
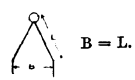


Table No. 8.—Galvanized-wire-rope Slings.

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

Size of Rope.		Safe-working Loads for various Distances between Legs.											
		 Legs Parallel.						 B = 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.	
1 1/4	3/8	0 16 2 8	1,856	0 14 3 12	1,664	0 17 0 16	1,920	0 14 1 11	1,607	0 12 3 13	1,441	0 14 3 10	1,662
1 1/2	7/16	1 0 0 0	2,240	1 0 0 0	2,240	1 1 0 16	2,368	0 17 1 7	1,939	0 17 1 7	1,939	0 18 1 6	2,050
1 3/4	13/32	1 5 2 24	2,880	1 4 2 8	2,752	1 2 3 12	2,560	1 2 1 2	2,494	1 1 1 3	2,383	0 19 3 5	2,217
2	7/8	1 9 2 24	3,328	1 9 0 16	3,264	1 8 2 8	3,200	1 5 2 26	2,882	1 5 0 26	2,826	1 4 2 27	2,771
2 1/4	15/32	1 16 2 8	4,096	1 14 1 4	3,840	1 16 0 0	4,032	1 11 2 19	3,547	1 9 2 21	3,325	1 11 0 19	3,491
2 1/2	1 1/2	2 4 0 0	4,928	1 19 1 20	4,416	2 1 0 16	4,608	1 18 0 11	4,267	1 14 0 16	3,824	1 15 2 14	3,990
2 3/4	9/16	2 9 0 16	5,504	2 8 2 8	5,440	2 8 2 8	5,440	2 2 2 6	4,766	2 2 0 7	4,711	2 2 0 7	4,711
3	5/8	2 17 2 24	6,464	2 15 1 20	6,208	2 16 0 0	6,272	2 9 3 25	5,597	2 8 0 0	5,376	2 8 1 27	5,431
3 1/4	11/16	3 6 3 12	7,488	3 2 1 4	7,488	3 4 2 8	7,232	2 17 3 16	6,484	2 13 3 21	6,041	2 15 3 19	6,263
3 1/2	11/8	3 13 2 24	8,256	3 9 2 24	7,808	3 13 2 24	8,256	3 3 3 9	7,149	3 0 1 13	6,761	3 3 3 9	7,149
3 3/4	23/32	4 8 0 0	9,856	4 1 0 16	9,088	4 2 3 12	9,280	3 16 0 23	8,535	3 10 1 2	7,870	3 11 3 0	8,036
4	3/4	4 15 1 20	10,688	4 9 2 24	10,048	4 13 0 16	10,432	4 2 2 16	9,256	3 17 2 21	8,701	4 0 2 18	9,034
4 1/4	13/16	5 2 3 12	11,520	4 18 1 4	11,008	5 1 0 16	11,328	4 9 0 8	9,976	4 5 0 13	9,533	4 7 2 10	9,810
4 1/2	27/32	5 10 3 12	12,416	5 7 1 20	12,032	5 14 3 12	12,864	4 16 0 0	10,752	4 13 0 4	10,420	4 9 1 24	11,140
4 3/4	7/8	6 4 0 0	13,888	5 17 0 16	13,120	6 6 3 12	14,208	5 7 1 15	12,027	5 1 1 22	11,362	5 9 3 12	12,304
5	29/32	6 17 0 16	15,360	6 6 3 12	14,208	6 17 0 16	15,360	5 18 3 2	13,302	5 9 3 12	12,304	5 18 3 2	13,302
5 1/4	15/8	7 6 1 4	16,384	7 2 3 12	16,000	7 12 0 0	17,024	6 6 2 20	14,188	6 3 2 24	13,856	6 11 2 15	14,743
5 1/2	15/8	8 6 1 4	18,624	7 13 2 24	17,216	7 18 3 12	17,792	7 4 0 0	16,128	6 13 0 13	14,909	6 17 2 8	15,408
5 3/4	11/2	8 16 0 0	19,712	8 5 0 16	18,496	8 5 2 24	18,560	7 12 1 19	17,071	7 3 0 2	16,018	7 3 2 1	16,073
