

Rubber buffers

Rubber and steel or stainless steel



1

STANDARD EXECUTIONS

- **DVC.2:** bushing with threaded blind hole, threaded stud and base plate in polished zinc-plated steel, vibration-damper body in natural rubber NR, black colour, hardness 40, 55, 70 Shore A ± 5 .
- **DVC.2-SST:** bushing with threaded blind hole, threaded stud and base plate in AISI 304 stainless steel, vibration-damper body in natural rubber NR, black colour, hardness 55 Shore A ± 5 .



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FEATURES AND APPLICATIONS

The rubber buffers have been designed to damp vibrations, shocks and noises produced by moving bodies or non-balanced vibrating masses of equipment and machines.

Unlike DVA rubber buffers, under pressure these articles allow more lateral movement without leaving the vertical plane of the metal insert.

Vibrations can cause:

- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- damage to operator's health;
- noise.

Load diagrams for each single code are available on request.

See Technical data and guidelines for the choice(on page).



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SPECIAL EXECUTIONS ON REQUEST

Natural rubber NR, hardness 40, 70 Shore A ± 5 , for executions with AISI 304 stainless steel base.



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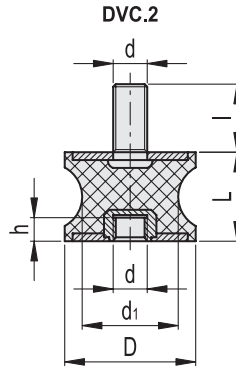
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Conversion Table							
1 mm = 0.039 inch							
D				L			
mm	inch	mm	inch	mm	inch	mm	inch
10	0.39	50	1.97	8	0.31	33.5	1.32
15	0.59	55	2.17	10	0.39	34	1.34
20	0.79	57	2.24	15	0.59	45	1.77
21	0.83	60	2.36	19	0.75	48	1.89
25	0.98	70	2.75	20	0.79	50	1.97
30	1.18	72	2.83	22	0.87	53	2.09
35	1.38	75	2.95	25	0.98	60	2.36
40	1.57	95	3.74	30	1.18	75	2.95



