



AMC ANTI-SEISMIC

INSTALLATION STEPS



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SUMMARY

1. SUMMARY

2. PART DESCRIPTION

3. INSTALLATION VIDEO

- A. The AMC Mekanocaucho team has created a video that will help in the installation process.

4. EQUIPMENT PLACEMENT

- A. Elevate the equipment and place the mounts without the leveling screw and nut under the equipment.

5. LOCATION COORDINATES

- A. Coordinate the location of each mount

6. LOWER EQUIPMENT

- A. Lower the equipment and support it on the spring mounts, taking care not to overload any of the spring mounts.
- B. The weight of the suspended equipment must be placed directly over the top housing.

7. LEVELING SCREW

- A. Mark the distances and positions indicated by the AMC Mekanocaucho technical department.

8. PLACE THE MOUNTS

- A. Place the leveling screw (with nut) and turn it clockwise on all the mounts.

9. OPTIONAL LEVELING

- A. If the equipment needs to be leveled, it can be done by turning each leveling screw until the top load plate reaches the desired height.
- B. Make sure that the tensile stop screws are correctly installed on both lateral sides of the spring mount.

10. NUT TIGHTENING

- A. Tighten each nut of the leveling screw.

11. FASTENING TO THE GROUND

- A. Fasten the mount my using the Elastic Fixation Kit

12. FASTENING TO THE GROUND

- A. Case A: Threaded holes in the ground.
- B. Case B: Through holes in the ground.

13. MOVEMENT WARNINGS

- A. Do not attempt to move the isolators laterally with the weight of the equipment on them.

14. MOVEMENT WARNINGS

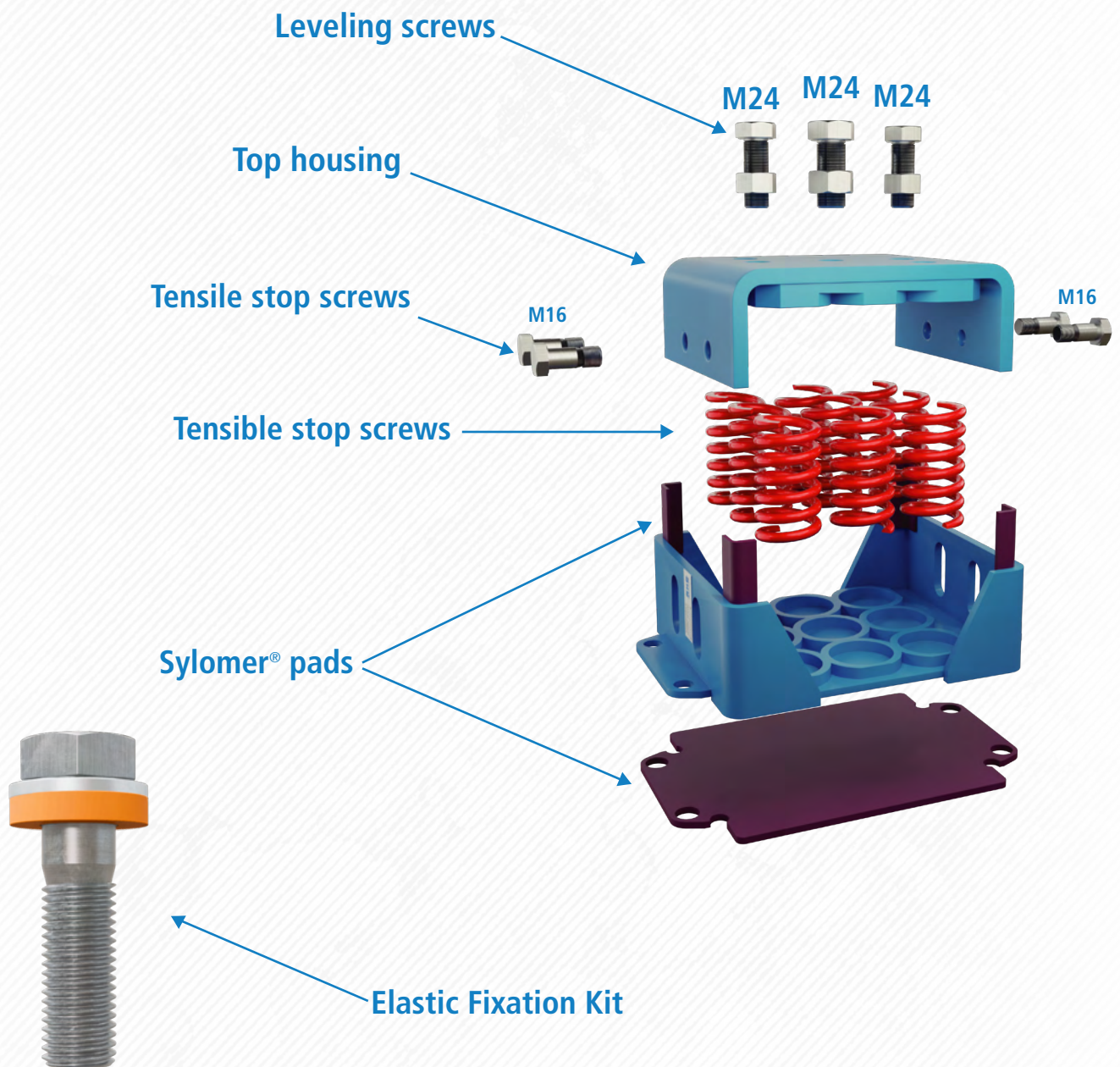
- A. If it is necessary to move the equipment, loosen the Elastic Fixation Kits, remove the weight from the isolators by raising the equipment before moving.

15. MOVEMENT WARNINGS

- A. Set the equipment on the mounts and fasten it to the ground again.

