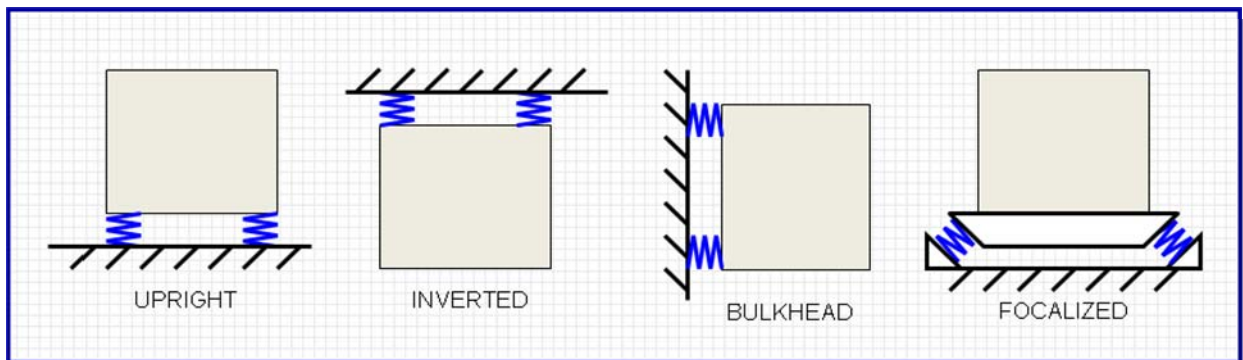




Q: What does “All Attitude” mean with regard to Isolator properties? Refer to the *Features sections of each isolator series and the “Isolator Properties Matrix” in the Hutchinson catalog.*

A: “All Attitude” refers to an isolator’s ability to support static weight in any direction or orientation. In other words, the isolator can be located under the equipment on the floor (upright), on top of the equipment from the ceiling (inverted), on the side of the equipment on a wall (bulkhead), or in an inclined orientation (focalized).

The following spring mass models depict these configurations where the shaded rectangles are the mass/equipment, the black cross hatching is the foundation (floor, ceiling, wall) and the blue zigzags are the springs/isolators:



Mounting Configurations for common Hutchinson isolators

All Hutchinson isolators can be used in the upright mode. Some can be used in upright and bulkhead modes. And a subset of those can be used in upright, inverted and bulkhead modes. This last category of mounts would be considered to have “All Attitude” capability.

(Note: The Focalized configuration is a specialty situation and a separate topic that is outside the scope of this FAQ.)

Examples of isolators with All Attitude capabilities would be Cupmounts and T-Mounts:



[Cupmounts](#)



[T-Mounts](#)

Examples of isolators with Upright and Bulkhead capabilities would be 22000 and 500 Series (excluding 505 and 506 models):



[22000 Series](#)



[500 Series](#)

Examples of isolators that can only be used Upright are H-Mounts and LM Series:



[H-Mounts](#)



[LM Series](#)

Note that all Hutchinson isolator are designed to accommodate dynamic loads in all directions even if the products are not considered to be All Attitude mounts.