4 AMC T Spring Mount

Modular and economical spring mount combining multiple standard springs in parallel for increased load capacity, with natural frequencies from 3.5 to 8 Hz.



The **AMC-MECANOCAUCHO® 4 AMC T Spring Mount** is designed for the **vibration isolation of machinery and equipment incorporating rotating or reciprocating components**, which may generate dynamic forces and vibration during operation.

Its design uses **multiple standard steel springs arranged in parallel**, increasing the **load capacity** whilst maintaining a simple, modular and economical construction.

The high elasticity of the springs enables **natural frequencies from 3.5 to 8 Hz**, effectively reducing the transmission of low-frequency vibration and dynamic forces to the supporting structure.

This modular design allows the load capacity to be adapted to the requirements of the application whilst using **standardised springs**, providing a particularly cost-effective option for machinery requiring higher loads without the need for special springs.

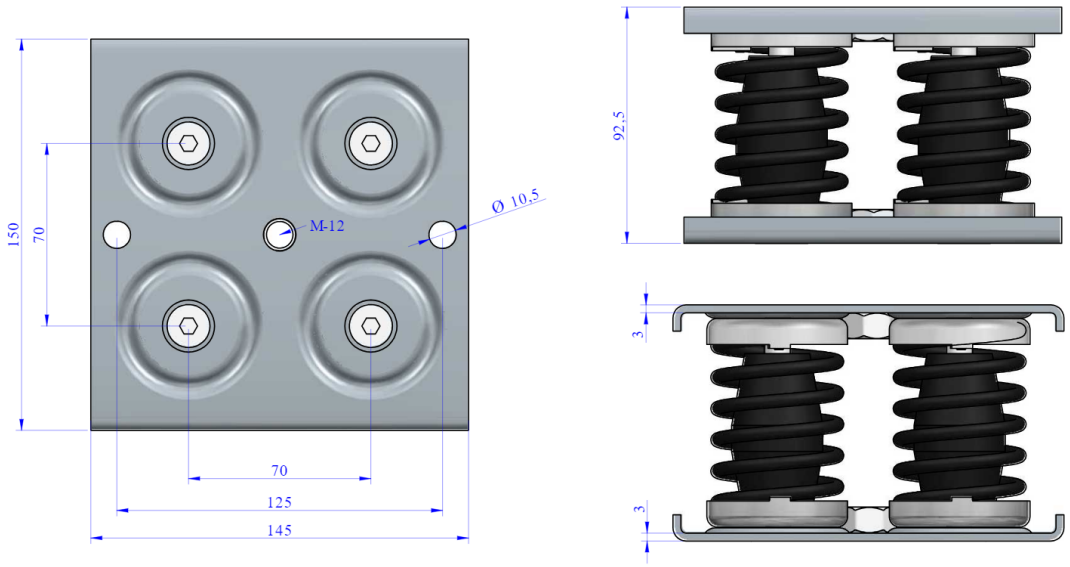
Reducing vibration transmission also helps **protect the machine and its components against dynamic stresses and fatigue**, whilst limiting the propagation of vibration and **structure-borne noise** to adjacent structures.

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Drawings

4 AMC T-1 / 4 AMC T-2 / 4 AMC T-3 / 4 AMC T-4 / 4 AMC T-5

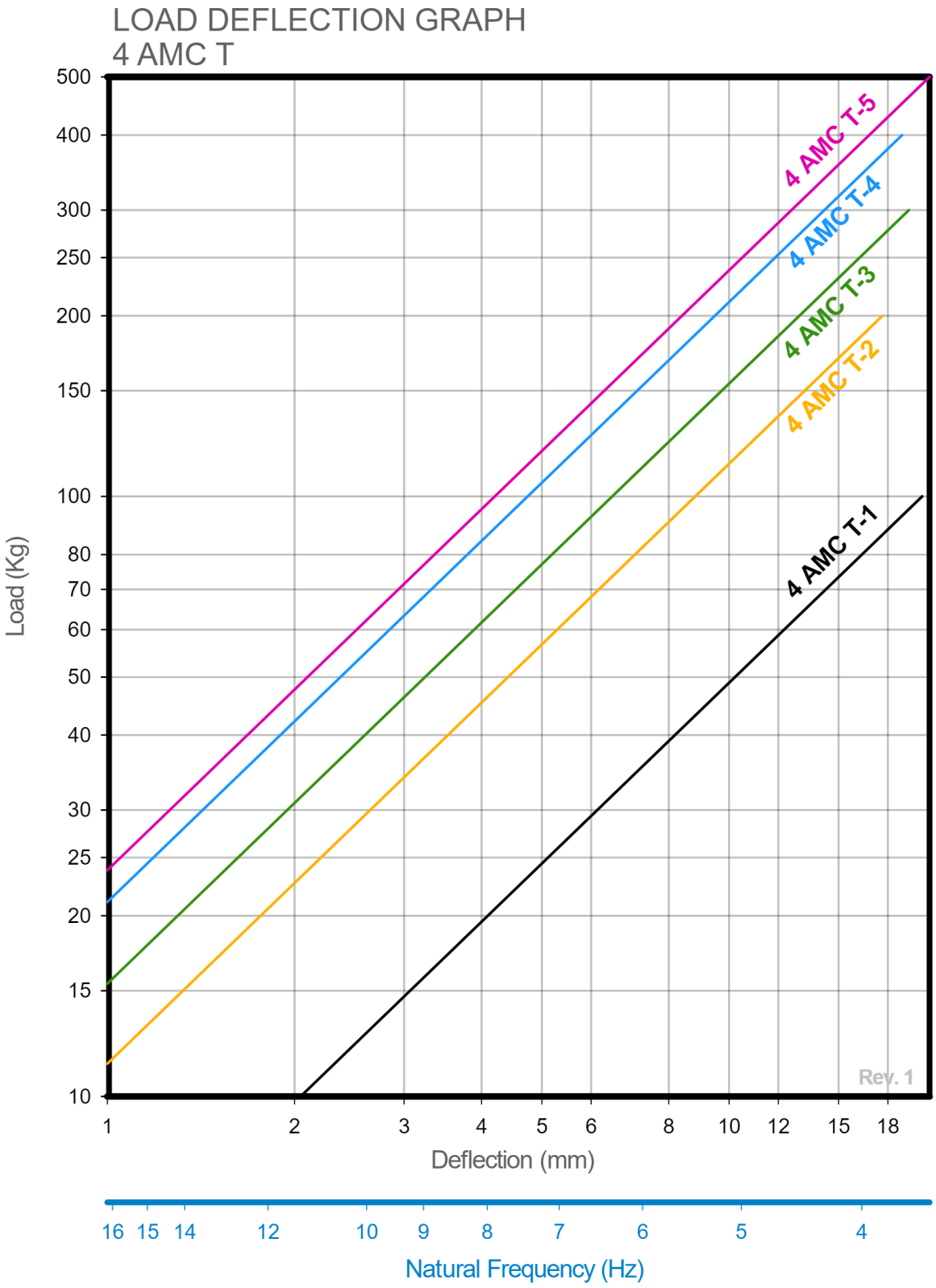


Type	Max.Load (kg)	Spring color	Min. Load (kg)	Code	K(N/mm)	Weight(kg)
4 AMC T-1	100	BLACK	40	20011	48	6.423
4 AMC T-2	200	BLUE	100	20012	111	6.645
4 AMC T-3	300	GREY	200	20013	151	6.899
4 AMC T-4	400	BEIGE	300	20014	207	6.954
4 AMC T-5	500	WHITE	400	20015	234	7.122

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Elastic properties



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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.

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