

ERIKS Cylindrical vibration damper B NR



You use the cylindrical vibration damper type B from ERIKS to absorb half the vibration in your application. This product consists of a cylindrical rubber part, which has an external (male) threaded stud on one side and an internal (female) threaded hole on the other. You use this vibration damper to mount a machine (for example, a pump or fan) in a frame or to a surface. This product works best when subjected to a pressure load. Be careful, though, because when this rubber vibration damper is loaded in shear, the maximum pressure it can handle reduces by a factor of six. Note also that this vibration damper is not suitable for tensile loads.

Characteristics

Type: B

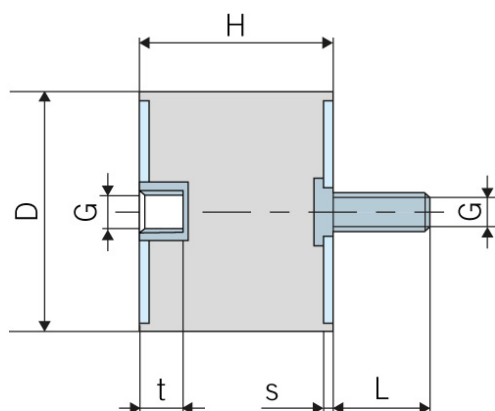
Material rubber: NR

Construction

- The standard version has the following features:
Standard hardness: 50 Shore A
Standard rubber quality: NR 55
Standard metal grade: ST37, galvanised, resistant to a 72-hour exposure to a neutral salt spray according to ISO9227
Compliant with REACH and RoHS
Are you looking for something different? Send us a request for:
A different hardness: 40 or 70 Shore A
A different type of rubber: NBR, EPDM or VMQA
A different type of metal: Stainless Steel 1.4301 [AISI304] or Stainless Steel 1.4401 [AISI316]
Specific certificates for applications involving food: FDA or EC1935

Size table:

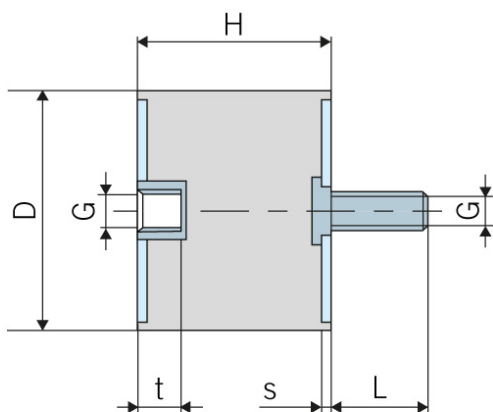
D mm	H mm	G	L mm	t mm	s mm
30	10	M8	20	8	2
30	15	M8	20	8	2
30	20	M8	20	8	2
30	25	M8	20	8	2
30	30	M8	20	8	2
30	35	M8	20	8	2
30	40	M8	20	8	2
40	15	M8	23	8	2
40	20	M8	23	8	2
40	25	M8	23	8	2
40	30	M8	23	8	2
40	35	M8	23	8	2
40	40	M8	23	8	2
50	20	M10	25	10	2
50	25	M10	25	10	2



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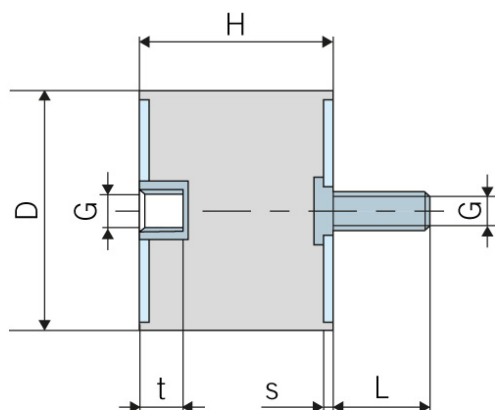
D	H	G	L	t	s
50	30	M10	25	10	2
50	35	M10	25	10	2
50	40	M10	25	10	2
50	45	M10	25	10	2
50	50	M10	25	10	2
50	60	M10	25	10	2
60	20	M10	25	10	2
60	25	M10	25	10	2
60	30	M10	25	10	2
60	35	M10	25	10	2
60	40	M10	25	10	2
60	45	M10	25	10	2
60	50	M10	25	10	2
60	60	M10	25	10	2
70	20	M10	30	10	3
70	35	M10	30	10	3
70	40	M10	30	10	3
70	45	M10	30	10	3
75	20	M 12	37	12	3
75	25	M 12	37	12	3
75	30	M 12	37	12	3
75	35	M 12	37	12	3
75	40	M 12	37	12	3
75	45	M 12	37	12	3
75	50	M 12	37	12	3
75	55	M 12	37	12	3
75	60	M 12	37	12	3
75	70	M 12	37	12	3
80	30	M 12	37	12	3
80	40	M 12	37	12	3
80	50	M 12	37	12	3
80	60	M 12	37	12	3
80	80	M 12	37	12	3
100	40	M 16	46	16	3
100	45	M 16	46	16	3
100	50	M 16	46	16	3
100	55	M 16	46	16	3
100	60	M 16	46	16	3
100	75	M 16	46	16	3



