

CHANNELS

 SUGAR STEEL CORPORATION

**STRUCTURAL
CHANNELS
MC CHANNELS
BAR CHANNELS**

STRUCTURAL CHANNELS

SECTION NUMBER	WEIGHT PER FOOT LBS.	DEPTH OF SECTION INCHES	FLANGE WIDTH INCHES	FLANGE THICKNESS INCHES	WEB THICKNESS INCHES	SECTION MODULUS
C 3 X	4.1	3	1.410	.273	.170	1.10
	5.0	3	1.498	.273	.258	1.24
	6.0	3	1.596	.273	.356	1.38
C 4 X	5.4	4	1.580	2.96	.184	1.93
	7.25	4	1.720	2.96	.321	2.29
C 5 X	6.7	5	1.750	.320	.190	3.00
	9.0	5	1.885	.320	.325	3.56
C 6 X	8.2	6	1.920	.343	.200	4.38
	10.5	6	2.034	.343	.314	5.06
	13.0	6	2.157	.343	.437	5.80
C 7 X	9.8	7	2.090	.366	.210	6.08
	12.25	7	2.194	.366	.314	6.93
	14.75	7	2.229	.366	.419	7.78
C 8 X	11.5	8	2.260	.390	.220	8.14
	13.75	8	2.343	.390	.303	9.03
	18.75	8	2.527	.390	.487	11.0
C 9 X	13.4	9	2.430	.413	.230	10.5
	15.0	9	2.485	.413	.285	11.3
	20.0	9	2.648	.413	.448	13.5
C 10 X	15.3	10	2.600	.436	.240	13.5
	20.0	10	2.739	.436	.379	15.8
	25.0	10	2.886	.436	.526	18.2
	30.0	10	3.033	.436	.673	20.7
C 12 X	20.7	12	2.942	.501	.282	21.5
	25	12	3.047	.501	.387	24.0
	30	12	3.170	.501	.510	27.0
C 15 X	33.9	15	3.400	.650	.400	42.0
	40.0	15	3.520	.650	.520	46.5
	50.0	15	3.716	.650	.716	53.8

MC CHANNELS

SECTION NUMBER	WEIGHT PER FOOT LBS.	DEPTH OF SECTION INCHES	FLANGE WIDTH INCHES	FLANGE THICKNESS INCHES	WEB THICKNESS INCHES	SECTION MODULUS
MC 7 X	19.1	7	3.450	0.500	0.350	12.3
	22.7	7	3.600	0.500	0.503	13.5
MC 8 X	8.5	8	1.875	0.311	0.179	5.83
	18.7	8	2.975	0.500	0.353	13.1
	20.0	8	3.025	0.500	0.400	13.6
	21.4	8	3.450	0.375	0.375	15.4
	22.8	8	3.502	0.525	0.427	16.0
MC 9 X	23.9	9	3.450	0.550	0.400	18.9
	25.4	9	3.500	0.550	0.450	18.9
MC 10 X	8.4	10	1.500	0.280	0.170	6.4
	22.0	10	3.315	0.575	0.312	19.7
	25.0	10	3.405	0.575	0.380	
	28.5	10	3.950	0.575	0.425	25.3
	33.6	10	4.100	0.575	0.575	
	41.1	10	4.321	0.575	0.796	
MC 12 X	10.6	12	1.500	0.700	0.190	1.50
	31.0	12	3.670	0.700	0.370	33.7
	35.0	12	3.767	0.700	0.465	36.0
	40.0	12	3.890	0.700	0.590	39.0
	45.0	12	4.010	0.700	0.710	41.9
	50.0	12	4.135	0.700	0.835	44.9
MC 13 X	31.8	13	4.000	0.610	0.375	36.7
	35.0	13	4.072	0.610	0.447	38.8
	40.0	13	4.185	0.610	0.560	41.9
	50.0	13	4.412	0.610	0.787	48.3
MC 18 X	42.7	18	3.950	0.625	0.450	61.5
	45.8	18	4.000	0.625	0.500	64.2
	51.9	18	4.100	0.625	0.600	69.6
	58.0	18	4.200	0.625	0.700	75.0

CHANNEL - BAR SIZE

SIZE IN INCHES	WEIGHT PER FOOT LBS.	SIZE IN INCHES	WEIGHT PER FOOT LBS.
C 1 X 1/2 X 1/8	0.84	C 2 X 9/16 X 3/16	1.86
C 1-1/4 X 1/2 X 1/8	1.01	C 2 X 5/8 X 1/4	2.28
C 1-1/2 X 1/2 X 1/8	1.12	C 2 X 1 X 1/8	1.59
C 1-1/2 X 9/16 X 3/16	1.44	C 2 X 1 X 3/16	2.32
C 2 X 1/2 X 1/8	1.43	C 2-1/2 X 5/8 X 3/16	2.27