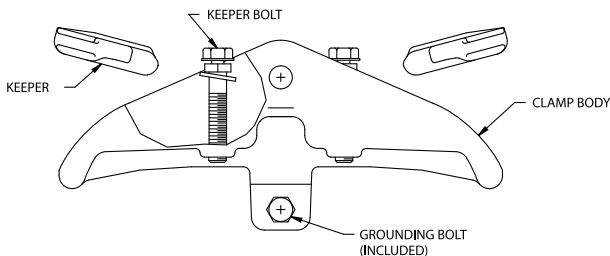


Installation Instructions for OPGW Suspension Unit

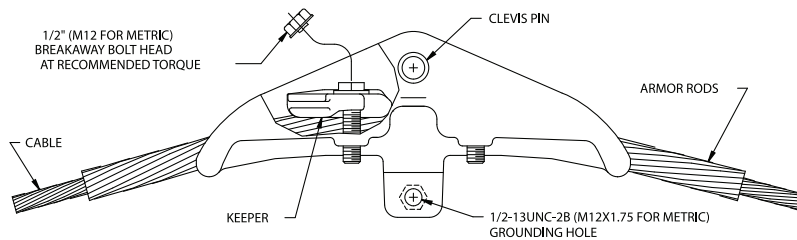
1. Mark center of clamp location on OPGW cable with ink (not tape).
2. Install armor rods on cable aligning center mark of armor rods with center mark on OPGW cable (per **Step 1**).
3. Remove clamp clevis pin. Loosen, but do not remove clamp keeper bolts. Remove clamp keepers. See **Figure 1**.

FIGURE 1:



4. Place clamp body on OPGW cable and center clamp on armor rod center mark.
5. Attach clamp to tower attachment with clevis pin and install cotter pin in clevis pin.
6. Place keepers in clamp and slide keepers under keeper bolts (if double sided keeper, diameter range faces cable and armor rods).
7. Tighten keeper bolts finger tight and insure that keepers are not cocked on OPGW cable.
8. Tighten keeper bolts on each keeper in 5 ft-lb (7 nm for metric) increments, alternating tightening to insure keepers are not cocked in clamp. Tighten until break-away bolt head shears off (20-25 ft-lb or 28-35 nm for metric). See **Figure 2**.

FIGURE 2:



9. Attach grounding lug to grounding pad on bottom of suspension clamp (using 1/2"-13 or m12x1.75 Thread tapped hole) if grounding is required. Ground wire assembly must be long enough such that 12" of free slack wire extends directly down from the suspension grounding pad before looping back up to the adjacent structure attachment point.