PART DESCRIPTION

1. M24 LEVELING SCREWS
2. TOP HOUSING
3. M16 TENSILE STOP SCREWS
4. SPRINGS
5. SYLOMER PAD
6. ELASTIC FIXATION KIT

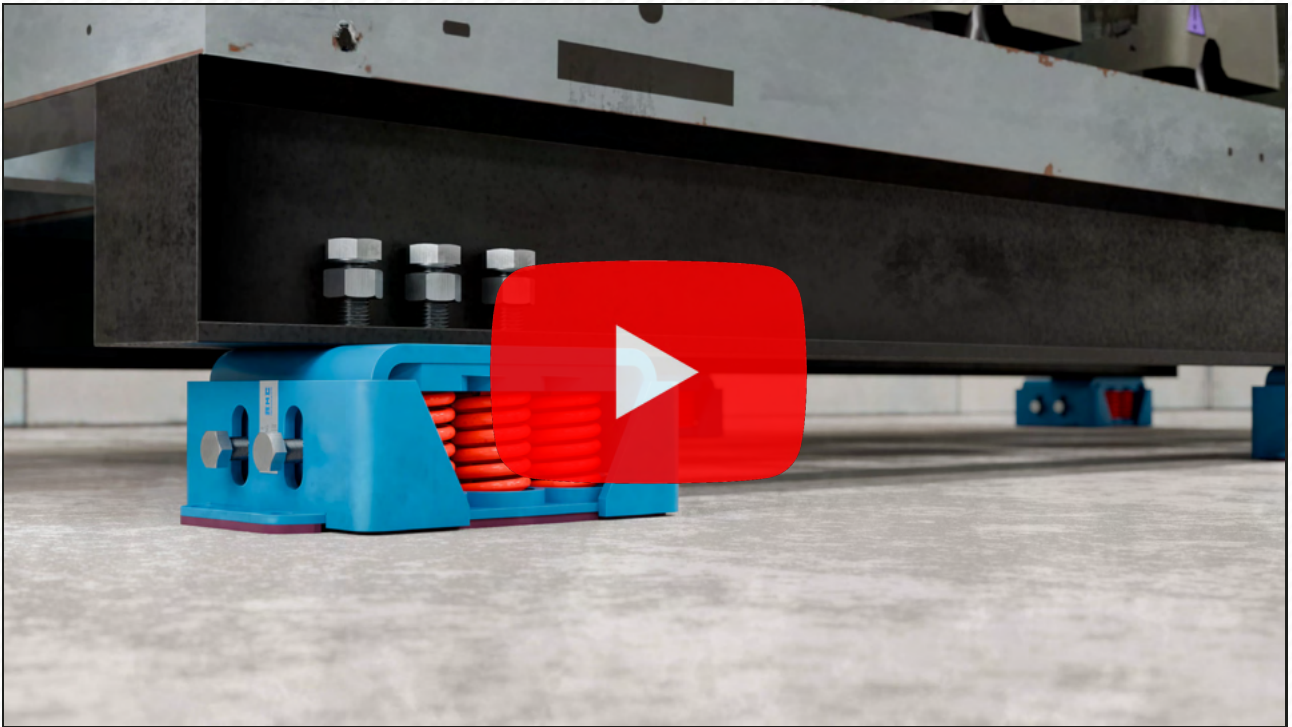


INSTALLATION VIDEO

ADDITIONAL INFORMATION

The AMC Mekanocaucho team has created a video that will help with the installation process.

Apart from this, it is important to follow the steps indicated in more detail in this technical documentation.



If there are any doubts regarding the installation process, do not hesitate to contact the technical department of AMC Mekanocaucho.

SCAN ME



VIDEO QR

STEP 1

EQUIPMENT PLACEMENT

Elevate the equipment and mark out the locations where the mounts will be placed.



STEP 1

SETTING THE SPRING MOUNTS

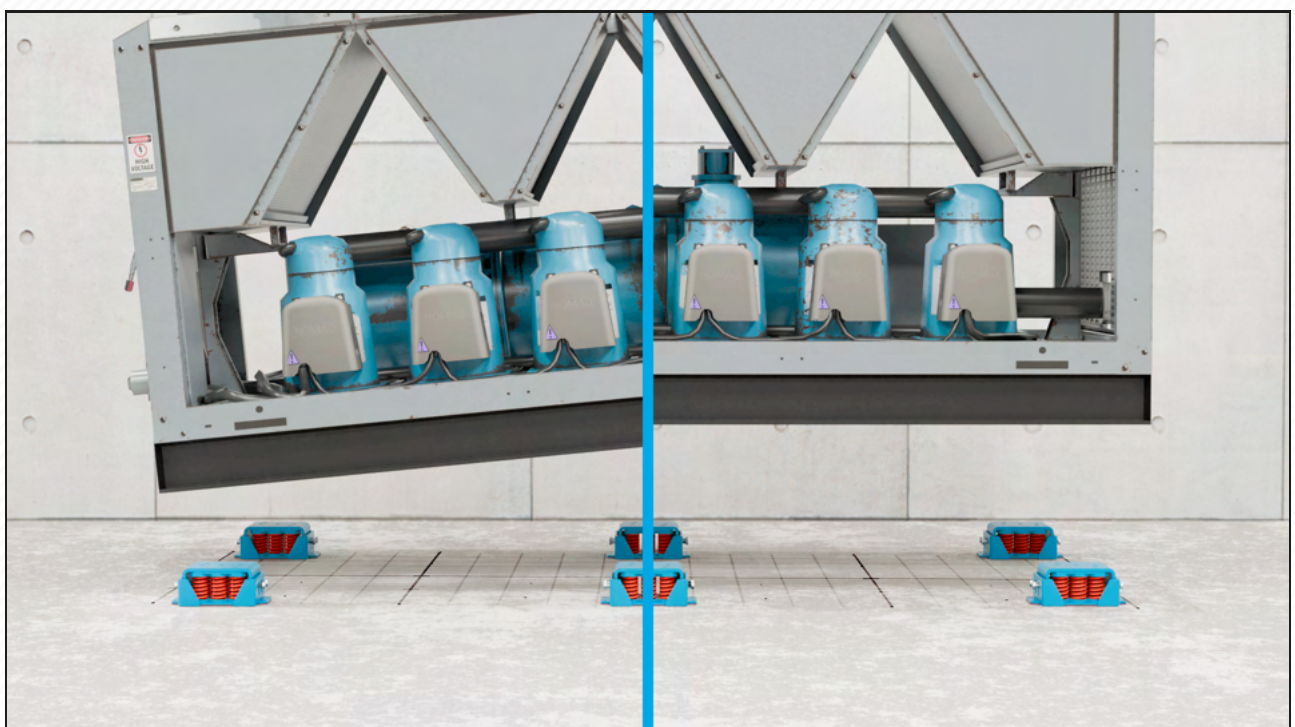
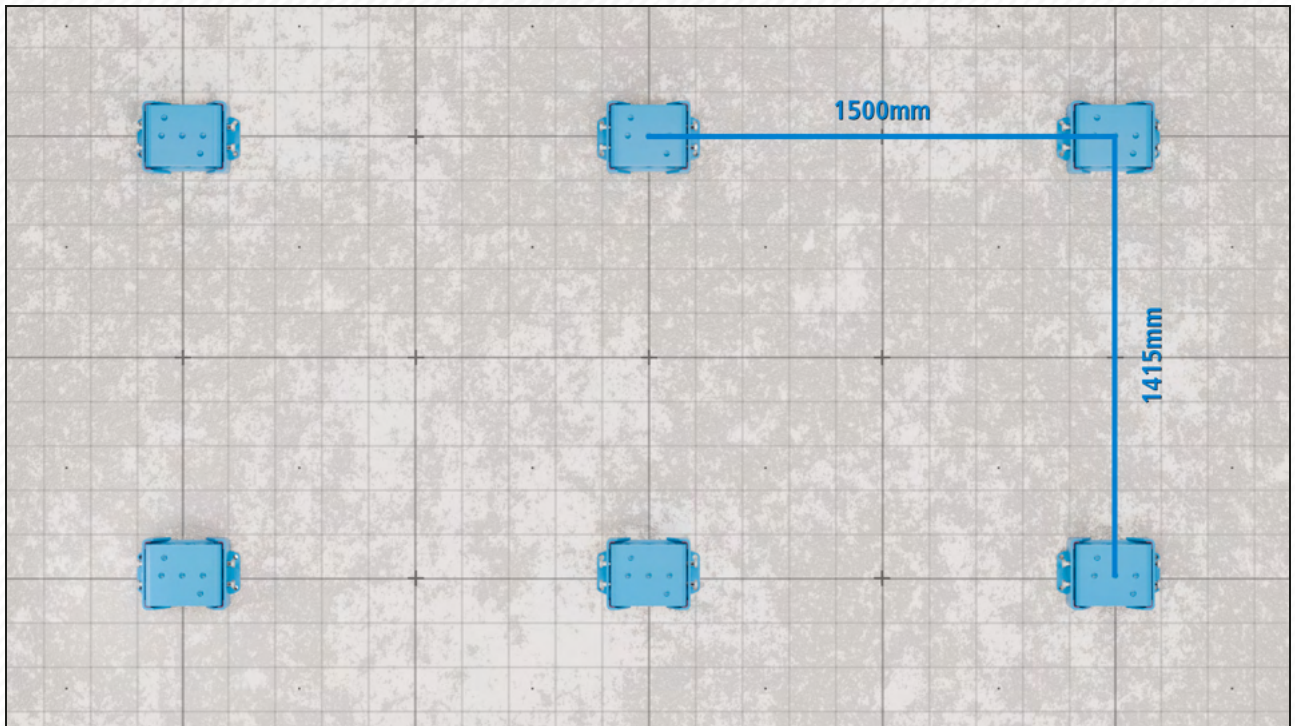
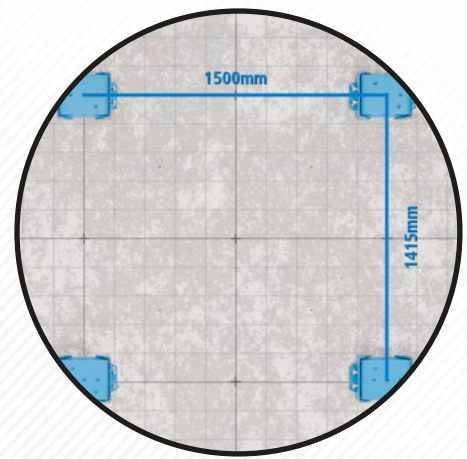
Place the mounts without the leveling screw and nut under the equipment.



