

Cylindrical anti-vibration mounts

SDA/SDB/SDC/SDD/SDE

Product description

Cylindrical anti-vibration mounts where the rubber is vulcanised on a galvanised steel washer(s).

Available in different hardnesses and many kinds of thread, rubber type and colour and in different steels; see the list below.

Application

The anti-vibration mounts are used for damping noise and vibrations from stationary machine installations such as fans, pumps, electric motors, converters, compressors, heat pumps and many others.

The following options are offered on SD mounts

Standard version of the SD mount is:

- Natural rubber (NR) hardness 45, 55 or 65 Sh(A)
- Electro-galvanised surface Fe/Zn12/1A

Can also be ordered as follows:

- NR hardness 30–35 or 20–30 Sh(A)
- Rubber type CR, NBR, EPDM & silicone
- The rubber is available in grey, as well as other colours
- Steel AISI 304 or 316
- Embossing of letters or numbers on the steel part
- Colour labelling of the rubber or steel part

Deeper threads:

- M5 max. 14 mm open threaded hole
- M6 max. 14 mm closed threaded hole
- M8 max. 16 mm closed threaded hole
- M10 max. 20 mm closed threaded hole
- M12 max. 24 mm closed threaded hole



The following thread lengths are offered:

Thread/Length [mm]	6	8	10	12	15	17	18	20	22	23	25	27	28	33	36	37	38	41	46	47
M3	X	X	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M4	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M5	A	X	X	X	X	-	A	X	-	-	-	-	-	-	-	-	-	-	-	-
M6	A	X	X	X	X	-	X	X	-	X	A	-	X	A	A	A	A	-	-	A
M8	-	A	X	X	X	-	X	X	-	X	A	-	X	X	A	A	A	-	-	A
M10	-	A	X	X	X	-	X	X	-	X	X	-	X	X	-	-	X	-	-	A
M12	-	-	X	A	-	X	-	-	X	-	-	X	-	-	-	X	-	A	-	X
M16	-	-	-	-	-	-	-	-	A	-	-	X	-	-	X	-	-	X	X	-
M20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-

X: Standard lengths
O: On request

Diameter [mm]	Height [mm]	Static deflection [mm]	Data applies to all 5 types of SD		
			45 Sh(A) [kg]	55 Sh(A) [kg]	65 Sh(A) [kg]
6	7	1.4	1.8	2.9	4.1
6	8	1.6	1.7	2.8	4.0
6	10	2.1	1.6	2.5	3.7
6	13	2.7	1.5	2.3	3.5
8	5	0.8	3.7	5.3	7.6
8	8	1.6	3.6	5.3	7.7
8	10	2.0	3.2	4.9	7.1
8	13	2.6	2.9	4.5	6.5
8	15	3.0	2.8	4.3	6.3
9	12	2.5	4.0	6.0	8.8
10	6	1.0	5.8	8.4	11.9
10	8	1.4	5.5	8.2	11.8
10	10	2.0	5.5	8.3	12.0
10	15	3.0	4.6	7.1	10.5
10	17	3.4	4.4	6.9	10.1
10	18	3.7	4.4	6.8	10.0
10	20	4.0	4.2	6.6	9.8
10	30	6.1	3.9	6.1	9.1
11	11	2.2	6.7	10.0	14.6
12	10	1.8	8.0	11.7	17.0
13	26	5.3	7.1	11.2	16.5
15	4	0.5	25	30	36
15	5	0.7	20	25	34
15	6	0.8	17	22	31
15	7	1.0	15	20	29
15	8	1.2	14	19	28
15	9	1.4	13	19	27
15	10	1.7	13	18	27
15	12	2.2	12	18	27
15	13	2.4	12	18	27
15	15	3.0	12	19	27
15	20	4.0	11	17	24
15	25	5.0	10	16	23
15	30	6.1	9.5	15	22
16	18	3.6	13	20	29
18	6	0.8	28	36	50
18	8	1.2	22	30	42
18	10	1.6	19	27	39
18	13	2.2	18	26	38
18	15	2.8	18	26	38
20	5	0.6	48	57	64
20	8	1.1	30	39	55
20	10	1.5	25	35	50
20	11	1.7	24	34	49
20	12	1.9	23	33	48
20	13	2.1	23	33	47
20	15	2.6	22	33	47
20	17	3.2	22	33	47

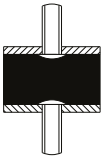
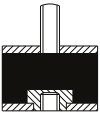

