

SIMPLE BUFFERS AMC MECANOCAUCHO TYPE D



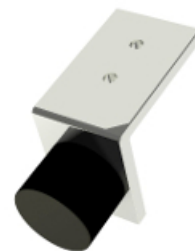
Rigid buffers used as end stops or to limit the stroke of moving parts give rise to high impact stresses to structures often causing visible deterioration. This is normally accompanied by unacceptably high noise levels to the human ear, particularly when these impacts are repeated periodically. Rubber buffers eliminate these drawbacks considerably, as they dampen noise and absorb energy. The simple buffer is a flat surface and therefore responds immediately to impact, without over-extending the stroke of the moving part. The progressive buffer has a conical form and therefore makes contact on a progressive basis, increasing deflection with increasing load. This action provides gradual arrest of moving parts, absorbing considerable energy, prohibiting instant high impact stresses.

TECHNICAL CHARACTERISTICS

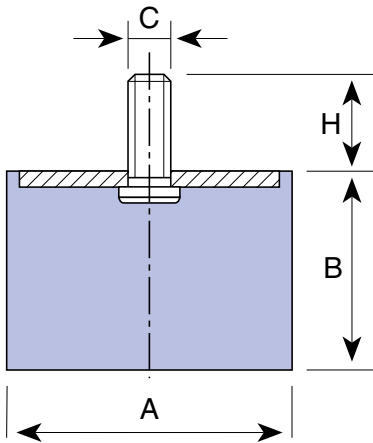
p>These buffers are made with a rubber compound permitting major deformations under impact with notable absorptions of energy. They can be made with high-damping rubber to order, however, absorption of energy in high damped compound buffers is performed with reduced rebound movement but with slightly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

APPLICATIONS

As buffers: In limiting impact stress. • End of stroke of spring or damper. • End of stroke of cranes and hoists. • Supporting fragile material or machinery in packaging applications



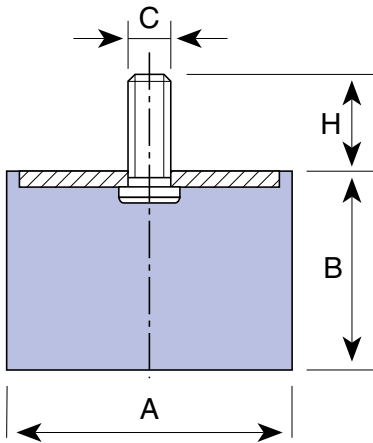
DRAWINGS



DIMENSIONS

Type	A (mm)	B (mm)	C (mm)	H (mm)	Weight (kg)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm	Code
SIMPLE BUFFERS AMC 12-25	12,5	10	M-5	10	0,004	12	2	110001
	12,5	15	M-5	10	0,004	10	3	110002
	12,5	20	M-5	10	0,005	8	3,5	110003
	16	10	M-5	12	0,006	20	1,5	110004
	16	15	M-5	12	0,008	20	3	110005
	16	20	M-5	12	0,008	15	4	110006
	16	25	M-5	12	0,009	15	5	110007
	20	8,5	M-6	16,5	0,009	40	1,5	110008
	20	15	M-6	16,5	0,012	35	4	110009
	20	20	M-6	16,5	0,012	30	5	110010
	20	25	M-6	16,5	0,015	30	5,5	110011
	20	30	M-6	16,5	0,017	25	7	110012
	25,5	10	M-6	18	0,02	80	2	110091
	25,5	15	M-6	18	0,021	60	3,5	110092
	25,5	20	M-6	18	0,022	55	4,5	110093
	25,5	25	M-6	18	0,025	50	6	110094
	25,5	30	M-6	18	0,028	50	8	110095
	25,5	10	M-8	20	0,022	80	2	110013
	25,5	15	M-8	20	0,024	60	3,5	110014
	25,5	19	M-8	20	0,025	55	4,5	110015
25,5	22	M-8	20	0,027	50	5,5	110016	
25,5	25	M-8	20	0,028	50	6	110017	
25,5	30	M-8	20	0,032	50	8	110018	
25,5	40	M-8	20	0,036	50	10	110019	

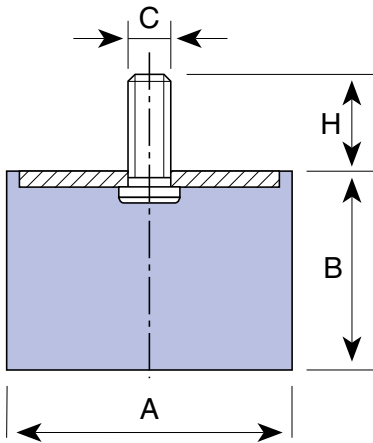
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DIMENSIONS

