

DVB.6 - DVB.7



Vibration-damping elements

Rubber and steel or stainless steel

VIBRATION-DAMPING BODY

Natural rubber NR, hardness 40, 55, 70 tolerance ± 5 Shore A, black colour. Available standard hardness 55 tolerance ± 5 Shore A for executions with AISI 304 stainless steel base.

STANDARD EXECUTIONS

- **DVB.6:** zinc-plated steel plate and threaded stud.
- **DVB.6-SST:** AISI 304 stainless steel plate and threaded stud.
- **DVB.7:** zinc-plated steel plate and boss, threaded blind hole.
- **DVB.7-SST:** AISI 304 stainless steel plate and boss, threaded blind hole.

FEATURES AND APPLICATIONS

DVB. 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.

DVB elements are generally used as a bumper or as a limit stop for the absorption of vibrations.

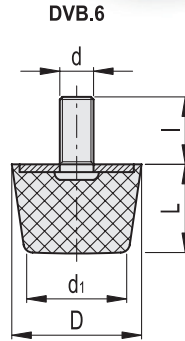
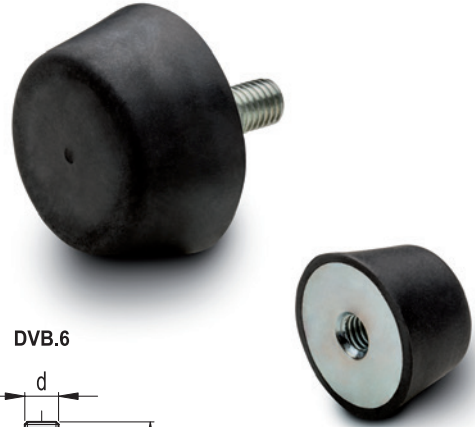
Vibrations can cause:

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

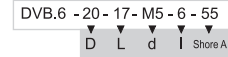
Load diagrams for each single code are available on request. See technical data and guidelines for the choice on page A53

SPECIAL EXECUTIONS ON REQUEST

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



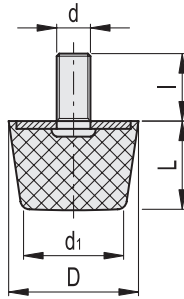
* Complete the description with the desired hardness: 40, 55 or 70 tolerance ± 5 Shore A.



