

Ninja Springs - Spring Mount Instructions



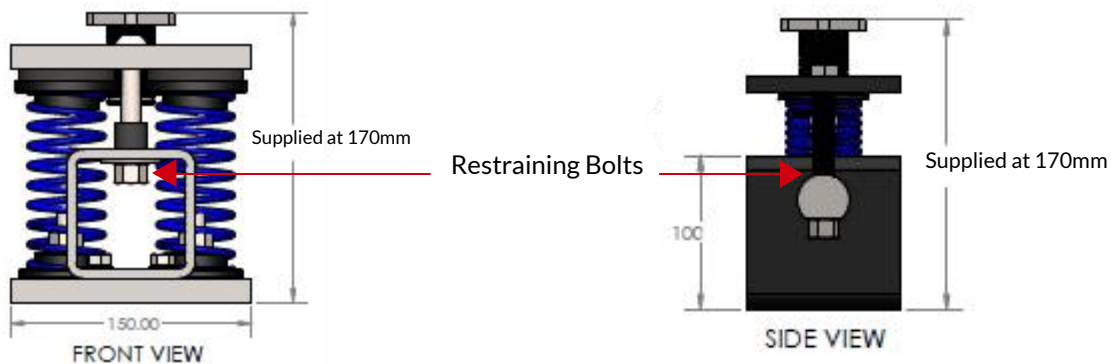
Spring Mounts

Thank you for choosing Ninja Springs for your Antivibration products. The SUMO and KETTO units are specifically designed for challenges of internal or external applications. The unit is manufactured in high quality steel with finishes designed to withstand external environments and include rubber isolators between all potential transmission paths.

Setting the Spring Mount

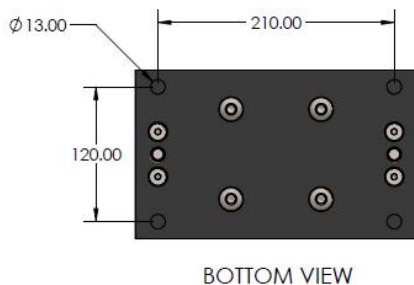
The springs are pre-loaded to the specific weight requirements provided for the application.

As these are pretensioned the starting position of the top adjustable socket is 170mm high from the mounting surface.

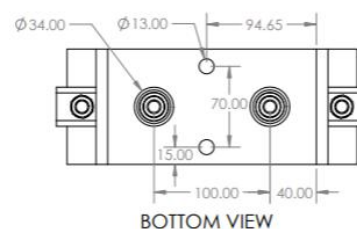


In the event that adjustment is required on site, this can be achieved by turning the top adjustable socket which will transfer the load onto the spring. This should be adjusted until the side restraint bolts are no longer in contact with the side cages

The top adjustable socket has a M16 connection which should be secured to the frame/plant or agreed sub structure. The fixing holes in the base should be used to secure the base to the mounting surface.



Sumo Mounting Holes M12



Ketto Mounting Holes M12

The springs once loaded and counteracting the weight of the equipment will be floating, the restraining bolts no longer under tension, this flexibility is how the vibration is absorbed.

Once all the springs are installed and loaded correctly a final check should be that the top plate is positioned square and level.