

ANGLES - Bar Size

ASTM A36

Stock Lengths 20' – 40'



Size Inches	Weight Foot Lbs.	Estimate 20' Bar	Estimate 40' Bar
1/2 x 1/2 x 1/8 . . .	.38 . . .	7.60	
5/8 x 5/8 x 1/8 . . .	.48 . . .	9.60	
3/4 x 3/4 x 1/8 . . .	.59 . . .	11.80	
7/8 x 7/8 x 1/8 . . .	.70 . . .	14.00	
1 x 5/8 x 1/8 . . . .	.64 . . .	12.80	
1 x 3/4 x 1/8 . . . .	.70 . . .	14.00	
1 x 1 x 1/8 . . . . .	.80 . . .	16.00	
3/16	1.16 . . .	23.20	
1/4	1.49 . . .	29.80	
1-1/4 x 1-1/4 x 1/8 .	1.01 . . .	20.20	
3/16	1.48 . . .	29.60	
1/4	1.92 . . .	38.40	
1-1/2 x 1-1/2 x 1/8 .	1.23 . . .	24.60	
3/16	1.80 . . .	36.00 . .	72.00
1/4	2.34 . . .	46.80 . .	93.60
3/8	3.35 . . .	67.00	
1-3/4 x 1-3/4 x 1/8 .	1.44 . . .	28.80	
3/16	2.12 . . .	42.40	
1/4	2.77 . . .	55.40	
2 x 1-1/4 x 3/16 . . .	1.96 . . .	39.20	
1/4	2.55 . . .	51.00	
2 x 1-1/2 x 1/8 . . .	1.44 . . .	28.80	
3/16	2.12 . . .	42.40 . .	84.80
1/4	2.77 . . .	55.40 . .	110.80
2 x 2 x 1/8	1.65 . . .	33.00	
3/16	2.44 . . .	48.80 . .	97.60
1/4	3.19 . . .	63.80 . .	127.60
5/16	3.92 . . .	78.40	
3/8	4.70 . . .	94.00 . .	188.00
2-1/2 x 1-1/2 x 3/16	2.44 . . .	48.80	
1/4	3.19 . . .	63.80	
2-1/2 x 2 x 3/16 . . .	2.75 . . .	55.00	
1/4	3.62 . . .	72.40	
5/16	4.50 . . .	90.00	
3/8	5.30 . . .	106.00	
2-1/2 x 2-1/2 x 3/16	3.07 . . .	61.40	
1/4	4.10 . . .	82.00 . .	164.00
5/16	5.00 . . .	100.00	
3/8	5.90 . . .	118.00 .	236.00
1/2	7.70 . . .	154.00	
3 x 2 x 3/16	3.07 . . .	61.40 . . .	122.80
1/4	4.10 . . .	82.00 . . .	164.00
5/16	5.00 . . .	100.00	
3/8	5.90 . . .	118.00 . . .	236.00
1/2	7.70 . . .	154.00 . . .	308.00

ANGLES - Structural

ASTM A36

Stock Lengths 20' – 40'



Size Inches	Weight Foot Lbs.	Estimate 20' Bar	Estimate 40' Bar
3 x 2-1/2 x 1/4 . . .	4.50 . . .	90.00 . . .	180.00
3/8	6.60 . . .	132.00 . . .	264.00
3 x 3 x 3/16	3.71 . . .	74.20 . . .	148.40
1/4	4.90 . . .	98.00 . . .	196.00
5/16	6.10 . . .	122.00 . . .	244.00
3/8	7.20 . . .	144.00 . . .	288.00
1/2	9.40 . . .	188.00 . . .	376.00
3-1/2 x 2-1/2 x 1/4 .	4.90 . . .	98.00 . . .	196.00
3/8	7.20 . . .	144.00 . . .	288.00
1/2	9.40 . . .	188.00 . . .	376.00
3-1/2 x 3 x 1/4 . . .	5.40 . . .	108.00 . . .	216.00
5/16	6.60 . . .	132.00 . . .	264.00
3/8	7.90 . . .	158.00 . . .	316.00
1/2	10.20 . . .	204.00 . . .	408.00
3-1/2 x 3-1/2 x 1/4 .	5.80 . . .	116.00 . . .	232.00
5/16	7.20 . . .	144.00 . . .	288.00
3/8	8.50 . . .	170.00 . . .	340.00
1/2	11.10 . . .	222.00 . . .	444.00
4 x 3 x 1/4	5.80 . . .	116.00 . . .	232.00
5/16	7.20 . . .	144.00 . . .	288.00
3/8	8.50 . . .	170.00 . . .	340.00
1/2	11.10 . . .	222.00 . . .	444.00
4 x 3-1/2 x 1/4 . . .	6.20 . . .	124.00 . . .	248.00
5/16	7.70 . . .	154.00 . . .	308.02
3/8	9.10 . . .	182.00 . . .	363.98
1/2	11.90 . . .	238.00 . . .	476.02
4 x 4 x 1/4	6.60 . . .	132.00 . . .	264.00
5/16	8.20 . . .	163.99 . . .	327.98
3/8	9.80 . . .	196.01 . . .	392.02
1/2	12.80 . . .	256.00 . . .	512.02
5/8	15.7	313.99 . . .	627.98
3/4	18.50 . . .	370.01 . . .	740.02
5 x 3 x 1/4	6.60 . . .	132.00 . . .	264.00
5/16	8.20 . . .	164.00 . . .	328.00
3/8	9.80 . . .	196.00 . . .	392.00
1/2	12.80 . . .	256.00 . . .	512.00
5 x 3-1/2 x 1/4 . . .	7.00 . . .	139.99 . . .	279.98
5/16	8.70 . . .	174.00 . . .	348.00
3/8	10.40 . . .	208.01 . . .	416.02
1/2	13.60 . . .	271.99 . . .	543.98

