ARLINGTON METALS CORPORATION

I-Unit Chart

					Height of the Off Flat Condition (in) measured with a Step Gauge									
Peak to Peak (in.)	1/32	1/16	3/32	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Peak to P	0.031	0.063	0.094	0.125	0.188	0.25	0.313	0.375	0.438	0.5	0.625	0.75	0.875	1
5	9.6	38.5	86.7	154.1	346.6	616.2	962.9	1386.5	1887.2	2464.9	3851.4	5546	7548.8	9859.6
6	6.7	26.7	60.2	107	240.7	427.9	668.6	962.9	1310.5	1711.7	2674.6	3851.4	5242.2	6846.9
7	4.9	19.7	44.2	78.6	176.9	314.4	491.3	707.4	962.9	1257.6	1965	2829.6	3851.4	5030.4
8	3.8	15	33.9	60.2	135.4	240.7	376.1	541.6	737.2	962.9	1504.5	2166.4	2948.7	3851.4
9	3	11.9	26.7	47.5	107	190.2	297.2	427.9	582.5	760.8	1188.7	1711.7	2329.9	3043.1
10	2.4	9.6	21.7	38.5	86.7	154.1	240.7	346.6	471.8	616.2	962.9	1386.5	1887.2	2464.9
11	2	8	17.9	31.8	71.6	127.3	198.9	286.5	389.9	509.3	795.7	1145.9	1559.7	2037.1
12	1.7	6.7	15	26.7	60.2	107	167.2	240.7	327.6	427.9	668.6	962.9	1310.5	1711.7
13	1.4	5.7	12.8	22.8	51.3	91.2	142.4	205.1	279.2	364.6	569.7	820.4	1116.7	1458.5
14	1.2	4.9	11.1	19.7	44.2	78.6	122.8	176.9	240.7	314.4	491.3	707.4	962.9	1257.6
15	1.1	4.3	9.6	17.1	38.5	68.5	107	154.1	209.7	273.9	427.9	616.2	838.8	1095.5
16	0.9	3.8	8.5	15	33.9	60.2	94	135.4	184.3	240.7	376.1	541.6	737.2	962.9
17	0.8	3.3	7.5	13.3	30	53.3	83.3	119.9	163.3	213.2	333.2	479.8	653	852.9
18	0.7	3	6.7	11.9	26.7	47.5	74.3	107	145.6	190.2	297.2	427.9	582.5	760.8
19	0.7	2.7	6	10.7	24	42.7	66.7	96	130.7	170.7	266.7	384.1	522.8	682.8
20	0.6	2.4	5.4	9.6	21.7	38.5	60.2	86.7	117.9	154.1	240.7	346.6	471.8	616.2
21	0.5	2.2	4.9	8.7	19.7	34.9	54.6	78.6	107	139.7	218.3	314.4	427.9	558.9
22	0.5	2	4.5	8	17.9	31.8	49.7	71.6	97.5	127.3	198.9	286.5	389.9	509.3
23	0.5	1.8	4.1	7.3	16.4	29.1	45.5	65.5	89.2	116.5	182	262.1	356.7	466
24	0.4	1.7	3.8	6.7	15	26.7	41.8	60.2	81.9	107	167.2	240.7	327.6	427.9
28	0.3	1.2	2.8	4.9	11.1	19.7	30.7	44.2	60.2	78.6	122.8	176.9	240.7	314.4
32	0.2	0.9	2.1	3.8	8.5	15	23.5	33.9	46.1	60.2	94	135.4	184.3	240.7
36	0.2	0.7	1.7	3	6.7	11.9	18.6	26.7	36.4	47.5	74.3	107	145.6	190.2
40	0.2	0.6	1.4	2.4	5.4	9.6	15	21.7	29.5	38.5	60.2	86.7	117.9	154.1
44	0.1	0.5	1.1	2	4.5	8	12.4	17.9	24.4	31.8	49.7	71.6	97.5	127.3
48	0.1	0.4	0.9	1.7	3.8	6.7	10.4	15	20.5	26.7	41.8	60.2	81.9	107
54	0.1	0.3	0.7	1.3	3	5.3	8.3	11.9	16.2	21.1	33	47.5	64.7	84.5
60	0.1	0.3	0.6	1.1	2.4	4.3	6.7	9.6	13.1	17.1	26.7	38.5	52.4	68.5
66	0.1	0.2	0.5	0.9	2	3.5	5.5	8	10.8	14.1	22.1	31.8	43.3	56.6
72	0	0.2	0.4	0.7	1.7	3	4.6	6.7	9.1	11.9	18.6	26.7	36.4	47.5
78	0	0.2	0.4	0.6	1.4	2.5	4	5.7	7.8	10.1	15.8	22.8	31	40.5
84	0	0.1	0.3	0.5	1.2	2.2	3.4	4.9	6.7	8.7	13.6	19.7	26.7	34.9
	Stretcher Level			Flatness Critical			Commercial Flatness			Out of Tolerance				
	5 I-Units or less			20 I-Units or less			42 I-Units or less			42 I-Units or more				
Note: I-Units are found by measuring the height of the off flat condition and the interval between each peaks. Find the I-Unit on the chart above														