

**Product description**

The rails are made of natural rubber which is vulcanised to a single or double steel plate.

The rails come in 3 rubber hardnesses:

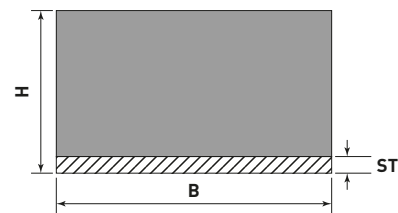
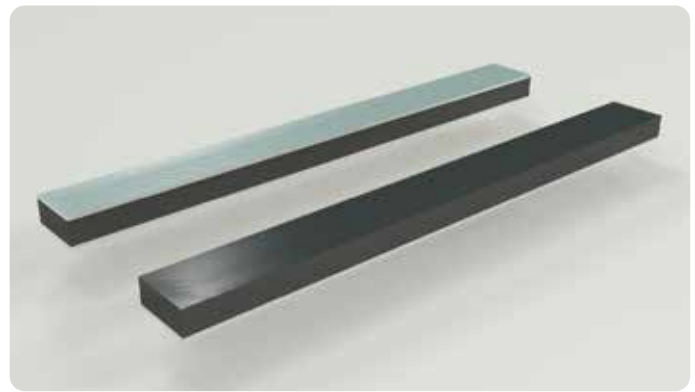
- 45 Sh(A)
- 55 Sh(A)
- 65 Sh(A)

The rails can also be made in stainless steel with Neoprene rubber, for use in oil-containing and ozone-containing environments.

**Application**

Our rails are particularly suited to damping extra large/heavy plants and machinery. Due to the great flexibility of the rails' design, the damping of foundations, lathes and elevators can be dimensioned individually.

It is possible to shorten the rails to the desired lengths, drill holes and cut threads in the steel parts for assembly.



GMS-1: A steel rail

Width W [mm]	Height H [mm]	Length [mm]	Steel thickness ST [mm]	Deflection S [mm] NOTE 1	45 Sh (A) Max. load [kg]	55 Sh(A) Max. load [kg]	65 Sh(A) Max. load [kg]
25	25	2000	5*,10	1	14	31	67
				3	45	100	216
				5	83	182	392
25	30	2000	5*,10	2	20	47	103
				4	44	99	217
				8	102	227	496
30	30	2000	5*,10	2	32	71	155
				4	68	152	329
				8	161	352	760
40	20	2000	5*,10	1	88	175	364
				3	313	618	1272
				5	648	1260	2573
40	35	2000	5*,10	3	76	168	363
				6	167	365	787
				9	279	604	1298
40	45	2000	5*,10	3	49	112	246
				6	105	237	517
				9	167	376	821
50	35	2000	5*,10	3	137	293	626
				6	303	644	1371
				9	515	1081	2291
50	40	2000	5*,10	3	105	229	493
				6	226	492	1058
				9	372	802	1719

Note 1  
Deflection S (mm) from the test pieces with the dimensions:  
[Length = 2 x width] and with the steel thickness marked with (\*)

GMS-1 (continued)

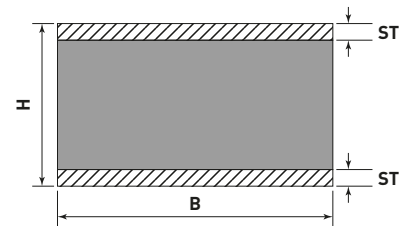
Width W [mm]	Height H [mm]	Length [mm]	Steel thickness ST [mm]	Deflection S [mm] NOTE 1	45 Sh(A) Max. load [kg]	55 Sh(A) Max. load [kg]	65 Sh(A) Max. load [kg]
50	45	2000	5*,10	3	85	188	408
				6	180	398	554
				9	290	637	1378
50	50	2000	5*,10	4	96	216	471
				8	206	462	1006
				12	337	749	1625
50	55	2000	5*,10	4	83	188	410
				8	176	397	868
				12	282	635	1385
60	30	2000	5.10*	1	168	330	677
				3	573	1116	2282
				5	1110	2143	4360
60	35	2000	5.10*,15	1	102	209	435
				3	336	680	1416
				5	621	1247	2585
60	50	2000	5.10*	4	183	398	856
				8	404	871	1866
				12	681	1453	3099
60	60	2000	5.10*,15	4	128	286	620
				8	273	607	1317
				12	442	976	2112
60	80	2000	5.10*	4	80	184	404
				8	167	381	838
				12	261	596	1307

