

**VIBRATION-DAMPING BODY**  
 Natural rubber NR, black colour.  
 Hardness 40, 55, 70 Shore A ±5.

**STANDARD EXECUTIONS**

- DVC.1: zinc-plated steel plates and threaded studs.
- DVC.1-SST: AISI 304 stainless steel plates and threaded studs.
- DVC.2: zinc-plated steel plates, threaded stud and boss, threaded blind hole.
- DVC.2-SST: AISI 304 stainless steel plates, threaded stud and boss, threaded blind hole.
- DVC.3: zinc-plated steel plates and bosses, threaded blind holes.
- DVC.3-SST: AISI 304 stainless steel plates and bosses, threaded blind holes.

**FEATURES AND APPLICATIONS**

DVC. vibration-damping elements have been designed to damp vibrations, shocks and noises produced by moving bodies or non-balanced vibrating masses of equipment and machines.

Unlike DVA vibration-damping elements, under pressure these articles allow more lateral movement without leaving the vertical plane of the metal insert.

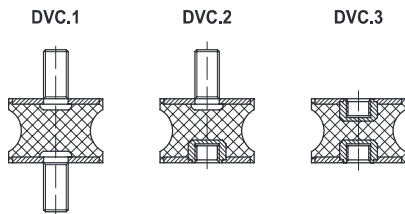
Vibrations can cause:

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

See Technical data and guidelines for the choice.

