





Table No. 23.—Fibre-rope Slings.

TABLE OF SAFE-WORKING LOADS FOR FIBRE-ROPE SLINGS ON WHICH THE LOAD IS CARRIED ON TWO PARTS OR LEGS OF THE SLING.

(Rope to be of best quality, closely spun, and not tarred, and to withstand a breaking-load not less than the breaking-load specified in Appendix IV.)

Size of Rope.		 Legs parallel.		 B = L.		 B = 1 1/2 L.		 B = 1 3/4 L.	
Circumference, in inches.	Diameter, in inches.	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.
					T. cwt. qr. lb.		T. cwt. qr. lb.		T. cwt. qr. lb.
1	5/16	202	0 1 3 6	175	0 1 2 7	134	0 1 0 22	98	0 0 3 14
1 1/4	13/32	315	0 2 3 7	272	0 2 1 20	208	0 1 3 12	152	0 1 1 12
1 1/2	15/32	454	0 4 0 6	393	0 3 2 1	300	0 2 2 20	220	0 1 3 24
1 3/4	9/16	616	0 5 2 0	534	0 4 3 2	407	0 3 2 15	298	0 2 2 18
2	5/8	805	0 7 0 21	697	0 6 0 25	532	0 4 3 0	389	0 3 1 25
2 1/4	23/32	1,021	0 9 0 13	884	0 7 3 16	675	0 6 0 3	494	0 4 1 18
2 1/2	13/16	1,260	0 11 1 0	1,091	0 9 2 27	833	0 7 1 21	610	0 5 1 22
2 3/4	7/8	1,525	0 13 2 13	1,321	0 11 3 5	1,009	0 9 0 1	738	0 6 2 10
3	15/16	1,813	0 16 0 21	1,570	0 14 0 2	1,199	0 10 2 23	878	0 7 3 10
3 1/4	11/32	2,128	0 19 0 0	1,843	0 16 1 23	1,407	0 12 2 7	1,030	0 9 0 22
3 1/2	1 1/8	2,470	1 2 0 6	2,139	0 19 0 11	1,634	0 14 2 10	1,196	0 10 2 20
3 3/4	13/16	2,835	1 5 1 7	2,455	1 1 3 19	1,875	0 16 2 27	1,372	0 12 1 0
4	19/32	3,226	1 8 3 6	2,794	1 4 3 22	2,134	0 19 0 6	1,562	0 13 3 22
4 1/4	11 1/32	3,641	1 12 2 1	3,153	1 8 0 17	2,408	1 1 2 0	1,762	0 15 2 26
4 1/2	17/16	4,081	1 16 1 21	3,534	1 11 2 6	2,699	1 4 0 11	1,975	0 17 2 15
4 3/4	11 1/2	4,548	2 0 2 12	3,939	1 15 0 19	3,008	1 6 3 12	2,202	0 19 2 18
5	119/32	5,040	2 5 0 0	4,364	1 18 3 24	3,333	1 9 3 1	2,439	1 1 3 3
5 1/2	13/4	6,097	2 14 1 21	5,280	2 7 0 16	4,033	1 16 0 1	2,951	1 6 1 11
6	129/32	7,258	3 4 3 6	6,286	2 16 0 14	4,801	2 2 3 13	3,514	1 11 1 14