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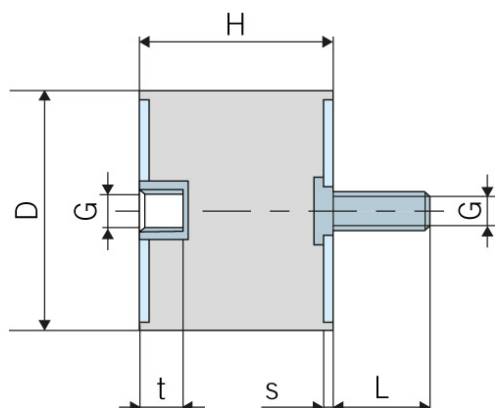
D	H	G	L	t	s
125	55	M 16	46	16	3
150	75	M 16	46	16	4
6	7	M3	6	3	0.8
6	8	M3	6	3	0.8
6	10	M3	6	3	0.8
6	13	M3	6	3	0.8
8	6	M3	6	3	1
8	8	M3	6	3	1
8	10	M3	6	3	1
8	13	M3	6	3	1
8	15	M3	6	3	1
10	8	M4	10	4	1.2
10	10	M4	10	4	1.2
10	15	M4	10	4	1.2
10	18	M4	10	4	1.2
10	20	M4	10	4	1.2
15	10	M4	15	4	1.4
15	12	M4	15	4	1.4
15	15	M4	15	4	1.4
15	20	M4	15	4	1.4
20	10	M6	18	6	2
20	13	M6	18	6	2
20	15	M6	18	6	2
20	20	M6	18	6	2
20	25	M6	18	6	2
20	30	M6	18	6	2
25	10	M6	18	6	2
25	15	M6	18	6	2
25	20	M6	18	6	2
25	25	M6	18	6	2
25	30	M6	18	6	2
25	40	M6	18	6	2
100	30	M 16	46	16	3
100	35	M 16	46	16	3
100	100	M 16	46	16	3
125	60	M 16	46	16	3
150	55	M 16	46	16	4
150	60	M 16	46	16	4
150	100	M 16	46	16	4



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Size table:

D	H	G	L	t	s
200	100	M20	46	20	5



Hardness rubber	Material metal	Outside diameter	Outside height	Thread size	Compression Load at 25% compression	Compression Deflection (max)	Compression load (max)	Article
		mm	mm		N	mm	dN	
55	Galvanized steel	30	10	M8	13638.79	2.5		13372875
55	Galvanized steel	30	15	M8	2517.93	3.75		13372876
55	Galvanized steel	30	20	M8	1341.66	5	60	10041042
55	Galvanized steel	30	25	M8	1550.26	6.25		13018757
55	Galvanized steel	30	30	M8	1284.89	7.5	60	10041045
55	Galvanized steel	30	35	M8	1335.49	8.75		13372877
55	Galvanized steel	30	40	M8	1144.18	10	60	10041046
55	Galvanized steel	40	15	M8	8837.44	3.75		13372878
55	Galvanized steel	40	20	M8	2999.3	5	80	10041047
55	Galvanized steel	40	25	M8	2809.22	6.25		11053711
55	Galvanized steel	40	30	M8	1931.65	7.5	100	10041050
55	Galvanized steel	40	35	M8	1783.53	8.75		13372879
55	Galvanized steel	40	40	M8	1678.62	10	100	10041052
55	Galvanized steel	50	20	M10	5122.26	5		13372880
55	Galvanized steel	50	25	M10	4927.25	6.25		13372881
55	Galvanized steel	50	30	M10	4042.27	7.5	160	10041056
55	Galvanized steel	50	35	M10	3974.38	8.75		13372882
55	Galvanized steel	50	40	M10	2659.87	10	160	10041058
55	Galvanized steel	50	45	M10	2501.89	11.25	160	10041059
55	Galvanized steel	50	50	M10	2715.42	12.5		12147145
55	Galvanized steel	50	60	M10	3153.59	15		13372883
55	Galvanized steel	60	20	M10	10343.27	5		13372884
55	Galvanized steel	60	25	M10	7288.42	6.25		13372885
55	Galvanized steel	60	30	M10	5171.63	7.5		13372886
55	Galvanized steel	60	35	M10	6393.57	8.75		13372887
55	Galvanized steel	60	40	M10	4431.07	10		13372888
55	Galvanized steel	60	45	M10	5504.89	11.25	230	10041061
55	Galvanized steel	60	50	M10	4233.58	12.5		13372889
55	Galvanized steel	60	60	M10	5461.69	15		13372890
55	Galvanized steel	70	20	M10	25611.31	5		13372894
55	Galvanized steel	70	35	M10	10688.86	8.75		13372897
55	Galvanized steel	70	40	M10	8380.76	10		13372898

