Type D Buffers

Cylindrical rubber buffers designed to absorb shocks, limit travel and reduce noise in machinery and mobile equipment.



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

Unlike rigid stops, which can generate **high forces, noise and severe impacts** at the end of travel, rubber buffers progressively absorb impact energy through the **deformation of the elastomer**.

Their flat contact surface provides a **progressive response to impact**, reducing the forces transmitted to the structure as well as the noise generated by repeated impacts.

With their **simple, compact and economical design**, Type D Buffers are particularly suitable for **industrial machinery, mobile equipment, vehicles and mechanisms with moving parts** requiring travel limitation or shock absorption.

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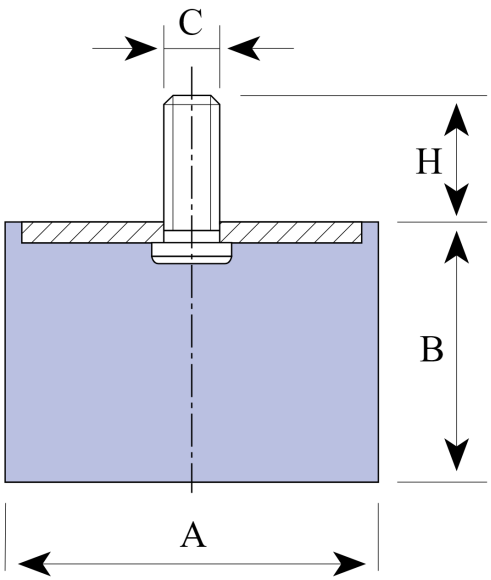
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Drawings

SIMPLE BUFFERS
TYPE D 12-25

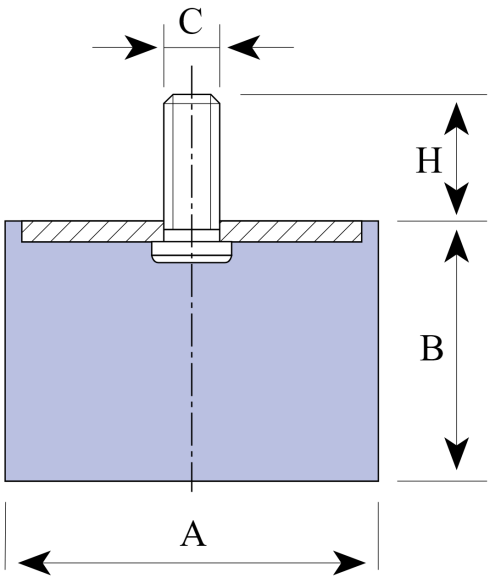


Type	Code	A(mm)	B(mm)	C(mm)	H(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)
SIMPLE BUFFERS TYPE D 12-25	110001	12,5	10	M-5	10	0.004	12	2
	110002	12,5	15	M-5	10	0.004	10	3
	110003	12,5	20	M-5	10	0.005	8	3,5
	110004	16	10	M-5	12	0.006	20	2
	110005	16	15	M-5	12	0.007	20	3
	110006	16	20	M-5	12	0.008	15	3,5
	110007	16	25	M-5	12	0.009	15	4
	110008	20	8,5	M-6	16,5	0.008	40	1,5
	110009	20	15	M-6	16,5	0.012	35	4
	110010	20	20	M-6	16,5	0.013	30	5
	110011	20	25	M-6	16,5	0.015	30	5,5
	110012	20	30	M-6	16,5	0.017	25	7
	110091	25,5	10	M-6	18	0.015	80	2
	110092	25,5	15	M-6	18	0.017	60	3,5
	110093	25,5	20	M-6	18	0.022	55	4,5
	110094	25,5	25	M-6	18	0.025	50	6
	110095	25,5	30	M-6	18	0.028	50	8
	110013	25,5	10	M-8	20	0.021	80	2
	110014	25,5	15	M-8	20	0.023	60	3,5
	110015	25,5	19	M-8	20	0.025	55	4,5
	110016	25,5	22	M-8	20	0.026	50	5,5
	110017	25,5	25	M-8	20	0.03	50	6
	110018	25,5	30	M-8	20	0.033	50	8
	110019	25,5	40	M-8	20	0.039	50	9