Description	D	L	d	d1	I	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]	
DVB.6-20-17-M5-6-*	20	17	M5	10	6	10	432201	358	4.25	84	432001	407	4.25	96	432401	468	4.25	110
DVB.6-20-17-M5-10-*	20	17	M5	10	10	12	432202	358	4.25	84	432002	407	4.25	96	432402	468	4.25	110
DVB.6-20-17-M5-20-*	20	17	M5	10	20	16	432203	358	4.25	84	432003	407	4.25	96	432403	468	4.25	110
DVB.6-20-17-M6-12-*	20	17	M6	10	12	13	432211	358	4.25	84	432011	407	4.25	96	432411	468	4.25	110
DVB.6-20-17-M6-18-*	20	17	M6	10	18	17	432212	358	4.25	84	432012	407	4.25	96	432412	468	4.25	110
DVB.6-20-17-M6-25-*	20	17	M6	10	25	21	432213	358	4.25	84	432013	407	4.25	96	432413	468	4.25	110
DVB.6-25-17-M6-8-*	25	17	M6	19	8	26	432221	261	4.25	61	432021	293	4.25	69	432421	374	4.25	88
DVB.6-25-17-M6-12-*	25	17	M6	19	12	29	432222	261	4.25	61	432022	293	4.25	69	432422	374	4.25	88
DVB.6-25-17-M6-18-*	25	17	M6	19	18	34	432223	261	4.25	61	432023	293	4.25	69	432423	374	4.25	88
DVB.6-25-17-M6-25-*	25	17	M6	19	25	40	432224	261	4.25	61	432024	293	4.25	69	432424	374	4.25	88
DVB.6-32-22-M8-10-*	32	22	M8	24	10	36	432231	492	5.5	89	432031	638	5.5	116	432431	813	5.5	148
DVB.6-32-22-M8-16-*	32	22	M8	24	16	48	432232	492	5.5	89	432032	638	5.5	116	432432	813	5.5	148
DVB.6-32-22-M8-23-*	32	22	M8	24	23	53	432233	492	5.5	89	432033	638	5.5	116	432433	813	5.5	148
DVB.6-32-22-M8-30-*	32	22	M8	24	30	60	432234	492	5.5	89	432034	638	5.5	116	432434	813	5.5	148
DVB.6-38-35-M8-10-*	38	35	M8	30	10	67	432241	840	8.75	96	432041	1117	8.75	128	432441	1432	8.75	164
DVB.6-38-35-M8-16-*	38	35	M8	30	16	72	432242	840	8.75	96	432042	1117	8.75	128	432442	1432	8.75	164
DVB.6-38-35-M8-30-*	38	35	M8	30	30	86	432243	840	8.75	96	432043	1117	8.75	128	432443	1432	8.75	164
DVB.6-38-35-M10-12-*	38	35	M10	30	12	110	432251	840	8.75	96	432051	1117	8.75	128	432451	1432	8.75	164
DVB.6-38-35-M10-20-*	38	35	M10	30	20	128	432252	840	8.75	96	432052	1117	8.75	128	432452	1432	8.75	164
DVB.6-38-35-M10-28-*	38	35	M10	30	28	142	432253	840	8.75	96	432053	1117	8.75	128	432453	1432	8.75	164
DVB.6-38-35-M10-40-*	38	35	M10	30	40	169	432254	840	8.75	96	432054	1117	8.75	128	432454	1432	8.75	164
DVB.6-43-50-M10-12-*	43	50	M10	30	12	86	432261	1027	12.5	82	432061	1523	12.5	122	432461	2009	12.5	161
DVB.6-43-50-M10-20-*	43	50	M10	30	20	111	432262	1027	12.5	82	432062	1523	12.5	122	432462	2009	12.5	161
DVB.6-43-50-M10-28-*	43	50	M10	30	28	147	432263	1027	12.5	82	432063	1523	12.5	122	432463	2009	12.5	161
DVB.6-43-50-M10-40-*	43	50	M10	30	40	172	432264	1027	12.5	82	432064	1523	12.5	122	432464	2009	12.5	161
DVB.6-50-20-M10-12-*	50	20	M10	40	12	84	432271	1843	5	369	432071	2310	5	462	432471	3007	5	601
DVB.6-50-20-M10-20-*	50	20	M10	40	20	108	432272	1843	5	369	432072	2310	5	462	432472	3007	5	601
DVB.6-50-20-M10-28-*	50	20	M10	40	28	144	432273	1843	5	369	432073	2310	5	462	432473	3007	5	601
DVB.6-50-20-M10-40-*	50	20	M10	40	40	165	432274	1843	5	369	432074	2310	5	462	432474	3007	5	601
DVB.6-60-40-M10-12-*	60	40	M10	40	12	90	432281	1652	10	165	432081	2090	10	209	432481	3258	10	326
DVB.6-60-40-M10-20-*	60	40	M10	40	20	115	432282	1652	10	165	432082	2090	10	209	432482	3258	10	326
DVB.6-60-40-M10-28-*	60	40	M10	40	28	151	432283	1652	10	165	432083	2090	10	209	432483	3258	10	326
DVB.6-60-40-M10-40-*	60	40	M10	40	40	176	432284	1652	10	165	432084	2090	10	209	432484	3258	10	326



