Type E Buffers

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

The **AMC-MECANOCAUCHO® Type E Buffers** are elastic rubber elements with a **female fixing**, 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.

The **integrated female fixing** provides a simple and compact installation. Type E 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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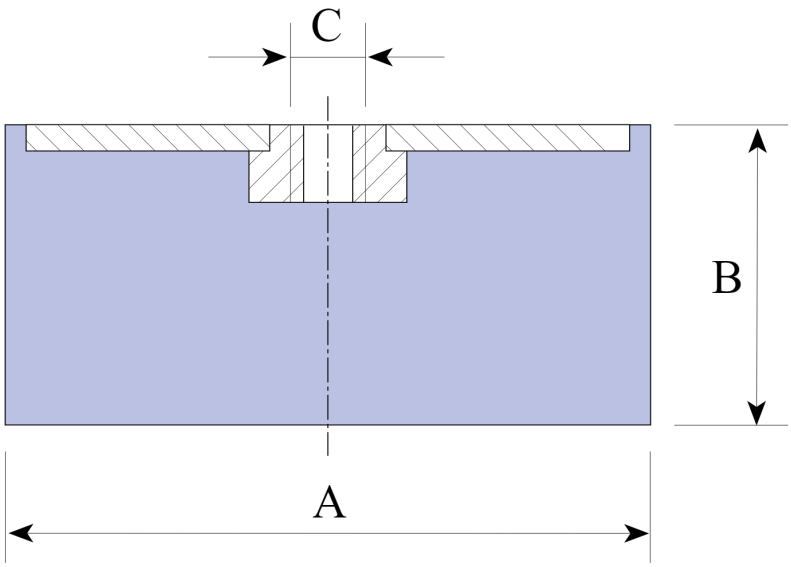
Drawings

SIMPLE BUFFERS
TYPE E 12-25



Type	Code	A(mm)	B(mm)	C(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)
SIMPLE BUFFERS TYPE E 12-25	111001	12,5	10	M-5	0.004	12	2
	111002	12,5	15	M-5	0.004	10	3
	111003	12,5	20	M-5	0.004	8	3,5
	111004	16	10	M-5	0.005	20	2
	111005	16	15	M-5	0.006	20	3
	111006	16	20	M-5	0.007	15	3,5
	111007	16	25	M-5	0.008	15	4
	111008	20	8,5	M-6	0.008	40	1,5
	111009	20	15	M-6	0.008	35	4
	111010	20	20	M-6	0.012	30	5
	111011	20	25	M-6	0.012	30	5,5
	111012	20	30	M-6	0.016	25	7
	111091	25,5	10	M-6	0.015	80	2
	111092	25,5	15	M-6	0.016	60	3,5
	111093	25,5	20	M-6	0.018	55	4,5
	111094	25,5	25	M-6	0.022	50	6
	111095	25,5	30	M-6	0.026	50	8
	111013	25,5	10	M-8	0.017	80	2
	111014	25,5	15	M-8	0.023	60	3,5
	111015	25,5	19	M-8	0.021	55	4,5
	111016	25,5	22	M-8	0.026	50	5,5
	111017	25,5	25	M-8	0.028	50	6
	111018	25,5	30	M-8	0.029	50	8
	111019	25,5	40	M-8	0.036	50	9

