Type D Progressive Rubber Stops

Progressive rubber stops with male mounting stud, designed to progressively absorb shocks, limit travel and reduce forces transmitted to the structure.

The **AMC-MECANOCAUCHO® Type D Progressive Rubber Stops** 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 **male mounting stud**, Type D Progressive Rubber Stops are particularly suitable for **industrial machinery, mobile equipment, vehicles and mechanisms subjected to repeated impacts** or requiring progressive energy absorption.

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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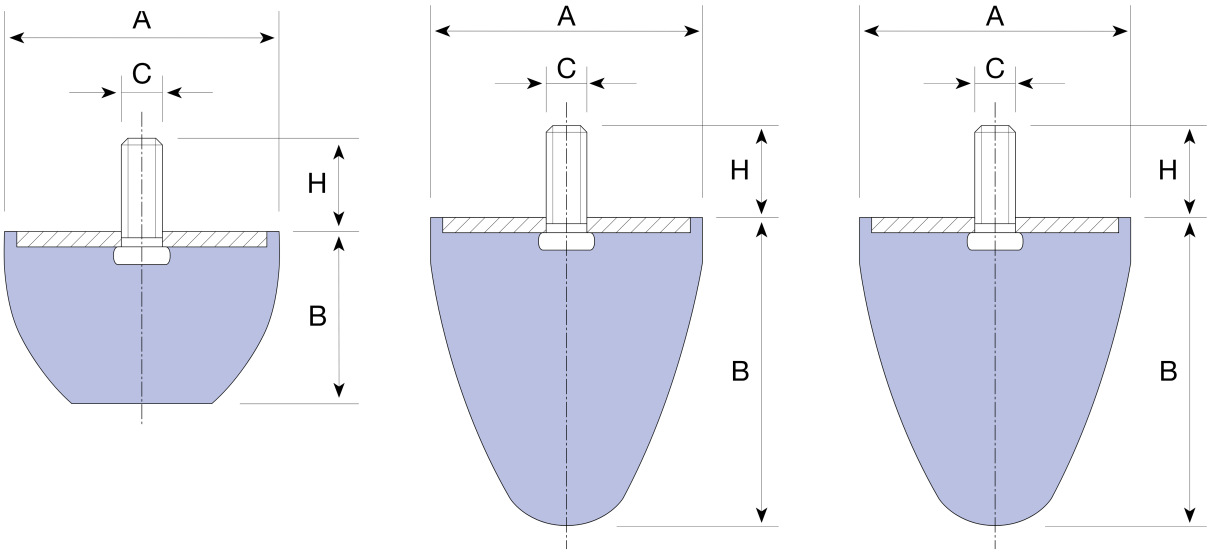
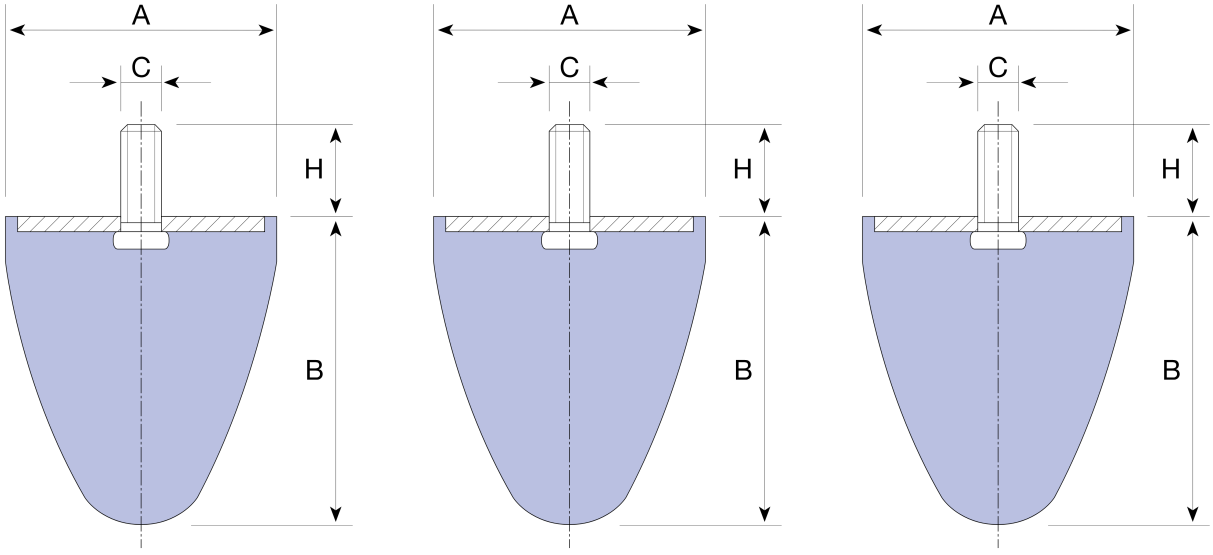
Drawings