Note 1  
Deflection S (mm) from the test pieces with the dimensions:  
[Length = 2 x width] and with the steel thickness marked with (\*)

GMS-1 (continued)

Width W [mm]	Height H [mm]	Length [mm]	Steel thickness ST [mm]	Deflection S [mm] NOTE 1	45 Sh(A) Max. load [kg]	55 Sh(A) Max. load [kg]	65 Sh(A) Max. load [kg]
70	30	2000	5.10*	1	280	539	1095
				3	966	1842	3725
				5	1888	3571	7186
70	45	2000	5.10*	2	170	355	752
				4	360	751	1585
				8	826	1702	3573
70	50	2000	5.10*	2	133	283	604
				4	278	591	1259
				8	618	1304	2766
70	60	2000	5.10*	4	188	413	891
				8	404	882	1900
				12	658	1427	3063
80	45	2000	5.10*	2	252	516	1081
				4	536	1095	2288
				8	1242	2505	5206
80	60	2000	5.10*	4	267	576	1234
				8	577	1237	2644
				12	945	2011	4285
80	80	2000	5.10*,15	4	156	351	764
				8	327	731	1591
				12	514	1147	2492
100	45	2000	10*,15	2	505	1000	2060
				4	1084	2137	4391
				8	2550	4969	10156
100	55	2000	10*,15	4	615	1264	2651
				8	1368	2786	5817
				12	2318	4675	9718
100	60	2000	10*,15	4	497	1038	2193
				8	1084	2250	4738
				12	1798	3699	7760
100	80	2000	5.10*,15	4	272	597	1287
				8	572	1249	2691
				12	905	1969	4335
120	45	2000	10.15*	2	1367	2579	5185
				4	3007	5648	11324
				8	7509	13959	27836
120	60	2000	10.15*	4	1081	2159	4464
				8	2426	4803	9893
				12	4157	8152	16714
120	80	2000	10.15*	4	505	1069	2272
				8	1074	2263	4800
				12	1725	3613	7644
150	60	2000	10.15*	4	2251	4345	8837
				8	5105	9751	19818
				12	8853	16821	33936
200	100	2000	15*	4	1320	2697	5640
				8	2781	5659	11812
				12	4412	8939	18618

Note 1  
Deflection S (mm) from the test pieces with the dimensions:  
[Length = 2 x width] and with the steel thickness marked with (\*)

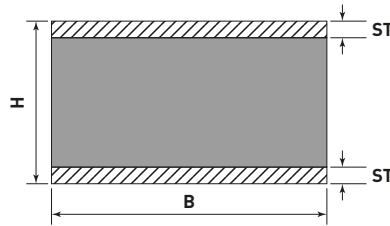


GMS-2: Two steel rails

Width W [mm]	Height H [mm]	Length [mm]	Steel thickness ST [mm]	Deflection S [mm] NOTE 1	45 Sh(A) Max. load [kg]	55 Sh(A) Max. load [kg]	65 Sh(A) Max. load [kg]
25	25	2000	5*,10	1	14	283	604
				3	45	591	1259
				5	83	1304	2766
25	30	2000	5*,10	2	20	47	103
				4	44	99	217
				8	102	227	496
30	30	2000	5*,10	2	32	71	155
				4	68	152	329
				8	161	352	760
40	20	2000	5*,10	1	88	175	364
				3	313	618	1272
				5	648	1260	2573
40	35	2000	5*,10	3	76	168	363
				6	167	365	787
				9	279	604	1298
40	45	2000	5*,10	3	49	112	246
				6	105	237	517
				9	167	376	821
50	35	2000	5*,10	3	137	293	626
				6	303	644	1371
				9	515	1081	2291
50	40	2000	5*,10	3	105	229	493
				6	226	492	1058
				9	372	802	1719