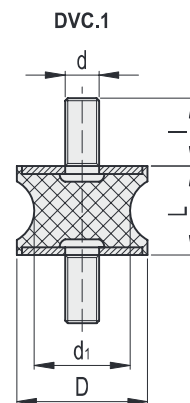
**SPECIAL EXECUTIONS ON REQUEST**

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



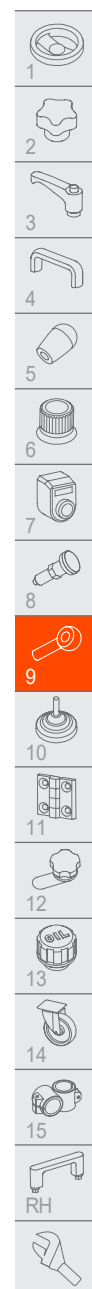
DVC.1

Code	Description	D	L	d	d1	l	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]
433201	DVC.1-10-4,5-8-M4-10-40	10	8	M4	4,5	10	43	2	22
433001	DVC.1-10-4,5-8-M4-10-55	10	8	M4	4,5	10	80	2	40
433401	DVC.1-10-4,5-8-M4-10-70	10	8	M4	4,5	10	105	2	53
433206	DVC.1-10-8-10-M4-10-40	10	10	M4	8	10	37	2.5	15
433006	DVC.1-10-8-10-M4-10-55	10	10	M4	8	10	69	2.5	28
433406	DVC.1-10-8-10-M4-10-70	10	10	M4	8	10	98	2.5	39
433211	DVC.1-15-8,5-15-M4-10-40	15	15	M4	8,5	10	113	3.75	30
433011	DVC.1-15-8,5-15-M4-10-55	15	15	M4	8,5	10	154	3.75	41
433411	DVC.1-15-8,5-15-M4-10-70	15	15	M4	8,5	10	207	3.75	55
433216	DVC.1-15-12-15-M4-10-40	15	15	M4	12	10	121	3.75	32
433016	DVC.1-15-12-15-M4-10-55	15	15	M4	12	10	163	3.75	43
433416	DVC.1-15-12-15-M4-10-70	15	15	M4	12	10	221	3.75	59
433231	DVC.1-20-14-15-M6-18-40	20	15	M6	14	18	211	3.75	56
433031	DVC.1-20-14-15-M6-18-55	20	15	M6	14	18	273	3.75	73
433431	DVC.1-20-14-15-M6-18-70	20	15	M6	14	18	325	3.75	87
433233	DVC.1-20-14-19-M6-18-40	20	19	M6	14	18	193	4.75	41
433033	DVC.1-20-14-19-M6-18-55	20	19	M6	14	18	238	4.75	50
433433	DVC.1-20-14-19-M6-18-70	20	19	M6	14	18	302	4.75	64
433235	DVC.1-20-14-20-M6-18-40	20	20	M6	14	18	191	5	38
433035	DVC.1-20-14-20-M6-18-55	20	20	M6	14	18	231	5	46
433435	DVC.1-20-14-20-M6-18-70	20	20	M6	14	18	300	5	60
433241	DVC.1-21-16-22-M6-18-40	21	22	M6	16	18	205	5.5	37
433041	DVC.1-21-16-22-M6-18-55	21	22	M6	16	18	268	5.5	49
433441	DVC.1-21-16-22-M6-18-70	21	22	M6	16	18	315	5.5	57
433221	DVC.1-20-12-30-M6-18-40	20	30	M6	12	18	126	7.5	17
433021	DVC.1-20-12-30-M6-18-55	20	30	M6	12	18	194	7.5	26
433421	DVC.1-20-12-30-M6-18-70	20	30	M6	12	18	217	7.5	29
433237	DVC.1-20-14-30-M6-18-40	20	30	M6	14	18	475	7.5	63
433037	DVC.1-20-14-30-M6-18-55	20	30	M6	14	18	202	7.5	27
433437	DVC.1-20-14-30-M6-18-70	20	30	M6	14	18	301	7.5	40
433251	DVC.1-25-18-20-M6-18-40	25	20	M6	18	18	539	5	108
433051	DVC.1-25-18-20-M6-18-55	25	20	M6	18	18	887	5	177
433451	DVC.1-25-18-20-M6-18-70	25	20	M6	18	18	1332	5	266
433256	DVC.1-25-20-20-M6-18-40	25	20	M6	20	18	560	5	112
433056	DVC.1-25-20-20-M6-18-55	25	20	M6	20	18	902	5	180
433456	DVC.1-25-20-20-M6-18-70	25	20	M6	20	18	1380	5	276
433266	DVC.1-30-22-20-M8-20-40	30	20	M8	22	20	738	5	148
433066	DVC.1-30-22-20-M8-20-55	30	20	M8	22	20	1087	5	217
433466	DVC.1-30-22-20-M8-20-70	30	20	M8	22	20	2005	5	401
433261	DVC.1-30-18-25-M8-20-40	30	25	M8	18	20	436	6.25	70
433061	DVC.1-30-18-25-M8-20-55	30	25	M8	18	20	671	6.25	107
433461	DVC.1-30-18-25-M8-20-70	30	25	M8	18	20	1342	6.25	215
433276	DVC.1-35-31-15-M8-20-40	35	15	M8	31	20	1120	3.75	299
433076	DVC.1-35-31-15-M8-20-55	35	15	M8	31	20	2097	3.75	559
433476	DVC.1-35-31-15-M8-20-70	35	15	M8	31	20	3215	3.75	857



DVC.1 - 10 - 4,5 - 8 - M4 - 10 - 55  
 D d1 L d l Shore A

Conversion Table 1 mm = 0.039 inch			
L			
mm	inch	mm	inch
8	0.31	40	1.57
10	0.39	45	1.77
15	0.59	50	1.97
19	0.75	53	2.09
20	0.79	60	2.36
25	0.98	75	2.95
22	0.87	34	1.34
30	1.18	48	1.89
33.5	1.32		



Machine elements

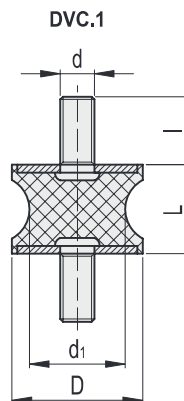


Machine elements

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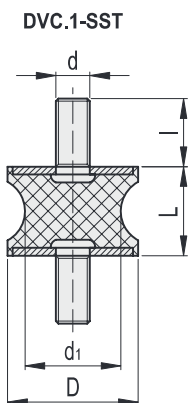
DVC.1

