

BAR SIZE ANGLES

Standard Lengths 20 Ft. A-36



<i>Size in Inches</i>					<i>Lbs./Ft.</i>
1/2	x	1/2	x	1/8	.36
3/4	x	3/4	x	1/8	.69
1	x	3/4	x	1/8	.70
1	x	1	x	1/8	.80
1	x	1	x	3/16	1.16
1	x	1	x	1/4	1.49
1 1/4	x	1 1/4	x	1/8	1.01
1 1/4	x	1 1/4	x	3/16	1.48
1 1/4	x	1 1/4	x	1/4	1.92
1 1/2	x	1 1/2	x	1/8	1.23
1 1/2	x	1 1/2	x	3/16	1.80
1 1/2	x	1 1/2	x	1/4	2.34
1 3/4	x	1 3/4	x	3/16	2.12
1 3/4	x	1 3/4	x	1/4	2.77
2	x	1 1/2	x	3/16	2.12
2	x	1 1/2	x	1/4	2.77
2	x	2	x	1/8	1.65
2	x	2	x	3/16	2.44
2	x	2	x	1/4	3.19
2	x	2	x	5/16	3.92
2	x	2	x	3/8	4.70
2 1/2	x	2	x	3/16	2.75
2 1/2	x	2	x	1/4	3.62
2 1/2	x	2	x	3/8	5.30
2 1/2	x	2 1/2	x	3/16	3.07
2 1/2	x	2 1/2	x	1/4	4.10
2 1/2	x	2 1/2	x	5/16	5.00
2 1/2	x	2 1/2	x	3/8	5.90
2 1/2	x	2 1/2	x	1/2	7.70

GALVANIZED ANGLES/ CHANNELS

Standard Lengths 20 Ft.

Size in Inches

Lbs./Ft.

1	x	1	x	1/8	.80
1 1/4	x	1 1/4	x	1/8	1.01
1 1/4	x	1 1/4	x	3/16	1.48
1 1/2	x	1 1/2	x	1/8	1.23
1 1/2	x	1 1/2	x	3/16	1.80
1 1/2	x	1 1/2	x	1/4	2.34
1 3/4	x	1 3/4	x	3/16	2.12
2	x	2	x	1/8	1.65
2	x	2	x	3/16	2.44
2	x	2	x	1/4	3.19
2 1/2	x	2 1/2	x	1/4	4.10
3	x	3	x	1/4	4.90
3 1/2	x	3 1/2	x	1/4	5.80
5	x	3 1/2	x	1/4	7.00
3" Channel					4.10
4" Channel					5.40

STRUCTURAL ANGLES

20 Ft. & 40 Ft. Lengths A-36



Size in Inches

Lbs./Ft.

3	x	2	x	3/16	3.07
3	x	2	x	1/4	4.10
3	x	2	x	5/16	5.00
3	x	2	x	3/8	5.90
3	x	2 1/2	x	1/4	4.50
3	x	2 1/2	x	3/8	6.60
3	x	3	x	3/16	3.71
3	x	3	x	1/4	4.90
3	x	3	x	5/16	6.10
3	x	3	x	3/8	7.20
3	x	3	x	1/2	9.40
3 1/2	x	2 1/2	x	1/4	4.90

STRUCTURAL ANGLES

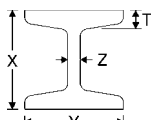
20 Ft. & 40 Ft. Lengths A-36 (Continued)



