

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.

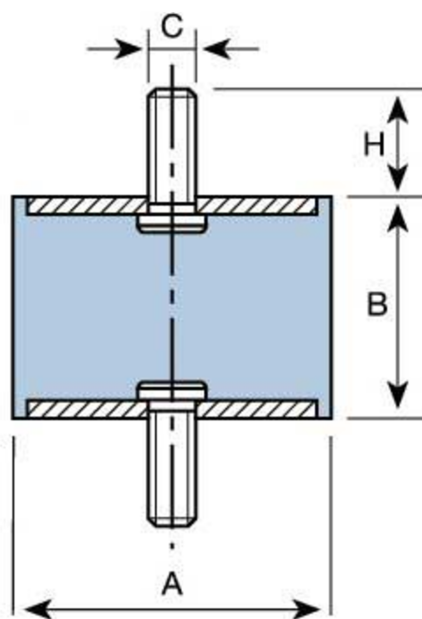
They consist of a **cylindrical elastomer body vulcanised between two stainless steel metal plates fitted with male threaded studs**. This simple and robust design provides an elastic connection whilst allowing easy installation on a wide range of equipment.

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**.

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	0.038	50	8	8	5,5
	120305	30	20	M-8	23	0.051	80	5	11	4
	120306	30	30	M-8	23	0.059	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

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 joints 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.