STEP 2

LOCATION COORDINATES

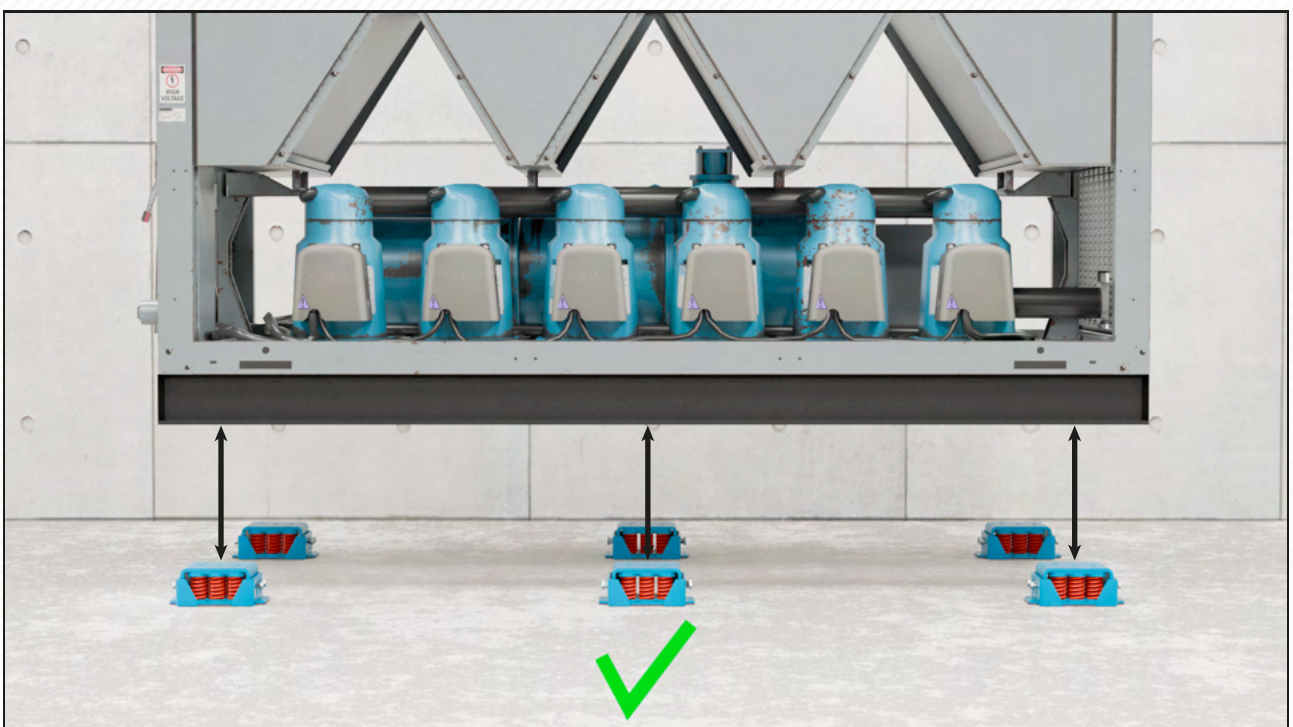
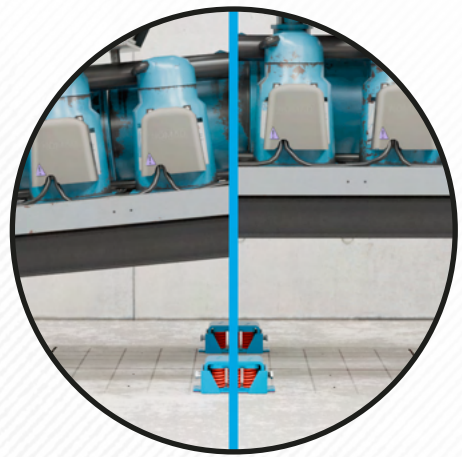
Coordinate the location of each mount, depending on the installation drawing or the positions recommended in the theoretical calculations.