DVC.2 - 10 - 8 - 10 - M4 - 10 - 55
 D d1 L d l Shore A

METRIC

Description	D	L	d	d1	l	h	Δ	Hardness 40 Shore A			Hardness 55 Shore A			Hardness 70 Shore A					
								Code	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]
DVC.2-10-8-10-M4-10-*	10	10	M4	8	10	4	3	433901	47	2.5	19	433751	88	2.5	35	434051	124	2.5	50
DVC.2-15-8,5-15-M4-10-*	15	15	M4	8,5	10	4	5	433911	81	3.75	22	433761	132	3.75	35	434061	180	3.75	48
DVC.2-15-12-15-M4-10-*	15	15	M4	12	10	4	6	433916	132	3.75	35	433766	142	3.75	38	434066	191	3.75	51
DVC.2-20-14-15-M6-18-*	20	15	M6	14	18	6	14	433923	278	3.75	74	433773	360	3.75	96	434073	429	3.75	114
DVC.2-20-14-19-M6-18-*	20	19	M6	14	18	6	16	433925	255	4.75	54	433775	314	4.75	66	434075	398	4.75	84
DVC.2-20-14-20-M6-18-*	20	20	M6	14	18	6	17	433927	252	5	50	433777	305	5	61	434077	396	5	79
DVC.2-21-16-22-M6-18-*	21	22	M6	16	18	6	18	433931	260	5.5	47	433781	340	5.5	62	434081	399	5.5	73
DVC.2-20-12-30-M6-18-*	20	30	M6	12	18	6	22	433921	174	7.5	23	433771	267	7.5	36	434071	299	7.5	40
DVC.2-20-14-30-M6-18-*	20	30	M6	14	18	6	25	433929	173	7.5	23	433779	255	7.5	34	434079	380	7.5	51
DVC.2-25-18-20-M6-18-*	25	20	M6	18	18	6	36	433941	593	5	119	433791	631	5	126	434091	1038	5	208
DVC.2-25-20-20-M6-18-*	25	20	M6	20	18	6	39	433946	695	5	139	433796	1119	5	224	434096	1713	5	343
DVC.2-30-22-20-M8-20-*	30	20	M8	22	20	8	44	433956	655	5	131	433806	863	5	173	434106	1272	5	254
DVC.2-30-18-25-M8-20-*	30	25	M8	18	20	8	49	433951	572	6.25	92	433801	881	6.25	141	434101	1762	6.25	282
DVC.2-35-31-15-M8-20-*	35	15	M8	31	20	8	46	433966	785	3.75	209	433816	1310	3.75	349	434116	2453	3.75	654
DVC.2-35-25-34-M8-20-*	35	34	M8	25	20	8	60	433961	1355	8.5	159	433811	1975	8.5	232	434111	3050	8.5	359
DVC.2-40-30-25-M8-23-*	40	25	M8	30	23	8	73	433975	2392	6.25	383	433825	3188	6.25	510	434125	4432	6.25	709
DVC.2-40-20-30-M8-23-*	40	30	M8	25	23	8	76	433973	1229	7.5	164	433823	2127	7.5	284	434123	2947	7.5	393
DVC.2-40-33-30-M8-23-*	40	30	M8	33	23	8	80	433979	861	7.5	115	433829	1178	7.5	157	434129	2191	7.5	292
DVC.2-40-20-48-M8-23-*	40	48	M8	20	23	8	86	433971	657	12	55	433821	931	12	78	434121	1482	12	124
DVC.2-40-32-50-M8-23-*	40	50	M8	32	23	8	94	433977	684	12.5	55	433827	1043	12.5	83	434127	1733	12.5	139
DVC.2-50-42-30-M10-28-*	50	30	M10	42	28	10	112	433981	1420	7.5	189	433831	1975	7.5	263	434131	2945	7.5	393
DVC.2-55-44-45-M10-28-*	55	45	M10	44	28	10	162	433986	1012	11.25	90	433836	1320	11.25	117	434136	2013	11.25	179
DVC.2-57-25-45-M10-28-*	57	45	M10	25	28	10	155	433991	1007	11.25	90	433841	1313	11.25	117	434141	1765	11.25	157
DVC.2-60-49-60-M10-28-*	60	60	M10	49	28	10	245	433996	1430	15	95	433846	2560	15	171	434146	4428	15	295
DVC.2-70-45-53-M12-37-*	70	53	M12	45	37	12	321	434001	1993	13.25	150	433851	2219	13.25	167	434151	2473	13.25	187
DVC.2-72-64-33,5-M12-37-*	72	33,5	M12	64	37	12	385	434006	3530	8.38	421	433856	3364	8.38	401	434156	7740	8.38	924
DVC.2-75-60-40-M12-37-*	75	40	M12	60	37	12	450	434011	2605	10	261	433861	3922	10	392	434161	7005	10	701
DVC.2-95-80-75-M16-41-*	95	75	M16	80	41	16	740	434016	7438	18.75	397	433866	1036	18.75	55	434166	13990	18.75	746



Vibration damping elements

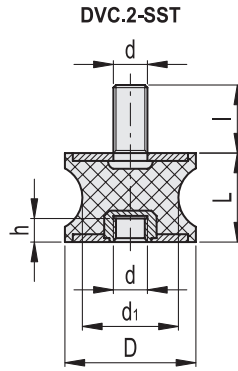
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Vibration damping elements

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Conversion Table					
1 mm = 0.039 inch					
D			L		
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10	0.39	50	1.97	8	0.31
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20	0.79	57	2.24	15	0.59
21	0.83	60	2.36	19	0.75
25	0.98	70	2.75	20	0.79
30	1.18	72	2.83	22	0.87
35	1.38	75	2.95	25	0.98
40	1.57	95	3.74	30	1.18



