Stainless Steel Bobbins Type C

Rubber-metal bobbins with female stainless steel threaded inserts, designed for vibration isolation in damp, corrosive and demanding environments.

The **AMC-MECANOCAUCHO® Stainless Steel Bobbins Type C** are compact rubber-metal anti-vibration mounts designed to **reduce the transmission of vibration and structure-borne noise** between equipment and its supporting structure.

They consist of a **cylindrical elastomer body vulcanised between two stainless steel metal plates with female threaded inserts**. This simple and robust design provides an elastic connection whilst allowing easy installation on a wide range of equipment.

Depending on the installation, the elastomer can work in **compression, shear or a combination of both**, allowing the elastic behaviour of the mount to be adapted to the requirements of the application.

The use of **stainless steel metal components provides excellent corrosion resistance**, making these bobbins particularly suitable for **marine environments, food-processing equipment, outdoor installations and industrial applications exposed to moisture or corrosive atmospheres**.

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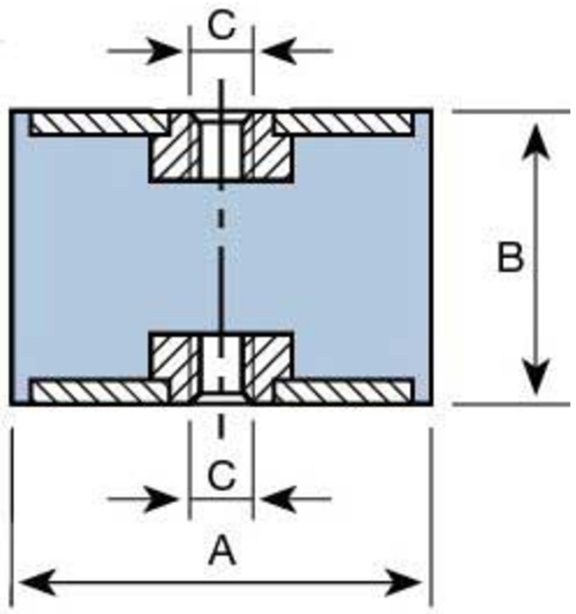
Drawings

BOBBINS TYPE C STAINLESS STEEL



Type	Code	A(mm)	B(mm)	C(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)	SHEAR Max. Load (daN)	SHEAR Deflection (mm)
BOBBINS TYPE C STAINLESS STEEL	120401	60	35	M-10	0.186	300	4	30	3
	120402	60	60	M-10	0.269	200	8,5	30	7
	120403	70	55	M-12	0.347	325	8	35	7
	120404	80	75	M-12	0.56	450	14	40	12,5
	120405	100	80	M-16	0.992	1000	10	80	10

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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 minimal structural modifications, making installation quick and straightforward.

Superior corrosion protection

The metal parts of this anti-vibration mount are made of stainless steel to prevent corrosion in the most demanding environments.

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