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SIMPLE BUFFERS
TYPE D 30-50

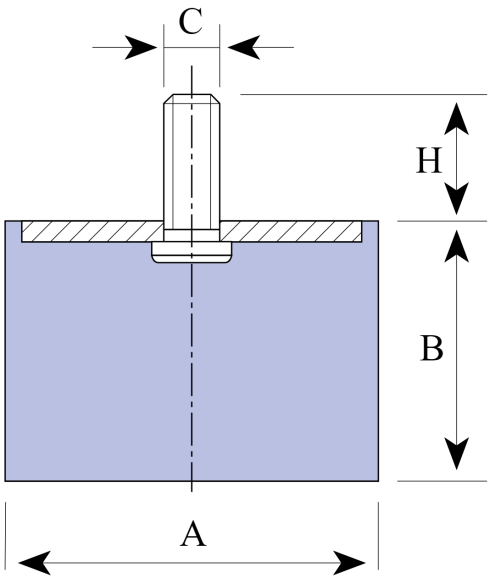


Type	Code	A(mm)	B(mm)	C(mm)	H(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)
SIMPLE BUFFERS TYPE D 30-50	110020	30	15	M-8	20	0.03	90	3
	110021	30	22	M-8	20	0.036	80	5
	110101	30	25	M-8	20	0.038	75	6,5
	110022	30	30	M-8	20	0.043	70	8,5
	110023	30	40	M-8	20	0.051	60	9
	110112	40	20	M-8	20	0.057	160	5
	110113	40	25	M-8	20	0.064	150	6
	110114	40	28	M-8	20	0.07	150	7
	110115	40	30	M-8	20	0.07	150	7,5
	110116	40	35	M-8	20	0.08	120	8
	110117	40	40	M-8	20	0.085	120	10
	110118	40	45	M-8	20	0.095	120	11
	110024	40	20	M-10	25	0.064	160	5
	110110	40	25	M-10	25	0.069	150	6
	110025	40	28	M-10	25	0.075	150	7
	110111	40	30	M-10	25	0.076	150	7,5
	110026	40	35	M-10	25	0.087	120	8
	110027	40	40	M-10	25	0.092	120	10
	110028	40	45	M-10	25	0.1	120	11
	110121	50	20	M-10	25	0.09	300	5
	110029	50	25	M-10	25	0.1	300	6
	110122	50	30	M-10	25	0.111	275	7
	110030	50	35	M-10	25	0.122	250	8
	110123	50	40	M-10	25	0.13	210	9
	110031	50	45	M-10	25	0.149	190	10
	110124	50	50	M-10	25	0.158	170	10,5
	110032	50	60	M-10	25	0.185	150	11

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SIMPLE BUFFERS
TYPE D 60-95

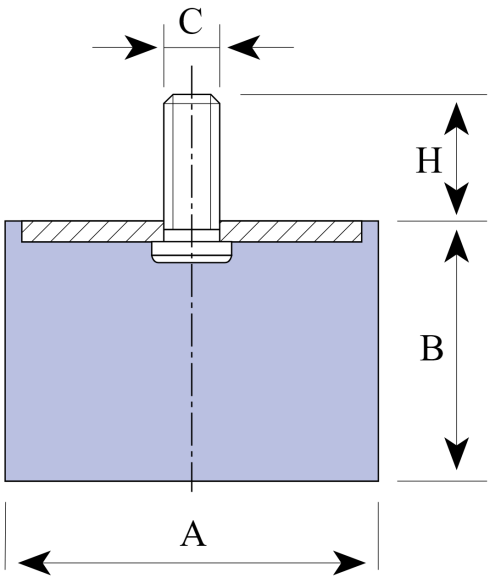


Type	Code	A(mm)	B(mm)	C(mm)	H(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)
SIMPLE BUFFERS TYPE D 60-95	110033	60	25	M-10	25	0.148	400	6
	110034	60	36	M-10	25	0.18	300	9
	110035	60	45	M-10	25	0.21	250	11
	110036	60	60	M-10	25	0.25	200	12
	110037	70	35	M-10	25	0.236	450	8
	110038	70	50	M-10	25	0.294	350	9,5
	110039	70	60	M-10	25	0.335	300	10,5
	110040	70	70	M-10	25	0.407	300	11
	110041	75	25	M-12	30	0.223	650	5
	110042	75	40	M-12	30	0.305	500	8,5
	110043	75	45	M-12	30	0.323	500	9
	110044	75	55	M-12	30	0.373	450	11
	110045	80	30	M-14	35	0.341	950	8,5
	110046	80	40	M-14	35	0.402	600	9
	110047	80	50	M-14	35	0.443	550	10
	110048	80	55	M-14	35	0.47	550	11
	110049	80	70	M-14	35	0.555	500	12
	110050	80	75	M-14	35	0.6	450	13
	110051	95	40	M-16	45	0.551	1200	12
	110052	95	55	M-16	45	0.7	1000	13
	110053	95	60	M-16	45	0.75	800	14
	110054	95	75	M-16	45	0.86	700	15

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SIMPLE BUFFERS
TYPE D 105-150



Type	Code	A(mm)	B(mm)	C(mm)	H(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)
SIMPLE BUFFERS TYPE D 105-150	110055	105	50	M-16	45	0.758	1200	9
	110056	105	75	M-16	45	1	1000	11
	110057	105	100	M-16	45	1.28	800	13
	110058	120	50	M-16	45	0.915	1500	9
	110059	120	75	M-16	45	1.25	1200	11
	110060	120	100	M-16	45	1.57	1000	14
	110062	130	50	M-16	45	1.257	1600	6
	110063	130	75	M-16	45	1.647	1450	10
	110064	130	100	M-16	45	2.035	1200	12
	110065	150	50	M-20	50	1.678	1800	5
	110066	150	75	M-20	50	2.825	1650	9
	110067	150	100	M-20	50	2.774	1400	10

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Technical characteristics

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

Advantages

Easy Installation

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

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