

CHANNEL STEEL

STRUCTURAL CHANNEL



SIZE	LBS./FT.	FLANGE WIDTH	WEB THICKNESS	LBS./20'	LBS./40'
A		B	C		
3	3.5	1.375	0.145	70	140
3	4.1	1.41	0.17	82	164
3	5	1.498	0.258	100	200
3	6	1.596	0.356	120	240
4	4.5	1.584	0.158	90	180
4	5.4	1.58	0.18	108	216
4	6.25	0.647	0.247	125	250
4	7.25	1.72	0.32	145	290
5	6.7	1.75	0.19	134	268
5	9	1.885	0.325	180	360
6	8.2	1.92	0.2	164	328
6	10.5	2.034	0.314	210	420
6	13	2.157	0.437	260	520
7	9.8	2.09	0.21	196	392
7	12.25	2.194	0.314	245	490
7	14.75	2.299	0.419	295	590
8	11.5	2.26	0.22	230	460
8	13.75	2.343	0.303	275	550
8	18.75	2.527	0.487	375	750
9	13.4	2.43	0.23	268	536
9	15	2.485	0.285	300	600
9	20	2.648	0.448	400	800
10	15.3	2.6	0.24	306	612
10	20	2.739	0.379	400	800
10	25	2.886	0.526	500	1000
10	30	3.033	0.673	600	1200

12	20.7	2.94	0.28	414	828
12	25	3.047	0.387	500	1000
12	30	3.17	0.51	600	1200
15	33.9	3.4	0.4	678	1356
15	40	3.52	0.52	800	1600
15	50	3.716	0.716	1000	2000

MC CHANNEL

SIZE	LBS./FT.	FLANGE WIDTH	WEB THICKNESS	LBS./20'	LBS./40'
A		B	C		
3	7.1	1.75	0.313	6.25	12.5
4	13.8	2.5	.500	10	20
6	12	2.497	0.31	240	480
6	15.1	2.941	0.316	302	604
6	15.3	3.5	0.34	306	612
6	16.3	3	0.375	326	652
6	18	3.504	0.379	360	720
7	19.1	3.452	0.352	382	764
7	22.7	3.603	0.503	454	908
8 JR	8.5	1.875	0.18	170	340
8	18.7	2.978	0.353	374	748
8	20	3.025	0.4	400	800
8	21.4	3.45	0.375	488	976
8	22.8	3.502	0.427	456	912
9	23.9	3.45	0.4	571.21	1142.42
9	25.4	3.5	0.45	508	1016
10 JR	6.50	1.125	0.150	130	260
10 JR	8.40	1.500	0.170	168	336
10	22	3.315	0.29	440	880
10	25	3.405	0.38	500	1000
10	28.5	3.95	0.425	570	1140

10	33.6	41	0.575	672	1344
10	41.1	4321	0.796	822	1644
12 JR	10.60	1.500	0.190	212	424
12	31	3.67	0.37	620	1240
12	35	3.765	0.465	700	1400
12	40	3.89	0.59	800	1600
12	45	4.01	0.71	900	1800
12	50	4.135	0.835	1000	2000
13	31.8	4	0.375	760	1520
13	35	4.072	0.447	700	1400
13	40	4.185	0.56	800	1600
13	50	4.412	0.787	1000	2000
18	42.7	3.95	0.45	854	1708
18	45.8	4	0.5	916	1832
18	51.9	4.1	0.6	1038	2076

Bar Channel

A-36

A	B	C	Lbs./Ft.	Lbs./20
1	1/2	1/8	.84	16.80
1 1/4	1/2	1/8	1.01	20.20
1 1/2	1/2	1/8	1.12	22.40
1 1/2	9/16	3/16	1.44	28.80
2	1/2	1/8	1.43	28.60
2	9/16	3/16	1.86	37.20
2	1	1/8	1.59	31.80
2	1	3/16	2.32	46.40

CHANNEL

ALUMINUM

Channels
 6061-T6 American Standard
 AMS QQ-A-200/16, ASTM B308,
 ASTM B221, AMS 4150
 25' Lengths

"A" Inches	"B" Inches	"T" Inches	Approx. WT./ FT.
3.000	1.410	.170	1.418
	1.498	.258	1.729
	1.596	.356	2.070
4.000	1.580	.180	1.846
	1.647	.247	2.163
	1.720	.320	2.505
5.000	1.750	.190	2.316
	1.885	.325	3.110
	2.032	.472	3.974
6.000	1.920	.200	2.826
	1.945	.225	3.002
	2.034	.314	3.630
	2.157	.438	4.505
7.000	2.110	.230	3.542
8.000	2.290	.250	4.252
10.000	2.600	.240	5.279
12.000	2.960	.300	7.411