VD Anti-Vibration Mounts

High-deflection rubber-to-metal anti-vibration mounts designed for the isolation of machinery and equipment subjected to dynamic loads.



The **AMC-MECANOCAUCHO® VD anti-vibration mounts** are rubber-to-metal mounts designed to provide **high elasticity and effective vibration isolation**. Their geometry allows the elastomer to work simultaneously in **compression and shear**, providing high deflection under load.

The mount consists of **two metal parts bonded to an elastomeric element**, forming a compact and robust assembly. The integrated fixing points simplify mounting and allow straightforward installation on different types of machinery and equipment.

Thanks to their **high deflection and low stiffness**, VD mounts provide **low natural frequencies** and effectively reduce the transmission of vibration to the supporting structure.

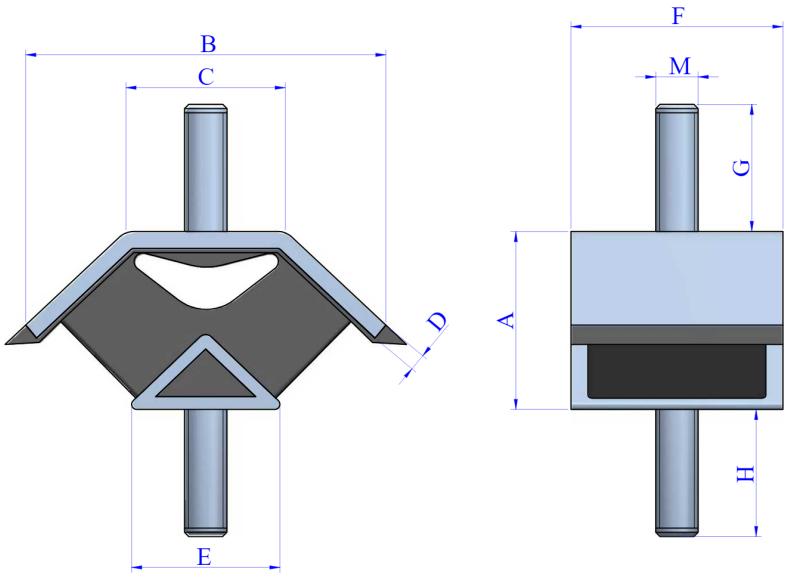
They are particularly suitable for **rotating machinery, saildrive transmissions, generator sets, pumps, compressors and industrial equipment** requiring high levels of vibration isolation without excessive equipment movement.

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Drawings

Small 40 / Small 45 M12 / Small 50 / Small 60 / Small 60 M12 / Medium 45 / Medium 50 / Medium 60 / Medium 70