STEP 3

LOWER EQUIPMENT

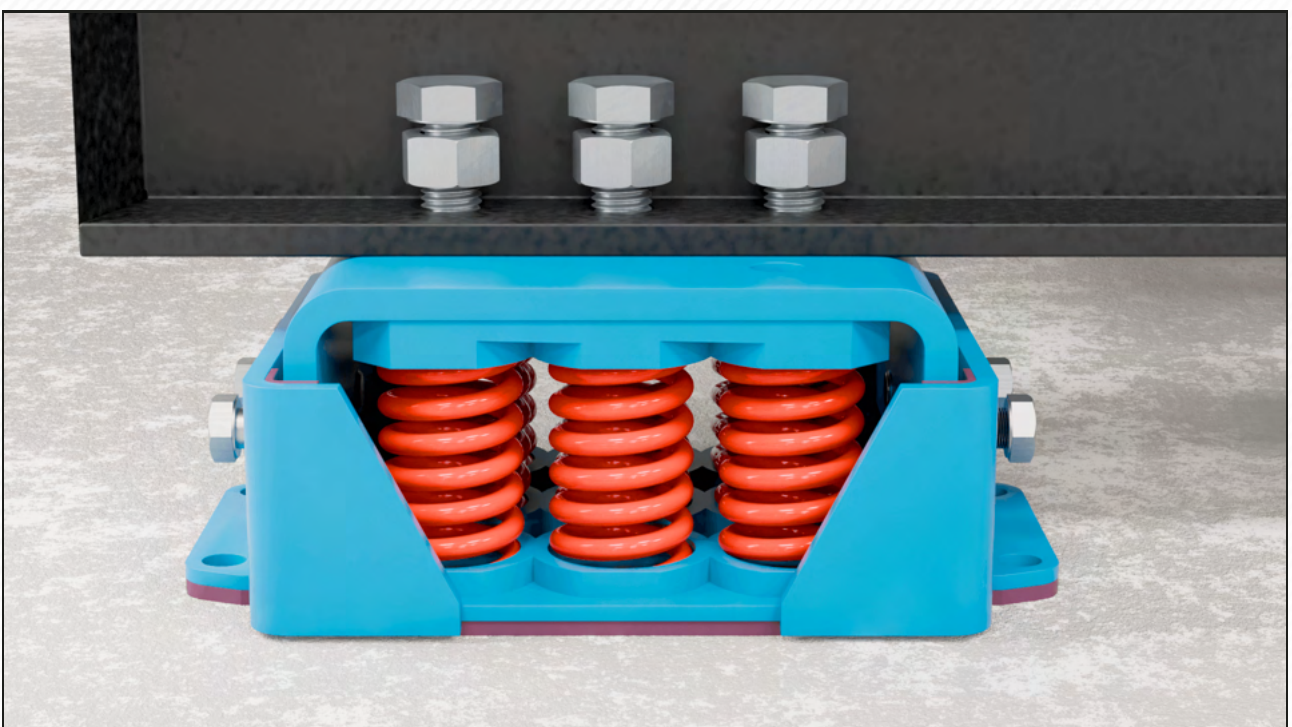
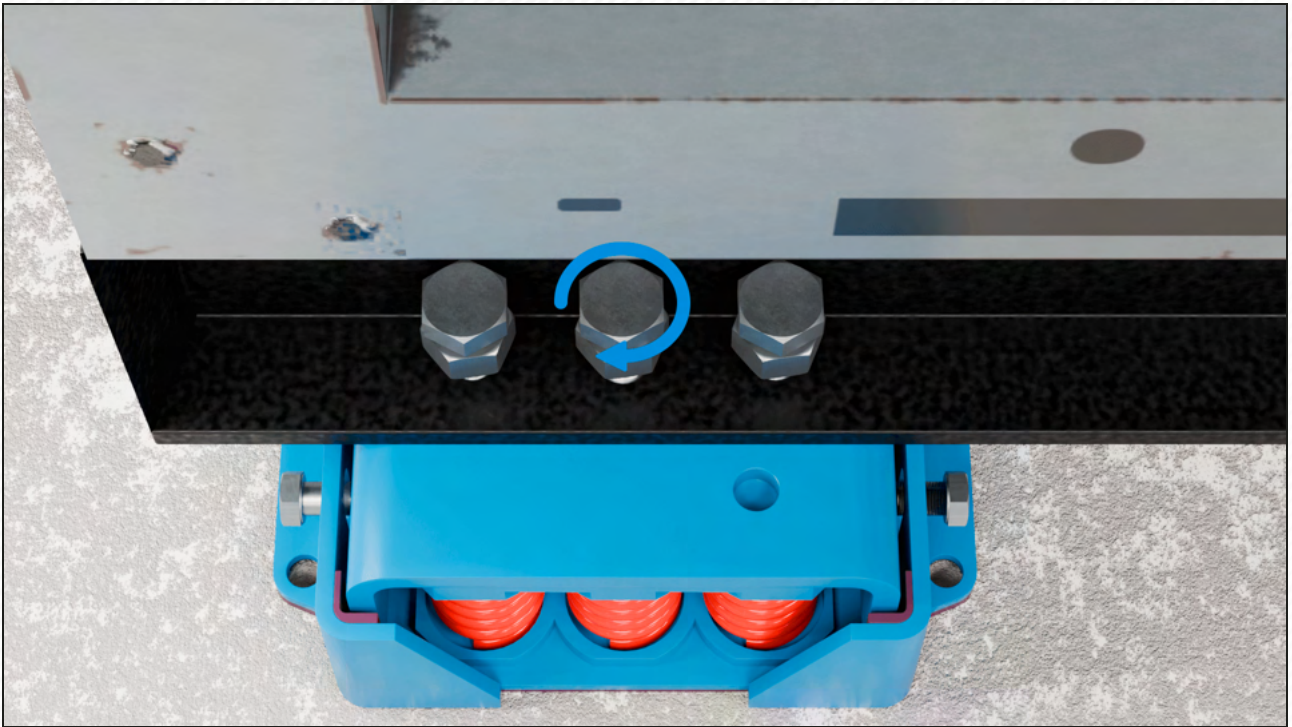
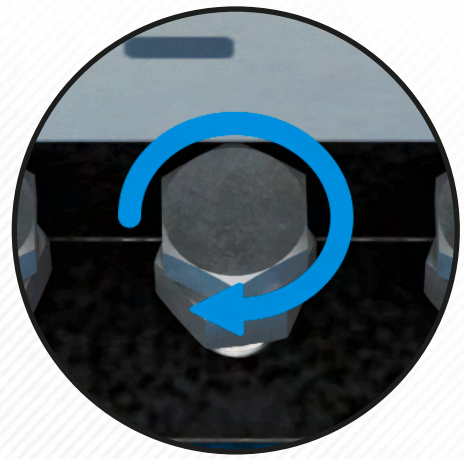
Lower the equipment and support it on the spring mounts, taking care not to overload any of the spring mounts. The weight of the suspended equipment must be placed directly over the top housing.