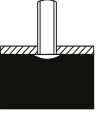

Diameter [mm]	Height [mm]	Static deflection [mm]	Data applies to all 5 types of SD		
			45 Sh(A) [kg]	55 Sh(A) [kg]	65 Sh(A) [kg]
20	20	4.0	22	33	48
20	23	4.6	20	31	45
20	25	5.0	20	30	44
20	30	6.0	18	28	42
25	8	1.1	57	72	98
25	10	1.4	46	61	86
25	12	1.8	40	55	79
25	13	2.0	38	54	77
25	14	2.2	37	53	75
25	15	2.4	36	52	75
25	17	2.9	35	51	74
25	18	3.1	35	51	73
25	19	3.4	35	51	73
25	20	3.6	34	51	73
25	22	4.1	34	51	74
25	25	5.0	34	52	75
25	27	5.4	33	50	73
25	28	5.6	32	49	72
25	30	6.0	31	48	70
26	22	4.1	37	55	80
30	8	1.0	100	120	144
30	10	1.3	79	100	138
30	12	1.7	66	88	124
30	13	1.9	62	84	119
30	15	2.3	56	78	112
30	17	2.7	53	76	108
30	18	2.9	52	75	107
30	20	3.3	51	74	106
30	22	3.8	50	73	106
30	25	4.6	49	73	106
30	30	6.0	49	74	108
30	35	7.0	46	70	102
30	45	9.0	41	64	94
30	40	8.0	43	66	97
40	10	1.3	191	227	256
40	15	2.1	125	164	228
40	20	3.0	99	139	198
40	25	4.1	92	132	190
40	27	4.5	90	131	188
40	28	4.8	90	131	188
40	30	5.3	89	130	188
40	35	6.6	88	130	189
40	38	7.4	88	131	191
40	40	8.0	88	132	192
40	45	9.0	83	126	183
40	50	10.0	79	121	176
50	15	2.0	243	302	400
50	17	2.3	214	274	377

Max. load/Deflection

SDA/SDB/SDC/SDD/SDE

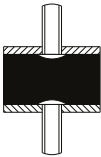
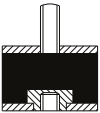

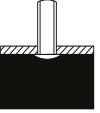

Diameter [mm]	Height [mm]	Static deflection [mm]	Data applies to all 5 types of SD		
			45 Sh(A) [kg]	55 Sh(A) [kg]	65 Sh(A) [kg]
50	20	2.8	184	246	343
50	21	3.0	177	239	335
50	25	3.8	154	217	310
50	27	4.2	150	213	304
50	28	4.4	148	211	302
50	30	4.8	145	208	298
50	35	6.0	140	204	294
50	37	6.4	139	203	293
50	40	7.2	138	203	294
50	42	7.7	137	203	294
50	45	8.6	137	204	296
50	50	10.0	137	206	300
50	60	12.0	125	192	280
50	80	16.0	112	174	256
60	15	1.9	430	511	576
60	16	2.0	399	481	576
60	20	2.7	314	401	551
60	25	3.5	256	345	484
60	30	4.5	222	313	447
60	35	5.5	210	301	431
60	40	6.7	203	295	424
60	45	7.9	199	293	422
60	50	9.2	198	293	424
60	60	12.0	197	297	432
65	35	5.4	253	360	514
70	20	2.6	502	617	785
70	25	3.4	400	519	717
70	30	4.3	341	462	649
70	35	5.3	302	426	608
70	40	6.3	288	412	589
70	45	7.4	279	403	579
70	50	8.6	273	399	575
70	53	9.3	271	398	575
70	55	9.8	270	398	575
70	60	11.1	269	399	578
70	70	14.0	269	404	588
75	20	2.5	623	752	901
75	25	3.3	491	626	860
75	30	4.2	415	553	772
75	35	5.1	365	506	717
75	40	6.1	338	480	686
75	45	7.2	326	468	671
75	50	8.3	318	461	663
75	55	9.5	313	458	660
75	60	10.8	310	457	660
75	70	13.5	308	461	669
75	100	20.0	270	415	607
80	30	4.1	500	656	910

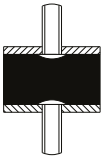
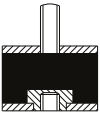

