

Table No. 19.—Double-wire-rope Strops.

TABLE OF BREAKING-LOADS AND CORRESPONDING SAFE-WORKING LOADS FOR DOUBLE STROPS WITH A THIMBLE IN EACH END AND MADE OF BLACK-STEEL-WIRE ROPE OF PATENT IMPROVED PATENT STEEL QUALITY OF THE BREAKING-LOAD SPECIFIED IN APPENDIX II.

(Strop loaded as shown in Diagram No. 7.)

Two Ropes each of Size		Strands and Wires 6/19.			Strands and Wires 6/24.			Strands and Wires 6/37.		
Circumference, in Inches.	Diameter, in Inches.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.
2	5/8	24.8	T. cwt. qr. lb. 2 15 0 12	6,172	23.0	T. cwt. qr. lb. 2 11 0 12	5,724	23.8	T. cwt. qr. lb. 2 12 3 15	5,923
2 1/8	11/16	27.2	3 0 1 21	6,769	25.6	2 16 3 15	6,371	27.2	3 0 1 21	6,769
2 1/4	23/32	31.2	3 9 1 9	7,765	28.6	3 3 2 6	7,118	30.6	3 8 0 0	7,616
2 3/8	3/4	35.2	3 18 0 24	8,760	31.6	3 10 0 24	7,864	32.4	3 12 0 0	8,064
2 1/2	13/16	38.2	4 4 3 15	9,507	34.8	3 17 1 9	8,661	36.2	4 0 1 21	9,009
2 5/8	27/32	41.0	4 11 0 12	10,204	39.6	4 8 0 0	9,856	40.4	4 9 3 3	10,055
2 3/4	7/8	45.8	5 1 3 3	11,399	43.2	4 16 0 0	10,752	44.6	4 19 0 12	11,100
2 7/8	29/32	50.8	5 12 3 15	12,643	46.8	5 4 0 0	11,648	49.2	5 9 1 9	12,245
3	15/16	57.8	6 8 1 21	14,385	50.8	5 12 3 15	12,643	53.8	5 19 2 6	13,390

Table No. 20.—Double-wire-rope Strops.

TABLE OF BREAKING-LOADS AND CORRESPONDING SAFE-WORKING LOADS FOR DOUBLE STROPS WITH A THIMBLE IN EACH END AND MADE OF GALVANIZED-STEEL-WIRE ROPE OF HAWSER BASIC QUALITY OF THE BREAKING-LOAD SPECIFIED IN APPENDIX III.

(Strop loaded as shown in Diagram No. 7.)

Two Ropes each of Size		Strands and Wires 6/19.			Strands and Wires 6/24.			Strands and Wires 6/37.		
Circumference, in Inches.	Diameter, in Inches.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.
2	5/8	23.4	T. cwt. qr. lb. 2 12 0 0	5,824	21.8	T. cwt. qr. lb. 2 8 1 21	5,425	22.6	T. cwt. qr. lb. 2 10 0 24	5,624
2 1/8	11/16	25.8	2 17 1 9	6,421	24.4	2 14 0 24	6,072	25.8	2 17 1 9	6,421
2 1/4	23/32	30.8	3 8 1 21	7,665	28.4	3 3 0 12	7,068	29.0	3 4 1 21	7,217
2 3/8	3/4	33.4	3 14 0 24	8,312	31.4	3 9 3 3	7,815	32.6	3 12 1 21	8,113
2 1/2	13/16	36.0	4 0 0 0	8,960	34.4	3 16 1 21	8,561	35.4	3 18 2 18	8,810
2 5/8	27/32	38.8	4 6 0 24	9,656	37.6	4 3 2 6	9,358	40.2	4 9 1 9	10,005
2 3/4	7/8	43.4	4 16 1 21	10,801	41.0	4 11 0 12	10,204	44.4	4 18 2 18	11,050
2 7/8	29/32	48.0	5 6 2 18	11,946	44.4	4 18 2 18	11,050	48.0	5 6 2 18	11,946
3	15/16	51.2	5 13 3 3	12,743	50.0	5 11 0 12	12,444	53.2	5 18 0 24	13,240