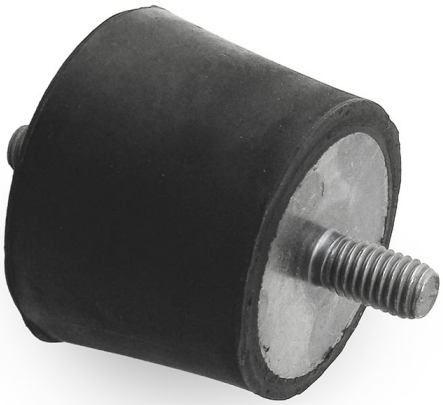
Trapezoidal Vibration Isolators

Simple and cost-effective rubber-metal vibration isolators designed for HVAC equipment and light machinery.



The **AMC-MECANOCAUCHO® Trapezoidal Vibration Isolators** are simple and robust rubber-metal vibration isolators designed to **reduce the transmission of vibration and structure-borne noise** between equipment and its supporting structure.

Their **trapezoidal geometry** allows the elastomer to work mainly in **compression and shear**, providing a suitable stiffness for the vibration isolation of light machinery and auxiliary equipment.

The integrated metal parts provide a **simple and reliable mounting arrangement**. Their compact design facilitates installation and provides a cost-effective solution for a wide range of industrial applications.

Trapezoidal Vibration Isolators are particularly suitable for **HVAC equipment, fans, pumps, small engines, auxiliary equipment, and light industrial machinery**.

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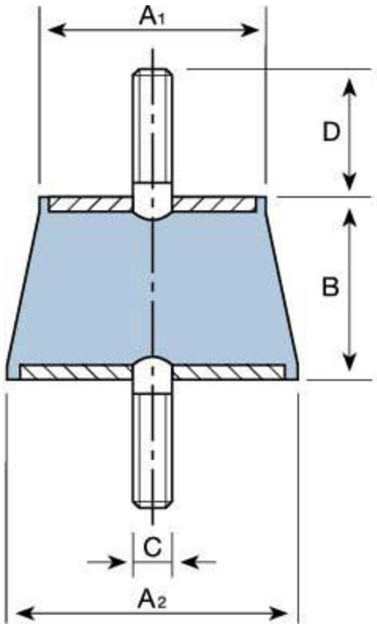
Drawings

A-35-b / A-35 / A-45-b / A-45 / A-60 / A-130



Type	B(in)	C(in)	D(in)	A1	A2	Code	Max. Load (lbs)	Weight(lbs)	Min.Load (lbs)
A-35-b	0.94	M-8	0.59	30	40	131001	66	0.13	7
A-35	0.94	M-8	0.71	30	40	131002	110	0.13	55
A-45-b	1.34	M-8	0.59	40	50	131003	154	0.24	110
A-45	1.34	M-8	0.59	40	50	131004	187	0.25	132
A-60	1.89	M-12	Hembra	60	65	131005	331	1	187
A-130	2.83	M-18	Hembra	130	140	131006	2	4	1102

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Technical characteristics

Depending on the size of the rubber block, the AMC Mecanocaucho® bobbing has more or less elasticity, which is greater particularly in all directions perpendicular to its axis (shear). The AMC Mecanocaucho® bobbing thus makes it possible to make joins which permit major relative movements, up to several millimetres (in the case of heat expansion, chassis deformations, etc.). The AMC Mecanocaucho® bobbing serves very well for the vibration isolation of machines where the vibrations are perpendicular to their axis, unless these stresses are too much when applied in this direction.

Advantages

Easy installation

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

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