758	8.110	2-1/2"	2024	T351	1.877	22.524
	7075	T651	.6817	8.180		7075	T651	1.895	22.747
2"	2024	T4	.9009	10.811	3"	2024	T351	2.252	27.024
	7075	T651	.9089	10.907		7075	T651	2.274	27.295
2-1/4"	2024	T4	1.013	12.156	4"	2024	T351	3.003	36.036
2-1/2"	2024	T4	1.126	13.512		7075	T651	3.032	36.394
3"	7075	T651	1.363	16.362	3/4" x 1"	2024	T351	.9009	10.811
1/2" x 3/4"	2024	T351	.4504	5.405		2024	T851	.9010	10.812
1"	2024	T351	.6001	7.201		7075	T651	.9089	10.907
	2024	T851	.6010	7.212		7075	T7351	.9098	10.918
	7075	T651	.6060	7.272	1-1/4"	2024	T351	1.126	13.512
	7075	T7351	.6066	7.279		7075	T651	1.137	13.649
1-1/4"	2024	T351	.7507	9.008	1-1/2"	2024	T351	1.351	16.212
	7075	T651	.7582	9.098		2024	T851	1.351	16.212
1-1/2"	2024	T351	.9009	10.811		7075	T651	1.363	16.356
	2024	T851	.9010	10.812	2"	2024	T351	1.801	21.612
	7075	T651	.9089	10.907		2024	T851	1.802	21.624
2"	2024	T351	1.201	14.412		7075	T651	1.818	21.816
	2024	T851	1.201	14.412		7075	T7351	1.820	21.840
	7075	T651	1.212	14.544	2-1/2"	2024	T351	2.252	27.024
2-1/2"	7075	T651	1.515	18.180		7075	T651	2.272	27.264
3"	2024	T351	1.801	21.612	3"	2024	T351	2.702	32.424
	7075	T651	1.818	21.816					

NOTE: IT IS NOT ADVISABLE TO TRY TO FINISH ON SIZE FROM THE SIZE PURCHASED.

NOTE: BARS ARE NOT PERFECTLY ROUND, SQUARE, OR STRAIGHT.

PLEASE REFER TO THE VARIOUS CHARTS IN THIS BOOK.

