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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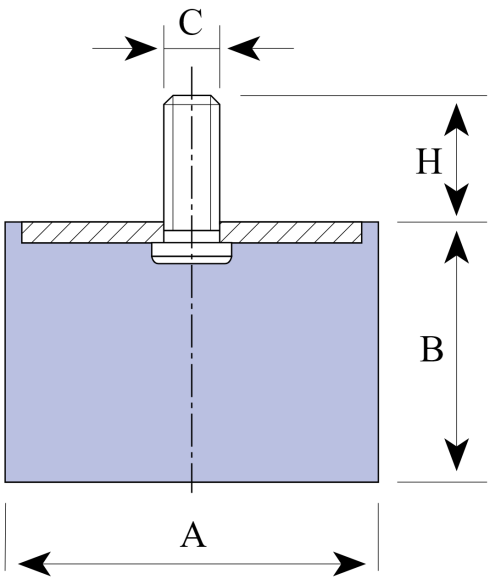
Drawings

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	0.008	12	2
	110002	12,5	15	M-5	10	0.004	10	3
	110003	12,5	20	M-5	10	0.006	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	0.039	25	7
	110091	25,5	10	M-6	18	0.016	80	2
	110092	25,5	15	M-6	18	0.018	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	0.02	80	2
	110014	25,5	15	M-8	20	0.022	60	3,5
	110015	25,5	19	M-8	20	0.055	55	4,5
	110016	25,5	22	M-8	20	0.026	50	5,5
	110017	25,5	25	M-8	20	0.028	50	6
	110018	25,5	30	M-8	20	0.032	50	8
	110019	25,5	40	M-8	20	0.039	50	9

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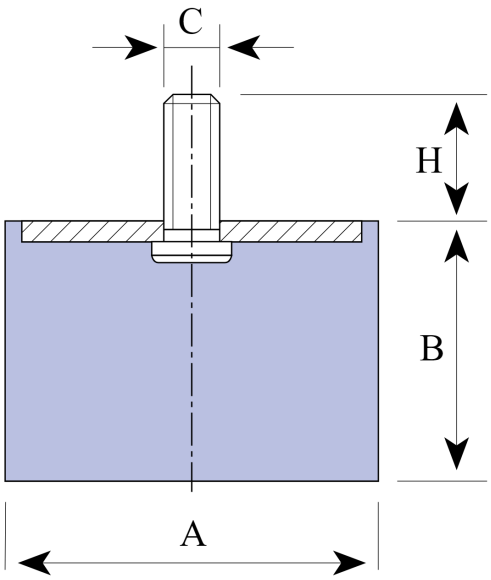
SIMPLE BUFFERS
TYPE D 30-50



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	0.113	60	9
	110112	40	20	M-8	20	0.056	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	0.065	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	0.112	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	0.184	150	11

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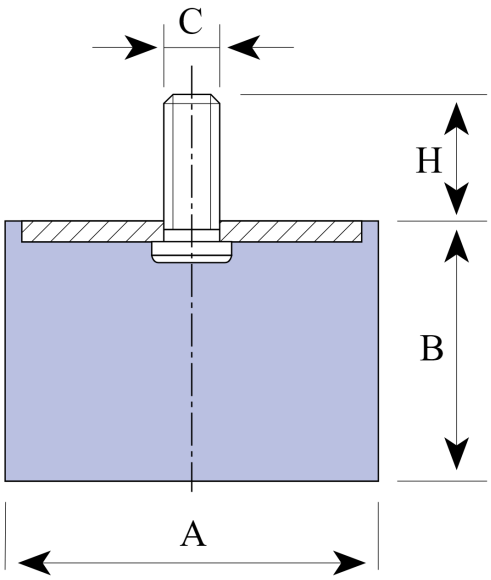
SIMPLE BUFFERS
TYPE D 60-95



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	0.206	250	11
	110036	60	60	M-10	25	0.248	200	12
	110037	70	35	M-10	25	0.234	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	0.221	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	0.755	950	8,5
	110046	80	40	M-14	35	0.41	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	0.85	700	15

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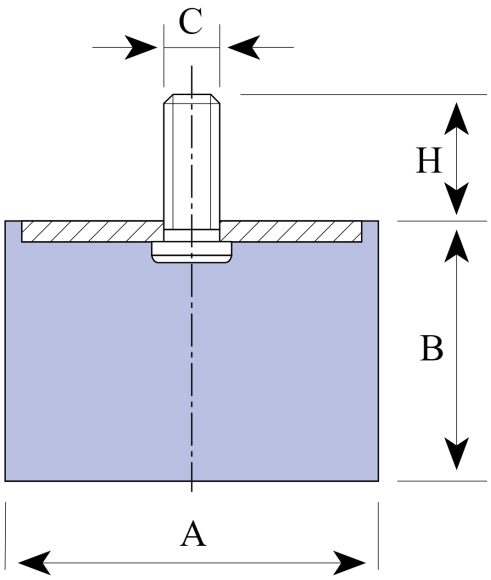
SIMPLE BUFFERS
TYPE D 105-150



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	0.748	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	0.91	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

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