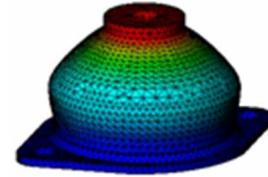


# Specific Isolators

These isolators are developed in accordance with particular specification, in different application fields and the purpose is only to give you an overview of the wide range of possibilities of realizations we are able to propose thanks to our know-how, development tools and experience, without any detailed features

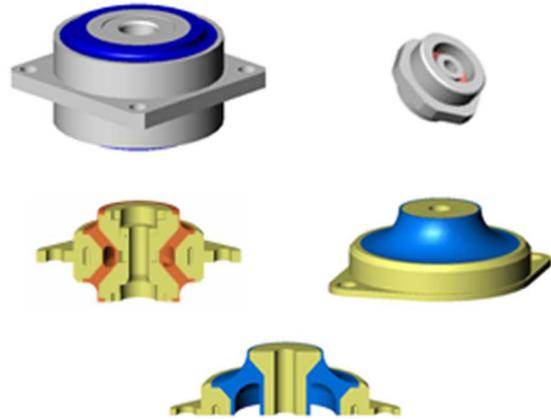


## Conical and back to back conical isolators

This series are generally proposed in case of insulations of navigation and inertial guidance systems, radar components, optical sensors, when the main requirements are accuracy in back to back positioning after strong dynamic stress, angular stability, shelf live, accuracy by initial characteristics (value of scattering by manufacturing can be lower than 1%)

The back to back conical has the advantage to be fail-safe. Another benefit of this type of damper is that the characteristics Axial to Radial are adjustable by modifying, for same overall dimensions, the inner geometry of metal parts and not the moulding tool

The minimum resonance frequencies are in the most of cases about 50Hz



## Ring shape and similar isolators

This series are also proposed in the same field of applications but often when its necessary to allow a larger sway space, and preferably for gyroscopic platforms when the suspended mass has a cylindrical design

The technical and manufacturing features are the same as for conical dampers, but the axial to radial behaviour are linked to the moulding tool

It's possible to reach lower resonance frequencies with this design and higher dynamic vibration levels for a very small size of damper



## Various isolators

- Hollow body element for attenuation of impact
- Full rubber dampers for insulation of sensitive components from a few grams
- Pads for measurement and controlling units
- Specific designed dampers for hard disks and other devices

