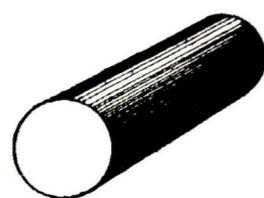


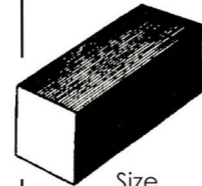
H.R. STRIP

Size	Weight per Foot	Weight of 20 Ft. Bar	Size	Weight per Foot	Weight of 20 Ft. Bar
1/8 x 3/8	.159	3.18	3/16 x 1/2	.319	6.38
x 1/2	.213	4.26	x 5/8	.398	7.96
x 3/8	.266	5.32	x 3/4	.478	9.56
x 3/4	.319	6.38	x 7/8	.558	11.16
x 7/8	.372	7.44	x 1	.638	12.76
x 1	.425	8.50	x 1 1/4	.797	15.94
x 1 1/8	.478	9.56	x 1 1/2	.956	19.12
x 1 1/4	.531	10.62	x 1 3/4	1.116	22.32
x 1 1/2	.638	12.76	x 2	1.275	25.50
x 1 3/4	.744	14.88	x 2 1/4	1.434	28.68
x 2	.850	17.00	x 2 1/2	1.594	31.88
x 2 1/4	.956	19.12	x 2 3/4	1.753	35.06
x 2 1/2	1.063	21.26	x 3	1.913	38.26
x 2 3/4	1.169	23.38	x 3 1/4	2.072	41.44
x 3	1.275	25.50	x 3 1/2	2.231	44.62
x 3 1/4	1.381	27.62	x 4	2.550	51.00
x 3 1/2	1.488	29.76	x 4 1/2	2.869	57.38
x 4	1.700	34.00	x 5	3.188	63.76
x 5	2.125	42.50	x 5 1/2	3.506	70.12
x 5 1/2	2.338	46.76	x 6	3.825	76.50
x 6	2.550	51.00	x 8	5.100	102.00
3/16 x 3/8	.239	4.78	x 10	6.375	127.00
			x 12	7.650	153.00



H.R. ROUNDS

Size	Weight per Foot	Weight of 20 Ft. Bar	Size	Weight per Foot	Weight of 20 Ft. Bar
1/4	.167	3.34	2 1/8	12.06	241.20
3/16	.261	5.22	2 1/4	13.52	270.40
3/8	.376	7.52	2 1/2	15.06	301.20
7/16	.511	10.22	2 3/4	16.69	333.80
1/2	.668	13.36	3	18.40	368.00
5/8	.845	16.90	3 1/4	20.19	403.80
3/4	1.043	20.86	3 1/2	24.03	480.60
7/8	1.502	30.04	4	28.21	564.20
1	2.045	40.90	4 1/4	32.71	654.20
1 1/4	2.670	53.40	4 1/2	37.55	751.00
1 1/2	3.380	67.60	5	42.73	854.60
1 3/4	4.170	83.40	5 1/4	48.23	964.60
1 7/8	5.050	101.00	5 1/2	54.08	1081.60
2	6.010	120.20	6	60.25	1205.00
	6.010	120.20		66.76	1335.20
	6.010	120.20		73.60	1472.00
	6.010	120.20		80.78	1615.60
	6.010	120.20		88.29	1765.80
	6.010	120.20		96.13	1922.60

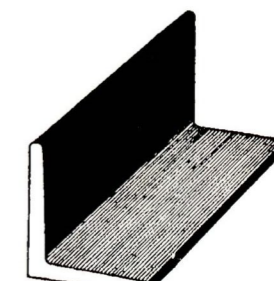


H.R. SQUARE

Size	Weight per Foot	Weight of 20 Ft. Bar	Size	Weight per Foot	Weight of 20 Ft. Bar
1/4	.213	4.26	1 1/2	7.65	153.00
3/16	.332	6.64	1 3/4	8.98	179.60
3/8	.478	9.56	1 3/4	10.41	208.20
7/16	.651	13.02	2	13.60	272.00
1/2	.85	17.00			
5/8	1.08	21.60			
3/4	1.328	26.56			
7/8	1.913	38.26			
1	2.60	52.00			
1 1/8	3.40	68.00			
1 1/4	4.30	86.00			
1 1/2	5.31	106.20			
1 3/4	6.43	128.60			
2	7.65	153.00			
	8.98	179.60			
	10.41	208.20			
	13.60	272.00			

