4 AMC T Spring Isolator

Modular and economical spring isolator 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 Isolator** 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** while 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 while using **standardized springs**, providing a particularly cost-effective option for machinery requiring higher loads without the need for special springs.

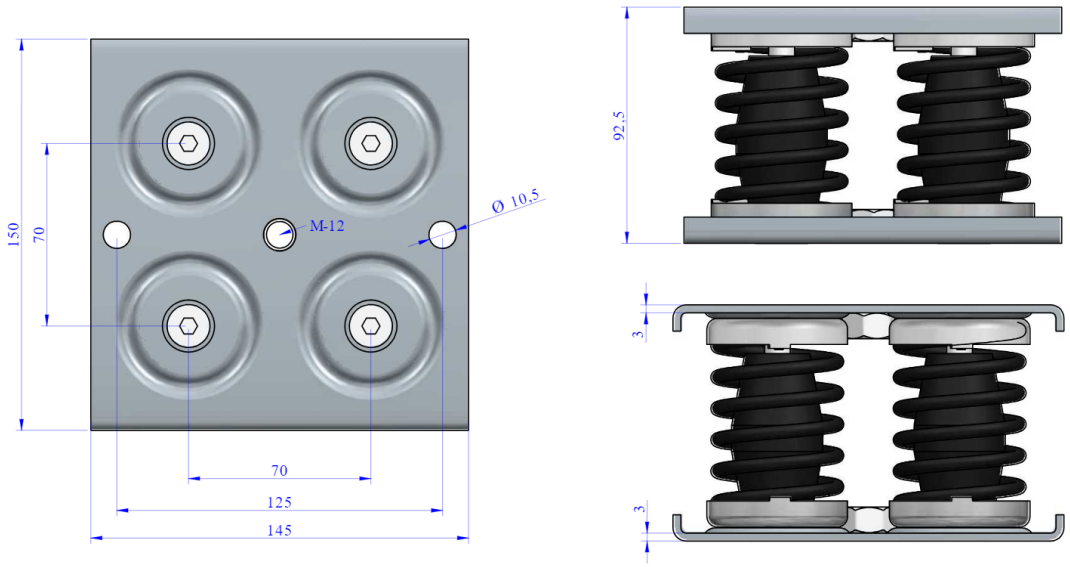
Reducing vibration transmission also helps **protect the machine and its components against dynamic stresses and fatigue**, while limiting the propagation of vibration and **structure-borne noise** to adjacent structures.

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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

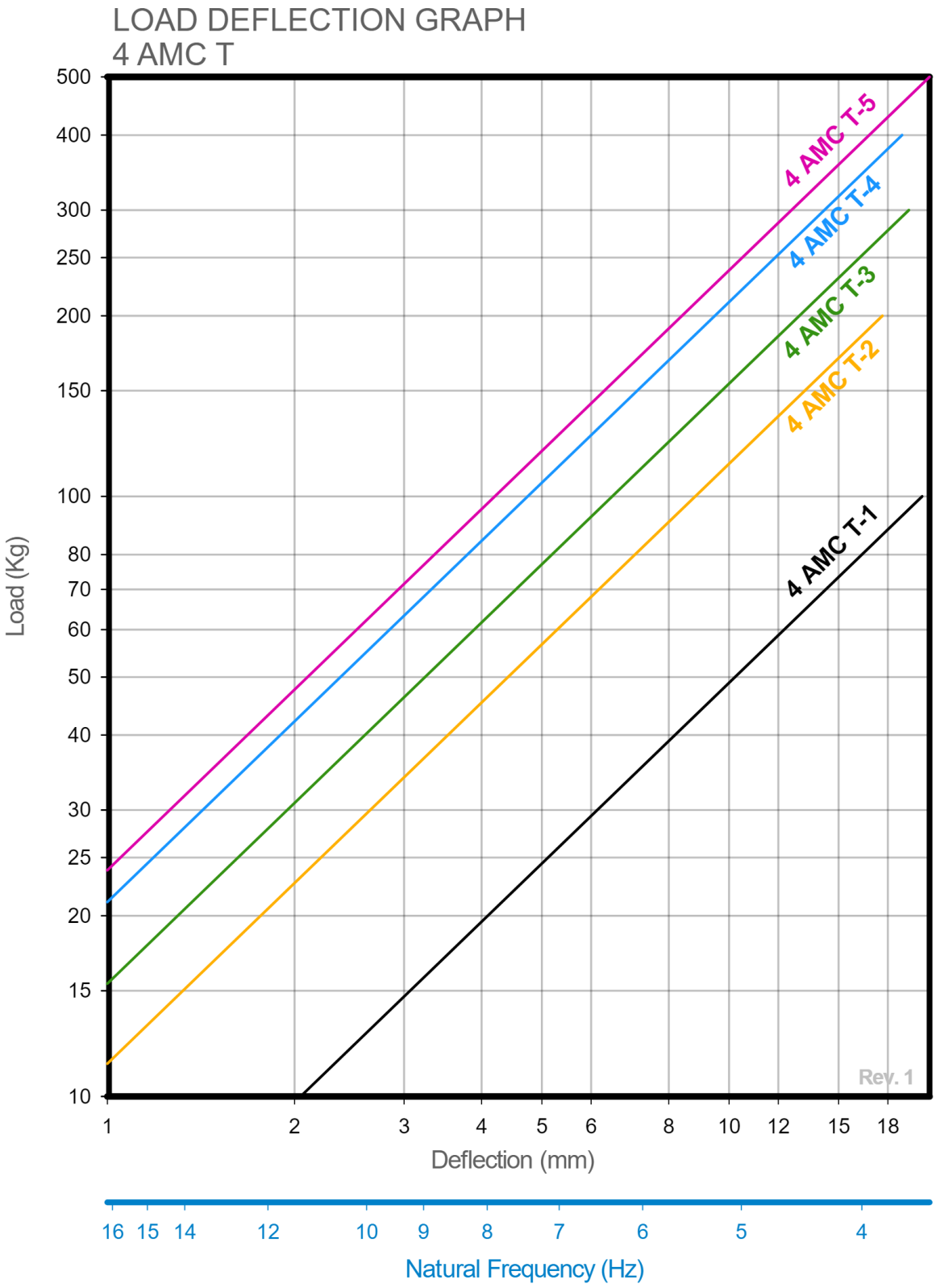


Type	Max. Load (lbs)	Spring color	Min.Load (lbs)	Code	K(N/mm)	Weight(lbs)
4 AMC T-1	220	BLACK	88	20011	48	14
4 AMC T-2	441	BLUE	220	20012	111	15
4 AMC T-3	661	GREY	441	20013	151	15
4 AMC T-4	882	BEIGE	661	20014	207	15
4 AMC T-5	1102	WHITE	882	20015	234	16

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Elastic properties



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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.

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