Installation Instructions - Open Spring Mounts

1) Check each isolator's model number against the information on the packing slip. Also, each isolator model can be easily identified by the colour-coded spring.

2) Locate each isolator into the positions based on the equipment's mounting points and submittal drawings.

3) Secure the isolator's base cup (BC) to the equipment support structure - concrete founda - tion or metal frame (CF), according to the equipment base's drawings for the locations of the mounting holes. As per figure 2, the open spring mount's base cup (BC) has a Ø 1/2" center hole for attachment. All bolts and anchor hardware (AB) must be a minimum of grade 5. If recommended by the manufacturer or installation engineer a higher grade, then follow their recommendation. All anchors (AB) must be installed according to the installation drawings and instructions (anchoring hardware supplied by others).

4) Remove the lock nut (N) and top washers (TW) from the treaded rod (TR). Leave the leveling nut (LN) and the flat washer (FW) assembled on the threaded rod (TR), as shown in figure 2.

5) Use a forklift, crane, or any other certified lifting machine to raise the equipment (EQ) to be installed. Slowly lower the equipment (EQ) on top of the isolators' flat washers (FW) and make sure that the equipment's mounting holes are perfectly aligned with the isolators' threaded rods (TR), as shown in figure 3.

6) When the equipment, which must be at the full operating weight, is placed onto the isolator's flat washer (FW), the isolator's spring (S) will be compressed according to the load vs. deflection chart for this model.

7) Level each isolator in sequence by turning the leveling nut (LN) a full clockwise turn at a time, as shown in figure 3.

8) After the leveling is done, run down the lock nut (N) and top washers (TW) to the equip - ment's base (EQ). Tighten the lock nut (N), thus securing the isolator to the supported equipment (EQ) and locking the leveling nut (LN) against turning, as shown in figure 3.

Notes:

a) Do not use open spring mounts for external applications without independent restraints.

b) Open spring mounts are not designed to accommodate angular misalignments, and must not be used for tensile or shear loading.

Isolator - OSM-350/500

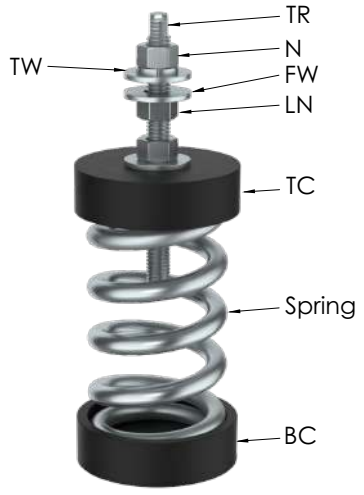

Fig. 1

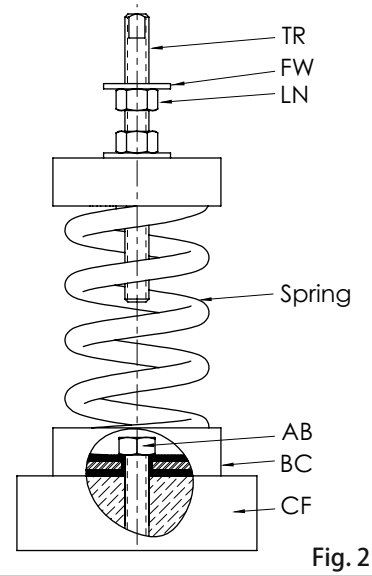

Fig. 2

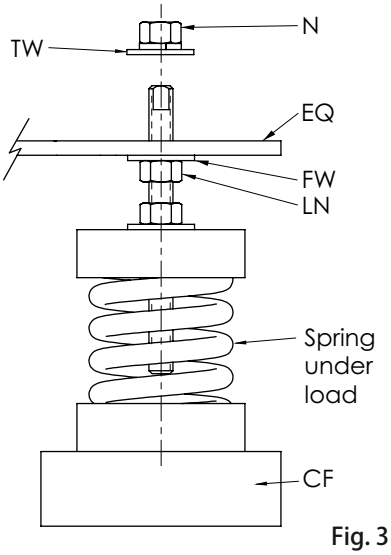

Fig. 3