STEP 4

LEVELING SCREWS

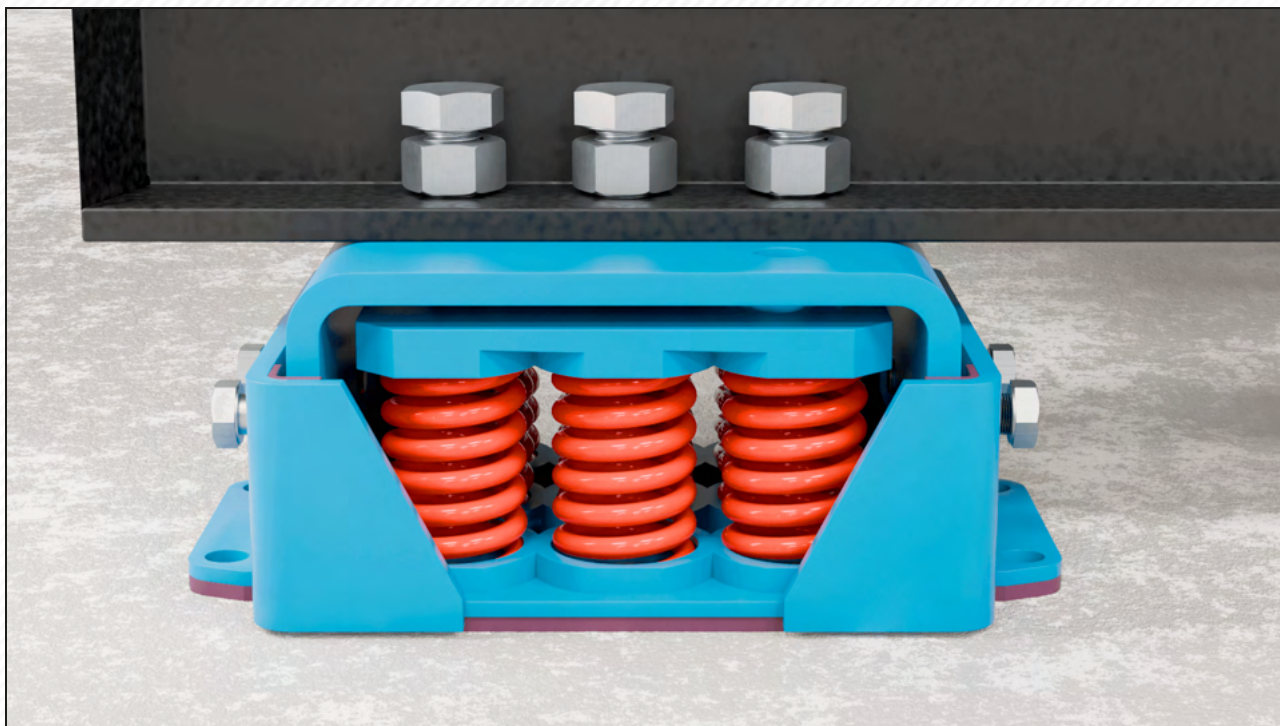
Place the leveling screw (with nut) and turn it clockwise on all the mounts by hand. Do not tighten the nuts.



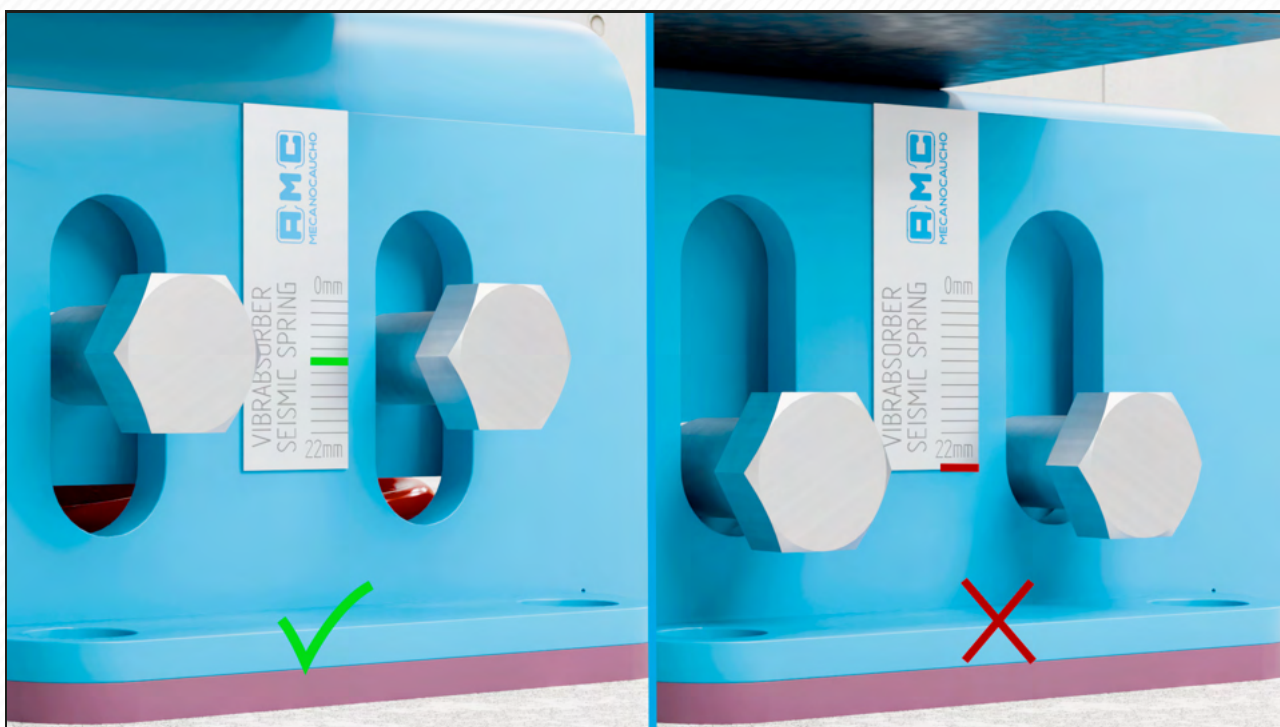
STEP 5

OPTIONAL LEVELING

If the equipment needs to be leveled, it can be done by turning each leveling screw until the top load plate reaches the desired height.



