Bobbins Type C Stainless Steel

Female antivibration support in stainless steel, corrosion-resistant and easy to install, ideal for isolating vibrations in humid environments.

The AMC Mecanocaucho® Bobbins are devices for making elastic anchorings or fixings. They can be used in a wide variety of applications, particularly for elastic suspensions and anti vibration isolation of machines and different mechanical organs. They are made of a block of rubber with two parallel metal parts at the end which enable it to be fixed either by screws in the “C” model or with nuts in the “A” model or a combination of both in the “B” model. The rubber block may be cylindrical in cases requiring greater load capacity or as a diabolo when greater elasticity is required in all directions.

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

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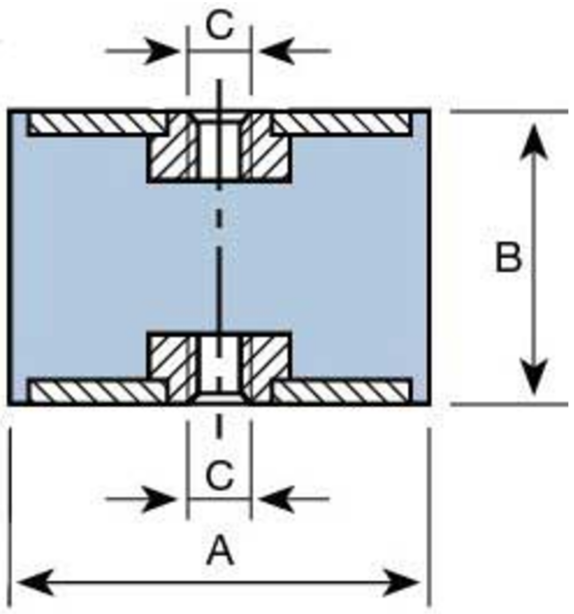
Drawings

BOBBINS TYPE C STAINLESS STEEL



Type	Code	A(in)	B(in)	C(in)	Weight(lbs)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (in)	SHEAR Max. Load (daN)	SHEAR Deflection (in)
BOBBINS TYPE C STAINLESS STEEL	120401	2.36	1.38	M-10	0.41	300	0.16	30	0.12
	120402	2.36	2.36	M-10	1	200	0.33	30	0.28
	120403	2.76	2.17	M-12	1	325	0.31	35	0.28
	120404	3.15	2.95	M-12	1	450	0.55	40	0.49
	120405	3.94	3.15	M-16	2	1000	0.39	80	0.39

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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 no major modifications to the structure for installation.

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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