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		mm	mm		N	mm	dN	
55	Galvanized steel	70	45	M10	8714.02	11.25	310	10041064
55	Galvanized steel	75	20	M 12	25747.08	5		13372903
55	Galvanized steel	75	25	M 12	16095.01	6.25	350	10041066
55	Galvanized steel	75	30	M 12	14015.25	7.5		13372904
55	Galvanized steel	75	35	M 12	10793.78	8.75		13372905
55	Galvanized steel	75	40	M 12	8639.96	10	350	10041067
55	Galvanized steel	75	45	M 12	7837.68	11.25	350	10041068
55	Galvanized steel	75	50	M 12	7418.02	12.5	350	10041069
55	Galvanized steel	75	55	M 12	9133.67	13.75		10041072
55	Galvanized steel	75	60	M 12	8985.56	15	350	10041073
55	Galvanized steel	75	70	M 12	8417.79	17.5		13372906
55	Galvanized steel	80	30	M 12	16057.98	7.5		13372907
55	Galvanized steel	80	40	M 12	12268.74	10		13372908
55	Galvanized steel	80	50	M 12	12416.86	12.5		13372909
55	Galvanized steel	80	60	M 12	10750.58	15		13372910
55	Galvanized steel	80	80	M 12	9442.24	20		13372911
55	Galvanized steel	100	40	M 16	18279.69	10	630	10041078
55	Galvanized steel	100	45	M 16	20661.85	11.25		13372846
55	Galvanized steel	100	50	M 16	15391.47	12.5	630	10041079
55	Galvanized steel	100	55	M 16	15724.73	13.75		11277213
55	Galvanized steel	100	60	M 16	13935.02	15	630	10041081
55	Galvanized steel	100	75	M 16	11713.32	18.75	630	10041082
55	Galvanized steel	125	55	M 16	23772.23	13.75		12511575
55	Galvanized steel	150	75	M 16	29000	18.75	1410	10041085
55	Galvanized steel	6	7	M3	55	1.75		11193050
55	Galvanized steel	6	8	M3	52	2		13372893
55	Galvanized steel	6	10	M3	55.4	2.5		13372891
55	Galvanized steel	6	13	M3	50.8	3.25		13372892
55	Galvanized steel	8	6	M3	112.1	1.5		11030141
55	Galvanized steel	8	8	M3	63.7	2	4	10041016
55	Galvanized steel	8	10	M3	72.3	2.5		13372912
55	Galvanized steel	8	13	M3	74.3	3.25		13372913
55	Galvanized steel	8	15	M3	72	3.75		13372914
55	Galvanized steel	10	8	M4	127.5	2		13372851
55	Galvanized steel	10	10	M4	103.8	2.5	6	10041018
55	Galvanized steel	10	15	M4	101	3.75	6	10041019
55	Galvanized steel	10	18	M4	105.6	4.5		13372849
55	Galvanized steel	10	20	M4	114.8	5		13372850
55	Galvanized steel	15	10	M4	357	2.5		13372863
55	Galvanized steel	15	12	M4	327.8	3		13372864
55	Galvanized steel	15	15	M4	289.5	3.75		13372865
55	Galvanized steel	15	20	M4	249.8	5		13372867
55	Galvanized steel	20	10	M6	2320	2.5		13372869
55	Galvanized steel	20	13	M6	1220	3.25		13372870
55	Galvanized steel	20	15	M6	650	3.75	25	10041028
55	Galvanized steel	20	20	M6	522	5	25	10041029
55	Galvanized steel	20	25	M6	511	6.25		13372871
55	Galvanized steel	20	30	M6	505.9	7.5	25	10041031
55	Galvanized steel	25	10	M6				13372872
55	Galvanized steel	25	15	M6	2490	3.75	40	10041032
55	Galvanized steel	25	20	M6	893	5	40	10041033

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Hardness rubber	Material metal	Outside diameter	Outside height	Thread size	Compression Load at 25% compression	Compression Deflection (max)	Compression load (max)	Article
		mm	mm		N	mm	dN	
55	Galvanized steel	25	25	M6	649.23	6.25	40	10041034
55	Galvanized steel	25	30	M6	646.76	7.5		13372873
55	Galvanized steel	25	40	M6	859.06	10		13372874
55	Galvanized steel	100	30	M 16			630	10041077
55	Galvanized steel	100	35	M 16				13372845
55	Galvanized steel	100	100	M 16				13372844
55	Galvanized steel	125	60	M 16				13372855
55	Galvanized steel	150	55	M 16			1410	10041083
55	Galvanized steel	150	60	M 16			1410	10041084
55	Galvanized steel	150	100	M 16	29000	25		13372858
55	Galvanized steel	200	100	M20			2510	10041086

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