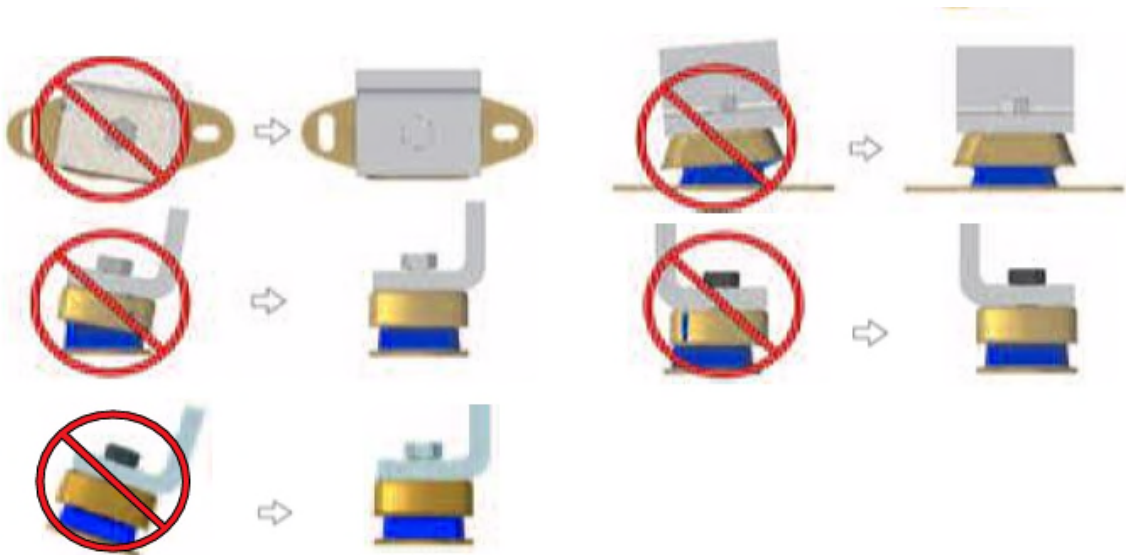


## ANTI-VIBRATION INSTALLATION TECHNIQUES

The hood mounts should be installed between two parallel and perfectly flat surfaces. Mounts operating tilted or twisted do not work properly. This may be due to incorrect alignment, tolerance in the building of the chassis or over-tightening torque during the installation of the anti-vibration mounts.

This applies to our marine type BSB, BRB or Damping Mounts.

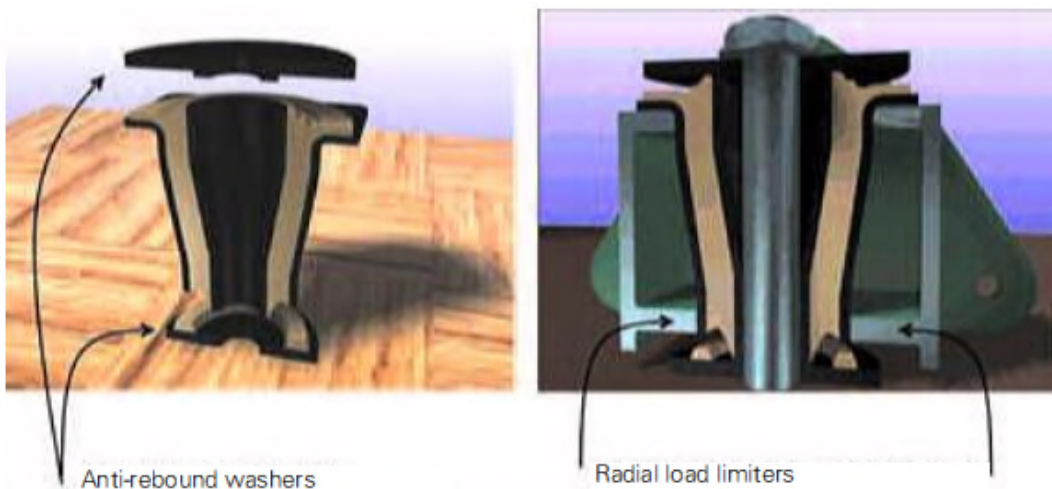


## RECOMMENDATIONS FOR THE CONICAL MOUNTS

The conical mounts should always use the washers indicated for each model.

Similarly we recommend the use of lateral limiters for cases with high loads or radial impact.

This applies to our AT, SCB, SCH mounts

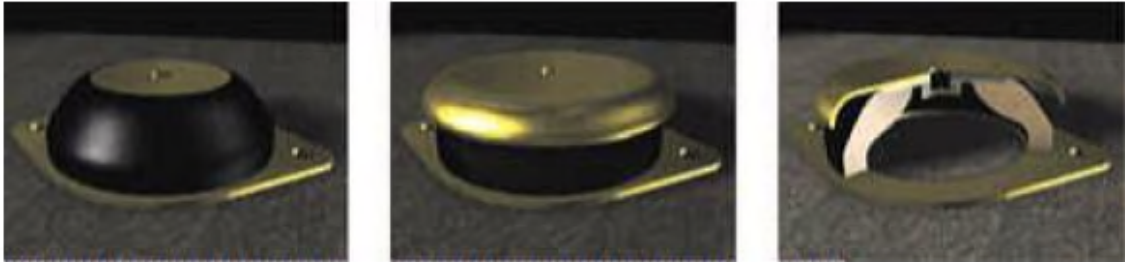


## RECOMMENDATIONS FOR THE DSD AND DRD MOUNTS

Although it is not absolutely necessary our hoods should be used in the DSD and DRD hoods. This hood distributes the load evenly in the event of overloads and also [provides protection from possible oil splashes.

