



## BAR SIZE ANGLES

SIZE	lbs/ft	20'	40'
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	----
1 x 1 x 1/8	0.80	16.0	----
1 x 1 x 3/16	1.16	23.2	----
1 x 1 x 1/4	1.49	29.8	----
1-1/4 x 1-1/4 x 1/8	1.01	20.2	----
1-1/4 x 1-1/4 x 3/16	1.48	29.6	----
1-1/4 x 1-1/4 x 1/4	1.92	38.4	----
1-1/2 x 1-1/2 x 1/8	1.23	24.6	----
1-1/2 x 1-1/2 x 3/16	1.80	36.0	----
1-1/2 x 1-1/2 x 1/4	2.34	46.8	----
1-1/2 x 1-1/2 x 5/16	2.86	57.2	----
1-1/2 x 1-1/2 x 3/8	3.35	67.0	----
1-3/4 x 1-3/4 x 1/8	1.44	28.8	----
1-3/4 x 1-3/4 x 3/16	2.12	42.4	----
1-3/4 x 1-3/4 x 1/4	2.77	55.4	----
2 x 1-1/4 x 3/16	1.96	39.2	----
2 x 1-1/4 x 1/4	2.55	51.0	----
2 x 1-1/2 x 1/8	1.44	28.8	----
2 x 1-1/2 x 3/16	2.12	42.4	----
2 x 1-1/2 x 1/4	2.77	55.4	----
2 x 2 x 1/8	1.65	33.0	----
2 x 2 x 3/16	2.44	48.8	97.6
2 x 2 x 1/4	3.19	63.8	127.6
2 x 2 x 5/16	3.92	78.4	156.8
2 x 2 x 3/8	4.70	94.0	188.0
2-1/2 x 1-1/2 x 3/16	2.44	48.8	97.6
2-1/2 x 1-1/2 x 1/4	3.19	63.8	127.6
2-1/2 x 1-1/2 x 5/16	3.92	78.4	156.8
2-1/2 x 2 x 3/16	2.75	55.0	110.0
2-1/2 x 2 x 1/4	3.62	72.4	144.8
2-1/2 x 2 x 5/16	4.50	90.0	180.0
2-1/2 x 2 x 3/8	5.30	106.0	212.0
2-1/2 x 2-1/2 x 3/16	3.07	61.4	122.8
2-1/2 x 2-1/2 x 1/4	4.10	82.0	164.0
2-1/2 x 2-1/2 x 5/16	5.00	100.0	200.0
2-1/2 x 2-1/2 x 3/8	5.90	118.0	236.0
2-1/2 x 2-1/2 x 1/2	7.70	154.0	308.0



**Metals**  
The Coeur d'Alenes Company

## STRUCTURAL ANGLES

SIZE	lbs/ft	20'	40'	SIZE	lbs/ft	20'	40'
3 x 2 x 3/16	3.07	61.4	122.8	5 x 3-1/2 x 1/4	7.0	140	280
1/4	4.10	82	164	5/16	8.7	174	348
5/16	5.00	100	200	3/8	10.4	208	416
3/8	5.90	118	236	1/2	13.6	272	544
1/2	7.70	154	308	5/8	16.8	336	672
3 x 2-1/2 x 3/16	3.39	67.8	135.6	3/4	19.8	396	792
1/4	4.50	90	180	5 x 5 x 5/16	10.3	206	412
5/16	5.60	112	224	3/8	12.3	246	492
3/8	6.60	132	264	1/2	16.2	324	648
1/2	8.50	170	340	5/8	20.0	400	800
3 x 3 x 3/16	3.71	74.2	148.4	3/4	23.6	472	944
1/4	4.90	98	196	6 x 3-1/2 x 1/4	7.9	158	316
5/16	6.10	122	244	5/16	9.8	196	392
3/8	7.20	144	288	3/8	11.7	234	468
1/2	9.40	188	376	1/2	15.3	306	612
3-1/2 x 2-1/2 x 1/4	4.9	98	196	6 x 4 x 5/16	10.3	206	412
5/16	6.1	122	244	3/8	12.3	246	492
3/8	7.2	144	288	1/2	16.2	324	648
1/2	9.4	188	376	5/8	20.0	400	800
3-1/2 x 3 x 1/4	5.4	108	216	3/4	23.6	472	944
5/16	6.6	132	264	6 x 6 x 5/16	12.4	248	496
3/8	7.9	158	316	3/8	14.9	298	596
1/2	10.2	204	408	1/2	19.6	392	784
3-1/2 x 3-1/2 x 1/4	5.8	116	232	5/8	24.2	484	968
5/16	7.2	144	288	3/4	28.7	574	1148
3/8	8.5	170	340	1	37.4	748	1496
1/2	11.1	222	444	7 x 4 x 3/8	13.6	272	544
4 x 3 x 1/4	5.8	116	232	1/2	17.9	358	716
5/16	7.2	144	288	5/8	22.1	442	884
3/8	8.5	170	340	3/4	26.2	524	1048
1/2	11.1	222	444	8 x 4 x 1/2	19.6	392	784
4 x 3-1/2 x 1/4	6.2	124	248	3/4	28.7	574	1148
5/16	7.7	154	308	1	37.4	748	1496
3/8	9.1	182	364	8 x 6 x 1/2	23.0	460	920
1/2	11.9	238	476	5/8	28.5	570	1140
4 x 4 x 1/4	6.6	132	264	3/4	33.8	676	1352
5/16	8.2	164	328	1	44.2	884	1768
3/8	9.8	196	392	8 x 8 x 1/2	26.4	528	1056
1/2	12.8	256	512	5/8	32.7	654	1308
5/8	15.7	314	628	3/4	38.9	778	1556
3/4	18.5	370	740	1	51.0	1020	2040
5 x 3 x 1/4	6.6	132	264	9 x 4 x 1/2	21.3	426	852
5/16	8.2	164	328	5/8	26.3	526	1052
3/8	9.8	196	392				
5 x 3 x 1/2	12.8	256	512				
5/8	15.7	314	628				