6	11/16	9 6 3 12	20,928	8 17 0 16	19,840	9 0 0 0	20,160	8 1 3 8	18,124	7 13 1 17	17,181	7 15 3 15	17,459
6 1/4	11/8	10 3 1 20	22,784	9 15 1 20	21,888	9 14 1 4	21,760	8 16 0 19	19,731	8 9 0 27	18,955	8 8 1 0	18,844
6 1/2	15/8	10 14 1 4	24,000	10 8 0 0	23,296	10 9 2 24	23,488	9 5 2 8	20,784	9 0 0 14	20,174	9 1 2 13	20,341
6 3/4	13/16	11 12 0 0	25,984	11 1 2 24	24,832	11 5 2 24	25,280	10 0 3 18	22,502	9 12 0 1	21,505	9 15 1 25	21,893
7	1 1/4	12 10 1 4	28,032	11 8 2 8	25,600	12 1 2 24	27,072	10 16 3 0	24,276	9 17 3 22	22,170	10 9 1 9	23,445
7 1/4	19/32	13 9 0 16	30,144	12 9 0 16	27,904	12 18 3 12	28,992	11 13 0 9	26,105	10 15 3 1	24,165	11 4 0 19	25,107
7 1/2	15/8	14 2 1 4	31,616	13 3 1 20	29,504	13 16 2 8	30,976	12 4 1 24	27,380	11 8 0 15	25,551	11 19 2 2	26,826
7 3/4	11 1/2	14 15 1 20	33,088	14 6 1 4	32,064	14 14 3 12	33,024	12 15 3 11	28,655	12 7 3 20	27,768	12 15 1 11	28,599
8	13/8	15 16 0 0	35,392	15 1 2 24	33,792	15 13 0 16	35,072	13 13 2 18	30,650	13 1 1 4	29,264	13 11 0 21	30,373
8 1/4	17/16	17 4 0 0	38,528	16 5 2 24	36,480	16 12 2 8	37,248	14 17 3 18	33,366	14 2 0 8	31,592	14 8 0 1	32,257
8 1/2	15 1/2	17 18 3 12	40,192	17 2 1 4	38,336	17 12 2 8	39,488	15 10 3 3	34,807	14 16 1 19	33,199	15 5 1 9	34,197
8 3/4	11 1/2	19 1 2 24	42,752	17 18 3 12	40,192	18 13 0 16	41,792	16 10 2 8	37,024	15 10 3 3	34,807	16 3 0 16	36,192
9	19/16	19 16 2 8	44,416	18 7 1 20	41,152	19 13 2 24	44,096	17 3 1 21	38,465	15 18 0 22	35,638	17 0 3 24	38,188
9 1/4	11 1/2	20 12 2 8	46,208	19 13 2 24	44,096	20 15 1 20	46,528	17 17 1 5	40,017	17 0 3 24	38,188	17 19 3 2	40,294
9 1/2	15/8	..	..	20 12 0 0	46,144	21 17 2 24	49,024	..	..	17 16 3 5	39,961	18 19 0 8	42,456
9 3/4	11 1/2	..	..	21 10 1 4	48,192	23 0 2 8	51,584	..	..	18 12 2 15	41,735	19 18 3 13	44,673
10	123/32	..	..	22 9 2 24	50,368	23 12 0 0	52,864	..	..	19 9 1 23	43,619	20 8 3 1	45,781
10 1/4	13/4	..	..	23 8 2 8	52,480	24 15 1 20	55,488	..	..	20 5 3 5	45,449	21 9 0 6	48,054
10 1/2	125/32	..	..	24 8 2 8	54,720	25 7 1 20	56,832	..	..	21 3 0 12	47,388	21 19 1 21	49,217
10 3/4	127/32	..	..	25 8 2 8	56,960	26 12 0 0	59,584	..	..	22 0 1 20	49,328	23 0 2 25	51,601
11	17/8	..	..	26 9 0 16	59,264	27 17 0 16	62,400	..	..	22 18 1 0	51,324	24 2 2 0	54,040
11 1/4	129/32	..	..	27 10 1 4	61,632	29 16 0 0	66,752	..	..	23 16 2 6	53,374	25 16 0 16	57,808