Diabolo Rubber Stops Type C

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

The **AMC-MECANOCAUCHO® Type C Diabolo Rubber Stops** 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 elastic deformation of the rubber also helps to **reduce shock and noise at the end of travel**, while protecting mechanical components against repeated contact.

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

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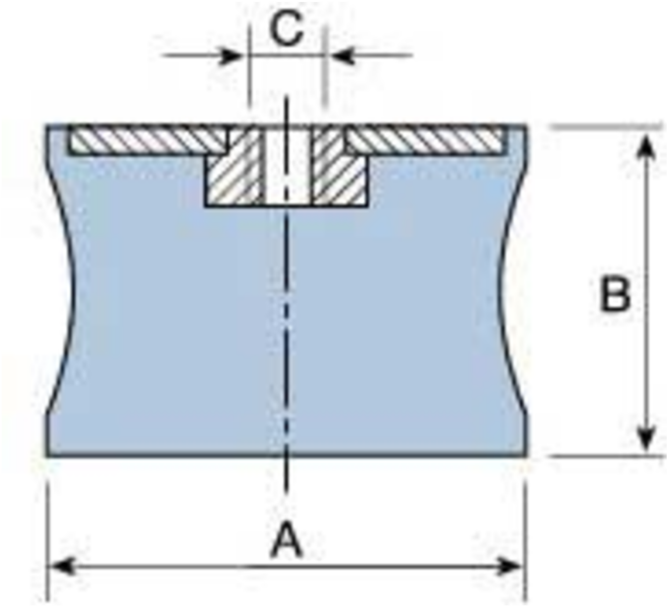
Drawings

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



Type	Code	A(in)	B(in)	C(in)	Weight(lbs)	Static Load Max (daN)	Maximum Total Load (N)	Dynamic Deflection (in)	Static Deflection (in)
F.3	114011	1.18	0.91	M-8	0.08	40	900	0.35	0.2
F.7	114012	1.73	1.65	M-8	0.15	50	1000	0.39	0.24
F.1	114013	2.36	1.73	M-8	0.22	40	1000	0.39	0.16
F.2	114014	2.36	1.73	M-8	0.26	75	2000	0.47	0.22
F.4	114015	2.36	2.36	M-10	0.45	150	3500	0.59	0.31
F.8	114016	2.36	1.22	M-10	0.28	100	2750	0.55	0.14
F.5	114017	3.15	2.76	M-14	1	300	8000	0.63	0.37
F.6	114018	3.74	2.91	M-16	1	400	10000	0.71	0.37

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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 no major modifications to the structure for installation.

Improved isolation

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

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