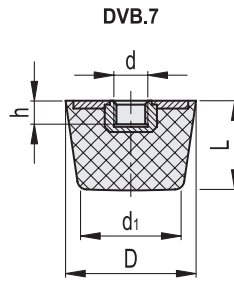
DVB.6-SST



DVB.6 - 20 - 17 - SST - M5 - 6 - 55
 D L d d1 l Shore A
 Stainless steel

STAINLESS STEEL

Description	D	L	d	d1	l	△	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]
DVB.6-20-17-SST-M5-6-55	20	17	M5	10	6	10		358	4.25	84	432601	407	4.25	96		468	4.25	110
DVB.6-20-17-SST-M5-10-55	20	17	M5	10	10	12		358	4.25	84	432602	407	4.25	96		468	4.25	110
DVB.6-20-17-SST-M5-20-55	20	17	M5	10	20	16		358	4.25	84	432603	407	4.25	96		468	4.25	110
DVB.6-20-17-SST-M6-12-55	20	17	M6	10	12	13		358	4.25	84	432611	407	4.25	96		468	4.25	110
DVB.6-20-17-SST-M6-18-55	20	17	M6	10	18	17		358	4.25	84	432612	407	4.25	96		468	4.25	110
DVB.6-20-17-SST-M6-25-55	20	17	M6	10	25	21		358	4.25	84	432613	407	4.25	96		468	4.25	110
DVB.6-25-17-SST-M6-8-55	25	17	M6	19	8	26		261	4.25	61	432621	293	4.25	69		374	4.25	88
DVB.6-25-17-SST-M6-12-55	25	17	M6	19	12	29		261	4.25	61	432622	293	4.25	69		374	4.25	88
DVB.6-25-17-SST-M6-18-55	25	17	M6	19	18	34		261	4.25	61	432623	293	4.25	69		374	4.25	88
DVB.6-25-17-SST-M6-25-55	25	17	M6	19	25	40		261	4.25	61	432624	293	4.25	69		374	4.25	88
DVB.6-32-22-SST-M8-10-55	32	22	M8	24	10	36		492	5.5	89	432631	638	5.5	116		813	5.5	148
DVB.6-32-22-SST-M8-16-55	32	22	M8	24	16	48		492	5.5	89	432632	638	5.5	116		813	5.5	148
DVB.6-32-22-SST-M8-23-55	32	22	M8	24	23	53		492	5.5	89	432633	638	5.5	116		813	5.5	148
DVB.6-32-22-SST-M8-30-55	32	22	M8	24	30	60		492	5.5	89	432634	638	5.5	116		813	5.5	148
DVB.6-38-35-SST-M8-10-55	38	35	M8	30	10	67	ON REQUEST	840	8.75	96	432641	1117	8.75	128	ON REQUEST	1432	8.75	164
DVB.6-38-35-SST-M8-16-55	38	35	M8	30	16	72		840	8.75	96	432642	1117	8.75	128		1432	8.75	164
DVB.6-38-35-SST-M8-30-55	38	35	M8	30	30	86		840	8.75	96	432643	1117	8.75	128		1432	8.75	164
DVB.6-38-35-SST-M10-12-55	38	35	M10	30	12	110		840	8.75	96	432651	1117	8.75	128		1432	8.75	164
DVB.6-38-35-SST-M10-20-55	38	35	M10	30	20	128		840	8.75	96	432652	1117	8.75	128		1432	8.75	164
DVB.6-38-35-SST-M10-28-55	38	35	M10	30	28	142		840	8.75	96	432653	1117	8.75	128		1432	8.75	164
DVB.6-38-35-SST-M10-40-55	38	35	M10	30	40	169		840	8.75	96	432654	1117	8.75	128		1432	8.75	164
DVB.6-43-50-SST-M10-12-55	43	50	M10	30	12	86		1027	12.5	82	432661	1523	12.5	122		2009	12.5	161
DVB.6-43-50-SST-M10-20-55	43	50	M10	30	20	111		1027	12.5	82	432662	1523	12.5	122		2009	12.5	161
DVB.6-43-50-SST-M10-28-55	43	50	M10	30	28	147		1027	12.5	82	432663	1523	12.5	122		2009	12.5	161
DVB.6-43-50-SST-M10-40-55	43	50	M10	30	40	172		1027	12.5	82	432664	1523	12.5	122		2009	12.5	161
DVB.6-50-20-SST-M10-12-55	50	20	M10	40	12	84		1843	5	369	432671	2310	5	462		3007	5	601
DVB.6-50-20-SST-M10-20-55	50	20	M10	40	20	108		1843	5	369	432672	2310	5	462		3007	5	601
DVB.6-50-20-SST-M10-28-55	50	20	M10	40	28	144		1843	5	369	432673	2310	5	462		3007	5	601
DVB.6-50-20-SST-M10-40-55	50	20	M10	40	40	165		1843	5	369	432674	2310	5	462		3007	5	601
DVB.6-60-40-SST-M10-12-55	60	40	M10	40	12	90		1652	10	165	432681	2090	10	209		3258	10	326
DVB.6-60-40-SST-M10-20-55	60	40	M10	40	20	115		1652	10	165	432682	2090	10	209		3258	10	326
DVB.6-60-40-SST-M10-28-55	60	40	M10	40	28	151		1652	10	165	432683	2090	10	209		3258	10	326
DVB.6-60-40-SST-M10-40-55	60	40	M10	40	40	176		1652	10	165	432684	2090	10	209		3258	10	326