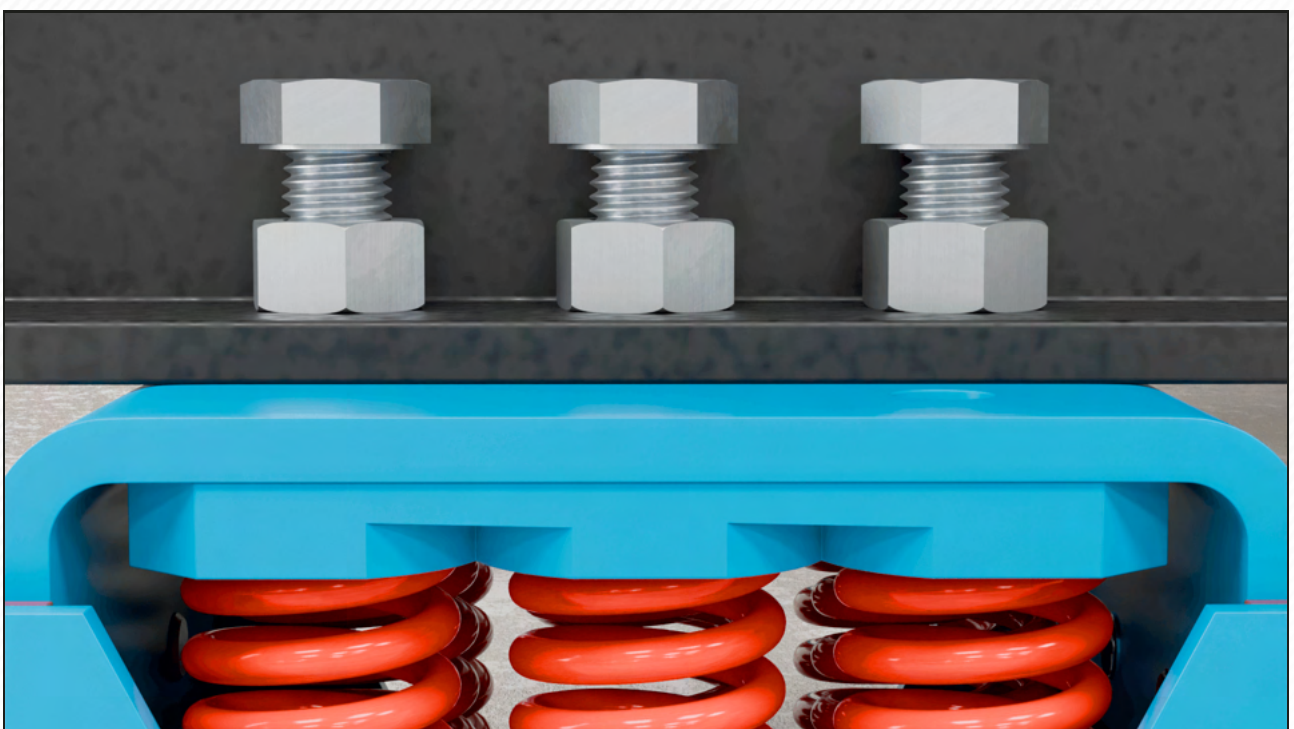
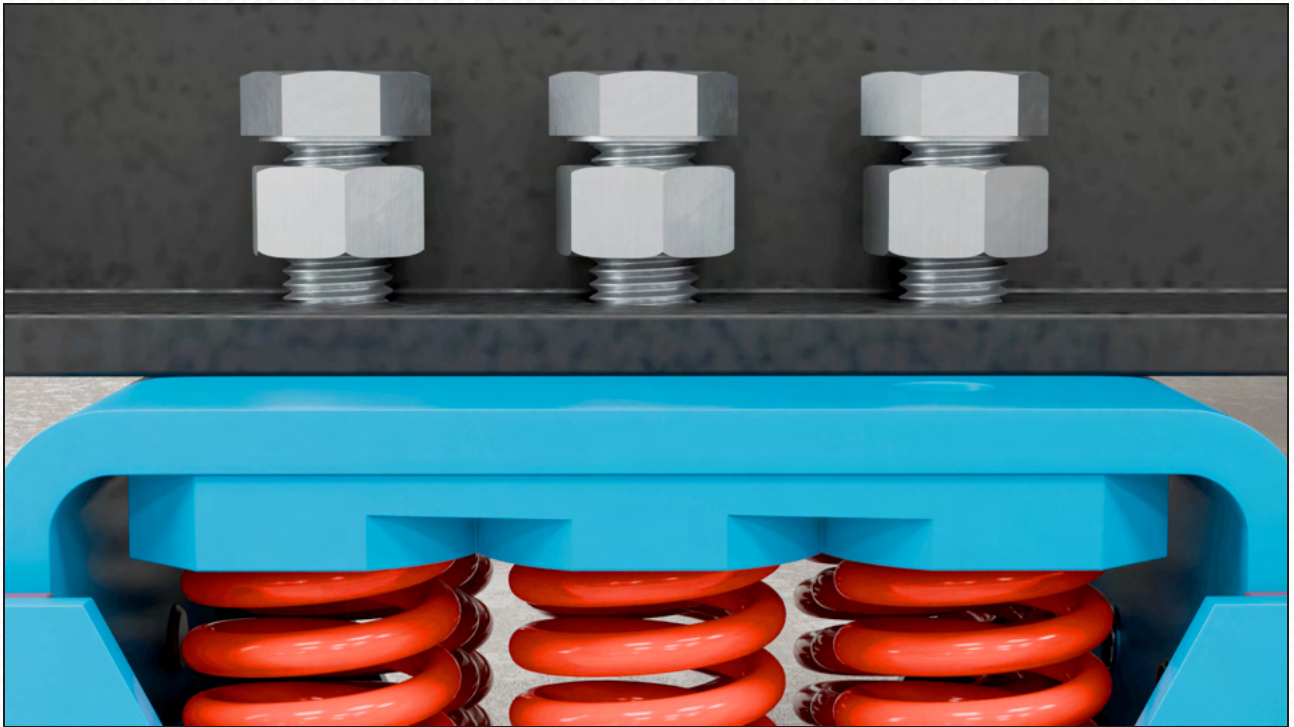
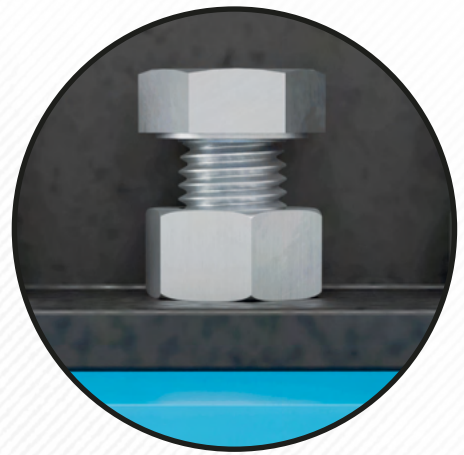
Make sure that the tensile stop screws are correctly installed on both lateral sides of the spring mount



STEP 6

NUT TIGHTENING

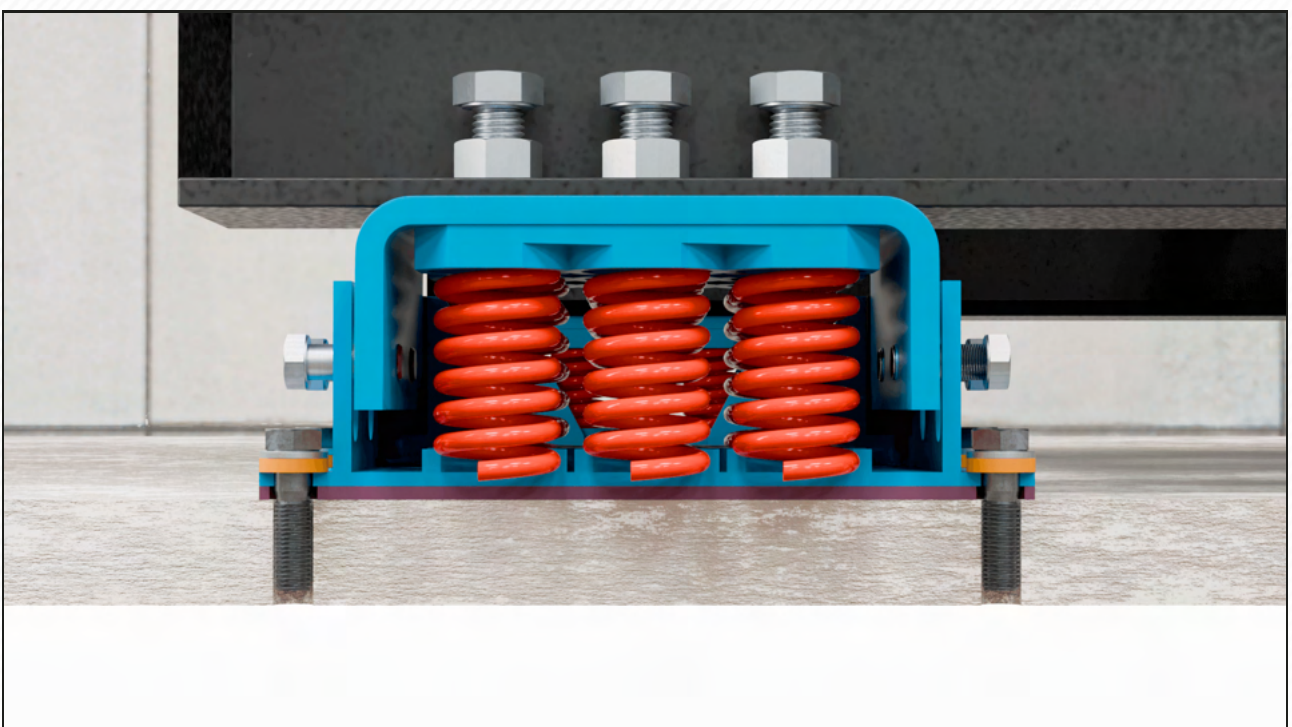
When the equipment is completely installed, tighten each nut of the leveling screw without exceeding the maximum tightening torque corresponding to the bolt size.



