



# MALLEABLE WIRE ROPE CLIPS APPLICATION INFORMATION

USE: Malleable wire rope clips are to be used for making eye splices in right regular lay wire rope for non-critical, light duty applications only. Typical uses include guard lines and fencing.

## **WARNING**

**IMPROPER USE OF WIRE ROPE CLIPS AND THIMBLES CAN RESULT IN BODILY INJURY OR PROPERTY DAMAGE. DO NOT USE MALLEABLE WIRE ROPE CLIPS FOR CRITICAL OR LIFTING APPLICATIONS.**

**LOAD MAY BE SUDDENLY RELEASED RESULTING IN INJURY.**

- Refer to construction or industry standards for hardware and rope terminations to be used for critical or lifting applications.

### INSTALLATION:

- Refer to **TABLE 1** (at right) for clip size and number of clips required. Then, turn back the amount of wire rope indicated in the table. Use a wire rope thimble.
- Attach the first clip so the U-Bolt is one clip base width from the dead end of the wire rope. It is important that the live end of wire rope is seated in the saddle of the clip base. Refer to illustration Step 1 for proper orientation of clip and U-Bolt relative to rope. Tighten the nuts to the torque value given in the table.
- Attach second clip as close as possible to the loop formed by the thimble. Secure nuts firmly but do not torque to table values. Refer to Illustration Step 2.
- Attach additional clips specified in the table. Space evenly between first two clips. Refer to illustration Step 3.
- Torque all nuts evenly to torque value specified in table.
- Retorque all nuts after initial loading and periodically thereafter.

## **WARNING**

**FAILURE TO APPLY WIRE ROPE CLIPS AS SPECIFIED OR FAILURE TO RETORQUE NUTS PERIODICALLY CAN RESULT IN LOAD RELEASE RESULTING IN INJURY.**

**TABLE 1**

**MALLEABLE WIRE ROPE CLIP DATA**

SIZE (INCHES)	MINIMUM NO. OF CLIPS	DIXIE BULK PACK NO.	DIXIE SHELF PACK NO.	WIRE ROPE TURN BACK (INCHES)	TORQUE FT. LBS.
1/16	3	86980	87980	4	2
1/8	3	86990	87090	4 3/4	3
3/16	3	86190	87190	5 1/2	4.5
1/4	3	86290	87290	7	12
5/16	3	86390	87390	7 3/4	12
3/8	3	86490	87490	9 1/2	18.5
7/16	3	86590	87590	10 1/4	18.5
1/2	4	86600	87600	15 1/4	25
9/16	4	86790	87790	16	35
5/8	4	86800	87800	16	35
3/4	5	86900	87900	22 1/4	60
7/8	5	86910	-	23 1/2	100
1	6	86920	-	31	100
1 1/8	7	86930	-	39 1/2	140
1 1/4	8	86940	-	50	140
1 1/2	9	86960	-	60 1/2	275



**STEP 1**



**STEP 2**



**STEP 3**