

Table No. 5.

TABLE OF BREAKING-LOADS FOR HIGHER-GRADE ROUND FIBRE ROPES. This grade to be distinguished by a red thread spun into the centre of one strand.

(Ropes closely spun and not tarred.)

Size of Rope.		Breaking-load, in Pounds.	Size of Rope.		Breaking-load, in Pounds.
Circumference, in Inches.	Diameter, in Inches (approximate).		Circumference, in Inches.	Diameter, in Inches (approximate).	
1	5/16	1,012	3 1/2	1 1/8	12,352
1 1/4	13/32	1,575	3 3/4	1 3/16	14,175
1 1/2	15/32	2,272	4	1 9/32	16,132
1 3/4	9/16	3,082	4 1/4	1 11/32	18,206
2	5/8	4,027	4 1/2	1 7/16	20,407
2 1/4	23/32	5,107	4 3/4	1 1/2	22,744
2 1/2	13/16	6,300	5	1 9/32	25,200
2 3/4	7/8	7,627	5 1/2	1 3/4	30,487
3	15/16	9,067	6	1 29/32	36,292
3 1/4	1 1/32	10,642			

THIRD SCHEDULE.

Table No. 6.—Safe Working Loads.

TABLE OF SAFE-WORKING LOADS FOR SHORT-LINK CHAIN, AND FOR SINGLE SLINGS AND COLLAR SLINGS OF CHAIN CARRYING THE LOAD ON A SINGLE PART OF THE SLING.

Diameter of Iron of Chain, in Inches.	Maximum Safe-working Loads.		Diameter of Iron of Chain, in Inches.	Maximum Safe-working Loads.	
	Loads, in Tons, &c.	Loads, in Pounds.		Loads, in Tons, &c.	Loads, in Pounds.
	T. cwt. qr. lb.			T. cwt. qr. lb.	
1/16	0 6 3 0	756	1 3/16	7 12 1 5	17,057
1/8	0 10 2 5	1,131	1 1/4	8 8 3 0	18,900
3/16	0 15 0 21	1,701	1 5/16	9 6 0 5	20,837
1/4	1 0 2 19	2,315	1 3/8	10 4 0 21	22,869
5/16	1 7 0 0	3,024	1 1/2	11 3 0 19	24,995
3/8	1 14 0 19	3,827	1 5/8	12 3 0 0	27,216
7/16	2 2 0 21	4,725	1 3/4	13 3 2 19	29,531
1/2	2 11 0 5	5,717	1 7/8	14 5 0 21	31,941
5/8	3 0 3 0	6,804	1 15/16	15 7 2 5	34,445
3/4	3 11 1 5	7,985	1 7/8	16 10 3 0	37,044
7/8	4 2 2 21	9,261	1 15/16	17 14 3 5	39,737
1	4 14 3 19	10,631	1 7/8	18 19 2 21	42,525
1 1/16	5 8 0 0	12,096	1 15/16	20 5 1 19	45,407
1 1/8	6 1 3 19	13,655	2	21 12 0 0	48,384
1 1/4	6 16 2 21	15,309			