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## ASSEMBLY OF WIRE ROPE CLIPS TO WIRE ROPE

1. Starting on one end of the structure, turn back 16 inches of wire rope from thimble loop of the eye-bolt. Apply first wire rope clip 4 inches from dead end of rope. Apply U-bolt over dead end of rope - live end rests in saddle (Never saddle a dead horse!). Tighten nuts evenly, alternate from one nut to the other until reaching 45 lbf. ft. of torque.
2. Apply the second clip 4 inches or as close as possible to the loop or thimble, turn nuts on second clip firmly, but do not tighten.
3. Apply the third clip equally between the first two clips, which should be 4 inches, tighten nuts on each U-bolt evenly, alternating from one nut to the other until reaching the recommended torque.
4. Return to second clip and take up rope slack by pushing the clip into the thimble or loop, tighten nuts to recommended torque.
5. Loop rope through opposite end eye-bolt with 10 lb. weight placed at the center of rope for 16 inches of deflection, repeat steps 1 thru 4.
6. **IMPORTANT** In accordance with proper maintenance practices, the wire rope end termination should be inspected periodically for wear, abuse and general adequacy.

**Please see OSHA Standards 1926.502(d)(8), (9), and (15) which state:**

**1926.502(d)(8)**

Horizontal lifelines shall be designed, installed, and used, under the supervision of a qualified person, as part of a complete personal fall arrest system, which maintains a safety factor of at least two.

**1926.502(d)(9)**

Lanyards and vertical lifelines shall have a minimum breaking strength of 5,000 pounds (22.2 kN).

**1926.502(d)(15)**

Anchorage used for attachment of personal fall arrest equipment shall be independent of any anchorage being used to support or suspend platforms and capable of supporting at least 5,000 pounds (22.2 kN) per employee attached, or shall be designed, installed, and used as follows:

**Note:** These rating requirements are why the cable that is used is rated to 14,400 lbs.

# WARNING

**READ**, understand and follow the instructions, failure to do so may cause death or serious bodily injury.

**ALWAYS** match the clip to the same size wire rope.

**ALWAYS** prepare wire rope and end termination as instructed.

**NEVER** use plastic coated wire rope with wire rope clips.

**ALWAYS** check and retighten nuts to the recommended torque of 45 lbf. ft.

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
TOLERANCES  
FRACTIONAL ± 1/16"  
ANGULAR BEND ± 2°



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PROPRIETARY AND CONFIDENTIAL	MATERIAL	VARIED	CREATED	BDJ	DATE	SIZE	DRAWING NUMBER	REVISION
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	DO NOT SCALE DRAWING	UPDATED	Tuesday, July 12, 2022 3:07:46 PM			WEIGHT:	SHEET 2 OF 2	

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