COLD FINISHED ALUMINUM

FLATS

STOCKED IN 12' R/L

SIZE	TYPE	TEMPER	WT/FT	WT/BAR	SIZE	TYPE	TEMPER	WT/FT	WT/BAR	
3/4" x 3"	7075	T651	2.727	32.724	1-1/4" x 4"	2024	T851	6.000	72.120	
	2024	T351	3.153	37.836		7075	T651	6.059	72.708	
	4"	2024	T351	3.603	43.236	1-1/2" x 2"	2024	T351	3.603	43.236
		7075	T651	3.636	43.632		2024	T851	3.610	43.320
	4-1/2"	2024	T351	4.052	48.624		7075	T651	3.636	43.632
2024		T351	4.052	48.624	2-1/2"		2024	T351	4.504	54.048
1" x 1-1/4"	2024	T351	1.510	18.120			7075	T651	4.550	54.600
	1-1/2"	2024	T351	1.801	21.162	3"	2024	T351	5.405	64.860
2024		T851	1.802	21.624	2024		T851	5.410	64.920	
2"	7075	T651	1.818	21.816	3-1/2"	7075	T651	5.450	65.400	
	7075	T7351	1.820	21.840		2024	T651	6.306	75.672	
	2024	T351	2.402	28.824	7075	T651	6.490	77.880		
2-1/2"	2024	T851	2.402	28.824	4"	2024	T351	7.207	86.484	
	7075	T651	2.424	29.088		2024	T851	7.210	86.520	
	7075	T7351	2.426	29.112	5"	7075	T651	7.270	87.240	
3"	2024	T351	3.003	36.036		2024	T351	9.009	108.108	
	7075	T651	3.030	36.360	6"	7075	T651	9.090	109.080	
3-1/2"	2024	T351	3.603	43.236		2024	T351	10.81	129.720	
	2024	T851	3.603	43.236	2" x 2-1/2"	2024	T351	6.006	72.072	
	7075	T651	3.636	43.632		7075	T651	6.066	72.792	
4"	2024	T351	4.204	50.448	3"	2024	T351	7.207	86.484	
	7075	T651	4.240	50.880		7075	T651	7.270	87.240	
4-1/2"	2024	T851	4.804	57.648	3-1/2"	2024	T351	8.408	100.896	
	2024	T351	4.805	57.660		4"	2024	T351	9.609	115.308
5"	7075	T651	4.848	58.176	7075	T651	9.696	116.352		
	6"	2024	T351	5.405	64.860	4-1/2"	2024	T351	10.81	129.720
2024		T351	6.006	72.072	5"	2024	T351	12.01	144.120	
6"	7075	T651	7.272	87.264	7075	T651	12.12	145.440		
	7075	T651	7.272	87.264	6"	2024	T351	14.41	172.920	
1-1/4" x 1-1/2"	7075	T651	2.274	27.288	2-1/2" x 3"	7075	T651	9.090	109.080	
2"	2024	T351	3.003	36.036		4"	7075	T651	12.12	145.440
	2024	T851	3.000	36.000	3" x 4"	2024	T351	14.41	172.920	
7075	T651	3.030	36.360	7075		T651	14.54	174.480		
2-1/2"	2024	T351	3.756	45.072	6"	2024	T851	21.62	359.440	
	7075	T651	3.787	45.444						
3"	2024	T351	4.505	54.060						
	2024	T851	4.500	54.000						
3-1/2"	7075	T651	4.545	54.540						
	2024	T351	5.260	63.120						
4"	7075	T651	5.410	64.920						
	2024	T351	6.007	72.084						

NOTE: IT IS NOT ADVISABLE TO TRY TO FINISH ON SIZE FROM THE SIZE PURCHASED.

NOTE: BARS ARE NOT PERFECTLY ROUND, SQUARE, OR STRAIGHT.

PLEASE REFER TO THE VARIOUS CHARTS IN THIS BOOK.

TOLERANCES - COLD FINISHED ALUMINUM ROUND - BAR AND ROD

SIZE IN INCHES	TOLERANCE PLUS OR MINUS*
0.065" - 0.374"	.001"
0.375" - 0.500"	.0015"
0.501" - 1.000"	.002"
1.001" - 1.500"	.0025"
1.501" - 2.000"	.004"
2.001" - 3.000"	.006"
3.001" - 3.499"	.008"
3.500" - 4.999"	.012"
5.000" - 6.000" Incl.	.020"
6.001" - 7.000" Incl.	.025"
7.001" - 8.000" Incl.	.030"

TOLERANCES - COLD FINISHED ALUMINUM SQUARE AND HEXAGON BAR

SIZE IN INCHES	TOLERANCE PLUS OR MINUS*
0.065" - 0.374"	.002"
0.375" - 0.500"	.002"
0.501" - 1.000"	.0025"
1.001" - 1.500"	.003"
1.501" - 2.000"	.005"
2.001" - 3.000"	.008"
3.001" - 4.000"	.013"

TOLERANCES - COLD FINISH ALUMINUM RECTANGLE BAR

SIZE IN INCHES	TOLERANCES PLUS OR MINUS THICKNESS*	WIDTH*
Up thru 0.035"	.001"	..
0.036" - 0.064"	.0015"	..
0.065" - 0.500"	.002"	.002"
0.501" - 0.750"	.0025"	.0025"
0.751" - 1.000"	.0025"	.0025"
1.001" - 1.500"	.003"	.003"
1.501" - 2.000"	.005"	.005"
2.001" - 3.000"	.008"	.008"
3.001" - 4.000"	.010"	.010"
4.001" - 6.000"	.013"	.013"

*ALL TOLERANCES ARE IN INCHES

NOTE: ALL TOLERANCES SHOWN ARE FROM THE USA ALUMINUM STANDARDS AND DATA MANUAL.

