

SAFETY MEETING

Company Name: Superior Waterproofing Tool Talk # 22 Date: 7/10/2020

Fist Grip Clips - Installation Instructions



Step 1. Refer to Table 1 following these instructions. Turn back specified amount of rope from thimble or loop. Apply first clip one base width from dead end of rope. Tighten nuts evenly, alternate from one nut to the other until reaching the recommended torque.



Step 2. When two clips are required, apply the second clip as near the loop or thimble as possible. Tighten nuts evenly, alternating until reaching the recommended torque. When more than two clips are required, apply the second clip as near the loop or thimble as possible, turn nuts on second clip firmly, but do not tighten. Proceed to Step 3.



Step 3. When three or more clips are required, space additional clips equally between first two - take up rope slack - tighten nuts on each Fist Grip evenly, alternating from one nut to the other until reaching recommended torque.

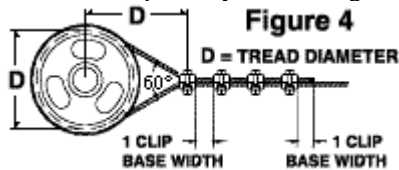


Figure 4. If a pulley (Sheave) is used, in place of a thimble add one additional Fist Grip. Fist Grip spacing should be as shown.

Wire Rope Splicing Procedures:



Figure 5. The preferred method of splicing two wire ropes together is to use interlocking turnback eyes with thimbles, using the recommended number of clips on each eye (See Figure 1).

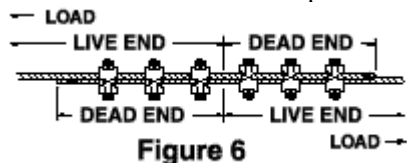


Figure 6. An alternate method is to use twice the number of clips as used for a turnback termination. The rope ends are placed parallel to each other, overlapping by twice the turnback amount shown in the application instructions. The minimum number of clips should be installed on each dead end (See figure 2). Spacing, installation torque, and other instructions still apply.

IMPORTANT - Apply first load to test the assembly. This load should be of equal or greater weight than loads expected in use. Next, check and retighten nuts to recommended torque. In accordance with good rigging and maintenance practices, the wire rope end termination should be inspected periodically for wear, abuse, and general adequacy.

****COVID-19 is still a problem. Use all safety precautions, mask, cleaners, sanitizers etc.**

WHAT UNSAFE OPERATIONS DID YOU FIND ON YOUR JOBSITE THIS WEEK? _____

What Corrective action was taken? _____

Meeting Attended By _____

Table 1				
Clip Size (Inches)	Rope Size (Inches)	Minimum No. of Clips	Amount of Rope to Turn Back in Inches	*Torque in Ft. Lbs.
3/16	3/16	2	4	30
1/4	1/4	2	4	30
5/16	5/16	2	5	30
3/8	3/8	2	5-1/4	45
7/16	7/16	2	6-1/2	65
1/2	1/2	3	11	65
9/16	9/16	3	12-3/4	130
5/8	5/8	3	13-1/2	130
3/4	3/4	3	16	225
7/8	7/8	4	26	225
1	1	5	37	225
1-1/8	1-1/8	5	41	360
1-1/4	1-1/4	6	55	360
1-3/8	1-3/8	6	62	500
1-1/2	1-1/2	7	78	500

If a pulley (sheave) is used for turning back the wire rope, add one additional clip. See Figure 4.

If a greater number of clips are used than show in the table, the amount of turnback should be increased proportionately.

* The tightening torque values shown are based upon the threads being clean, dry, and free of lubrication.