T-20 / T-25xM-6 / T-25xM-8



Type	Code	Max. Load(lbs)	A(in)	B(in)	C(in)	H(in)	J(in)	Weight(lbs)	Energy(Nm)	Dynamic Deflection (in)
T-20	115021	165	0.94	0.63	M6	0.98	-	0.04	2	0.28
T-25xM-6	115024	220	0.98	0.75	M-6	0.47	-	0.03	3	0.31
T-25xM-8	115001	220	0.98	0.75	M-8	0.79	-	0.05	3	0.31

T-30xM-6 / T-30xM-8 / T-40



Type	Code	Max. Load(lbs)	A(in)	B(in)	C(in)	H(in)	J(in)	Weight(lbs)	Energy(Nm)	Dynamic Deflection (in)
T-30xM-6	115002	309	1.18	1.18	M-6	0.63	-	0.06	6	0.59
T-30xM-8	113061	309	1.18	1.18	M-8	0.79	-	0.07	6	0.59
T-40	113025	397	1.38	1.57	M-10	0.98	-	0.1	20	0.79

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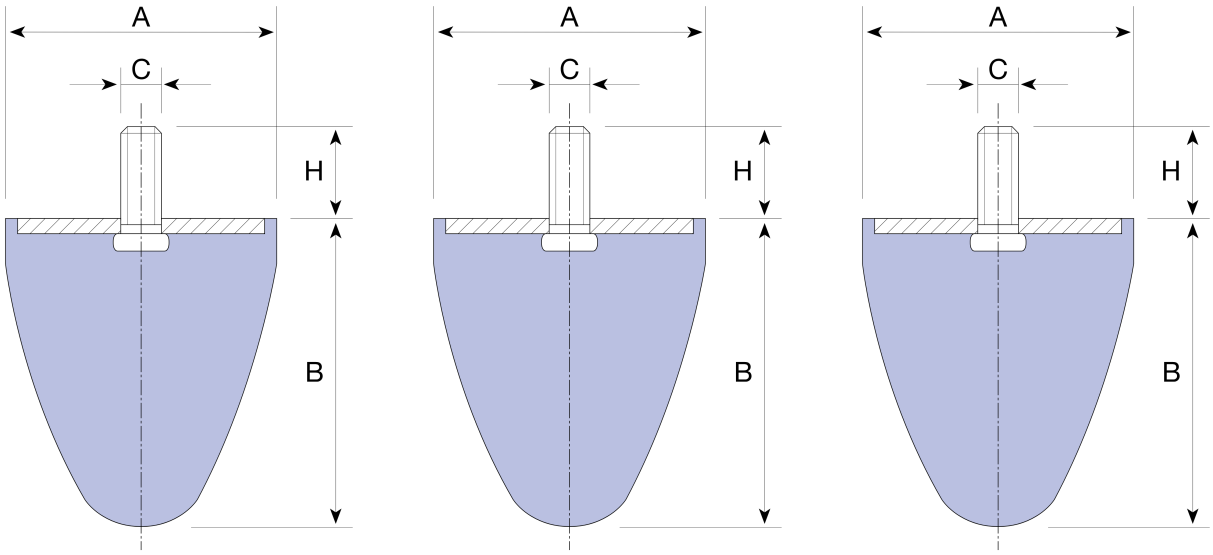
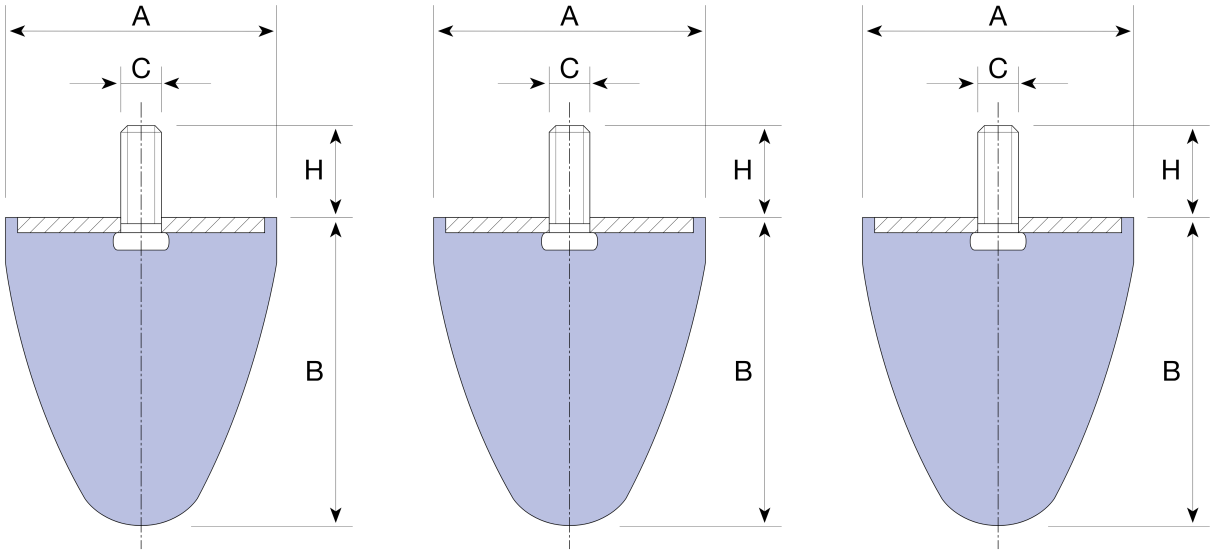
T-50x50 M8 / T-50x50 M10 / T-50x58