DVC.2 - 10 - 8 - 10 - SST - M4 - 10 - 55

D
d₁
L
Stainless steel
d
l
Shore A

INOX STAINLESS STEEL **METRIC**

Description	D	L	d	d ₁	l	h	Δ	Hardness 40 Shore A			Hardness 55 Shore A			Hardness 70 Shore A					
								Code	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]	Code	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]
DVC.2-10-8-10-SST-M4-10-55	10	10	M4	8	10	4	3		47	2.5	19	434201	88	2.5	35		124	2.5	50
DVC.2-15-8,5-15-SST-M4-10-55	15	15	M4	8,5	10	4	5		81	3.75	22	434211	132	3.75	35		180	3.75	48
DVC.2-15-12-15-SST-M4-10-55	15	15	M4	12	10	4	6		132	3.75	35	434216	142	3.75	38		191	3.75	51
DVC.2-20-14-15-SST-M6-18-55	20	15	M6	14	18	6	14		278	3.75	74	434223	360	3.75	96		429	3.75	114
DVC.2-20-14-19-SST-M6-18-55	20	19	M6	14	18	6	16		255	4.75	54	434225	314	4.75	66		398	4.75	84
DVC.2-20-14-20-SST-M6-18-55	20	20	M6	14	18	6	17		252	5	50	434227	305	5	61		396	5	79
DVC.2-21-16-22-SST-M8-18-55	21	22	M6	16	18	6	18		260	5.5	47	434231	340	5.5	62		399	5.5	73
DVC.2-20-12-30-SST-M6-18-55	20	30	M6	12	18	6	22		174	7.5	23	434221	267	7.5	36		299	7.5	40
DVC.2-20-14-30-SST-M6-18-55	20	30	M6	14	18	6	25		173	7.5	23	434229	255	7.5	34		380	7.5	51
DVC.2-25-18-20-SST-M6-18-55	25	20	M6	18	18	6	36		593	5	119	434241	631	5	126		1038	5	208
DVC.2-25-20-20-SST-M6-18-55	25	20	M6	20	18	6	39		695	5	139	434246	1119	5	224		1713	5	343
DVC.2-30-22-20-SST-M8-20-55	30	20	M8	22	20	8	44		655	5	131	434256	863	5	173		1272	5	254
DVC.2-30-18-25-SST-M8-20-55	30	25	M8	18	20	8	49		572	6.25	92	434251	881	6.25	141		1762	6.25	282
DVC.2-35-31-15-SST-M8-20-55	35	15	M8	31	20	8	46		785	3.75	209	434266	1310	3.75	349		2453	3.75	654
DVC.2-35-25-34-SST-M8-20-55	35	34	M8	25	20	8	60		1355	8.5	159	434261	1975	8.5	232		3050	8.5	359
DVC.2-40-30-25-SST-M8-23-55	40	25	M8	30	23	8	73		2392	6.25	383	434275	3188	6.25	510		4432	6.25	709
DVC.2-40-25-30-SST-M8-23-55	40	30	M8	25	23	8	76		1229	7.5	164	434273	2127	7.5	284		2947	7.5	393
DVC.2-40-33-30-SST-M8-23-55	40	30	M8	33	23	8	80		861	7.5	115	434279	1178	7.5	157		2191	7.5	292
DVC.2-40-20-48-SST-M8-23-55	40	48	M8	20	23	8	86		657	12	55	434271	931	12	78		1482	12	124
DVC.2-40-32-50-SST-M8-23-55	40	50	M8	32	23	8	94		684	12.5	55	434277	1043	12.5	83		1733	12.5	139
DVC.2-50-42-30-SST-M10-28-55	50	30	M10	42	28	10	112		1420	7.5	189	434281	1975	7.5	263		2945	7.5	393
DVC.2-55-44-45-SST-M10-28-55	55	45	M10	44	28	10	162		1012	11.25	90	434286	1320	11.25	117		2013	11.25	179
DVC.2-57-25-45-SST-M10-28-55	57	45	M10	25	28	10	155		1007	11.25	90	434291	1313	11.25	117		1765	11.25	157
DVC.2-60-49-60-SST-M10-28-55	60	60	M10	49	28	10	245		1430	15	95	434296	2560	15	171		4428	15	295
DVC.2-70-45-53-SST-M12-37-55	70	53	M12	45	37	12	321		1993	13.25	150	434301	2219	13.25	167		2473	13.25	187
DVC.2-72-64-33,5-SST-M12-37-55	72	33,5	M12	64	37	12	385		3530	8.38	421	434306	3364	8.38	401		7740	8.38	924
DVC.2-75-60-40-SST-M12-37-55	75	40	M12	60	37	12	450		2605	10	261	434311	3922	10	392		7005	10	701
DVC.2-95-80-75-SST-M16-41-55	95	75	M16	80	41	16	740		7438	18.75	397	434316	1036	18.75	55		13990	18.75	746