* Complete the description with the desired hardness: 40, 55 or 70 Shore A.

DVB.7 - 20 - 17 - M5 - 55
 D L d Shore A

Description	D	L	d	d ₁	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]
DVB.7-20-17-M5-*	20	17	M5	10	5	12	432301	207	4,25	49	432101	253	4,25	60	432501	311	4,25	73
DVB.7-20-17-M6-*	20	17	M6	10	6	18	432302	207	4,25	49	432102	253	4,25	60	432502	311	4,25	73
DVB.7-25-17-M6-*	25	17	M6	19	6	22	432303	289	4,25	68	432103	358	4,25	84	432503	454	4,25	107
DVB.7-32-22-M8-*	32	22	M8	24	8	33	432311	411	5,5	75	432111	506	5,5	92	432511	673	5,5	122
DVB.7-38-35-M8-*	38	35	M8	30	8	46	432321	604	8,75	69	432121	893	8,75	102	432521	1104	8,75	126
DVB.7-38-35-M10-*	38	35	M10	30	10	56	432331	604	8,75	69	432131	893	8,75	102	432531	1104	8,75	126
DVB.7-43-50-M10-*	43	50	M10	30	10	72	432341	1327	12,5	106	432141	2011	12,5	161	432541	3027	12,5	242
DVB.7-50-20-M10-*	50	20	M10	40	10	61	432351	2763	5	553	432151	3570	5	714	432551	4875	5	975
DVB.7-60-40-M10-*	60	40	M10	40	10	93	432361	1685	10	169	432161	2101	10	210	432561	3231	10	323

DVB.7 - 20 - 17 - SST - M5 - 55
 D L Stainless steel d Shore A

STAINLESS STEEL

Description	D	L	d	d ₁	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]
DVB.7-20-17-SST-M5-55	20	17	M5	10	5	12	ON REQUEST	207	4,25	49	432701	253	4,25	60	ON REQUEST	311	4,25	73
DVB.7-20-17-SST-M6-55	20	17	M6	10	6	18		207	4,25	49	432702	253	4,25	60		311	4,25	73
DVB.7-25-17-SST-M6-55	25	17	M6	19	6	22		289	4,25	68	432703	358	4,25	84		454	4,25	107
DVB.7-32-22-SST-M8-55	32	22	M8	24	8	33		411	5,5	75	432711	506	5,5	92		673	5,5	122
DVB.7-38-35-SST-M8-55	38	35	M8	30	8	46		604	8,75	69	432721	893	8,75	102		1104	8,75	126
DVB.7-38-35-SST-M10-55	38	35	M10	30	10	56		604	8,75	69	432731	893	8,75	102		1104	8,75	126
DVB.7-43-50-SST-M10-55	43	50	M10	30	10	72		1327	12,5	106	432741	2011	12,5	161		3027	12,5	242
DVB.7-50-20-SST-M10-55	50	20	M10	40	10	61		2763	5	553	432751	3570	5	714		4875	5	975
DVB.7-60-40-SST-M10-55	60	40	M10	40	10	93		1685	10	169	432761	2101	10	210		3231	10	323

Machine elements 9