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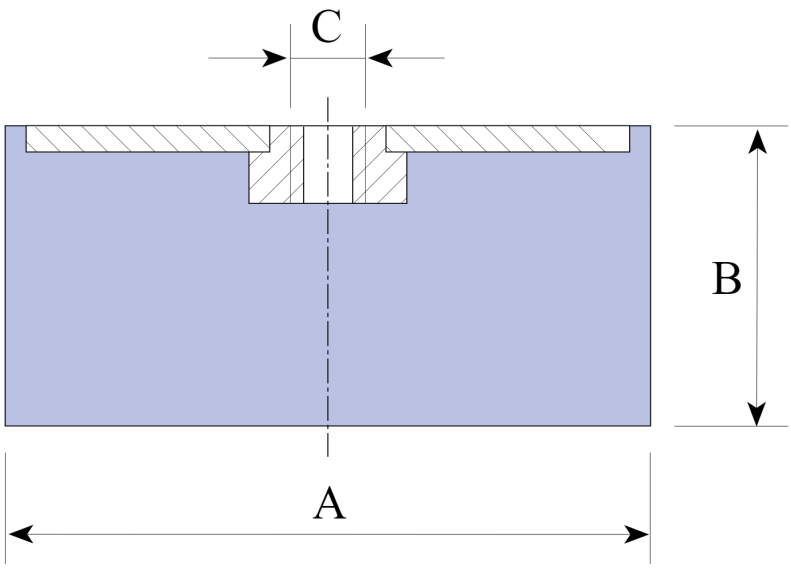
SIMPLE BUFFERS
TYPE E 30-50



Type	Code	A(mm)	B(mm)	C(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)
SIMPLE BUFFERS TYPE E 30-50	111020	30	15	M-8	0.033	90	3
	111021	30	22	M-8	0.038	80	5
	111101	30	25	M-8	0.034	75	6,5
	111022	30	30	M-8	0.038	70	8,5
	111023	30	40	M-8	0.054	60	9
	111112	40	20	M-8	0.054	160	5
	111113	40	25	M-8	0.056	150	6
	111114	40	28	M-8	0.061	150	7
	111115	40	30	M-8	0.063	150	7,5
	111116	40	35	M-8	0.071	120	8
	111117	40	40	M-8	0.081	120	10
	111118	40	45	M-8	0.085	120	11
	111024	40	20	M-10	0.058	160	5
	111110	40	25	M-10	0.063	150	6
	111025	40	28	M-10	0.065	150	7
	111111	40	30	M-10	0.069	150	7,5
	111026	40	35	M-10	0.075	120	8
	111027	40	40	M-10	0.086	120	10
	111028	40	45	M-10	0.089	120	11
	111121	50	20	M-10	0.088	300	5
	111029	50	25	M-10	0.1	300	6
	111122	50	30	M-10	0.101	275	7
	111030	50	35	M-10	0.111	250	8
	111123	50	40	M-10	0.124	210	9
	111031	50	45	M-10	0.146	190	10
	111124	50	50	M-10	0.151	170	10,5
	111032	50	60	M-10	0.166	150	11

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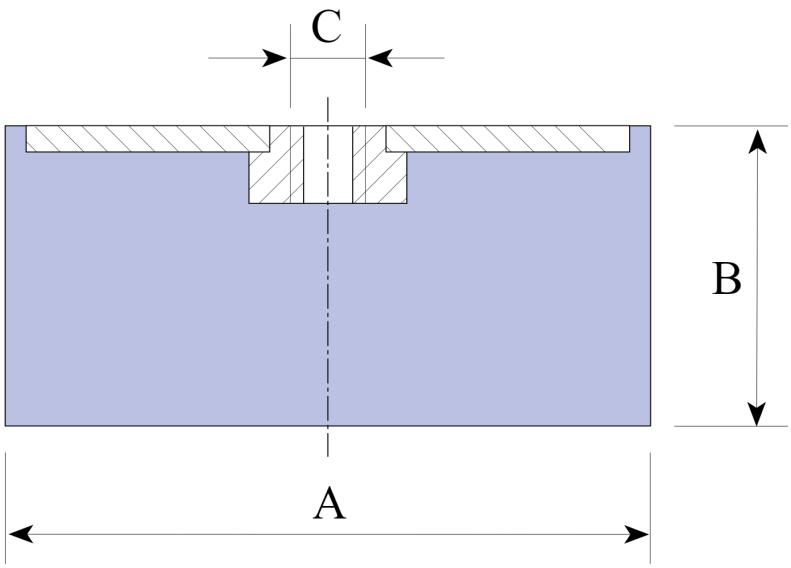
SIMPLE BUFFERS
TYPE E 60-95



