## Wire Rope Clips



| Imperia |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| in. |  | in. | in. | in. | in. | in. | in. | in. | in. |  | ft./lb. | in. | lb. |
| 1/8* | M244 | 1/8-24UNC | 23/32 | 7/16 | 15/32 | 13/32 | 3/8 | 13/16 | 15/16 | 2 | 4-1/2 | 3-1/4 | 5 |
| 3/16* | M245 | 1/4-20UNC | 31/32 | 9/16 | 19/32 | 1/2 | 1/2 | 15/16 | 1-5/32 | 2 | 7-1/2 | 3-3/4 | 9 |
| 1/4 | M246 | 5/16-18UNC | 1-1/32 | 1/2 | 3/4 | 31/32 | 9/16 | 1-3/16 | 1-7/16 | 2 | 15 | 4-3/4 | 18 |
| 5/16 | M247 | 3/8-16UNC | 1-3/8 | 3/4 | 7/8 | 23/32 | 11/16 | 1-5/16 | 1-11/16 | 2 | 30 | 5-1/4 | 30 |
| 3/8 | M248 | 7/16-14UNC | 1-1/2 | 3/4 | 1 | 29/32 | 3/4 | 1-5/8 | 1-15/16 | 2 | 45 | 6-1/2 | 42 |
| 7/16 | M249 | 1/2-13UNC | 1-7/8 | 1 | 1-3/16 | 1-1/16 | 7/8 | 1-25/32 | 2-5/16 | 2 | 65 | 7 | 70 |
| 1/2 | M250 | 1/2-13UNC | 1-7/8 | 1 | 1-3/16 | 1-1/8 | 7/8 | 1-29/32 | 2-5/16 | 3 | 65 | 11-1/2 | 75 |
| 9/16 | M296 | 9/16-12UNC | 2-3/8 | 1-1/4 | 1-5/16 | 1-1/4 | 15/16 | 1-31/32 | 2-1/2 | 3 | 95 | 12 | 100 |
| 5/8 | M251 | 9/16-12UNC | 2-3/8 | 1-1/4 | 1-5/16 | 1-11/32 | 15/16 | 2 | 2-1/2 | 3 | 95 | 12 | 100 |
| 3/4 | M252 | 5/8-11UNC | 2-3/4 | 1-7/16 | 1-1/2 | 1-7/16 | 1-1/16 | 2-11/32 | 2-13/16 | 4 | 130 | 18 | 150 |
| 7/8 | M253 | 3/4-10UNC | 3-1/8 | 1-5/8 | 1-3/4 | 1-19/32 | 1-1/4 | 2-7/16 | 3-5/32 | 4 | 225 | 20 | 240 |
| 1 | M254 | 3/4-10UNC | 3-1/2 | 1-13/16 | 1-7/8 | 1-25/32 | 1-1/4 | 2-5/8 | 3-5/32 | 5 | 225 | 26 | 250 |
| 1-1/8 | M255 | 3/4-10UNC | 3-7/8 | 2 | 2 | 1-25/32 | 1-1/4 | 2-13/16 | 3-19/32 | 6 | 225 | 34 | 310 |
| 1-1/4 | M256 | 7/8-9UNC | 4-1/4 | 2-1/8 | 2-5/16 | 2-3/16 | 1-7/16 | 3-1/8 | 4-1/8 | 7 | 360 | 37 | 460 |
| 1-3/8 | M257 | 7/8-9UNC | 4-5/8 | 2-5/16 | 2-3/8 | 2-1/4 | 1-7/16 | 3-1/8 | 4-1/4 | 7 | 360 | 44 | 520 |
| 1-1/2 | M258 | 7/8-9UNC | 4-15/16 | 2-3/8 | 2-19/32 | 2-1/2 | 1-7/16 | 3-1/8 | 4-7/16 | 8 | 360 | 48 | 590 |

## Proper use of Wire Rope Clips

1. Refer to the chart above in following these instructions. Turn back specified amount of rope from thimble or loop. Apply first clip one base width from dead end of rope. Apply U-bolt over dead end of wire rope - live end rests in saddle. Tighten nuts evenly, alternate from one nut to the other until reaching the recommended torque.
2. When two clips are required, apply the second clip as near the thimble or loop 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.
3. When three or more clips are required, space additional clips equally between the first two - take up rope slack - tighten nuts on each U-bolt evenly, alternating from one nut to the other until reaching the recommended torque.
4. Apply an initial load equal to loads expected in use. Inspect for proper orientation and
 spacing of clips and retighten the nuts to recommended torque.

## AWARNINGA

Improper installation and use of wire rope clips can result in injury.