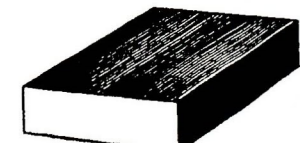
CONCRETE REINFORCING BARS

Bar No.	Diam No.	Weight lb. per ft.	No. Bars per ton
2	.250	.167	599
3	.375	.376	266
4	.50	.668	150
5	.625	1.043	96
6	.750	1.502	67
7	.875	2.044	49
8	1.00	2.670	38
9	1.128	3.400	29
10	1.270	4.303	23
11	1.410	5.313	19
14	1.692	7.650	13
18	2.257	13.600	7



ANGLES (bar sizes)

Size	Weight per Foot	Weight of 20 Ft. Bar	Size	Weight per Foot	Weight of 20 Ft. Bar
1/2 x 1/2 x 1/8	.38	7.6	2 x 1 1/2 x 1/4	2.77	55.4
3/4 x 3/4 x 1/8	.59	11.8	2 x 2 x 1/8	1.65	33.0
1 x 1 x 1/8	.80	16.0	x 3/16	2.44	48.8
x 3/16	1.16	23.2	x 1/4	3.19	63.8
x 1/4	1.49	29.8	x 3/8	3.92	78.4
1 1/4 x 1 1/4 x 1/8	1.01	20.2	x 1/2	4.70	94.0
x 3/16	1.48	29.6	2 1/2 x 1 1/2 x 3/16	2.44	48.8
x 1/4	1.92	38.4	x 1/4	3.19	63.8
1 1/2 x 1 1/2 x 1/8	1.23	24.6	x 3/16	3.92	78.4
x 3/16	1.80	36.0	2 1/2 x 2 x 3/16	2.75	55.0
x 1/4	2.34	46.8	x 1/4	3.62	72.4
1 3/4 x 1 3/4 x 1/8	1.44	28.8	x 3/16	4.50	90.0
x 3/16	2.12	42.4	x 3/8	5.30	106.0
x 1/4	2.77	55.4	2 1/2 x 2 1/2 x 3/16	3.07	61.4
x 3/16	3.39	67.8	x 1/4	4.10	82.0
x 3/8	3.99	79.8	x 3/16	5.00	100.0
2 x 1 1/2 x 1/8	1.44	28.8	x 3/8	5.90	118.0
x 3/16	2.12	42.4	x 1/2	7.70	154.0