Type	Code	A(mm)	B(mm)	C(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)
SIMPLE BUFFERS TYPE E 60-95	111033	60	25	M-10	0.138	400	6
	111034	60	36	M-10	0.171	300	9
	111035	60	45	M-10	0.197	250	11
	111036	60	60	M-10	0.246	200	12
	111037	70	35	M-10	0.225	450	8
	111038	70	50	M-10	0.291	350	9,5
	111039	70	60	M-10	0.327	300	10,5
	111040	70	70	M-10	0.396	300	11
	111041	75	25	M-12	0.209	650	5
	111042	75	40	M-12	0.277	500	8,5
	111043	75	45	M-12	0.3	500	9
	111044	75	55	M-12	0.365	450	11
	111045	80	30	M-14	0.279	950	8,5
	111046	80	40	M-14	0.335	600	9
	111047	80	50	M-14	0.382	550	10
	111048	80	55	M-14	0.415	550	11
	111049	80	70	M-14	0.488	500	12
	111050	80	75	M-14	0.5	450	13
	111051	95	40	M-16	0.521	1200	12
	111052	95	55	M-16	0.642	1000	13
	111053	95	60	M-16	0.691	800	14
	111054	95	75	M-16	0.84	700	15

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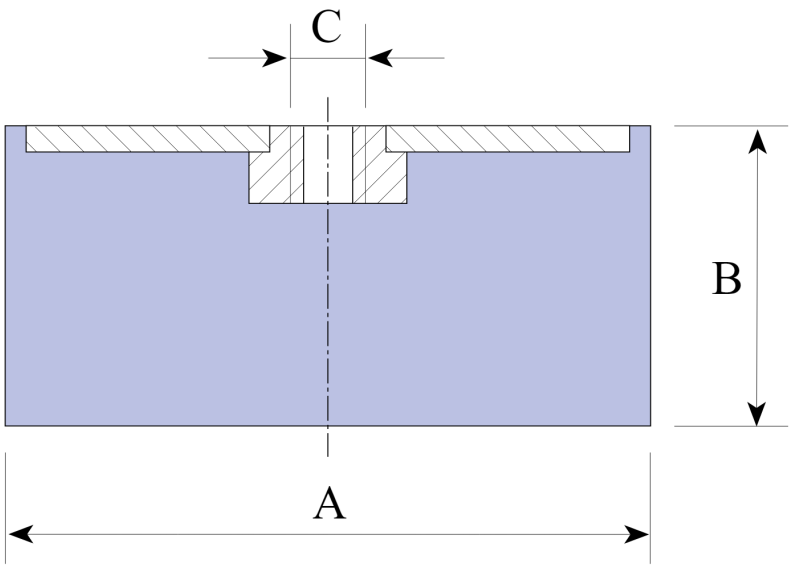
SIMPLE BUFFERS
TYPE E 105-150



Type	Code	A(mm)	B(mm)	C(mm)	Weight(kg)	COMPRESSIONMax. Load (daN)	COMPRESSION Deflection (mm)
SIMPLE BUFFERS TYPE E 105-150	111055	105	50	M-16	0.7	1200	9
	111056	105	75	M-16	0.94	1000	11
	111057	105	100	M-16	1.194	800	13
	111058	120	50	M-16	0.85	1500	9
	111059	120	75	M-16	1.2	1200	11
	111060	120	100	M-16	1.47	1000	14
	111062	130	50	M-16	1.15	1600	6
	111063	130	75	M-16	1.53	1450	10
	111064	130	100	M-16	1.935	1200	12
	111065	150	50	M-20	2.09	1800	5
	111066	150	75	M-20	2.728	1650	9
	111067	150	100	M-20	3.23	1400	10

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Technical characteristics

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 and 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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