Code	Description	D	L	d	d1	l	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]
433271	DVC.1-35-25-34-M8-20-40	35	34	M8	25	20	1073	8.5	126
433071	DVC.1-35-25-34-M8-20-55	35	34	M8	25	20	1564	8.5	184
433471	DVC.1-35-25-34-M8-20-70	35	34	M8	25	20	2415	8.5	284
433285	DVC.1-40-30-25-M8-23-40	40	25	M8	30	23	1823	6.25	292
433085	DVC.1-40-30-25-M8-23-55	40	25	M8	30	23	2430	6.25	389
433485	DVC.1-40-30-25-M8-23-70	40	25	M8	30	23	3378	6.25	540
433283	DVC.1-40-25-30-M8-23-40	40	30	M8	25	23	937	7.5	125
433083	DVC.1-40-25-30-M8-23-55	40	30	M8	25	23	1621	7.5	216
433483	DVC.1-40-25-30-M8-23-70	40	30	M8	25	23	2246	7.5	299
433289	DVC.1-40-33-30-M8-23-40	40	30	M8	33	23	1007	7.5	134
433089	DVC.1-40-33-30-M8-23-55	40	30	M8	33	23	1873	7.5	250
433489	DVC.1-40-33-30-M8-23-70	40	30	M8	33	23	2423	7.5	323
433281	DVC.1-40-20-48-M8-23-40	40	48	M8	20	23	498	12	42
433081	DVC.1-40-20-48-M8-23-55	40	48	M8	20	23	705	12	59
433481	DVC.1-40-20-48-M8-23-70	40	48	M8	20	23	1123	12	94
433287	DVC.1-40-32-50-M8-23-40	40	50	M8	32	23	521	12.5	42
433087	DVC.1-40-32-50-M8-23-55	40	50	M8	32	23	795	12.5	64
433487	DVC.1-40-32-50-M8-23-70	40	50	M8	32	23	1321	12.5	106
433296	DVC.1-50-46-15-M10-28-40	50	15	M10	46	28	1027	3.75	274
433096	DVC.1-50-46-15-M10-28-55	50	15	M10	46	28	2430	3.75	648
433496	DVC.1-50-46-15-M10-28-70	50	15	M10	46	28	3385	3.75	903
433291	DVC.1-50-42-30-M10-28-40	50	30	M10	42	28	1095	7.5	146
433091	DVC.1-50-42-30-M10-28-55	50	30	M10	42	28	1523	7.5	203
433491	DVC.1-50-42-30-M10-28-70	50	30	M10	42	28	2271	7.5	303
433293	DVC.1-55-44-45-M10-28-40	55	45	M10	44	28	911	11.25	81
433093	DVC.1-55-44-45-M10-28-55	55	45	M10	44	28	1328	11.25	118
433493	DVC.1-55-44-45-M10-28-70	55	45	M10	44	28	1974	11.25	175
433301	DVC.1-57-25-45-M10-28-40	57	45	M10	25	28	902	11.25	80
433101	DVC.1-57-25-45-M10-28-55	57	45	M10	25	28	1222	11.25	109
433501	DVC.1-57-25-45-M10-28-70	57	45	M10	25	28	1765	11.25	157
433306	DVC.1-60-49-60-M10-28-40	60	60	M10	49	28	2188	15	146
433106	DVC.1-60-49-60-M10-28-55	60	60	M10	49	28	3785	15	252
433506	DVC.1-60-49-60-M10-28-70	60	60	M10	49	28	4325	15	288
433311	DVC.1-70-45-53-M12-37-40	70	53	M12	45	37	1897	13.25	143
433111	DVC.1-70-45-53-M12-37-55	70	53	M12	45	37	2114	13.25	160
433511	DVC.1-70-45-53-M12-37-70	70	53	M12	45	37	3228	13.25	244
433316	DVC.1-72-64-33,5-M12-37-40	72	33,5	M12	64	37	2875	8.375	343
433116	DVC.1-72-64-33,5-M12-37-55	72	33,5	M12	64	37	4170	8.375	498
433516	DVC.1-72-64-33,5-M12-37-70	72	33,5	M12	64	37	7315	8.375	873
433321	DVC.1-75-60-40-M12-37-40	75	40	M12	60	37	2409	10	241
433121	DVC.1-75-60-40-M12-37-55	75	40	M12	60	37	3610	10	361
433521	DVC.1-75-60-40-M12-37-70	75	40	M12	60	37	6988	10	699
433326	DVC.1-95-80-75-M16-41-40	95	75	M16	80	41	7584	18.75	404
433126	DVC.1-95-80-75-M16-41-55	95	75	M16	80	41	10865	18.75	579
433526	DVC.1-95-80-75-M16-41-70	95	75	M16	80	41	13263	18.75	707



DVC.1 - 10 - 4.5 - 8 - M4 - 10 - 55  
 D d1 L d l Shore A

L			
mm	inch	mm	inch
8	0.31	40	1.57
10	0.39	45	1.77
15	0.59	50	1.97
19	0.75	53	2.09
20	0.79	60	2.36
25	0.98	75	2.95
22	0.87	34	1.34
30	1.18	48	1.89
33.5	1.32		



