
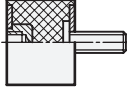
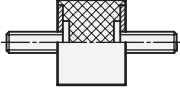




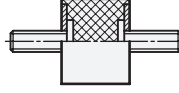
Resilience Characteristics


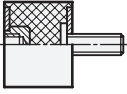
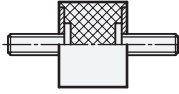
for Vibration Isolation Mounts GN 351 / GN 451

GN 351 / GN 451		Type EE			Type ES			Type SS		
Resilience characteristics for 40 Shore hardness under axial, static compression load.										
		Dimensions in: millimeters - inches								
d ₁	h	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection
8 0.31	8 0.31	25 N/mm 143 lbf/in	50 N 11 lbf	2 0.08	25 N/mm 143 lbf/in	50 N 11 lbf	2 0.08	25 N/mm 143 lbf/in	50 N 11 lbf	2 0.08
8 0.31	13 0.51	13 N/mm 74 lbf/in	43 N 10 lbf	3.25 0.13	12 N/mm 69 lbf/in	38 N 9 lbf	3.25 0.13	10 N/mm 57 lbf/in	32 N 7 lbf	3.25 0.13
10 0.39	10 0.39	28 N/mm 160 lbf/in	56 N 12 lbf	2 0.08	30 N/mm 171 lbf/in	75 N 17 lbf	2.5 0.10	30 N/mm 171 lbf/in	75 N 17 lbf	2.5 0.10
10 0.39	15 0.59	17 N/mm 97 lbf/in	65 N 15 lbf	3.75 0.15	17 N/mm 97 lbf/in	65 N 15 lbf	3.75 0.15	17 N/mm 97 lbf/in	65 N 15 lbf	3.75 0.15
10 0.39	20 0.79	15 N/mm 86 lbf/in	73 N 16 lbf	5 0.20	12 N/mm 69 lbf/in	59 N 13 lbf	5 0.20	11 N/mm 63 lbf/in	57 N 13 lbf	5 0.20
15 0.59	10 0.39	83 N/mm 474 lbf/in	195 N 44 lbf	2 0.08	84 N/mm 480 lbf/in	210 N 47 lbf	2.5 0.10	84 N/mm 480 lbf/in	210 N 47 lbf	2.5 0.10
15 0.59	15 0.59	41 N/mm 234 lbf/in	155 N 35 lbf	3.75 0.15	41 N/mm 234 lbf/in	155 N 35 lbf	3.75 0.15	41 N/mm 234 lbf/in	155 N 35 lbf	3.75 0.15
15 0.59	20 0.79	30 N/mm 171 lbf/in	150 N 34 lbf	5 0.20	30 N/mm 171 lbf/in	150 N 34 lbf	5 0.20	30 N/mm 171 lbf/in	150 N 34 lbf	5 0.20
15 0.59	25 0.98	-	-	-	21 N/mm 120 lbf/in	130 N 29 lbf	6.25 0.25	20 N/mm 114 lbf/in	125 N 28 lbf	6.25 0.25
20 0.79	15 0.59	120 N/mm 685 lbf/in	175 N 39 lbf	1.5 0.06	86 N/mm 491 lbf/in	320 N 72 lbf	3.75 0.15	86 N/mm 491 lbf/in	320 N 72 lbf	3.75 0.15
20 0.79	20 0.79	44 N/mm 251 lbf/in	220 N 50 lbf	5 0.20	44 N/mm 251 lbf/in	220 N 50 lbf	5 0.20	44 N/mm 251 lbf/in	220 N 50 lbf	5 0.20
20 0.79	25 0.98	42 N/mm 240 lbf/in	265 N 60 lbf	6.25 0.25	42 N/mm 240 lbf/in	265 N 60 lbf	6.25 0.25	42 N/mm 240 lbf/in	265 N 60 lbf	6.25 0.25
20 0.79	30 1.18	-	-	-	38 N/mm 217 lbf/in	285 N 64 lbf	7.5 0.30	38 N/mm 217 lbf/in	285 N 64 lbf	7.5 0.30
25 0.98	15 0.59	-	-	-	230 N/mm 1313 lbf/in	860 N 193 lbf	3.75 0.15	230 N/mm 1313 lbf/in	860 N 193 lbf	3.75 0.15
25 0.98	20 0.79	78 N/mm 445 lbf/in	390 N 88 lbf	5 0.20	78 N/mm 445 lbf/in	390 N 88 lbf	5 0.20	80 N/mm 457 lbf/in	390 N 88 lbf	5 0.20