Note 1  
Deflection S (mm) from the test pieces with the dimensions:  
[Length = 2 x width] and with the steel thickness marked with (\*)

CONE AND SANDWICH MOUNTS, END



GMS-2 (continued)

Width W [mm]	Height H [mm]	Length [mm]	Steel thickness ST [mm]	Deflection S [mm] NOTE 1	45 Sh(A) Max. load [kg]	55 Sh(A) Max. load [kg]	65 Sh(A) Max. load [kg]
50	45	2000	5*,10	3	85	188	408
				6	180	398	554
				9	290	637	1378
50	50	2000	5*,10	4	96	216	471
				8	206	462	1006
				12	337	749	1625
50	55	2000	5*,10	4	83	188	410
				8	176	397	868
				12	282	635	1385
60	30	2000	5.10*	1	168	330	677
				3	573	1116	2282
				5	1110	2143	4360
60	35	2000	5.10*,15	1	102	209	435
				3	336	680	1416
				5	621	1247	2585
60	50	2000	5.10*	4	183	398	856
				8	404	871	1866
				12	681	1453	3099
60	60	2000	5.10*,15	4	128	286	620
				8	273	607	1317
				12	442	976	2112
60	80	2000	5.10*	4	80	184	404
				8	167	381	838
				12	261	596	1307
70	30	2000	5.10*	1	280	539	1095
				3	966	1842	3725
				5	1888	3571	7186
70	45	2000	5.10*	2	170	355	752
				4	360	751	1585
				8	826	1702	3573
70	50	2000	5.10*	2	133	283	604
				4	278	591	1259
				8	618	1304	2766
70	60	2000	5.10*	4	188	413	891
				8	404	882	1900
				12	658	1427	3063
80	45	2000	5.10*	2	252	516	1081
				4	536	1095	2288
				8	1242	2505	5206

Note 1  
Deflection S (mm) from the test pieces with the dimensions:  
[Length = 2 x width] and with the steel thickness marked with (\*)

GMS-2 (continued)

Width W [mm]	Height H [mm]	Length [mm]	Steel thickness ST [mm]	Deflection S [mm] NOTE 1	45 Sh(A) Max. load [kg]	55 Sh(A) Max. load [kg]	65 Sh(A) Max. load [kg]
80	60	2000	5.10*	4	267	576	1234
				8	577	1237	2644
				12	945	2011	4285
80	80	2000	5.10*,15	4	156	351	764
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				8	2550	4969	10156
100	55	2000	10*,15	4	615	1264	2651
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				8	1084	2250	4738
				12	1798	3699	7760
100	80	2000	5.10*,15	4	272	597	1287
				8	572	1249	2691
				12	905	1969	4335
120	45	2000	10.15*	4	1367	2579	5185
				8	3007	5648	11324
				12	7509	13959	27836
120	60	2000	10.15*	2	1081	2159	4464
				4	2426	4803	9893
				8	4157	8152	16714
120	80	2000	10.15*	4	505	1069	2272
				8	1074	2263	4800
				12	1725	3613	7644
150	60	2000	10.15*	4	2251	413	891
				8	5105	882	1900
				12	8853	1427	3063
200	100	2000	15*	4	1320	2697	5640
				8	2781	5659	11812
				12	4412	8939	18618

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Deflection S (mm) from the test pieces with the dimensions:  
[Length = 2 x width] and with the steel thickness marked with (\*)