

# Forged Wire Rope Clip



## 'OCEAN' Wire Rope Clips

### WARNINGS AND APPLICATION INSTRUCTIONS



## WARNING

- Failure to read, understand and follow these instructions may cause death or serious injury
- Read and understand these instructions before using clips
- Match the same size clip to the same size wire rope
- Prepare wire rope and termination only as instructed
- Do not use with plastic coated wire rope
- 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

Efficiency ratings for wire rope end terminations are based on the catalog strength of standard EIPS wire rope. The efficiency rating of a properly prepared loop or thimble eye termination for clip sizes 1/8" through 7/8" is 80%, and for 1" through 3-1/2" is 90%.

Based on RRL or RLL wire rope class 6x19 or 6x37, FC or IWRC, EEIPS. If Seale construction or similar large outer wire type construction in the 6x19 class is to be used add one extra clip. If a pulley or sheave is to be used, add one extra clip.

For elevator, personal hoist, and scaffold applications refer to ANSI A17.1 and ANSI A10.4. These standards do not recommend U-Bolt wire rope terminations.

Turn back specified amount of rope from thimble or loop. Apply first clip one base width from dead end of rope, live end rests in saddle. Use torque wrench to tighten evenly alternating from one nut to the other until achieving recommended torque.



Apply the second clip as near the loop or thimble as possible, if more than two clips are required, tighten firmly but do not torque, go to the next step. If only two clips are required tighten evenly while alternating nuts until reaching the recommended torque.



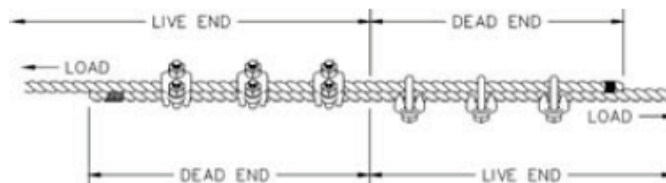
Space additional clips evenly between the first two clips, take up the rope slack, and tighten evenly on each U-Bolt including the clip closest to the eye, alternating nuts until reaching recommended torque.



The recommended method of joining two wire ropes together with U-Bolt clips is to use inter locking turn back eyes with thimbles while using the recommended number of clips on each eye.



An alternate method is to use twice the number of clips as used by a turn back termination. The rope ends are placed parallel to each other overlapping by twice the turn back amount recommended, while using the minimum amount of clips on each dead end. Tighten evenly on each U-Bolt alternating nuts until reaching recommended torque.



**WARNING**  
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT

\*\* Remember apply the first load to test the assembly as mentioned in the warnings \*\*

If a greater number of clips are used than shown in the chart, the amount of turn back should be increased proportionately.

# iRSi

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