



SINCE 1857 | OUR KNOWLEDGE IS YOUR STRENGTH

TECH-DATA SHEET

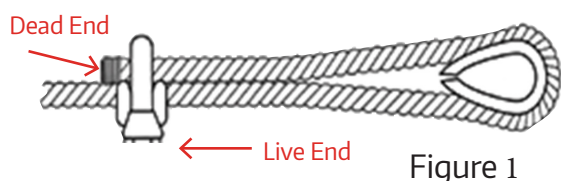


Figure 1

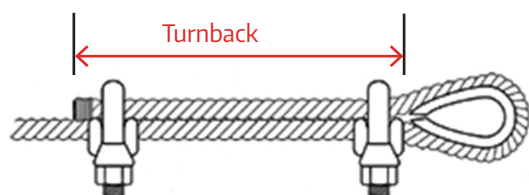
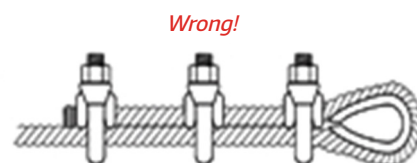
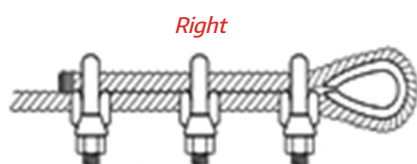


Figure 2



Figure 3



Wire Rope Clips

Proper Installation

Wire rope clips should be inspected to ensure that they are free from nicks, cracks and other gouges, that there are no suspicious marks of repairs or reshaping and that the correct size clips have been chosen for the job.

STEP 1

Turn back specified length of wire rope from thimble (refer to charts). Put first clip one saddle's width from seized "dead end". (Figure 1). Seat "live end" (load carrying) of the wire rope in saddle and position U-bolt over "dead end." Tighten nuts evenly to the proper torque.

STEP 2

Put the second clip as near the loop or thimble as possible (Figure 2). Install nuts firmly but do not yet tighten to proper torque.

STEP 3

Install all remaining clips equally spaced between the first two clips (Figure 3). Install nuts firmly but do not yet tighten to proper torque. Apply light tension to wire rope assembly to take up rope slack and then tighten all nuts evenly to proper torque.

STEP 4

Apply an initial test load to the assembly that is of equal or greater weight than expected during normal use. Retighten nuts to recommended torque. Inspect and retighten periodically.

Instructions apply to right regular and lang lay constructions, 6x19 or 6x37 class, fibre core or IWRC wire rope. For Seale or similar construction on 1" diameter rope use 1 additional clip and increase turnback proportionately. Match clip size with rope size. Do not use rope clips for elevator, personnel hoist or scaffold applications.



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Drop Forged Wire Rope Clips

Clip Size (Inches)	Minimum No. of Clips	Amount of Rope to Turn Back (Inches)	Nut Torque in Ft. Lbs.
1/8	2	3-1/4	4.5
3/16	2	3-3/4	7.5
1/4	2	4-3/4	15
5/16	2	5-1/4	30
3/8	2	6-1/2	45
7/16	2	7	65
1/2	3	11-1/2	65
5/8	3	12	95
3/4	4	18	130
7/8	4	19	225
1	5	26	225



Double Grip Drop Forged Wire Rope Clips

Clip Size (Inches)	Minimum No. of Clips	Amount of Rope to Turn Back (Inches)	Nut Torque in Ft. Lbs.
1/4	2	4	30
5/16	2	5	30
3/8	2	5-1/2	45
1/2	3	11	65
9/16	3	12-3/4	130
5/8	3	13-1/2	130
3/4	3	16	225
7/8	4	26	225
1	5	37	225

Malleable Wire Rope Clips

Clip Size (Inches)	Minimum No. of Clips	Amount of Rope to Turn Back (Inches)	Nut Torque in Ft. Lbs.
1/16	3	4	2
1/8	3	4-3/4	3
3/16	3	5-1/2	4.5
1/4	3	7	15
5/16	3	7-3/4	15
3/8	3	9-1/2	30
7/16	3	10-3/4	30
1/2	4	15-1/4	45
5/8	4	16	75
3/4	5	22-1/4	75
7/8	5	25	100
1	6	30	100

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