Diabolo Rubber Buffers Type C

Elastic diabolo-shaped rubber buffer with female threaded fixing, designed to absorb shocks, limit travel and reduce forces transmitted to the supporting structure.

The **AMC-MECANOCAUCHO® Type C Diabolo Rubber Buffers** are elastic rubber elements designed to **absorb shocks and limit the travel of moving parts or equipment**.

Their **diabolo-shaped geometry** allows significant rubber deformation under compression. This characteristic provides **progressive absorption of impact energy** and helps to reduce the forces transmitted to the supporting structure compared with a rigid stop.

The elastic deformation of the rubber also helps to **reduce shock and noise at the end of travel**, whilst protecting mechanical components against repeated contact.

Featuring a **female threaded fixing**, Type C Diabolo Rubber Buffers are particularly suitable for **industrial machinery, mobile equipment, mechanisms, doors and systems subjected to repeated impacts or movements**.

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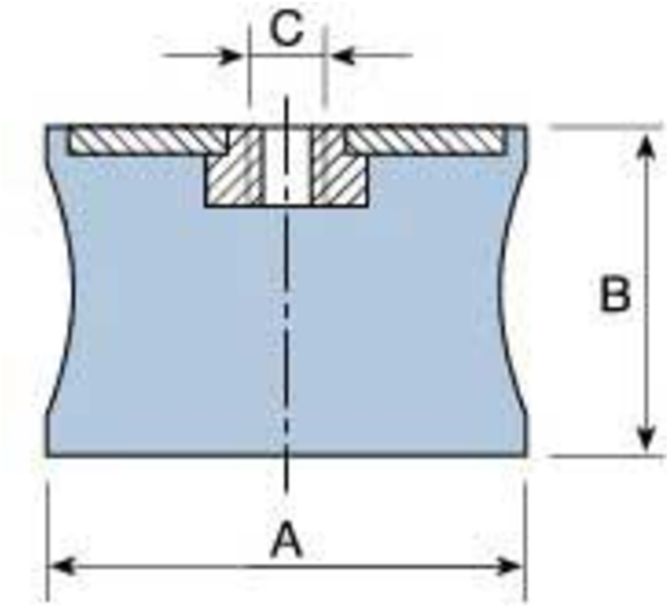
Drawings

F.3 / F.7 / F.1 / F.2 / F.4 / F.8 / F.5 / F.6



Type	Code	A(mm)	B(mm)	C(mm)	Weight(kg)	Static Load Max (daN)	Maximum Total Load (N)	Dynamic Deflection (mm)	Static Deflection (mm)
F.3	114011	30	23	M-8	0.036	40	900	9	5
F.7	114012	44	42	M-8	0.066	50	1000	10	6
F.1	114013	60	44	M-8	0.098	40	1000	10	4
F.2	114014	60	44	M-8	0.117	75	2000	12	5,5
F.4	114015	60	60	M-10	0.204	150	3500	15	8
F.8	114016	60	31	M-10	0.127	100	2750	14	3,5
F.5	114017	80	70	M-14	0.445	300	8000	16	9,5
F.6	114018	95	74	M-16	0.67	400	10000	18	9,5

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Technical characteristics

The elastic buffers are made with a compound of rubber which permits major deformations with notable absorptions of energy. They can be made with high-damping rubber to order. The absorption of energy is performed thus, irreversibly and opposes the rebound phenomenon.

Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

Improved isolation

It offers improved isolation compared with conventional anti-vibration mounts of similar geometry.

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