
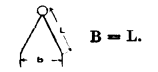


Table No. 8.—Galvanized-wire-rope Slings.

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.											
		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.							
Circumference, in Inches.	Diameter, in Inches (approximate).	Working-load, in Tons, &c.		Working-load, in Tons, &c.		Working-load, in Tons, &c.		Working-load, in Tons, &c.		Working-load, in Tons, &c.		Working-load, in Tons, &c.							
		T. cwt.	qr. lb.	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	5/16	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	3/8	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	7/16	1 5	2 24	2,880	1 4	2 8	2,752	1 2	3 12	2,560	1 1	1 3	2,494	1 1	1 3	2,383	0 19	3 5	2,217
1 1/2	15/32	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
1 1/2	1/2	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
1 1/2	9/16	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
1 1/2	10/32	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
1 1/2	11/32	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
2	5/8	3 6	3 12	7,488	3 2	1 4	6,976	3 4	2 8	7,232	2 17	3 16	6,484	2 13	8 21	6,041	2 15	3 19	6,263
2 1/4	11/16	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
2 1/4	13/32	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
2 1/4	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
2 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
2 1/4	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 19	1 24	11,140
2 1/4	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
2 1/4	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
3	15/16	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
3 1/4	1	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
3 1/4	1 1/32	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
3 1/4	1 1/16	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
3 1/4	1 1/8	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
3 1/4	15/32	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
3 1/4	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
3 1/4	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
4	1 1/2	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
4 1/4	15/16	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
4 1/4	1 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
4 1/4	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
4 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
4 1/4	1 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
4 1/4	1 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
4 1/4	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
5	1 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
5 1/4	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
5 1/4	1 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
5 1/4	13/8	..	..	..	22 9	2 24	50,368	23 12	0 0	52,864	..	..	..	19 9	1 23	43,619	20 8	3 1	45,781
5 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
5 1/4	1 1/2	..	..	..	24 8	2 8	54,720	25 7	1 20	56,832	..	..	..	21 3	0 12	47,388	21 19	1 21	49,217
5 1/4	17/32	..	..	..	25 8	2 8	56,960	26 12	0 0	59,584	..	..	..	22 0	1 20	49,328	23 0	2 25	51,601
5 1/4	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
6	1 1/2	..	..	..	27 10	1 4	61,632	29 16	0 0	66,752	..	..	..	23 16	2 6	53,374	25 16	0 16	57,808