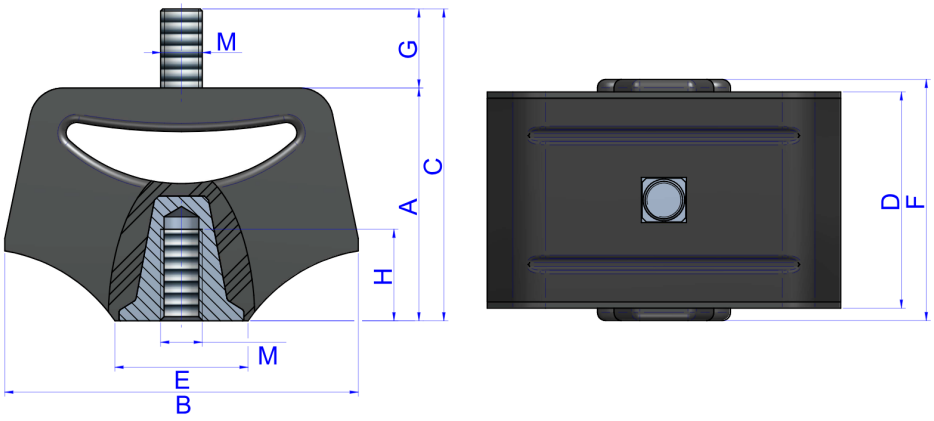


Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	M	Weight(gr)	Code	Max. Load (kg)
Small 40	41	95	39	4	35	50	23	25	M-10	330	148121	75
Small 45 M12	41	95	39	4	35	50	30	30	M-12	350	148132	90
Small 50	41	95	39	4	35	50	23	25	M-10	330	148123	100
Small 60	41	95	39	4	35	50	23	25	M-10	330	148125	110
Small 60 M12	41	95	39	4	35	50	30	31	M-12	350	148133	110
Medium 45	64	130	60	6	52	60	34	36	M-12	805	148101	100
Medium 50	64	130	60	6	52	60	34	36	M-12	805	148102	120
Medium 60	64	130	60	6	52	60	34	36	M-12	805	148104	150
Medium 70	64	130	60	6	52	60	34	36	M-12	805	148105	175

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VD56

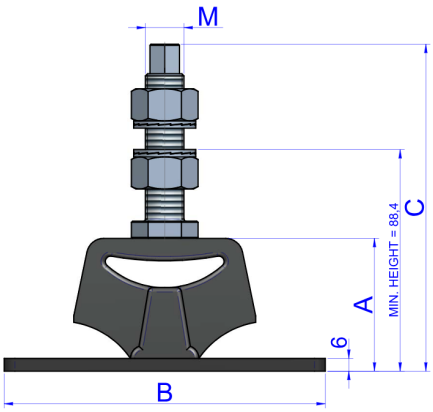


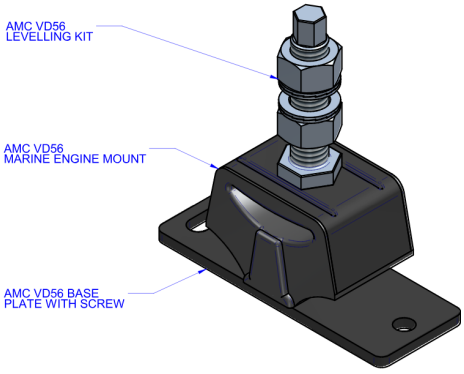
Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	M	Weight(gr)	Code	Max. Load (kg)	Shore
VD56	56	85	75	52	32	58	18	22	M-10 x 1.5	543	148008	60	50Sh
											148009	90	60Sh
											148010	140	70Sh

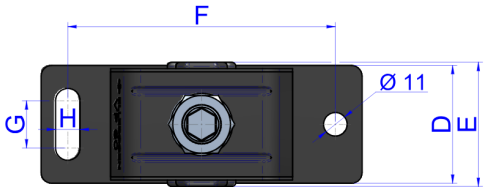
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VD56 Full Kit

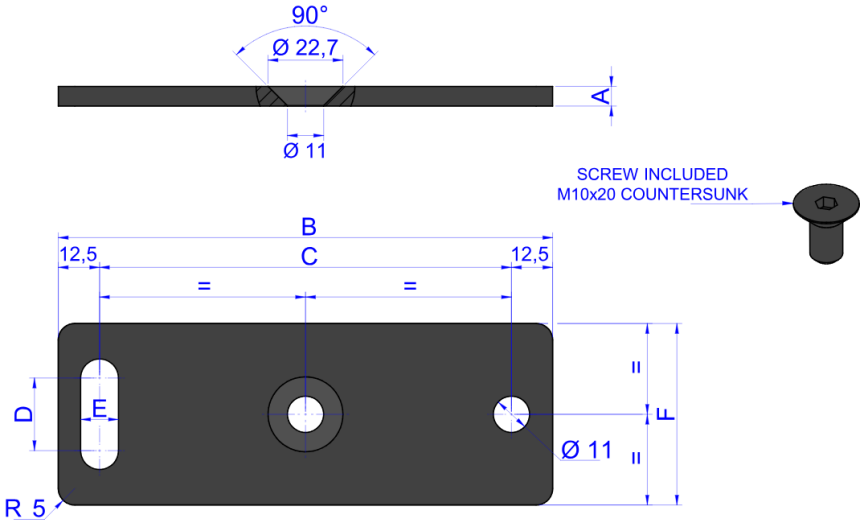






Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	M	Weight(gr)	Code	Max. Load (kg)	Shore
VD56 Full Kit	62	150	152,6	55	58	125	22	11,5	M18 x 1,5	1213	148145	50Sh	60
											148146	60Sh	90
											148147	70Sh	140

