

Isotop® ENI

Vibration Isolated Machine Mountings

by getzner
isotop®

Design

Isotop® ENI – vibration isolated machine mountings consisting of zinc-cast-plates Dia. 80/100/120 mm with ball-joint-thread rod. Threads optionally M8, M10, M12, M16; Length of thread rod from 80 to 150 mm. Vertical adjustment lock by means of an adjusting nut. Corrosion protection: Plate, powder coated. Thread rod, galvanized. Isolation according to calculation by Getzner Spring Solutions GmbH with our wide range of materials like Sylomer® or Sylodyn®. Reachable natural frequency: down to approx. 12 Hz.

Field of application

For punctual loads of 50 kg up to 2,000 kg. For vibration isolated settings of several machines, for example measuring machines, HVAC-Units, measuring device, weighing machine, test facility etc. Where applicable uneven grounds could be equilized by means of the threaded rod with ball joint. High non-slip characteristics due to high friction coefficient. Excellent resistance to oil, grease and hydrolysis. Low temperature sensitivity from -20°C to 70°C.

Required data for selection

- Total weight to be absorbed
- Number and location of points of support
- Center of gravity
- Structural shape of the device (dimensions)
- Direction of load
- Lowest disturbing frequency (rotational speed or number of strokes)

Advantage

- Easy setting-up
- Vertically adjustable
- Lateral inclination possible
- Optimal alignment according to the particular application by means of specific selection of the loaded surface, the type of Sylomer® or Sylodyn®, height of material underneath the plate, Diameter of the plate and size of thread will be calculated and selected by our engineers.



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Our service

Make use of our know-how on questions about vibration technology. We will gladly consult you and will calculate tailor-made solutions. For vibration isolation.