Levelling Shims

Modular shims for stable and accurate levelling of marine engine mounts. For fine adjustment, they can be combined with Hi Sec height-adjustment systems.

The **AMC-MECANOCAUCHO® levelling shims** are designed for the **levelling and height adjustment of marine engine mounts**, allowing the installation height to be adapted in controlled increments.

They can be used individually or combined to achieve the required height. Where **fine and precise adjustment** is required, they can be used together with **Hi Sec height-adjustment systems**.

The shims are manufactured from **steel with an anti-corrosion treatment**, providing good resistance to the demanding conditions found in **marine environments**.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
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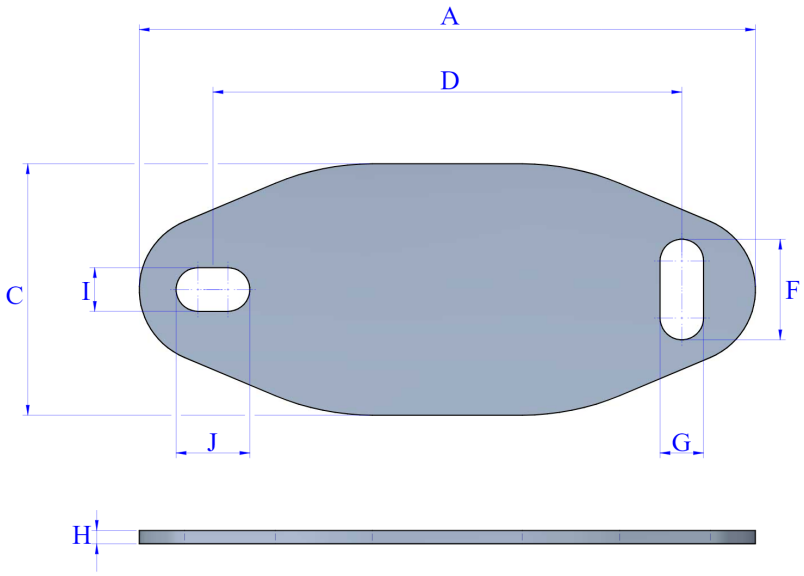
Drawings

SMALL / MEDIUM / LARGE



Type	Code	A(mm)	C(mm)	D(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)	Weight(kg)
SMALL	136301	120	60	100	14	11	3	14	11	0.13
MEDIUM	136302	183	75	140	30	13	4	13	22	0.326
LARGE	136303	228	112	182	34	18	5	18	26	0.792

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Technical characteristics

These shims avoid using the traditional height adjusting studs. The traditional levelling systems are subjected to cyclic bending moments and are exposed to eventual ruptures.

As a result of it most of the marine certification companies do not recommend to use height adjusting studs. Reference is made to DET NORSKE VERITAS (DNV) rules for ships / high speed craft –issue January 2016, Pt.4 Ch3 Sec.1 F202. This requirement is referred to rigid mounting, but is considered applicable to this topic.

Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

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 where good durability is required in demanding applications.

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