Base Plate VD56 150x55

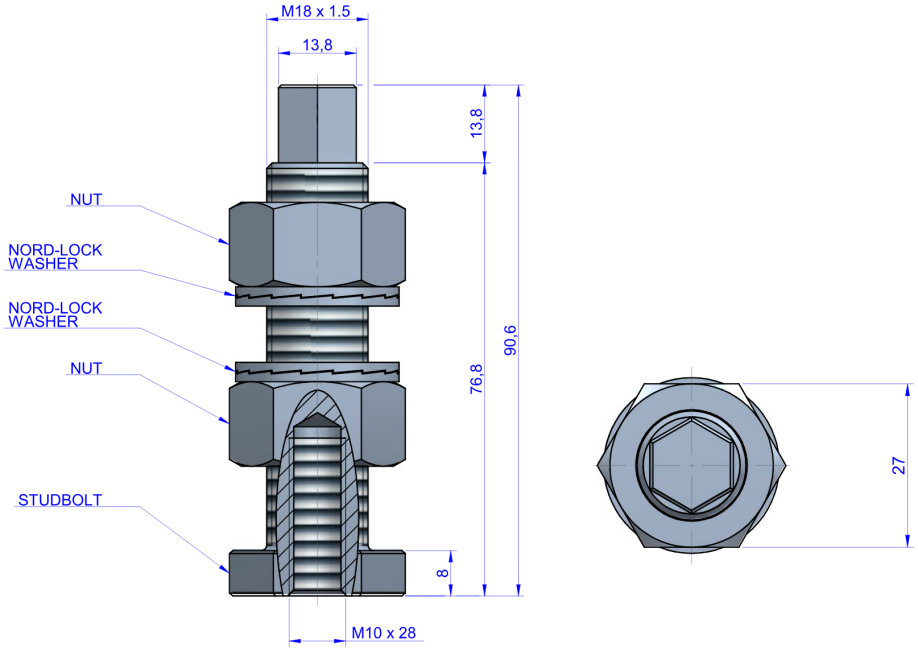


Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	M	Weight(gr)	Code	Max. Load (kg)	Shore
Base Plate VD56 150x55	6	150	125	22	11,5	55	-	-	-	16	708210	-	-