Type	A (mm)	B (mm)	C (mm)	H (mm)	Weight (kg)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm	Code
SIMPLE BUFFERS AMC 30-50	30	15	M-8	20	0,03	90	3	110020
	30	22	M-8	20	0,034	80	5	110021
	30	25	M-8	20	0,037	75	6,5	110101
	30	30	M-8	20	0,041	70	8	110022
	30	40	M-8	20	0,05	60	9	110023
	40	20	M-8	20	0,06	160	5	110112
	40	25	M-8	20	0,068	150	6	110113
	40	28	M-8	20	0,072	150	6	110114
	40	30	M-8	20	0,08	150	6	110115
	40	35	M-8	20	0,082	120	8	110116
	40	40	M-8	20	0,087	120	10	110117
	40	45	M-8	20	0,089	120	11	110118
	40	20	M-10	25	0,064	160	5	110024
	40	25	M-10	25	0,07	150	6	110110
	40	28	M-10	25	0,076	150	6	110025
	40	30	M-10	25	0,07	150	6	110111
	40	35	M-10	25	0,086	120	8	110026
	40	40	M-10	25	0,092	120	10	110027
	40	45	M-10	25	0,094	120	11	110028
	50	20	M-10	25	0,09	300	5	110121
	50	25	M-10	25	0,093	300	6	110029
	50	30	M-10	25	0,104	275	7	110122
	50	35	M-10	25	0,114	250	8	110030
	50	40	M-10	25	0,125	210	10	110123
	50	45	M-10	25	0,138	190	11	110031
	50	50	M-10	25	0,144	170	11	110124
	50	60	M-10	25	0,17	150	11	110032

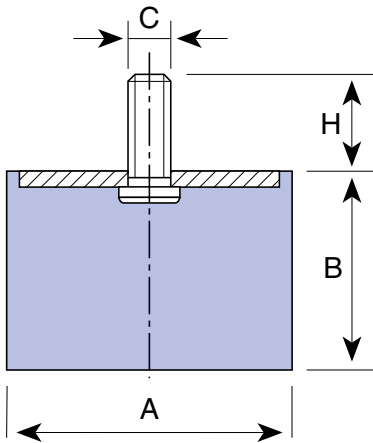
DRAWINGS



DIMENSIONS

Type	A (mm)	B (mm)	C (mm)	H (mm)	Weight (kg)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm	Code
SIMPLE BUFFERS AMC 60-95	60	25	M-10	25	0,145	400	6	110033
	60	36	M-10	25	0,177	300	9	110034
	60	45	M-10	25	0,206	250	11	110035
	60	60	M-10	25	0,251	200	12	110036
	70	35	M-10	25	0,236	450	8	110037
	70	50	M-10	25	0,294	350	11	110038
	70	60	M-10	25	0,336	300	12	110039
	70	70	M-10	25	0,397	300	14	110040
	75	25	M-12	30	0,222	650	7	110041
	75	40	M-12	30	0,302	500	9	110042
	75	45	M-12	30	0,323	500	10	110043
	75	55	M-12	30	0,373	450	11	110044
	80	30	M-14	35	0,341	950	7	110045
	80	40	M-14	35	0,395	600	9	110046
	80	50	M-14	35	0,415	550	10	110047
	80	55	M-14	35	0,458	550	11	110048
	80	70	M-14	35	0,547	500	13	110049
	80	75	M-14	35	0,579	450	14	110050
	95	40	M-16	45	0,568	1200	8	110051
	95	55	M-16	45	0,689	1000	11	110052
95	60	M-16	45	0,743	800	12	110053	
95	75	M-16	45	0,892	700	13	110054	

DRAWINGS



DIMENSIONS

Type	A (mm)	B (mm)	C (mm)	H (mm)	Weight (kg)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm	Code
SIMPLE BUFFERS AMC 105-150	105	50	M-16	45	0,754	1200	9	110055
	105	75	M-16	45	1,262	1000	13	110056
	105	100	M-16	45	1,514	800	16	110057
	120	50	M-16	45	0,917	1500	9	110058
	120	75	M-16	45	1,252	1200	13	110059
	120	100	M-16	45	1,579	1000	16	110060
	130	50	M-16	45	1,257	1600	9	110062
	130	75	M-16	45	1,647	1450	13	110063
	130	100	M-16	45	2,035	1200	16	110064
	150	50	M-20	50	1,678	1800	9	110065
	150	75	M-20	50	2,202	1650	13	110066
	150	100	M-20	50	2,774	1400	16	110067

OPERATION AND ASSEMBLY



These buffers can be used in two ways: As actual buffers - impact taking place at the end of a stroke, taking into account the maximum deflection the stop has to give. As flexible mounts where the buffers may be screwed to the base of the machine so that its flat surface rests directly on the floor or ground.

ADVANTAGES



- Easy to install .
- High efficiency when used as mount or buffer.
- Flexibility in moving machines which are not secured to the floor or ground, or of moving the buffers to different points where ends of stroke may be made.