TOLERANCES - EXTRUDED ALUMINUM - ROD AND BAR

ROUNDS		SQUARES		HEXAGONS	
SIZE IN INCHES	TOLERANCE PLUS OR MINUS*	SIZE IN INCHES	TOLERANCE PLUS OR MINUS*	SIZE IN INCHES	TOLERANCE PLUS OR MINUS*
Up thru 0.124"	0.006"	Up thru 0.124"	0.006"	Up thru 0.124"	0.006"
0.125" - 0.249"	0.007"	0.125" - 0.249"	0.007"	0.125" - 0.249"	0.007"
0.250" - 0.499"	0.008"	0.250" - 0.499"	0.008"	0.250" - 0.499"	0.008"
0.500" - 0.749"	0.009"	0.500" - 0.749"	0.009"	0.500" - 0.749"	0.009"
0.750" - 0.999"	0.010"	0.750" - 0.999"	0.010"	0.750" - 0.999"	0.010"
1.000" - 1.499"	0.012"	1.000" - 1.499"	0.012"	1.000" - 1.499"	0.012"
1.500" - 1.999"	0.014"	1.500" - 1.999"	0.014"	1.500" - 1.999"	0.014"
2.000" - 3.999"	0.024"	2.000" - 3.999"	0.024"	2.000" - 3.999"	0.024"
4.000" - 5.999"	0.034"	4.000" - 5.999"	0.034"	4.000" - 5.999"	0.034"
6.000" - 7.070"	0.044"	6.000" - 7.070"	0.044"	6.000" - 7.070"	0.044"
7.071" - 7.999"	0.044"	7.071" - 7.999"	0.054"	7.071" - 7.999"	0.044"
8.000" - 8.659"	0.054"	8.000" - 8.659"	0.064"	8.000" - 8.659"	0.054"
8.660" - 8.999"	0.054"	8.660" - 8.999"	0.064"	8.660" - 8.999"	0.064"
9.000" - 9.238"	0.054"	9.000" - 9.238"	0.064"	9.000" - 9.238"	0.064"
9.239" - 9.999"	0.054"	9.239" - 9.999"	0.064"	9.239" - 9.999"	0.064"
10.000" - 11.999"	0.074"	10.000" - 11.999"	0.074"	10.000" - 11.999"	0.074"
12.000" - 13.999"	0.084"	12.000" - 13.999"	0.084"	12.000" - 13.999"	0.084"
14.000" - 15.999"	0.094"	14.000" - 15.999"	0.094"	14.000" - 15.999"	0.094"
16.000" - 17.999"	0.104"				
18.000" - 19.999"	0.114"				
20.000" - 21.999"	0.124"				

TOLERANCES - EXTRUDED ALUMINUM - RECTANGLE BAR THICKNESS OR WIDTH (DISTANCE ACROSS FLATS)

THICKNESS OR WIDTH IN INCHES	TOLERANCE PLUS OR MINUS*
Up thru 0.124"	0.006"
0.125" - 0.249"	0.007"
0.250" - 0.499"	0.008"
0.500" - 0.749"	0.009"
0.750" - 0.999"	0.010"
1.000" - 1.499"	0.012"
1.500" - 1.999"	0.014"
2.000" - 3.999"	0.024"
4.000" - 5.999"	0.034"
6.000" - 7.999"	0.044"
8.000" - 9.999"	0.054"
10.000" - 11.999"	0.074"
12.000" - 13.999"	0.084"
14.000" - 15.999"	0.094"
16.000" - 17.999"	0.104"
18.000" - 19.999"	0.114"
20.000" - 21.999"	0.124"
22.000" - 24.000"	0.124"

*ALL TOLERANCES ARE IN INCHES

NOTE: ALL TOLERANCES SHOWN ARE FROM THE USA ALUMINUM STANDARDS AND DATA MANUAL.