Type	Code	Max. Load(lbs)	A(in)	B(in)	C(in)	H(in)	J(in)	Weight(lbs)	Energy(Nm)	Dynamic Deflection (in)
T-50x50 M8	115003	749	1.97	1.97	M-8	0.79	-	0.24	30	0.98
T-50x50 M10	115016	749	1.97	1.97	M-10	0.98	-	0.27	30	0.98
T-50x58	115005	882	1.97	2.28	M-8	0.79	-	0.26	37	1.1

T-50x64 / T-70 / T-95



Type	Code	Max. Load(lbs)	A(in)	B(in)	C(in)	H(in)	J(in)	Weight(lbs)	Energy(Nm)	Dynamic Deflection (in)
T-50x64	115004	815	1.97	2.52	M-8	1.38	-	0.32	40	1.26
	115019	815	1.97	2.52	M-10	0.98	-	0.34	40	1.26
T-70	115006	1212	2.83	2.28	M-12	1.18	-	1	50	1.02
T-95	115007	2424	3.7	3.15	M-16	1.77	-	1	120	1.46

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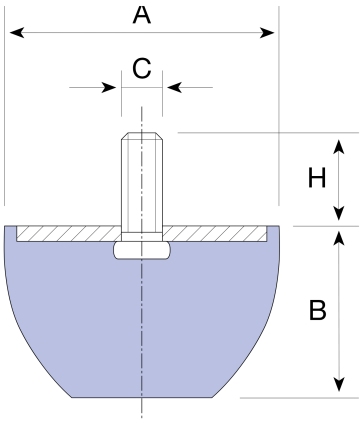
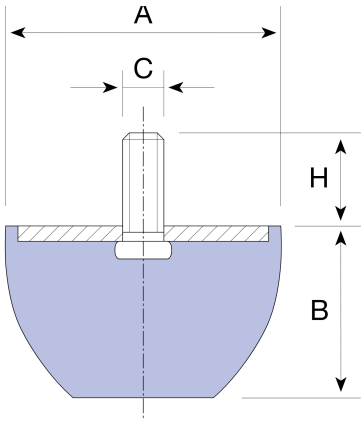
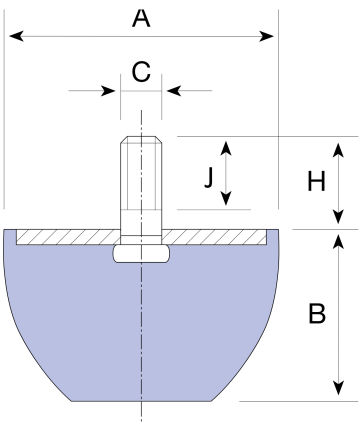
T - 85 / T -120 / T - 220







Type	Code	Max. Load(lbs)	A(in)	B(in)	C(in)	H(in)	J(in)	Weight(lbs)	Energy(Nm)	Dynamic Deflection (in)
T - 85	116001	3306	3.31	2.05	M-12	1.18	-	1	200	0.79
T -120	116002	6612	4.72	2.95	M-16	1.77	-	2	340	0.87
T - 220	116003	33060	8.66	5.39	M-24	3.43	2.24	17	2500	1.57

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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 in high damped compounds is performed with reduced rebound movement and with slightly higher transfer levels of stress to the structure .

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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