STEP 7

FASTENING TO THE GROUND

Fasten the antiseismic springs to the floor using the Elastic Fixation Kits.



STEP 7

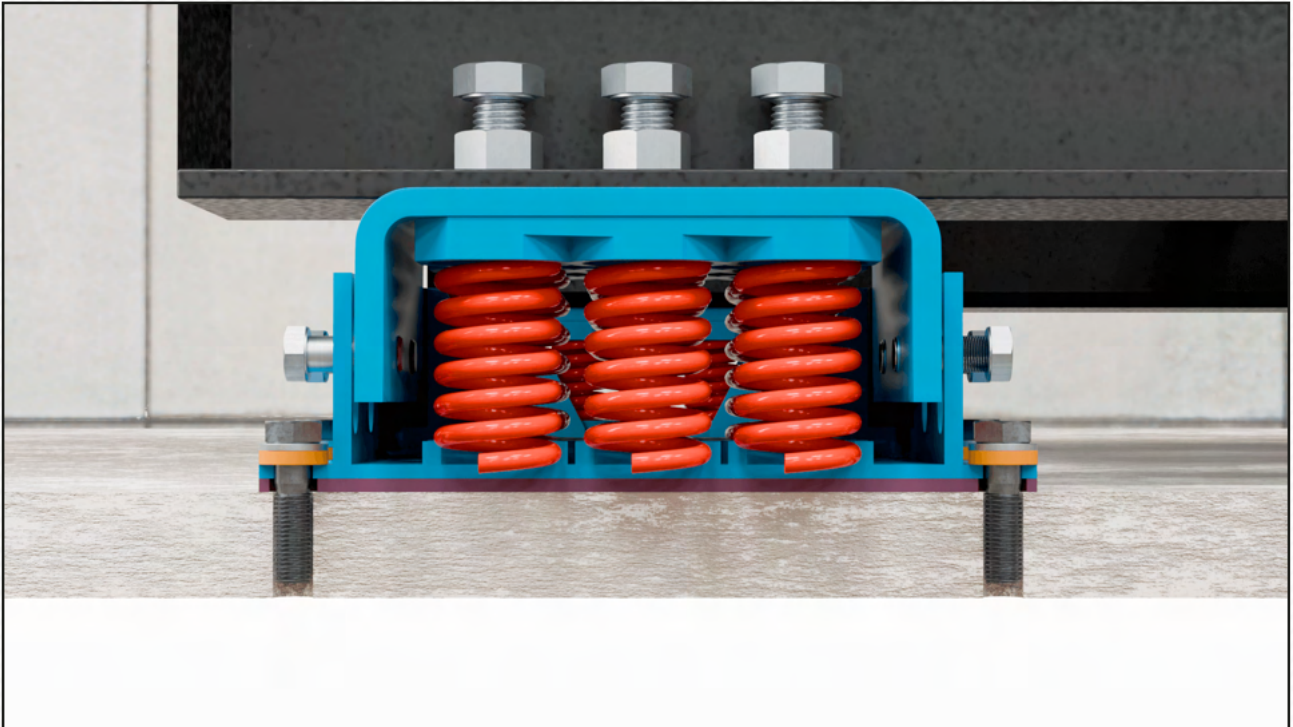
FASTENING TO THE GROUND

Fasten the antiseismic springs to the floor using the Elastic Fixation Kits.



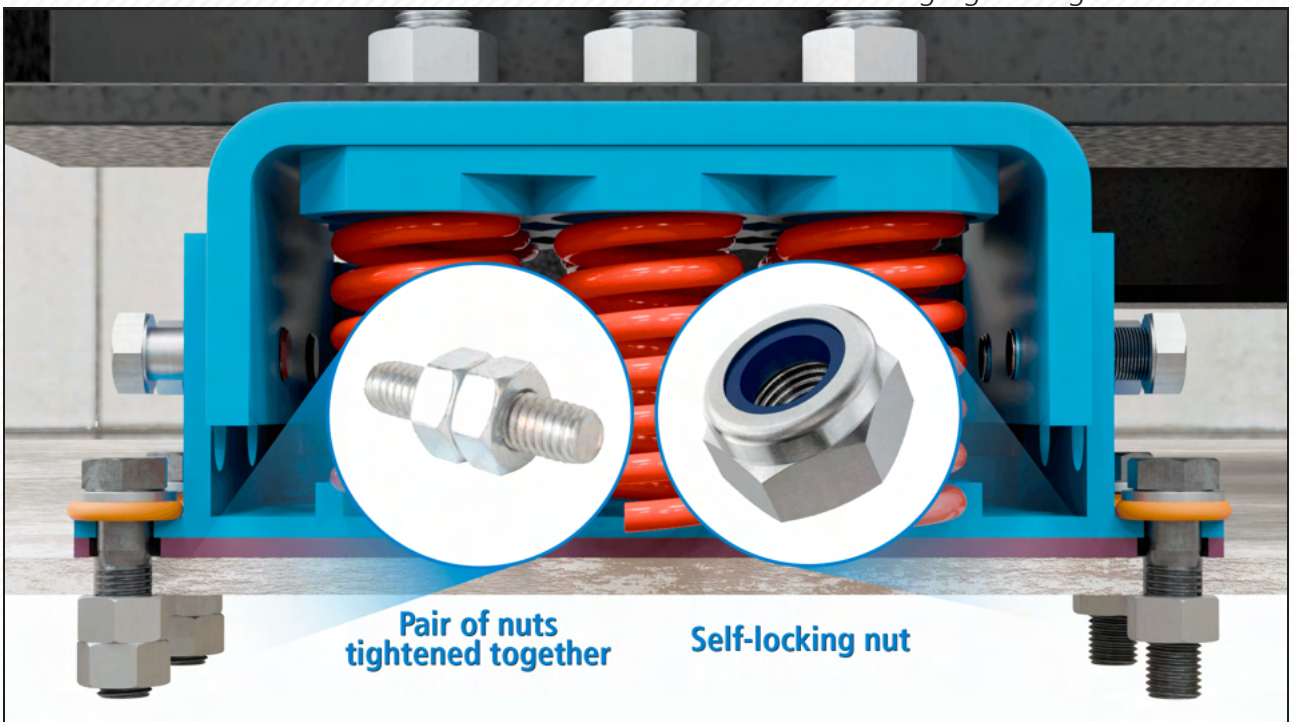
CASE A: Threaded Holes in the ground.

The maximum torque to be applied to these bolts will depend on the bolt being used.



CASE B: Through holes in the floor

The deflection of the elastic washers should not exceed 1mm during tightening.