<i>Size in Inches</i>					<i>Lbs./Ft.</i>
3½	x	3	x	¼	5.40
3½	x	3	x	⅝	6.60
3½	x	3	x	¾	7.90
3½	x	3½	x	¼	5.80
3½	x	3½	x	⅝	7.20
3½	x	3½	x	¾	8.50
4	x	3	x	¼	5.80
4	x	3	x	⅝	7.20
4	x	3	x	¾	8.50
4	x	3	x	½	11.10
4	x	3½	x	⅝	7.70
4	x	3½	x	¾	9.10
4	x	4	x	¼	6.60
4	x	4	x	⅝	8.20
4	x	4	x	¾	9.80
4	x	4	x	½	12.80
5	x	3	x	¼	6.60
5	x	3	x	⅝	8.20
5	x	3	x	¾	9.80
5	x	3	x	½	12.80
5	x	3½	x	¼	7.00
5	x	3½	x	⅝	8.70
5	x	3½	x	¾	10.40
5	x	5	x	¾	12.30
5	x	5	x	½	16.20
6	x	3½	x	⅝	9.80
6	x	3½	x	¾	11.70
6	x	4	x	⅝	10.30
6	x	4	x	¾	12.30
6	x	4	x	½	16.20
6	x	6	x	¾	14.90
6	x	6	x	½	19.60
7	x	4	x	¾	13.60
8	x	4	x	½	19.60

STRUCTURAL I-BEAMS

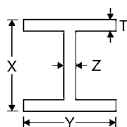
Standard Lengths 20 & 40 Ft. ASTM A36



Type	Lbs./Ft.	"X" Depth of Section	"Y" Flange Width	"T" Flange Thick- ness	"Z" Web Thick- ness
S-3	5.7	3	2.330	.260	.170
	7.5	3	2.509	.260	.349
S-4	7.7	4	2.660	.293	.190
	9.5	4	2.796	.293	.326
S-5	10.0	5	3.000	.326	.210
S-6	12.5	6	3.330	.359	.230
	17.25	6	3.565	.359	.465
S-7	15.3	7	3.660	.392	.250
S-8	18.4	8	4.000	.426	.270
	23.0	8	4.171	.426	.441
S-10	25.4	10	4.660	.491	.310
	35.0	10	4.944	.491	.594
S-12	31.8	12	5.000	.544	.350
S-15	42.9	15	5.550	.622	.410
S-18	54.7	18	6.000	.691	.460

WIDE FLANGE BEAMS

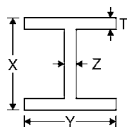
Standard Lengths 20, 40 & 60 Ft. ASTM A36



Type	Lbs./Ft.	"X" Depth of Section	"Y" Flange Width	"T" Flange Thick- ness	"Z" Web Thick- ness
W-4	13.0	4.16	4.060	.345	.280
W-5	16.0	5.01	5.000	.360	.240
	19.0	5.15	5.030	.430	.270
W-6	9.0	5.90	3.940	.215	.170
	12.0	6.03	4.000	.280	.230

WIDE FLANGE BEAMS

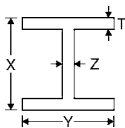
Standard Lengths 20, 40 & 60 Ft. ASTM A36 (Cont.)



Type	Lbs./Ft.	"X" Depth of Section	"Y" Flange Width	"T" Flange Thick- ness	"Z" Web Thick- ness
W-6	15.0	5.99	5.990	.260	.230
	20.0	6.20	6.020	.365	.260
	25.0	6.38	6.080	.455	.320
W-8	10.0	7.89	3.940	.205	.170
	13.0	7.99	4.000	.255	.230
	15.0	8.11	4.015	.315	.245
	18.0	8.14	5.250	.330	.230
	21.0	8.28	5.270	.400	.250
	24.0	7.93	6.495	.400	.245
	28.0	8.06	6.535	.465	.285
	31.0	8.00	7.995	.435	.285
	35.0	8.12	8.020	.495	.310
	40.0	8.25	8.070	.560	.360
	48.0	8.50	8.110	.690	.400
	58.0	8.75	8.220	.810	.510
W-10	12.0	9.87	3.960	.210	.190
	15.0	9.99	4.000	.270	.230
	19.0	10.24	4.020	.395	.250
	22.0	10.17	5.750	.360	.240
	26.0	10.33	5.770	.440	.260
	30.0	10.47	5.81	.510	.300
	33.0	9.73	7.960	.435	.290
	39.0	9.92	7.985	.530	.315
	45.0	10.10	8.020	.620	.350
	49.0	9.98	10.000	.560	.340
68.0	10.40	10.13	.770	.470	
W-12	14.0	11.91	3.970	.225	.200
	16.0	11.99	3.990	.265	.220
	19.0	12.16	4.005	.350	.235
	22.0	12.31	4.030	.425	.260
	26.0	12.22	6.490	.380	.230
	30.0	12.34	6.520	.440	.260
	35.0	12.50	6.560	.520	.300
	40.0	11.94	8.005	.515	.295
	50.0	12.19	8.080	.640	.370
	58.0	12.19	10.010	.640	.360
	65.0	12.12	12.000	.610	.390
W-14	22.0	13.74	5.000	.335	.230
	26.0	13.91	5.025	.420	.255
	30.0	13.84	6.730	.385	.270
	34.0	13.98	6.750	.460	.290
	43.0	13.66	7.995	.530	.305
	53.0	13.92	8.060	.660	.370

