GUY CLAMP INSTRUCTIONS

⚠ WARNING

Guy strand could slip through guy clamp at loads less than rated breaking strength of guy strand. This could allow guyed structures to shift or collapse.

Guyed structures which shift, or collapse could cause death, personal injury, or property damage.

Guy loads are usually highest during construction and stringing operations. Follow all installation instructions and be especially careful when applying loads during construction and stringing operations.

INTENDED USE

- Guy clamps are intended only for use in loop type guy dead-ends. Do not use guy clamps as a strand splice, suspension clamp, or for any other non-intended use.
- Guy clamps may be reused if the clamp sides and the threads of the clamp bolts are not damaged.
- Contact your local sales or customer service representative if there are any questions regarding proper usage of guy clamps.

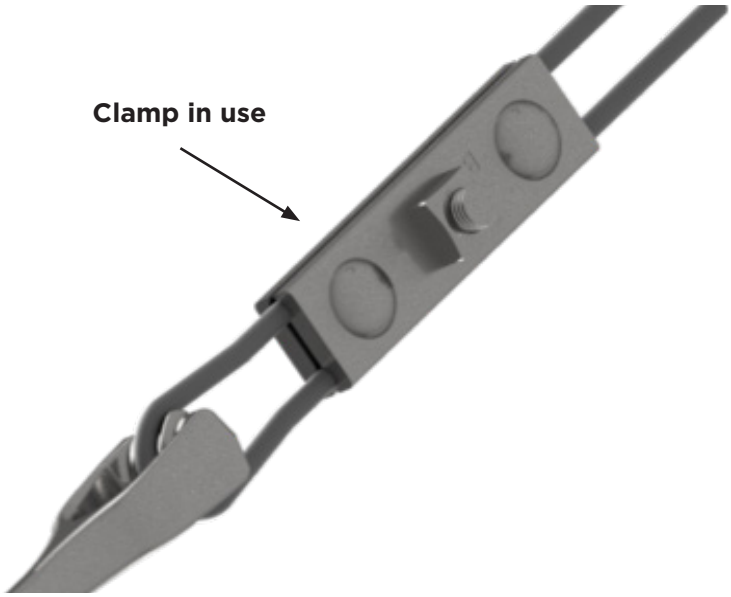
GUY CLAMP AS FURNISHED

GUY CLAMP STRENGTH

- Ultimate strength of a loop type dead-end formed by a guy clamp is dependent upon many factors, among which are: guy strand type, strand condition, number of loops around termination, angle of guy strand legs from clamp, clamp selection, clamp bolt torque, and clamp/bolt condition.

- Use of multiple guy clamps in a looped guy dead end may increase dead end strength. However, the use of multiple guy clamps will not ensure guy strand breakage before strand slippage through clamps.

- Generally, a clamped loop type dead-end, formed by a properly applied guy clamp, will break utilities grade guy strand before guy strand slippage. However, on extra high strength (EHS) guy strand, the strand will generally slip through the clamp before the rated breaking strength is reached.



GUY CLAMP STRENGTH

To obtain the highest holding strength, the guy clamp must be used on the proper size strand shown in the following table. The guy strand must be in the grooves of the clamp halves and, taking care not to strip* the bolts, all clamp bolts must be tightened to a torque at least as great as the minimum torque value specified in the following table.

***NOTE:** If clamp bolt strips, the bolt must be replaced with a sound bolt or the clamp must be discarded

CATALOG NUMBER	GUY STRAND SIZE RANGE	CLAMP BOLT SIZE	MINIMUM BOLT TORQUE
6460	3/8” TO 5/8”	5/8”	100 FT-LB
6461	5/16” TO 1/2”	5/8”	100 FT-LB
6462	5/16” TO 1/2”	5/8”	100 FT-LB
6448	1/4” TO 7/16”	1/2”	60 FT-LB
6449	1/4” TO 7/16”	1/2”	60 FT-LB
6450	1/4” TO 7/16”	1/2”	60 FT-LB

For product inquiries, please contact your local sales representative or customer service representative.