STEP 8

MOVEMENT WARNINGS

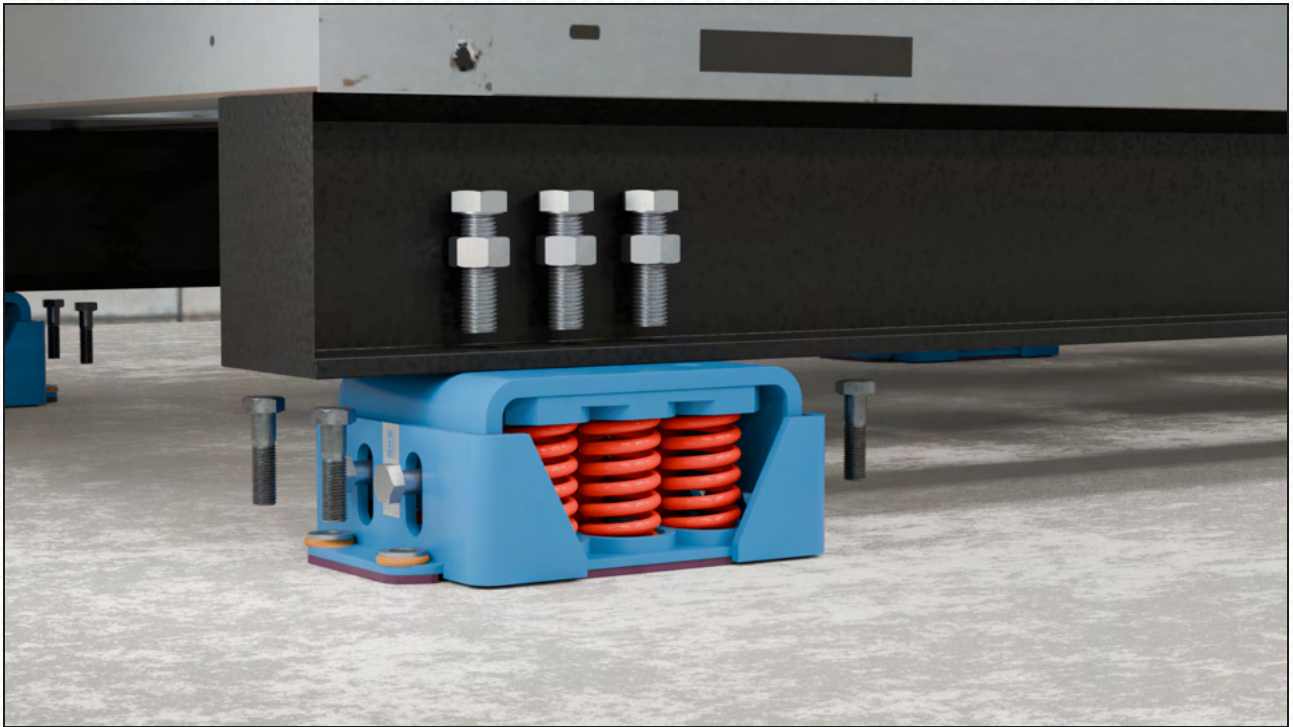
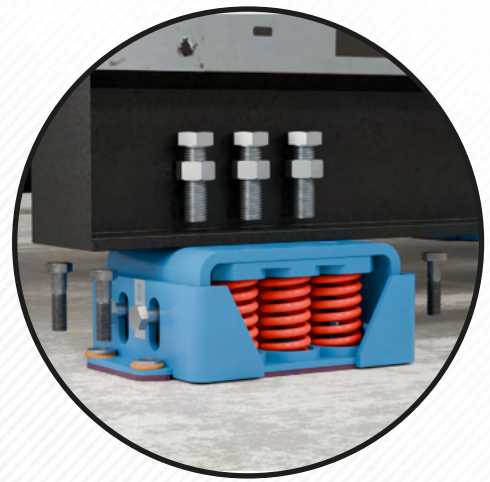
Do **not** attempt to move the antiseismic springs laterally with the weight of the equipment on them.



STEP 8

MOVEMENT WARNINGS

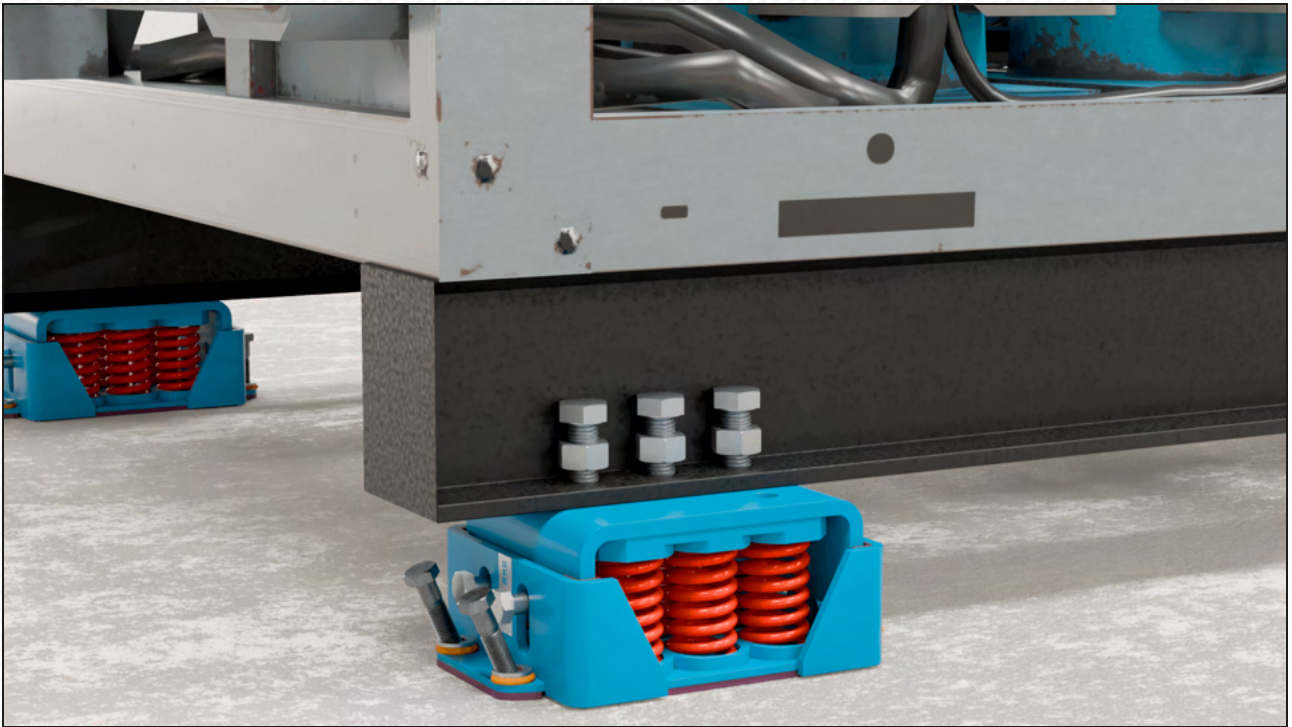
If it is necessary to move the equipment, remove the elastic fixation kits and take the weight off the antiseismic springs.



STEP 8

MOVEMENT WARNINGS

Set the equipment on the antiseismic spring mounts and fasten them again to the floor



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