

Bar Size Angle



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

Size					Weight (lbs.)	Weight (lbs.)
A	B	C			per Foot	per 20'
1/2	x 1/2	x 1/8			0.38	7.6
5/8	x 5/8	x 1/8			0.48	9.6
3/4	x 3/4	x 1/8			0.59	11.8
7/8	x 7/8	x 1/8			0.70	14.0
1	x 1	x 1/8			0.80	16.0
		3/16			1.16	23.2
		1/4			1.49	29.8
1 1/4	x 1 1/4	x 1/8			1.01	20.2
		3/16			1.48	29.6
		1/4			1.92	38.4
1 1/2	x 1 1/2	x 1/8			1.23	24.6
		3/16			1.80	36.0
		1/4			2.34	46.8
		3/8			3.35	67.0
1 3/4	x 1 3/4	x 1/8			1.44	28.8
		3/16			2.12	42.4
		1/4			2.77	55.4
2	x 1 1/4	x 3/16			1.96	39.2
	x 1 1/4	x 1/4			2.55	51.0
2	x 1 1/2	x 1/8			1.44	28.8
		3/16			2.12	42.4
		1/4			2.77	55.4
2	x 2	x 1/8			1.65	33.0
		3/16			2.44	48.8
		1/4			3.19	63.8
		5/16			3.92	78.4
		3/8			4.70	94.0
2 1/2	x 1 1/2	x 3/16			2.44	48.8
		1/4			3.19	63.8
		5/16			3.92	78.4
2 1/2	x 2	x 3/16			2.75	55.0
		1/4			3.62	72.4
		5/16			4.50	90.0
		3/8			5.30	106.0
2 1/2	x 2 1/2	x 3/16			3.07	61.4
		1/4			4.10	82.0
		5/16			5.00	100.0
		3/8			5.90	118.0
		1/2			7.70	154.0

Structural Angle



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

Size				Weight (lbs.) per Foot	Weight (lbs.) per 20'	Weight (lbs.) per 40'
A	B	C				
3	x 2	x	3/16	3.07	61.4	122.8
			1/4	4.10	82.0	164.0
			5/16	5.00	100.0	200.0
			3/8	5.90	118.0	236.0
			1/2	7.70	154.0	308.0
3	x 2 1/2	x	1/4	4.50	90.0	180.0
			5/16	5.60	112.0	224.0
			3/8	6.60	132.0	264.0
			1/2	8.50	170.0	340.0
3	x 3	x	3/16	3.71	74.2	148.4
			1/4	4.90	98.0	196.0
			5/16	6.10	122.0	244.0
			3/8	7.20	144.0	288.0
			1/2	9.40	188.0	376.0
3 1/2	x 2 1/2	x	1/4	4.90	98.0	196.0
			5/16	6.10	122.0	244.0
			3/8	7.20	144.0	288.0
			1/2	9.40	188.0	376.0
3 1/2	x 3	x	1/4	5.40	108.0	216.0
			5/16	6.60	132.0	264.0
			3/8	7.90	158.0	316.0
			1/2	10.20	204.0	408.0
3 1/2	x 3 1/2	x	1/4	5.80	116.0	232.0
			5/16	7.20	144.0	288.0
			3/8	8.50	170.0	340.0
			1/2	11.10	222.0	444.0
4	x 3	x	1/4	5.80	116.0	232.0
			5/16	7.20	144.0	288.0
			3/8	8.50	170.0	340.0
			1/2	11.10	222.0	444.0
4	x 3 1/2	x	1/4	6.20	124.0	248.0
			5/16	7.70	154.0	308.0
			3/8	9.10	182.0	364.0
			1/2	11.90	238.0	476.0
4	x 4	x	1/4	6.60	132.0	264.0
			5/16	8.20	164.0	328.0
			3/8	9.80	196.0	392.0
			1/2	12.80	256.0	512.0
			5/8	15.70	314.0	628.0
			3/4	18.50	370.0	740.0

5	x	3	x	1/4	6.60	132.0	264.0
				5/16	8.20	164.0	328.0
				3/8	9.80	196.0	392.0
				1/2	12.80	256.0	512.0
				5/8	16.80	336.0	672.0
5	x	3 1/2	x	1/4	7.00	140.0	280.0
				5/16	8.70	174.0	348.0
				3/8	10.40	208.0	416.0
				1/2	13.60	272.0	544.0
				5/8	16.80	336.0	672.0
5	x	5	x	5/16	10.30	206.0	412.0
				3/8	12.30	246.0	492.0
				1/2	16.20	324.0	648.0
				5/8	20.00	400.0	800.0
				3/4	23.60	472.0	944.0
6	x	3 1/2	x	1/4	7.90	158.0	316.0
				5/16	9.80	196.0	392.0
				3/8	11.70	234.0	468.0
				1/2	15.30	306.0	612.0
				5/16	10.30	206.0	412.0
6	x	4	x	3/8	12.30	246.0	492.0
				1/2	16.20	324.0	648.0
				5/8	20.00	400.0	800.0
				3/4	23.60	472.0	944.0
				5/16	12.50	250.0	500.0
6	x	6	x	3/8	14.90	298.0	596.0
				1/2	19.60	392.0	784.0
				5/8	24.20	484.0	968.0
				3/4	28.70	574.0	1148.0
				1	37.40	748.0	1496.0
7	x	4	x	3/8	13.60	272.0	544.0
				1/2	17.90	358.0	716.0
				5/8	22.10	442.0	884.0
				3/4	26.20	524.0	1048.0
				1/2	19.60	392.0	784.0
8	x	4	x	5/8	24.20	484.0	968.0
				3/4	28.70	574.0	1148.0
				1	37.40	748.0	1496.0
				1/2	23.00	460.0	920.0
				5/8	28.50	570.0	1140.0
8	x	6	x	3/4	33.80	676.0	1352.0
				1	44.20	884.0	1768.0
				1/2	26.40	528.0	1056.0
				5/8	32.70	654.0	1308.0
				3/4	38.90	778.0	1556.0
8	x	8	x	1	51.00	1020.0	2040.0
				1/2	21.30	426.0	852.0
				1/2	21.30	426.0	852.0
9	x	4	x	1/2	21.30	426.0	852.0