

Table No. 7.—Black-wire-rope Slings—continued.

TABLE OF SAFE-WORKING LOADS FOR BLACK-WIRE-ROPE SLINGS ON WHICH THE LOAD IS CARRIED ON TWO PARTS OR LEGS OF THE SLING, AND MADE OF ROPE HAVING THE BREAKING-LOAD SPECIFIED IN APPENDIX II—continued.

Size of Rope.		Safe Working-loads for various Distances between Legs.											
		B. = 1½ L.						B. = 1¼ L.					
Circumference, in Inches.	Diameter, in Inches (approximate).	Strands and Wires 6/19.		Strands and Wires 6/24.		Strands and Wires 6/37.		Strands and Wires 6/19.		Strands and Wires 6/24.		Strands and Wires 6/37.	
		Working-load, in Tons, &c.	Working-load, in Pounds.	Working-load, in Tons, &c.	Working-load, in Pounds.	Working-load, in Tons, &c.	Working-load, in Pounds.	Working-load, in Tons, &c.	Working-load, in Pounds.	Working-load, in Tons, &c.	Working-load, in Pounds.	Working-load, in Tons, &c.	Working-load, in Pounds.
1	5/16	T. cwt. qr. lb.		T. cwt. qr. lb.		T. cwt. qr. lb.		T. cwt. qr. lb.		T. cwt. qr. lb.		T. cwt. qr. lb.	
1½	3/8	0 11 1 9	1,269	0 10 0 22	1,142	0 10 3 23	1,227	0 8 1 5	929	0 7 1 24	836	0 8 0 2	898
1¾	7/16	0 13 3 26	1,566	0 13 3 26	1,566	0 14 1 12	1,608	0 10 0 26	1,146	0 10 0 26	1,146	0 10 2 1	1,177
2	13/32	0 17 3 1	1,989	0 17 0 0	1,904	0 16 1 0	1,820	0 13 0 0	1,456	0 12 1 22	1,394	0 11 3 16	1,332
2½	7/16	1 0 3 4	2,328	1 0 1 17	2,285	1 0 0 3	2,243	0 15 0 24	1,704	0 14 3 21	1,673	0 14 2 18	1,642
3	15/32	1 5 1 8	2,836	1 3 3 6	2,666	1 4 0 21	2,709	0 18 2 3	2,075	0 17 1 19	1,951	0 17 2 22	1,982
3½	1/2	1 10 2 12	3,428	1 7 2 10	3,090	1 9 0 11	3,259	1 2 1 17	2,509	1 0 0 21	2,261	1 1 1 5	2,385
4	9/16	1 14 1 16	3,852	1 11 2 27	3,555	1 14 0 1	3,809	1 5 0 19	2,819	1 3 0 26	2,602	1 4 3 16	2,788
4½	19/32	2 0 1 21	4,529	1 18 2 5	4,317	1 19 1 6	4,402	1 9 2 11	3,315	1 8 0 24	3,160	1 8 3 2	3,222
5	5/8	2 6 3 13	5,249	2 3 1 24	4,868	2 4 3 25	5,037	1 14 1 6	3,842	1 11 3 7	3,563	1 12 3 19	3,687
5½	11/16	2 11 1 17	5,757	2 8 1 14	5,418	2 11 1 17	5,757	1 17 2 13	4,213	1 15 1 17	3,965	1 17 2 13	4,213
6	23/32	2 18 3 23	6,603	2 14 0 5	6,053	2 17 3 8	6,476	2 3 0 17	4,833	1 19 2 6	4,430	2 2 1 8	4,740
6½	3/4	3 6 2 2	7,450	2 19 2 24	6,688	3 1 0 25	6,857	2 8 2 21	5,453	2 3 2 23	4,895	2 4 3 7	5,019
7	13/16	3 12 0 21	8,085	3 5 3 1	7,365	3 8 1 18	7,662	2 12 3 9	5,917	2 8 0 15	5,391	2 10 0 8	5,608
7½	27/32	3 17 1 26	8,678	3 14 3 9	8,381	3 16 1 11	8,551	2 16 2 23	6,351	2 14 3 2	6,134	2 15 3 14	6,258
8	7/8	4 6 2 6	9,694	4 1 2 15	9,143	4 4 1 4	9,440	3 3 1 11	7,095	2 19 3 0	6,692	3 1 2 21	6,909
