

A TABLE—Shewing the weight in pounds and decimals of a pound for One Lineal Foot of *Flat, Square, and Round Steel*, and of *Round Iron*, of different sizes :

STEEL.								ROUND IRON.				
FLAT.					SQUARE.		ROUND.		Size	weight	Size	weight
Width.	Thickness.				Size	weight	Size	weight	In.	lbs.	In.	lbs.
	$\frac{1}{4}$ in.	$\frac{3}{8}$ in.	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	In.	lbs.	In.	lbs.				
In.	lbs.	lbs.	lbs.	lbs.	1	0.213	1	0.167	1	0.163	21	13.25
1	0.852	1.27	1.70	2.13	1	0.479	1	0.376	1	0.368	21	14.76
1 $\frac{1}{4}$	0.958	1.43	1.91	2.39	1	0.855	1	0.669	1	0.654	21	16.36
1 $\frac{1}{2}$	1.06	1.59	2.13	2.66	1	1.33	1	1.04	1	1.02	21	18.03
1 $\frac{3}{4}$	1.27	1.91	2.55	3.19	1	1.91	1	1.50	1	1.47	21	19.79
2	1.49	2.23	2.98	3.72	1	2.61	1	2.05	1	2.00	21	21.63
2 $\frac{1}{4}$	1.70	2.55	3.40	4.26	1	3.40	1	2.67	1	2.61	21	23.56
2 $\frac{1}{2}$	1.91	2.87	3.83	4.79	1	4.34	1	3.38	1	3.31	21	25.56
2 $\frac{3}{4}$	2.13	3.20	4.26	5.32	1	5.32	1	4.18	1	4.09	21	27.65
3	2.34	3.51	4.68	5.85	1	6.44	1	5.06	1	4.94	21	29.82
3 $\frac{1}{4}$	2.55	3.83	5.11	6.39	1	7.67	1	6.02	1	5.89	21	32.07
3 $\frac{1}{2}$	2.77	4.15	5.53	6.92	1	9.00	1	7.07	1	6.91	21	34.40
3 $\frac{3}{4}$	2.98	4.47	5.98	7.45	1	10.14	1	8.20	1	8.01	21	36.81
4	3.19	4.79	6.38	7.98	1	11.98	1	9.41	2	9.20	21	39.31
4 $\frac{1}{4}$	3.40	5.10	6.80	8.52	2	13.63	2	10.71	2	10.47	21	41.88
										11.82	5	65.45
												

A TABLE—Shewing the weight in pounds and decimals of a pound for One Lineal Foot of *Flat and Square Bar Iron* of different sizes :

FLAT BAR.								SQUARE BAR.			
Width.	Thickness.							Size	weight	Size	Wgt.
	$\frac{1}{4}$ in.	$\frac{3}{8}$ in.	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	$\frac{7}{8}$ in.	1 in.	In.	lbs.	In.	lbs.
In.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	1	0.052	2 $\frac{1}{2}$	22.96
1	0.83	1.25	1.66	2.08	2.50	2.91	3.33	1	0.208	2 $\frac{3}{4}$	25.20
1 $\frac{1}{4}$	1.04	1.56	2.08	2.60	3.12	3.64	4.16	1	0.468	2 $\frac{7}{8}$	27.55
1 $\frac{1}{2}$	1.25	1.87	2.50	3.12	3.75	4.37	5.00	1	0.833	3	30.00
1 $\frac{3}{4}$	1.45	2.18	2.91	3.64	4.37	5.10	5.83	1	1.30	3 $\frac{1}{8}$	32.55
2	1.66	2.50	3.33	4.16	5.00	5.83	6.66	1	1.87	3 $\frac{1}{4}$	35.20
2 $\frac{1}{4}$	1.87	2.81	3.75	4.68	5.62	6.56	7.50	1	2.55	3 $\frac{3}{8}$	37.96
2 $\frac{1}{2}$	2.08	3.12	4.16	5.20	6.25	7.29	8.33	1	3.33	3 $\frac{1}{2}$	40.80
2 $\frac{3}{4}$	2.39	3.43	4.58	5.72	6.87	8.02	9.16	1	4.21	3 $\frac{5}{8}$	43.80
3	2.50	3.75	5.00	6.25	7.50	8.75	10.00	1	5.20	3 $\frac{7}{8}$	46.87
3 $\frac{1}{4}$	2.70	4.06	5.41	6.77	8.12	9.47	10.83	1	6.30	4	50.05
3 $\frac{1}{2}$	2.91	4.37	5.83	7.29	8.75	10.20	11.66	1	7.50	4 $\frac{1}{8}$	53.33
3 $\frac{3}{4}$	3.11	4.68	6.25	7.80	9.37	10.93	12.50	1	8.80	4 $\frac{1}{4}$	56.71
4	3.33	5.00	6.66	8.32	10.00	11.66	13.33	1	10.20	4 $\frac{3}{8}$	60.20
4 $\frac{1}{4}$	3.53	5.31	7.08	8.85	10.62	12.39	14.16	1	11.71	4 $\frac{1}{2}$	63.80
4 $\frac{1}{2}$	3.74	5.62	7.50	9.36	11.25	13.12	15.00	2	13.33	4 $\frac{3}{4}$	67.50
4 $\frac{3}{4}$	3.95	5.93	7.91	9.88	11.87	13.85	15.83	2	15.05	4 $\frac{7}{8}$	71.30
5	4.16	6.25	8.32	10.46	12.50	14.58	16.66	2	16.87	5	75.20
5 $\frac{1}{4}$	4.37	6.56	8.75	10.92	13.12	15.31	17.49	2	18.80	5 $\frac{1}{8}$	79.21
5 $\frac{1}{2}$	4.58	6.86	9.14	11.43	13.75	16.04	18.32	2	20.80	5 $\frac{1}{4}$	83.33
5 $\frac{3}{4}$	4.79	7.18	9.58	11.97	14.37	16.77	19.16				
6	5.00	7.50	10.00	12.50	15.00	17.50	20.00				