Hydraulic Conical Vibration Isolator Washer

ZnNi-coated steel safety washer designed for Hydraulic Conical Vibration Isolators to provide uniform load distribution and reliable mechanical retention.



The **AMC-MECANOCAUCHO® Hydraulic Conical Vibration Isolator Washer** is specifically designed to complete the installation of **Hydraulic Conical Vibration Isolators** and provide **uniform distribution of the clamping forces** over the elastomeric element.

Its geometry is adapted to the **conical rubber profile**, allowing the deformation required for correct operation of the isolator while providing **reliable mechanical retention of the assembly** under demanding dynamic loads.

Manufactured from **steel with a ZnNi coating**, it provides **high corrosion resistance** and excellent durability in mobile and industrial applications exposed to demanding environmental conditions.

The washer is an integral part of the **Hydraulic Conical Vibration Isolator mounting system** and must be used with the corresponding isolator and mounting dimensions.

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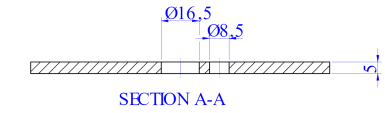
sales@amcsa.es

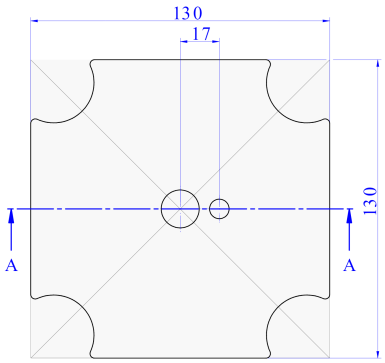
www.mecanocaucho.com

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Drawings

HYDRAULIC CONE MOUNTS 31 / HYDRAULIC CONE MOUNTS 32 / HYDRAULIC CONE MOUNTS 70 / HYDRAULIC CONE MOUNTS 71 / HYDRAULIC CONE MOUNTS 72





Type	Weight(lbs)	Code	Ø ext.(in)	Ø int.(in)	Thickness(in)
HYDRAULIC CONE MOUNTS 31	0.41	606488	3.15	0.65	0.2
HYDRAULIC CONE MOUNTS 32	0.39	610147	3.78	0.65	0.2
HYDRAULIC CONE MOUNTS 70	1	610296	4.33	0.65	0.2
HYDRAULIC CONE MOUNTS 71	1	610296	4.33	0.65	0.2
HYDRAULIC CONE MOUNTS 72	1	610305	5.12	0.65	0.2

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Technical characteristics

AMC MECANOCAUCHO® hydraulic shock absorbers have an advanced breakaway device inside the bearing that prevents tensile forces on the elastomer by limiting its upward vibration stoke. The newly-developed internal structure of the vibration dampener consists of a metal part system. The elastomer is vulcanised to the whole of this. This prevents a loss of hydraulic fluid should the vibration dampener be subject to great dynamic overloads.

The thickness of the metal parts ensures that the dampener is strong enough for mobile applications. The metal parts are treated with a resistant corrosion protection for outdoor use.

Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

Mount offering high stability

Suspensions built with this mount barely move, thanks to a geometry designed to control the movement of the suspended element.

High robustness in dynamic applications for improved durability

These mounts offer enhanced robustness and are designed to withstand extreme load peaks. They are especially recommended when good durability is required in demanding applications.

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