

Table No. 29.—Galvanized-wire-rope Purchases.

TABLE OF SAFE-WORKING LOADS FOR A PURCHASE CARRYING THE LOAD ON **THREE PARTS** (DIAGRAM NO. 11).

(Ropes are to be equal to the breaking-loads specified in Table 3.)

Size of Rope.		Strands and Wires 6/12.		Strands and Wires 6/24.		Strands and Wires 6/30.	
Circumference, in Inches.	Diameter, in Inches (approx.).	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 1 1/4 1 1/2 1 3/4	5/16	T. cwt. qr. lb. 1 0 0 0	2,240	T. cwt. qr. lb. 1 6 0 0	2,912	T. cwt. qr. lb. 1 6 0 0	2,912
	13/32	1 11 0 0	3,472	2 4 0 0	4,928	1 16 0 0	4,032
	15/32	2 8 0 0	5,376	3 1 0 0	6,832	2 14 0 0	6,048
	9/16	3 4 0 0	7,168	4 7 0 0	9,744	3 15 0 0	8,400
2 1 1/2 1 3/4 2	5/8	4 3 0 0	9,296	5 12 0 0	12,544	5 0 0 0	11,200
	23/32	5 8 0 0	12,096	7 7 0 0	16,464	6 8 0 0	14,336
	13/16	6 12 0 0	14,784	8 17 0 0	19,824	7 12 0 0	17,024
	7/8	7 12 0 0	17,024	10 11 0 0	23,632	9 16 0 0	21,952
3	15/16	9 6 0 0	20,832	12 17 0 0	28,784	11 15 0 0	26,320

Table No. 30.—Galvanized-wire-rope Purchases.

TABLE OF SAFE-WORKING LOADS FOR A PURCHASE CARRYING THE LOAD ON **FOUR PARTS** (DIAGRAM NO. 12).

(Ropes are to be equal to the breaking-loads specified in Table 3.)

Size of Rope.		Strands and Wires 6/12.		Strands and Wires 6/24.		Strands and Wires 6/30.	
Circumference, in Inches.	Diameter, in Inches (approx.).	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 1 1/4 1 1/2 1 3/4	5/16	T. cwt. qr. lb. 1 6 2 18	2,986	T. cwt. qr. lb. 1 14 2 18	3,882	T. cwt. qr. lb. 1 14 2 18	3,882
	13/32	2 1 1 10	4,630	2 18 2 18	6,570	2 8 0 0	5,376
	15/32	3 4 0 0	7,168	4 1 1 10	9,110	3 12 0 0	8,064
	9/16	4 5 1 10	9,558	5 16 0 0	12,992	5 0 0 0	11,200
2 1 1/2 1 3/4 2	5/8	5 10 2 19	12,395	7 9 1 10	16,726	6 13 1 10	14,934
	23/32	7 4 0 0	16,128	9 16 0 0	21,952	8 10 2 18	19,114
	13/16	8 16 0 0	19,712	11 16 0 0	26,432	10 2 2 18	22,698
	7/8	10 2 2 18	22,698	14 1 1 10	31,510	13 1 1 10	29,270
3	15/16	12 8 0 0	27,776	17 2 2 18	38,378	15 13 1 10	35,094