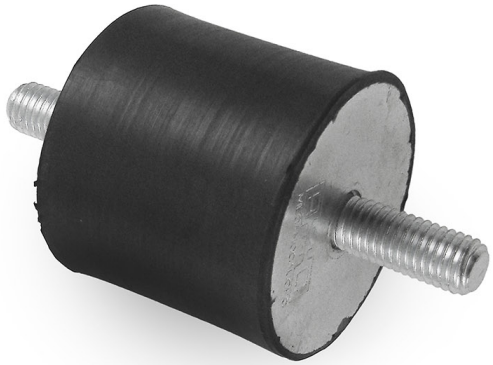
Stainless Steel Bobbins Type A

Rubber-metal bobbins with male stainless steel fixings, designed for vibration isolation in corrosive and demanding environments.



The **AMC-MECANOCAUCHO® Stainless Steel Bobbins Type A** 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 fitted with male threaded studs**. 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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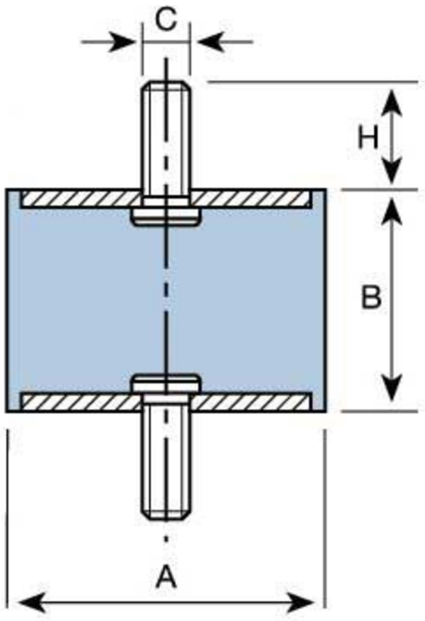
Drawings

BOBBINS TYPE A STAINLESS STEEL



Type	Code	A(mm)	B(mm)	C(mm)	H(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)	SHEAR Max. Load (daN)	SHEAR Deflection (mm)
BOBBINS TYPE A STAINLESS STEEL	120301	20	20	M-6	18	0.023	30	4,5	5	3
	120302	20	25	M-6	18	0.024	30	5	4,5	3,5
	120303	25	25	M-6	18	0.033	55	6	8	4
	120304	25	30	M-6	18	0.035	50	8	8	5,5
	120305	30	20	M-8	23	0.051	80	5	11	4
	120306	30	30	M-8	23	0.058	70	7	11	5,5
	120307	40	30	M-8	23	0.086	150	6	30	5
	120308	40	40	M-10	28	0.117	120	9	20	7
	120309	50	25	M-10	28	0.133	300	6	25	5
	120310	50	35	M-10	28	0.153	250	8	25	6,5
	120311	50	45	M-10	28	0.182	190	9,5	25	7,5
	120312	60	35	M-10	28	0.224	300	6	30	5,5
	120313	60	45	M-10	28	0.244	250	7,5	30	7
	120314	60	60	M-10	28	0.282	200	8	30	7
	120315	70	45	M-12	37	0.352	350	8	35	7

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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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