Care should be taken to make sure that the protective hood has the same or a greater diameter than that of the diameter of the rubber element.

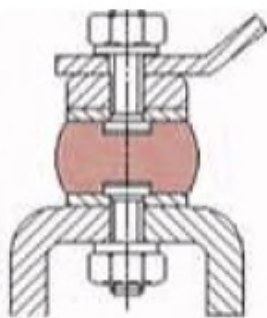
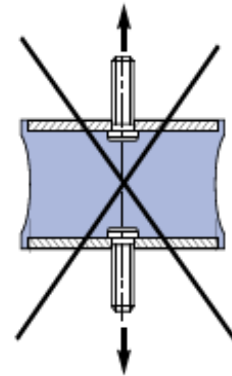
We have a standard range of protection hoods. Check them out.



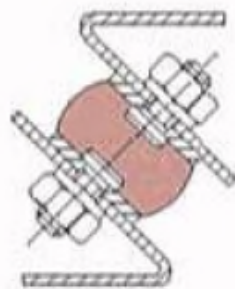
## RECOMMENDATIONS FOR THE CYLINDRICAL MOUNTS

The cylindrical mounts should never work at traction. They should be used on a compression basis. To obtain greater deflection use them at shear/compression, although the maximum loads indicated in our catalogue for shear use should never be exceeded.

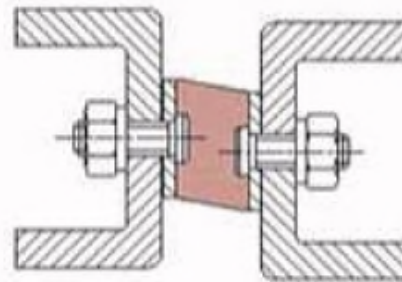
This applies to our bobbings, diablo, trapezoidal or annular mounts.



Compression



Compression-shear



Shear

## RECOMMENDATION FOR MACHINES THAT REQUIRE ALIGNMENT

When an alignment is required between different mechanical elements of the machine, the creeping effect should be taken into account. The increased deformation produced by the creep of the elastomer leads to a “misalignment” between suspended and rigid elements, particularly during the first 48 hours of static load in the anti-vibration mounts.

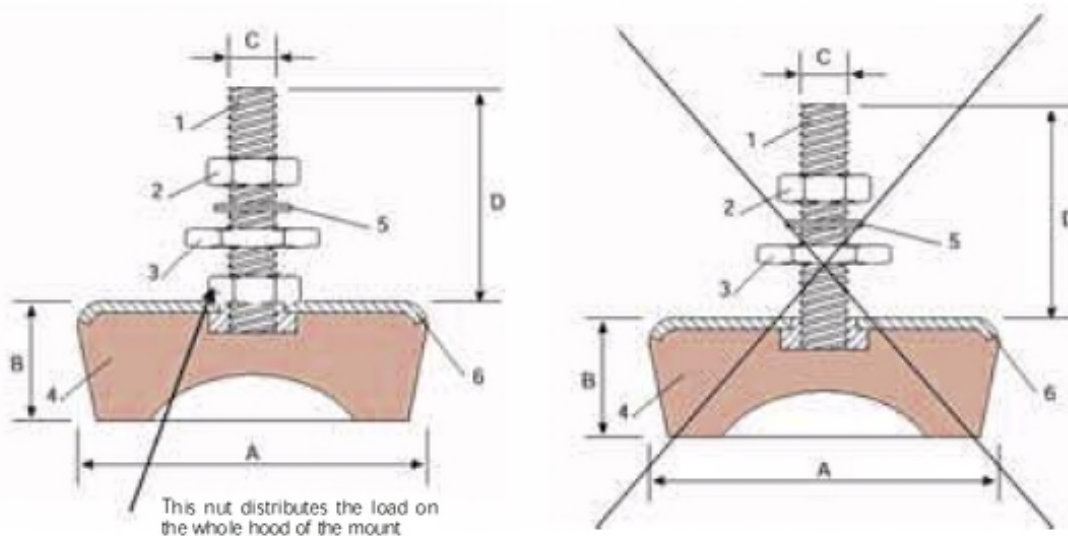
Alignment should therefore be checked 48 hours after installation of the machine.

If this is not possible contact our technical department and they will help you ascertain the optimal alignment of your machine.

Recommendations for machine mounts without adjustable hood

On installing one of our machine mounts without adjustable hood, great care should be taken to ensure that the load of the machine does not rest on the screw, but on the hood.

This applies to our SV, SM and Low SV Series mounts.



## RECOMMENDATIONS FOR TORQUE TIGHTENING BRB, BSB, MD and MARINE

Before installing, make sure that the support surfaces are sufficiently rigid, flat and totally parallel.

The main fixing screw should be tightened according to the torques recommended in the following table:

	M8	M10	M12	M16	M20	M24
Tightening torque in Nm	18	32	55	125	190	285

## RECOMMENDATIONS FOR THE INSTALLATION OF ANTI-VIBRATION MOUNTS

The position of the anti-vibration mounts determines the vibration modes of the suspended ensemble. An even load distribution over all the mounts is advisable. One easy way of obtaining this is by installing the mounts equidistant from the CDG of the ensemble.

Mounts installed at the height of the crankshaft provide more stable suspensions and avoid over-movement of the suspended ensemble, particularly in mobile or moving applications.

The external connection to the suspended unit such as cable, exhaust, hydraulic pipes etc must be elastic enough to prevent vibrations from being transmitted to the chassis through them.