H.R. FLATS

Size	Weight per Foot	Weight of 20 Ft. Bar	Size	Weight per Foot	Weight of 20 Ft. Bar
1/4 x 1/2	.4250	8.50	5/8 x 2 1/4	4.781	95.62
x 3/8	.5313	10.63	x 2 1/2	5.313	106.26
x 3/4	.6375	12.75	x 2 3/4	5.844	116.88
x 7/8	.7438	14.88	x 3	6.376	127.50
x 1	.8500	17.00	x 3 1/4	6.906	138.12
x 1 1/8	1.0625	21.25	x 3 1/2	7.438	148.76
x 1 1/2	1.275	25.50	x 4	8.500	170.00
x 1 3/4	1.488	29.76	x 4 1/2	9.563	191.26
x 2	1.700	34.00	x 5	10.625	212.50
x 2 1/4	1.913	38.26	x 6	12.750	255.00
x 2 1/2	2.125	42.50	3/4 x 1	2.5500	51.00
x 2 3/4	2.338	46.76	x 1 1/4	3.1875	63.75
x 3	2.550	51.00	x 1 1/2	3.825	76.50
x 3 1/2	2.975	59.50	x 1 3/4	4.463	89.26
x 4	3.400	68.00	x 2	5.100	102.00
x 4 1/2	3.825	76.50	x 2 1/4	5.738	114.76
x 5	4.250	85.00	x 2 1/2	6.375	127.50
x 6	5.100	102.00	x 2 3/4	7.013	140.26
3/16 x 3/4	.7969	15.94	x 3	7.650	153.00
x 1	1.0625	21.25	x 3 1/4	8.288	165.76
x 1 1/4	1.3281	26.56	x 3 1/2	8.925	178.50
x 1 1/2	1.594	31.88	x 4	10.200	204.00
x 1 3/4	1.859	37.18	x 4 1/2	11.475	229.50
x 2	2.125	42.50	x 5	12.750	255.00
x 2 1/4	2.391	47.82	x 6	15.300	306.00
x 2 1/2	2.656	53.12	7/8 x 1 1/4	3.719	74.38
x 2 3/4	2.921	58.42	x 1 1/2	4.463	89.26
x 3	3.188	63.76	x 1 3/4	5.206	104.12
x 3 1/2	3.719	74.38	x 2	5.950	119.00
x 4	4.250	85.00	x 2 1/4	6.694	133.88
x 5	5.313	106.26	x 2 1/2	7.438	148.76
x 6	6.375	127.50	x 2 3/4	8.181	163.62
3/8 x 1/2	.6375	12.75	x 3	8.925	178.50
x 3/8	.7969	15.94	x 3 1/4	9.669	193.38
x 3/4	.9563	19.13	x 3 1/2	10.413	208.26
x 1	1.2750	25.50	x 4	11.900	238.00
x 1 1/4	1.5938	31.88	x 4 1/2	13.388	267.76
x 1 1/2	1.913	38.26	x 5	14.875	297.50
x 1 3/4	2.231	44.62	x 6	17.850	357.00
x 2	2.550	51.00	1 x 1 1/4	4.250	85.00
x 2 1/4	2.869	57.38	x 1 1/2	5.100	102.00
x 2 1/2	3.188	63.76	x 1 3/4	5.950	119.00
x 2 3/4	3.506	70.12	x 2	6.800	136.00
x 3	3.825	76.50	x 2 1/4	7.650	153.00
x 3 1/2	4.463	89.26	x 2 1/2	8.500	170.00
x 4	5.100	102.00	x 2 3/4	9.350	187.00
x 4 1/2	5.738	114.76	x 3	10.200	204.00
x 5	6.375	127.50	x 3 1/4	11.050	221.00
x 5 1/2	7.013	140.26	x 3 1/2	11.900	238.00
x 6	7.650	153.00	x 4	13.600	272.00
1/2 x 3/4	1.275	25.50	x 4 1/2	15.300	306.00
x 1	1.700	34.00	x 5	17.000	340.00
x 1 1/4	2.125	42.50	x 6	20.400	408.00
x 1 1/2	2.550	51.00	1 1/4 x 2	8.500	170.00
x 1 3/4	2.975	59.50	x 2 1/4	9.563	191.26
x 2	3.400	68.00	x 2 1/2	10.625	212.50
x 2 1/4	3.825	76.50	x 3	12.750	255.00
x 2 1/2	4.250	85.00	x 3 1/2	14.875	297.50
x 2 3/4	4.675	93.50	x 4	17.000	340.00
x 3	5.100	102.00	x 4 1/2	19.125	382.50
x 3 1/2	5.950	119.00	x 5	21.250	425.00
x 4	6.800	136.00	x 6	25.500	510.00
x 4 1/2	7.650	153.00	1 1/2 x 2	10.200	204.00
x 5	8.500	170.00	x 2 1/2	12.750	255.00
x 6	10.200	204.00	x 3	15.300	306.00
5/8 x 1	2.125	42.50	x 3 1/2	17.850	357.00
x 1 1/4	2.6563	53.13	x 4	20.400	408.00
x 1 1/2	3.188	63.76	x 4 1/2	22.950	459.00
x 1 3/4	3.719	74.38	x 5	25.500	510.00
x 2	4.250	85.00	x 6	30.600	612.00

RELIABLE

HARDWARE and STEEL

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Hardware • Tools • Steel • Stainless Steel • Aluminum

STRUCTURAL CHANNELS

Size	Channel	Weight per Foot	Web Thickness	Flange Width
3/4 x 3/8 x 1/8		4.1	.170	1.410
1 x 1/2 x 1/8		5.0	.258	1.498
1 1/4 x 1/2 x 1/8		6.0	.356	1.596
1 1/2 x 1/2 x 1/8		5.4	.180	1.580
2 x 1 x 1/8		7.25	.320	1.720
2 x 1 x 3/16		6.7	.190	1.750
3		9.0	.325	1.885
3		12.50	3.330	.230
4		17.25	3.565	.465
4		15.30	3.660	.250
5		20.00	3.860	.450
5		25.40	4.000	.270
6		23.00	4.171	.441
7		25.40	4.660	.310
7		35.00	4.944	.594
8		31.80	5.000	.350
10		35.00	5.078	.428
12		40.80	5.250	.460
15		42.90	5.500	.410
15		50.00	5.640	.550
18		54.70	6.000	.460
18		70.00	6.251	.711
20		66.00	6.255	.505
20		75.00	6.391	.635
20		86.00	7.060	.660
24		80.00	7.000	.500
24		90.00	7.125	.625

STRUCTURAL I BEAMS

Size	Weight per Foot	Flange Width	Web Thickness
3</			