Type C Progressive Buffers

Progressive rubber buffers with female fixing, designed to progressively absorb shocks, limit travel and reduce forces transmitted to the structure.

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

Their **conical geometry** increases the contact area as the rubber deforms. As a result, **stiffness progressively increases with compression**, allowing a significant amount of energy to be absorbed while avoiding an excessively abrupt response to impact.

Compared with a rigid stop, this progressive deformation helps to **reduce forces transmitted to the structure, shocks and noise**, while providing effective motion control at the end of travel.

Equipped with a **female fixing**, Type C Progressive Buffers are particularly suitable for **industrial machinery, mobile equipment, doors and mechanisms subjected to repeated impacts** or requiring progressive energy absorption.

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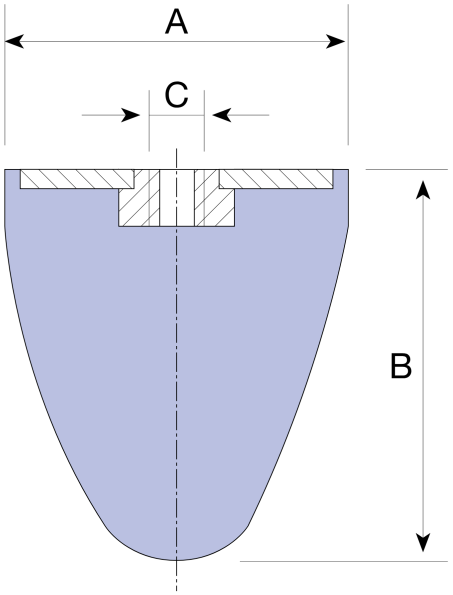
Drawings

T-25 / T-30xM6 / T-30xM8 / T-50x50 / T30x36 / T-50x58 / T-50x64 / T-70



Type	Code	Max. Load(kg)	A(mm)	B(mm)	C(mm)	Weight(kg)	Energy(Nm)	Dynamic Deflection (mm)
T-25	115008	100	25	19	M-8	0.02	3	8
T-30xM6	115009	140	30	30	M-6	0.023	6	15
T-30xM8	113129	140	30	30	M-8	0.025	6	15
T-50x50	115010	340	50	50	M-8	0.102	30	25
T30x36	115034	140	30	36	M-8	0.027	12	13
T-50x58	115012	400	50	58	M-8	0.114	37	28
T-50x64	115011	370	50	64	M-8	0.134	40	32
T-70	115014	550	72	58	M-12	0.21	50	26

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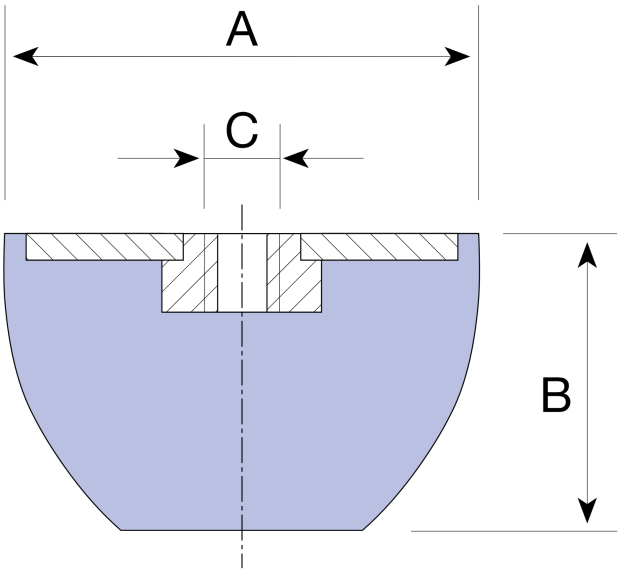
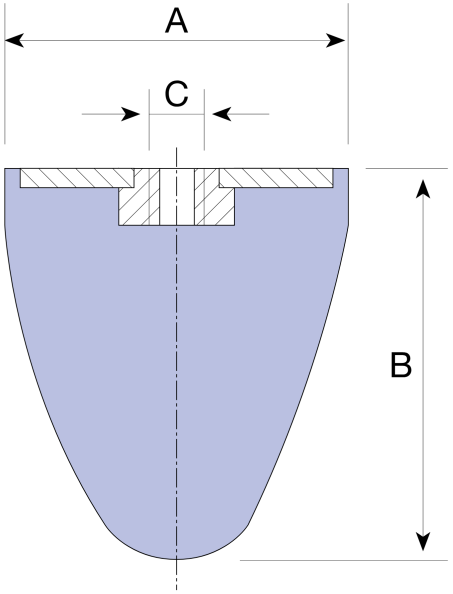
T - 85



Type	Code	Max. Load(kg)	A(mm)	B(mm)	C(mm)	Weight(kg)	Energy(Nm)	Dynamic Deflection (mm)
T - 85	116011	1500	84	52	M-12	0.315	200	20

T-95



Type	Code	Max. Load(kg)	A(mm)	B(mm)	C(mm)	Weight(kg)	Energy(Nm)	Dynamic Deflection (mm)
T-95	115015	1100	94	80	M-16	0.497	120	37

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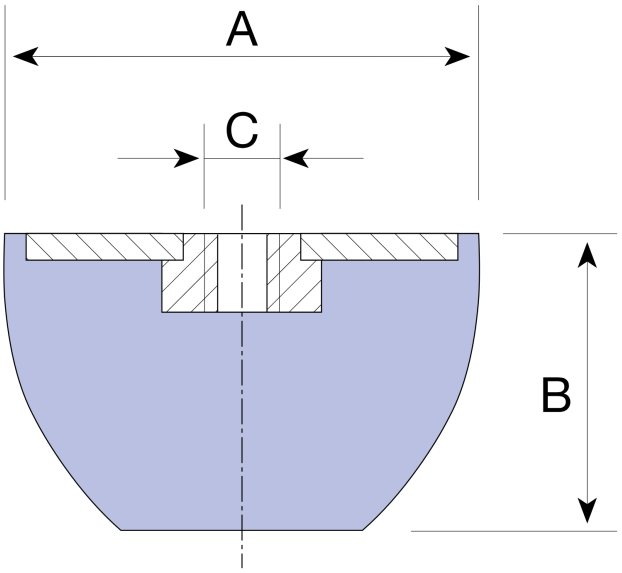
T -120 / T - 220



Type	Code	Max. Load(kg)	A(mm)	B(mm)	C(mm)	Weight(kg)	Energy(Nm)	Dynamic Deflection (mm)
T -120	116012	3000	120	75	M-16	0.89	340	22
T - 220	116013	15000	220	137	M-24	6.668	2500	40

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Technical characteristics

These buffers are made with a rubber compound permitting major deformations under impact with notable absorption of energy. They can be made with high-damping rubber to order, however , absorption of energy inhigh damped compounds is performed with reduced rebound movement and with slightly higher transfer levels of stress to the structure .

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