Diabolo Buffers Type D

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



The **AMC-MECANOCAUCHO® Type D Male Diabolo 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 reduce the forces transmitted to the supporting structure compared with a rigid stop.

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

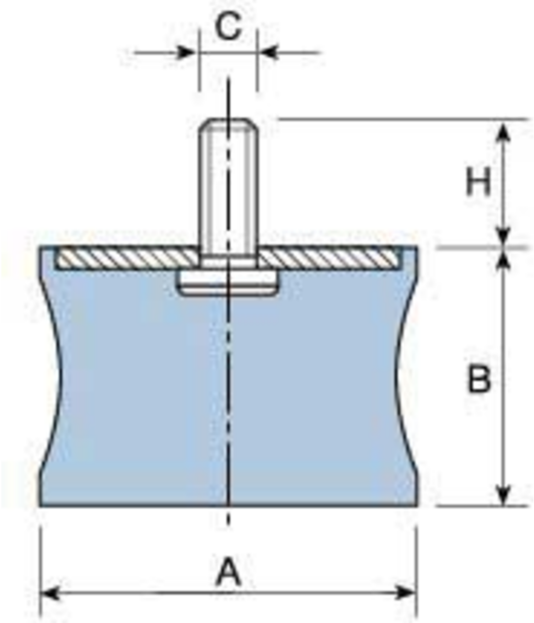
Featuring a **male threaded fixing**, Type D Diabolo Buffers are particularly suitable for **industrial machinery, mobile equipment, mechanisms, doors and systems subjected to repeated impacts or movements**.

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

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



Type	Code	A(mm)	B(mm)	C(mm)	H(mm)	Weight(kg)	Static Load Max (daN)	Maximum Total Load (N)	Dynamic Deflection (mm)	Static Deflection (mm)
F.3	114001	30	23	M-8	20	0.032	40	900	9	5
F.7	114002	44	42	M-8	20	0.07	50	1000	10	6
F.1	114003	60	44	M-8	20	0.116	40	1000	10	4
F.2	114004	60	44	M-8	20	0.131	75	2000	12	5,5
F.4	114005	60	60	M-10	25	0.221	150	3500	15	8
F.8	114006	60	31	M-10	25	0.135	100	2750	14	3,5
F.5	114007	80	70	M-14	35	0.504	300	8000	16	9,5
F.6	114008	95	70	M-16	45	0.725	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.

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