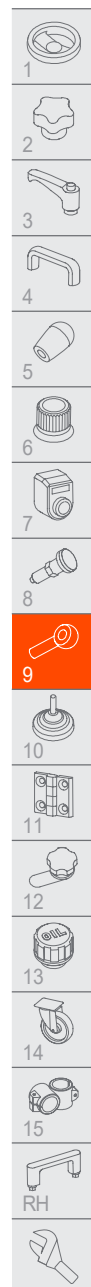
DVC.1 - 10 - 4.5 - 8 - SST - M4 - 10 - 55  
 D d1 L Stainless steel d l Shore A

Conversion Table 1 mm = 0.039 inch			
L			
mm	inch	mm	inch
8	0.31	40	1.57
10	0.39	45	1.77
15	0.59	50	1.97
19	0.75	53	2.09
20	0.79	60	2.36
25	0.98	75	2.95
22	0.87	34	1.34
30	1.18	48	1.89
33.5	1.32		

DVC.1-SST

INOX STAINLESS STEEL

Code	Description	D	L	d	d1	l	Max load [N]	Max. deflection [mm]	Stiffness [N/mm]
433601	DVC.1-10-4,5-8-SST-M4-10-55	10	8	M4	4,5	10	80	2	40
433606	DVC.1-10-8-10-SST-M4-10-55	10	10	M4	8	10	69	2.5	28
433611	DVC.1-15-8,5-15-SST-M4-10-55	15	15	M4	8,5	10	113	3.75	30
433616	DVC.1-15-12-15-SST-M4-10-55	15	15	M4	12	10	163	3.75	43
433631	DVC.1-20-14-15-SST-M6-18-55	20	15	M6	14	18	273	3.75	73
433633	DVC.1-20-14-19-SST-M6-18-55	20	19	M6	14	18	238	4.75	50
433635	DVC.1-20-14-20-SST-M6-18-55	20	20	M6	14	18	231	5	46
433641	DVC.1-21-16-22-SST-M6-18-55	21	22	M6	16	18	205	5.5	37
433621	DVC.1-20-12-30-SST-M6-18-55	20	30	M6	12	18	280	7.5	37
433637	DVC.1-20-14-30-SST-M6-18-55	20	30	M6	14	18	507	7.5	68
433651	DVC.1-25-18-20-SST-M6-18-55	25	20	M6	18	18	887	5	177
433656	DVC.1-25-20-20-SST-M6-18-55	25	20	M6	20	18	560	5	112
433666	DVC.1-30-22-20-SST-M8-20-55	30	20	M8	22	20	1087	5	217
433661	DVC.1-30-18-25-SST-M8-20-55	30	25	M8	18	20	671	6.25	107
433676	DVC.1-35-31-15-SST-M8-20-55	35	15	M8	31	20	2097	3.75	559
433671	DVC.1-35-25-34-SST-M8-20-55	35	34	M8	25	20	1564	8.5	184
433685	DVC.1-40-30-25-SST-M8-23-55	40	25	M8	30	23	2430	6.25	389
433683	DVC.1-40-25-30-SST-M8-23-55	40	30	M8	25	23	1621	7.5	216
433689	DVC.1-40-33-30-SST-M8-23-55	40	30	M8	33	23	1873	7.5	250
433681	DVC.1-40-20-48-SST-M8-23-55	40	48	M8	20	23	705	12.5	56
433687	DVC.1-40-32-50-SST-M8-23-55	40	50	M8	32	23	795	12.5	64
433696	DVC.1-50-46-15-SST-M10-28-55	50	15	M10	46	28	2430	3.75	648
433691	DVC.1-50-42-30-SST-M10-28-55	50	30	M10	42	28	1523	7.5	203
433693	DVC.1-55-44-45-SST-M10-28-55	55	45	M10	44	28	1328	11.25	118
433701	DVC.1-57-25-45-SST-M10-28-55	57	45	M10	25	28	1222	11.25	109
433706	DVC.1-60-49-60-SST-M10-28-55	60	60	M10	49	28	3785	15	252
433711	DVC.1-70-45-53-SST-M12-37-55	70	53	M12	45	37	2114	13.25	160
433716	DVC.1-72-64-33,5-SST-M12-37-55	72	33,5	M12	64	37	4170	8.375	498
433721	DVC.1-75-60-40-SST-M12-37-55	75	40	M12	60	37	3610	10	361
433726	DVC.1-95-80-75-SST-M16-41-55	95	75	M16	80	41	10865	18.75	579



Machine elements

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