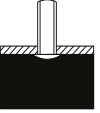

Diameter [mm]	Height [mm]	Static deflection [mm]	Data applies to all 5 types of SD		
			45 Sh(A) [kg]	55 Sh(A) [kg]	65 Sh(A) [kg]
80	40	6.0	394	556	794
80	50	8.1	367	529	759
80	55	9.3	359	523	752
80	60	10.5	355	520	751
80	65	11.8	352	520	752
80	70	13.1	350	522	756
80	75	14.5	350	524	761
80	80	16.0	351	528	769
90	50	7.8	480	685	979
90	55	8.9	467	672	963
90	60	10.0	458	664	954
90	100	20.0	421	639	932
100	25	3.1	1196	1419	1601
100	30	3.9	972	1209	1601
100	35	4.7	833	1075	1482
100	40	5.6	737	983	1372
100	45	6.5	668	918	1295
100	50	7.5	616	869	1240
100	55	8.5	595	847	1211
100	60	9.6	579	832	1192
100	65	10.7	568	822	1180
100	70	11.9	560	816	1175
100	75	13.1	554	813	1173
100	80	14.4	550	813	1174
100	90	17.1	547	817	1184
100	100	20.0	548	825	1201
120	80	13.3	813	1181	1696
120	100	18.3	790	1171	1694
120	120	24.0	789	1188	1729
125	40	5.3	1421	1794	2456
125	55	7.9	1063	1452	2045
125	60	8.9	993	1386	1969
125	70	10.9	924	1318	1885
125	75	12.0	905	1300	1862
125	90	15.5	871	1273	1833
125	95	16.7	864	1270	1832
125	100	18.0	860	1270	1835
125	125	25.0	856	1290	1876
125	190	38.0	712	1106	1622
140	48	6.4	1665	2138	2943
140	60	8.6	1363	1849	2597
150	50	6.7	1964	2505	3441
150	55	7.5	1793	2341	3241
150	60	8.4	1659	2212	3087
150	75	14	1150	4070	5040
164	75	11	1775	2450	3450
200	100	18	1850	4070	8470

						
Diameter [mm]	Height [mm]	SDA	SDB	SDC	SDD	SDE
6	7	M3xL	M3xL/M3		M3xL	M3
6	8					
6	10					
6	13					
8	5	M3xL	M3xL/M3		M3xL	M3
8	8					
8	10					
8	13					
8	15	M3xL M4xL M5xL	M3xL/M3 M4xL/M4	M3 M4	M3xL M4xL M5xL	M3 M4 M5
9	12	M3xL M4xL M5xL	M3xL/M3 M4xL/M4	M3 M4	M3xL M4xL M5xL	M3 M4 M5
10	6	M3xL M4xL M5xL	M3xL/M3		M3xL	M3
10	8		M3xL/M3 M4xL/M4	M3	M3xL M4xL M5xL	M3 M4 M5
10	10					
10	15					
10	17					
10	18					
10	20					
10	30					
11	11	M3xL M4xL M5xL	M3xL/M3 M4xL/M4	M3 M4		
12	10	M3xL M4xL M5xL	M3xL/M3 M4xL/M4	M3	M3xL M4xL M5xL	M3 M4 M5
13	26	M4xL M5xL	M4xL/M4 M5xL/M5 M6xL/M6	M3 M4 M5	M4xL M5xL M6xL	M3 M4
15	4	M4xL M5xL	M4xL/M4 M5xL/M5	M3 M4 M5	M4xL	M3 M4 M5
15	5					
15	6					
15	7					
15	8					
15	9					
15	10					
15	12					
15	13					
15	15					
15	20					
15	25					
15	30					
16	18	M4xL M5xL	M4xL/M4 M5xL/M5	M3 M4 M5	M4xL M5xL	M3 M4 M5

Possible threads

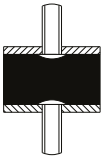
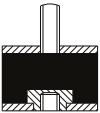

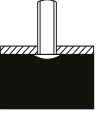

SDA/SDB/SDC/SDD/SDE

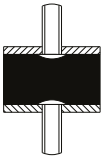
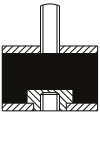

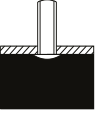

										
Diameter [mm]	Height [mm]	SDA	SDB	SDC	SDD	SDE				
18	6	M6xL			M6xL					
18	8.5									
18	10									
18	13			M6xL/M6			M6			
18	15					M6				
20	5	M5xL M6xL M8xL			M5xL M6xL M8xL					
20	8						M5 M6			
20	10			M5xL/M5 M6xL/M6						
20	11									
20	12			M5xL/M5 M6xL/M6						
20	13									
20	15					M5 M6				
20	17									
20	20			M5xL/M5 M6xL/M6 M8L/M8			M5xL/M5 M6xL/M6 M8L/M8	M5 M6 M8		
20	23					M5 M6 M8				
20	25									
20	30									
25	8		M6xL							
25	10							M6		
25	12		M6xL M8xL	M6xL/M6 M8xL/M8			M6xL M8xL	M6 M8		
25	13									
25	14									
25	15									
25	17									
25	18					M6				
25	19									
25	20									
25	22									
25	25					M6 M8				
25	27									
25	28									
25	30									
26	22	M6xL M8xL	M6xL/M6 M8xL/M8	M6 M8	M6xL M8xL	M6 M8				
30	8									
30	10	M6xL			M6xL M8xL M10xL	M6				
30	12			M6xL/M6 M8xL/M8			M6 M8			
30	13									
30	15									
30	17	M6xL M8xL M10xL	M6xL/M6 M8xL/M8 M10xL/M10	M6		M6 M8 M10				
30	18									