ANGLES - Structural

ASTM A36

Stock Lengths 20' – 40'



Size Inches	Weight Foot Lbs.	Estimate 20' Bar	Estimate 40' Bar
5 x 5 x 5/16	10.30 . . .	205.99..	411.98
3/8	12.30 . . .	246.00..	492.00
1/2	16.20 . . .	324.00..	648.00
6 x 3-1/2 x 5/16 . . .	9.80 . . .	196.00..	392.00
3/8	11.70 . . .	234.00..	468.00
1/2	15.30 . . .	306.00..	612.00
6 x 4 x 5/16	10.30 . . .	206.00..	412.00
3/8	12.30 . . .	246.00..	492.00
1/2	16.20 . . .	324.00..	648.00
5/8	20.00 . . .	400.00	
3/4	23.60 . . .	472.00..	944.02
6 x 6 x 3/8	14.90 . . .	298.01..	596.02
1/2	19.60 . . .	391.92..	783.98
5/8	24.20 . . .	484.01..	968.02
3/4	28.70 . . .	574.01..	1148.02
1	37.40 . . .	748.01..	1496.02
7 x 4 x 3/8	13.60 . . .	272.00..	544.00
1/2	17.90 . . .	358.00..	716.00
8 x 4 x 1/2	19.60 . . .	392.00..	784.00
8 x 6 x 1/2	23.00 . . .	460.00..	920.00
8 x 8 x 1/2	26.40 . . .	528.00..	1056.00

ANGLES - Formed

Produced from hot roll sheets,
ASTM A1011 CS Type B



	Wt. Ea.
2 x 2 x 1/8 x 10'	16.7
2-1/2 x 2-1/2 x 1/8 x 10'	22
3 x 2 x 1/8 x 10'	22
3 x 3 x 1/8 x 10'	25
4 x 2 x 1/8 x 10'	25

ANGLES - Galvanized

ASTM A36

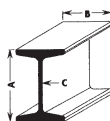


Size in Inches	Weight per Ft.	Estimate 20' bar
1-1/4 x 1-1/4 x 3/16	1.600	31.99
1-1/2 x 1-1/2 x 1/8	1.330	26.59
1-1/2 x 1-1/2 x 3/16	1.944	38.88
1-1/2 x 1-1/2 x 1/4	2.527	50.40
2 x 2 x 1/8	1.780	35.59
2 x 2 x 3/16	2.635	52.70
2 x 2 x 1/4	3.445	68.90
2-1/2 x 2 x 1/4	3.910	78.19
2-1/2 x 2-1/2 x 3/16	3.316	66.32
2-1/2 x 2-1/2 x 1/4	4.430	88.60
3 x 3 x 1/4	5.292	105.84
4 x 4 x 1/4	7.130	142.61

STANDARD I-BEAMS

A992 / A572-50

20' & 40' Stock Lengths



A DESIGNATION Depth/Inches x /Wt./Ft./Lbs.	C WEB Thickness Inches	B Flange Inches		Area Sq. In.	
		Width	Thickness		
S 3 x	5.7	.170	2.330	0.260	1.67
	7.5	.349	2.509	0.260	2.21
S 4 x	7.7	.193	2.663	0.293	2.26
	9.5	.326	2.796	0.293	2.79
S 5 x	10.0	.214	3.004	0.326	2.94
S 6 x	12.5	.232	3.332	0.359	3.67
	17.25	.465	3.565	0.359	5.07
S 8 x	18.4	.271	4.001	0.425	5.41
	23.0	.441	4.171	0.425	6.77
S10 x	25.4	.311	4.661	0.491	7.46
	35.0	.594	4.944	0.491	10.30
S12 x	31.8	.350	5.000	0.544	9.35

JR BEAMS

A992 / A572-50

M 3 x	2.9	.090	2.250	.130	.853
M 4 x	3.2	.092	2.250	.130	.940
M 6 x	4.4	.114	1.844	.171	1.290
M 8 x	6.5	.135	2.281	.189	1.920
M 10 x	9.0	.157	2.690	.206	2.650