

Bar Size Channel



Common grade: ASTM A36.....min. 36,000 yield / min. 58,000 tensile

Depth	Web		Flange		Weight (lbs.) per Foot	Weight (lbs.) per 20'
	Thickness		Width			
3/4	x	3/8	x	1/8	0.56	11.2
1	x	3/8	x	1/8	0.68	13.6
1	x	1/2	x	1/8	0.84	16.8
1 1/8	x	9/16	x	3/16	1.16	23.2
1 1/4	x	1/2	x	1/8	1.01	20.2
1 1/2	x	1/2	x	1/8	1.12	22.4
1 1/2	x	9/16	x	3/16	1.44	28.8
1 1/2	x	3/4	x	1/8	1.17	23.4
2	x	1/2	x	1/8	1.43	28.6
2	x	9/16	x	3/16	1.86	37.2
2	x	5/8	x	1/4	2.28	45.6
2	x	1	x	1/8	1.59	31.8
2	x	1		3/16	2.32	46.4
2 1/2	x	5/8	x	3/16	2.27	45.4

Standard Channel

Common grades: ASTM A36.....min. 36,000 yield / min. 58,000 tensile
 ASTM A572 Gr. 50.....min. 50,000 yield / 65,000 tensile



Depth	Weight (lbs.)		Web	Flange	Weight (lbs.)	Weight (lbs.)
		per Foot	Thickness	Width	per 20'	per 40'
C 3	x	4.100	0.170	1.410	82	164
		5.000	0.258	1.498	100	200
		6.000	0.356	1.596	120	240
C 4	x	5.400	0.184	1.584	108	216
		6.250	0.247	1.647	125	250
		7.250	0.321	1.721	145	290
C 5	x	6.700	0.190	1.750	134	268
		9.000	0.325	1.885	180	360
		8.200	0.200	1.920	164	328
C 6	x	10.500	0.314	2.034	210	420
		13.000	0.437	2.157	260	520
		9.800	0.210	2.090	196	392
C 7	x	12.250	0.314	2.194	245	490
		14.750	0.419	2.299	295	590
		11.500	0.220	2.260	230	460
C 8	x	13.750	0.303	2.343	275	550
		18.750	0.487	2.527	375	750
		13.400	0.233	2.433	268	536
C 9	x	15.000	0.285	2.485	300	600
		20.000	0.448	2.648	400	800
		15.300	0.240	2.600	306	612
C 10	x	20.000	0.379	2.739	400	800
		25.000	0.526	2.886	500	1000
		30.000	0.673	3.033	600	1200
C 12	x	20.700	0.282	2.942	414	828
		25.000	0.387	3.047	500	1000
		30.000	0.510	3.170	600	1200
C 15	x	33.900	0.400	3.400	678	1356
		40.000	0.520	3.520	800	1600
		50.000	0.716	3.716	1000	2000

MC Channel



Common grades: ASTM A36.....min. 36,000 yield / min. 58,000 tensile
 ASTM A572 Gr. 50.....min. 50,000 yield / min. 65,000 tensile

			Weight (lbs.) per Foot	Web Thickness	Flange Width	Weight (lbs.) per 20'	Weight (lbs.) per 40'
MC	3	x	7.1	0.312	1.938	142	284
MC	4	x	13.8	0.500	2.500	276	552
MC	6	x	12.0	0.310	2.497	240	480
			15.1	0.316	2.941	302	604
			15.3	0.340	3.500	306	612
			16.3	0.375	3.000	326	652
			18.0	0.379	3.504	360	720
MC	7	x	19.1	0.352	3.452	382	764
			22.7	0.503	3.603	454	908
			18.7	0.353	2.978	374	748
MC	8	x	20.0	0.400	3.025	400	800
			21.4	0.375	3.450	428	856
			22.8	0.427	3.502	456	912
			23.9	0.400	3.450	478	956
MC	9	x	25.4	0.450	3.500	508	1016
			22.0	0.312	3.500	440	880
			25.0	0.380	3.405	500	1000
MC	10	x	28.5	0.425	3.950	570	1140
			33.6	0.575	4.100	672	1344
			41.1	0.796	4.321	822	1644
			31.0	0.370	3.670	620	1240
			35.0	0.467	3.767	700	1400
MC	12	x	40.0	0.590	3.890	800	1600
			45.0	0.712	4.012	900	1800
			50.0	0.835	4.135	1000	2000
MC	13	x	31.8	0.375	4.000	636	1272
			50.0	0.787	4.412	1000	2000
MC	18	x	42.7	0.450	3.950	854	1708
			45.8	0.500	4.000	916	1832
			51.9	0.600	4.100	1038	2076
			58.0	0.700	4.200	1160	2320

JR Channel



Common grade: ASTM A36.....min. 36,000 yield / min. 58,000 tensile

			Weight (lbs.) per Foot	Web Thickness	Flange Width	Weight (lbs.) per 20'	Weight (lbs.) per 40'
JR	8	x	8.5	0.180	1.875	170	340
JR	10	x	6.5	0.152	1.127	130	260
			8.4	0.170	1.500	168	336
JR	12	x	10.6	0.190	1.500	212	424