											
Diameter [mm]	Height [mm]	SDA	SDB	SDC	SDD	SDE					
30	20	M6xL M8xL M10xL	M6xL/M6 M8xL/M8 M10xL/M10	M6 M8	M6xL M8xL M10xL	M6 M8 M10					
30	22										
30	25										
30	30										
30	35										
30	45										
30	40										
40	10	M6xL M8xL M10xL	M6xL/M6 M8xL/M8 M10xL/M10		M6xL M8xL M10xL	M6					
40	15			M6							
40	20			M6 M8							
40	25			M6 M8 M10		M6 M8 M10	M6 M8 M10	M6 M8 M10			
40	27										
40	28										
40	30										
40	35										
40	38										
40	40										
40	45										
40	50										
50	7			M8xL M8xL M10xL M12xL		M8xL/M8 M8xL/M8 M10xL/M10 M12xL/M12	M8 M8 M10 M8 M10 M12	M8xL M10xL M12xL	M8 M8 M10 M12		
50	9									M8xL	M8xL/M8
50	12	M8xL M10xL M12xL	M8xL/M8 M10xL/M10 M12xL/M12		M8 M10 M12					M8xL M10xL M12xL	M8 M10 M12
50	15										
50	17										
50	20										
50	21										
50	25										
50	27										
50	28										
50	30										
50	35										
50	37										
50	40										
50	42										
50	45										
50	50										
50	60										
50	80										
60	15	M8xL M10xL	M8xL/M8		M8xL M10xL M12xL	M8 M10					
60	16		M8xL M10xL	M8xL/M8 M10xL/M10		M8	M8xL M10xL M12xL	M8 M10 M12			
60	20										

Possible threads

SDA/SDB/SDC/SDD/SDE

						
Diameter [mm]	Height [mm]	SDA	SDB	SDC	SDD	SDE
60	25	M8xL M10xL M12xL	M8xL/M8 M10xL/M10 M12xL/M12	M8	M8xL M10xL M12xL	M8 M10 M12
60	30					
60	35					
60	40					
60	45					
60	50					
60	60					
65	35	M12xL	M12xL/M12	M12	M12xL	M12
70	20	M10xL M12xL	M10xL/M10		M10xL M12xL	M10 M12
70	25					
70	30					
70	35					
70	40					
70	45					
70	50					
70	53					
70	55					
70	60					
70	70					
75	20	M10xL M12xL	M10xL/M10		M10xL M12xL	M10 M12
75	25					
75	30					
75	35					
75	40					
75	45					
75	50					
75	55					
75	60					
75	70					
75	100					
80	17	M10xL M12xL M14xL M16xL	M10xL/M10		M10xL M12xL M14xL M16xL	M10 M12
80	18					
80	30					
80	40					
80	50					
80	55					
80	60					
80	65					
80	70					
80	75					
80	80					

						
Diameter [mm]	Height [mm]	SDA	SDB	SDC	SDD	SDE
90	50	M12xL M16xL	M12xL/M12 M16xL/M16	M12 M16	M12xL M16xL	M12 M16
90	55					
90	60					
90	100					
100	25	M12xL M16xL	M12xL/M12 M16xL/M16	M12 M16	M12xL M16xL	M12 M16
100	30					
100	35					
100	40					
100	45					
100	50					
100	55					
100	60					
100	65					
100	70					
100	75					
100	80					
100	90					
100	100					
120	80	M12xL M16xL	M12xL/M12 M16xL/M16	M12 M16	M12xL M16xL	M12 M16
120	100					
120	120					
125	40	M12xL M16xL	M12xL/M12 M16xL/M16	M12 M16	M12xL M16xL	M12 M16
125	55					
125	60					
125	70					
125	75					
125	90					
125	95					
125	100					
125	125					
125	190					
140	48	M20xL	M20xL/M20	M20	M20xL	M20
140	60					
150	50	M16xL M20xL	M16xL/M16 M20xL/M20	M16 M20	M16xL M20xL	M16 M20
150	55					
150	60					
150	75					
164	75	M16xL	M16xL/M16	M16	M16xL	M16
200	100	M20xL	M20xL/M20	M20	M20xL	M20