WIDE FLANGE BEAMS

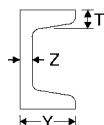
Standard Lengths 20, 40 & 60 Ft. ASTM A36 (Cont.)



Type	Lbs./Ft.	"X" Depth of Section	"Y" Flange Width	"T" Flange Thick- ness	"Z" Web Thick- ness
W-16	26.0	15.69	5.500	.345	.250
	31.0	15.88	5.530	.440	.280
	36.0	15.86	6.990	.430	.300
	40.0	16.01	6.995	.505	.305
	50.0	16.26	7.070	.630	.380
W-18	35.0	17.70	6.000	.430	.300
	40.0	17.90	6.015	.525	.315
	46.0	18.06	6.060	.605	.360
W-21	44.0	20.66	6.500	.450	.350

STRUCTURAL CHANNELS

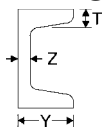
Standard Lengths 20 & 40 Ft. A-36



* Galvanized Available

Type	Lbs./Ft.	Flange Width "Y"	Flange Thick- ness "T"	Web Thick- ness "Z"
C-3	* 4.10	1.410	.273	.170
	5.00	1.498	.273	.258
C-4	* 5.40	1.584	.296	.184
	7.25	1.721	.296	.321
C-5	6.70	1.750	.320	.190
	9.00	1.885	.320	.325
C-6	8.20	1.920	.343	.200
	10.50	2.034	.343	.314
	13.00	2.157	.343	.437
C-7	9.80	2.090	.366	.210
	12.25	2.194	.366	.314
C-8	11.50	2.260	.390	.220
	13.75	2.343	.390	.303
	18.75	2.527	.390	.487
C-9	13.40	2.433	.413	.233
	15.00	2.485	.413	.285
C-10	15.30	2.600	.436	.240
	20.00	2.739	.436	.379
	25.00	2.886	.436	.526
	30.00	3.030	.440	.670
C-12	20.70	2.942	.501	.282
	25.00	3.050	.500	.390
C-15	33.90	3.400	.650	.400
	40.00	3.520	.650	.520

SHIP & CAR CHANNEL A-36



Type	Lbs./Ft.	"Y" Flange Width	"T" Flange Thick- ness	"Z" Web Thick- ness
MC 4	13.8	2.500	.530	.500
MC 6	12.0	2.497	.375	.310
MC 10	8.4	1.500	.260	.170
MC 12	10.6	1.500	.309	.190

Also Available:

HP Shapes • Crane Rail

BAR SIZE CHANNELS

A36 Standard Lengths 20 Ft.

Size in Inches					Lbs./Ft.
1	x	1/2	x	1/8	.80
1 1/2	x	1/2	x	1/8	1.12
2	x	1/2	x	1/8	1.43
2	x	5/8	x	1/4	2.28
2	x	1	x	1/8	1.78
2	x	1	x	3/16	2.57

Structural Processing Services

- Band Sawing
- Miter Cutting
- Flame Cutting
- Bending & Forming
- Rolling
- Drilling
- Punching
- Structural Fabrication
- Beam Splitting to Make "T" Shapes
- House Beam Setting (43' Reach)

Note: See Equipment and Services on pages 66-68 for details.