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VD56 levelling kit

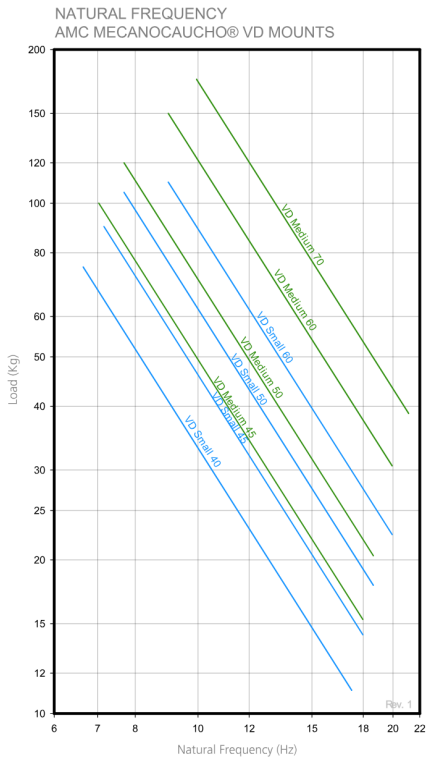


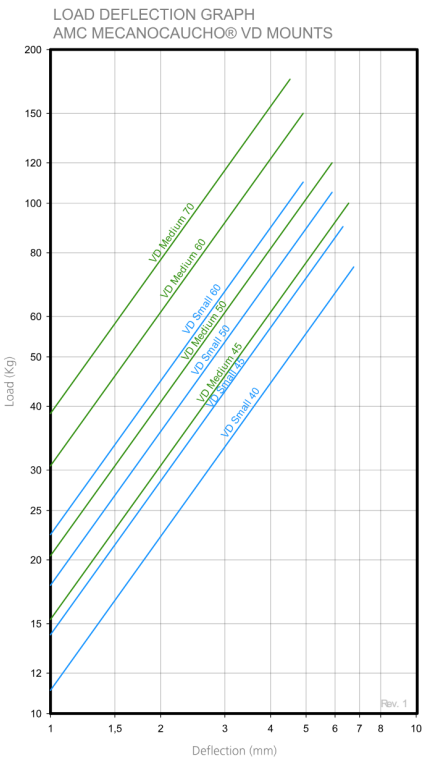
Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	M	Weight(gr)	Code	Max. Load (kg)	Shore
VD56 levelling kit	-	-	-	-	-	-	-	-	-	298	708306	-	-

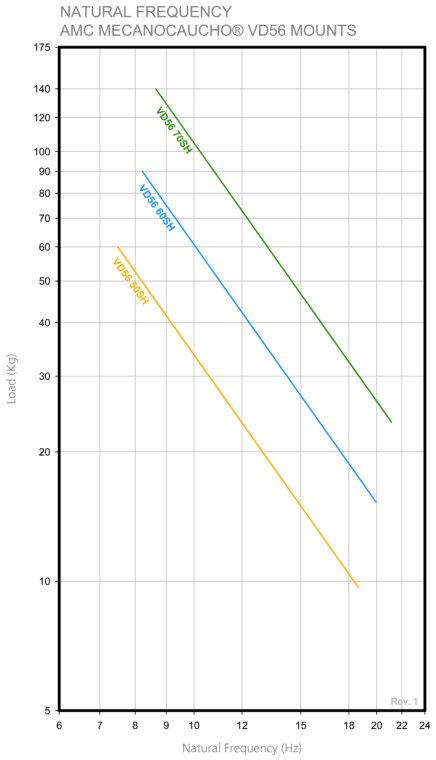
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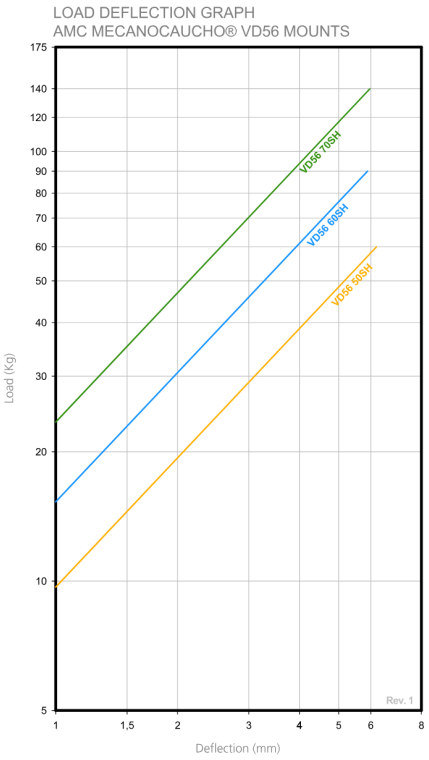
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Elastic properties









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Technical characteristics

The type VD Mount shape provides high deflections for relatively low loads. This means that the natural frequency is low and ideal for engines which frequently run at idle speed. It has three different stiffness rates in the Vertical , Lateral and Longitudonal axes which permits adjustment of stiffness modes for optimal isolation and stability .They can be installed at specific angles to provide adjustment of the suspension system . Please contact our Technical Department for further details .

Advantages

Easy Installation

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

Improved isolation

It offers improved isolation compared with conventional anti-vibration mounts of similar geometry.

High protection against weathering and chemical contamination

The bell housing protects the rubber from ozone and UV radiation, while also preventing contact with diesel, oils or other chemicals that could damage it.

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