8½	29/32	4 16 0 0	10,752	4 8 1 21	9,905	4 12 3 25	10,413	3 10 1 1	7,869	3 4 2 26	7,250	3 8 0 6	7,622
9	15/16	5 9 0 25	12,233	4 16 0 0	10,752	5 1 2 19	11,387	3 19 3 22	8,954	3 10 1 1	7,869	3 14 1 18	8,334
9½	1	5 16 0 3	12,995	5 3 2 6	11,598	5 11 0 13	12,445	4 4 3 20	9,512	3 15 3 5	8,489	4 1 1 9	9,109
10	11/32	6 6 3 27	14,223	5 15 1 3	12,911	5 15 2 17	12,953	4 12 3 22	10,410	4 4 1 14	9,450	4 4 2 17	9,481
10½	11/16	6 18 1 9	15,493	6 3 2 10	13,842	6 5 1 26	14,054	5 1 1 0	11,340	4 10 1 23	10,131	4 11 3 10	10,286
11	11/8	7 9 2 19	16,763	6 12 1 4	14,816	6 16 0 7	15,239	5 9 2 6	12,270	4 16 3 8	10,844	4 19 2 10	11,154
11½	15/32	7 17 3 26	17,694	7 0 3 25	15,789	7 6 2 16	16,424	5 15 2 15	12,951	5 3 0 20	11,556	5 7 1 9	12,021
12	13/16	8 10 1 23	19,091	7 10 0 5	16,805	7 17 2 12	17,652	6 4 3 1	13,973	5 9 3 8	12,300	5 15 1 12	12,920
12½	11/4	9 3 2 21	20,573	7 19 2 0	17,864	8 8 3 22	18,922	6 14 1 22	15,058	5 16 2 27	13,075	6 3 2 17	13,849
13	19/32	9 12 1 15	21,547	8 13 3 12	19,472	9 0 2 18	20,234	7 0 3 6	15,770	6 7 1 0	14,252	6 12 0 26	14,810
13½	15/16	10 6 1 13	23,113	9 4 0 7	20,615	9 13 0 15	21,631	7 11 0 5	16,917	6 14 2 25	15,089	7 1 1 12	15,832
14	11/32	10 15 3 7	24,171	9 14 1 2	21,758	10 5 2 12	23,028	7 17 3 24	17,692	7 2 0 21	15,925	7 10 1 27	16,855
14½	13/8	11 10 2 6	25,822	10 5 0 26	22,986	10 12 1 18	23,790	8 8 3 0	18,900	7 10 0 24	16,824	7 15 1 24	17,412
15	17/16	12 5 2 19	27,515	10 16 0 21	24,213	11 5 1 1	25,229	8 19 3 7	20,139	7 18 0 26	17,722	8 4 3 14	18,466
15½	15/32	12 15 3 14	28,658	11 7 2 3	25,483	11 19 1 0	26,796	9 7 1 4	20,976	8 6 2 4	18,652	8 15 0 12	19,612
16	11/2	13 11 3 0	30,436	12 4 2 4	27,388	12 13 0 26	28,362	9 18 3 17	22,277	8 18 3 26	20,046	9 5 1 11	20,759
16½	19/16	14 2 2 24	31,664	12 16 2 15	28,743	13 7 2 11	29,971	10 6 3 19	23,175	9 7 3 10	21,038	9 15 3 12	21,936
17	119/32	14 19 1 10	33,526	13 8 2 26	30,098	14 2 1 10	31,622	10 19 0 11	24,539	9 16 2 21	22,029	10 6 2 16	23,144
17½	15/8	15 16 1 11	35,431	14 1 2 9	31,537	14 17 3 9	33,357	11 11 2 5	25,933	10 6 0 10	23,082	10 17 3 27	24,415
18	111/16	16 14 1 27	37,463	14 14 1 20	32,976	15 13 2 23	35,135	12 4 3 8	27,420	10 15 2 0	24,136	11 9 2 12	25,716
18½	13/4	18 4 2 26	40,850	16 0 3 15	35,939	16 17 2 2	37,802	13 6 3 23	29,899	11 14 3 13	26,305	12 7 0 4	27,668
19	127/32	19 16 1 26	44,406	17 15 1 4	39,792	18 11 2 4	41,612	14 10 0 22	32,502	13 0 0 4	29,124	13 11 3 21	30,457
19½	129/32	21 16 2 5	48,893	19 4 1 15	43,051	20 6 2 21	45,549	15 19 2 2	35,786	14 1 1 10	31,510	14 17 2 18	33,338