25 0.98	25 0.98	71 N/mm 405 lbf/in	440 N 99 lbf	6.25 0.25	-	-	-	-	-	-
25 0.98	30 1.18	58 N/mm 331 lbf/in	430 N 97 lbf	7.5 0.30	58 N/mm 331 lbf/in	430 N 97 lbf	7.5 0.30	60 N/mm 343 lbf/in	430 N 97 lbf	7.5 0.30
30 1.18	15 0.59	-	-	-	260 N/mm 1485 lbf/in	985 N 221 lbf	3.75 0.15	265 N/mm 1513 lbf/in	985 N 221 lbf	3.75 0.15
30 1.18	20 0.79	1100 N/mm 6282 lbf/in	770 N 173 lbf	0.7 0.03	155 N/mm 885 lbf/in	770 N 173 lbf	5 0.20	-	-	-
30 1.18	30 1.18	67 N/mm 383 lbf/in	500 N 112 lbf	7.5 0.30	65 N/mm 371 lbf/in	500 N 112 lbf	7.5 0.30	65 N/mm 371 lbf/in	500 N 112 lbf	7.5 0.30
30 1.18	40 1.57	63 N/mm 360 lbf/in	630 N 142 lbf	10 0.39	65 N/mm 371 lbf/in	630 N 142 lbf	10 0.39	65 N/mm 371 lbf/in	630 N 142 lbf	10 0.39
40 1.57	20 0.79	1040 N/mm 5939 lbf/in	2400 N 540 lbf	2.25 0.09	360 N/mm 2056 lbf/in	1800 N 405 lbf	5 0.20	360 N/mm 2056 lbf/in	1800 N 405 lbf	5 0.20
40 1.57	30 1.18	150 N/mm 857 lbf/in	1140 N 256 lbf	7.5 0.30	150 N/mm 857 lbf/in	1140 N 256 lbf	7.5 0.30	150 N/mm 857 lbf/in	1140 N 256 lbf	7.5 0.30
40 1.57	40 1.57	106 N/mm 605 lbf/in	1050 N 236 lbf	10 0.39	105 N/mm 600 lbf/in	1060 N 238 lbf	10 0.39	105 N/mm 600 lbf/in	1060 N 238 lbf	10 0.39
50 1.97	20 0.79	-	-	-	605 N/mm 3455 lbf/in	3030 N 681 lbf	5 0.20	605 N/mm 3455 lbf/in	3030 N 681 lbf	5 0.20
50 1.97	30 1.18	270 N/mm 1542 lbf/in	2010 N 452 lbf	7.5 0.30	270 N/mm 1542 lbf/in	2010 N 452 lbf	7.5 0.30	270 N/mm 1542 lbf/in	2010 N 452 lbf	7.5 0.30
50 1.97	40 1.57	150 N/mm 857 lbf/in	1480 N 333 lbf	10 0.39	150 N/mm 857 lbf/in	1480 N 333 lbf	10 0.39	150 N/mm 857 lbf/in	1480 N 333 lbf	10 0.39
50 1.97	50 1.97	120 N/mm 685 lbf/in	1500 N 337 lbf	12.5 0.49	120 N/mm 685 lbf/in	1500 N 337 lbf	12.5 0.49	120 N/mm 685 lbf/in	1500 N 337 lbf	12.5 0.49



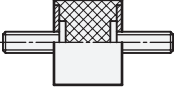


Resilience Characteristics for Vibration Isolation Mounts GN 351 / GN 451 continued (2/5)

GN 351 / GN 451		Type EE			Type ES			Type SS		
Resilience characteristics for 40 Shore hardness under axial, static compression load.										
		Dimensions in: millimeters - inches								
d ₁	h	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection
60 2.36	30 1.18	400 N/mm 2284 lbf/in	3020 N 679 lbf	7.5 0.30	405 N/mm 2313 lbf/in	3020 N 679 lbf	7.5 0.30	405 N/mm 2313 lbf/in	3020 N 679 lbf	7.5 0.30
60 2.36	40 1.57	250 N/mm 1428 lbf/in	2520 N 567 lbf	10 0.39	250 N/mm 1428 lbf/in	2520 N 567 lbf	10 0.39	250 N/mm 1428 lbf/in	2520 N 567 lbf	10 0.39
60 2.36	50 1.97	200 N/mm 1142 lbf/in	2740 N 616 lbf	13.75 0.54	210 N/mm 1199 lbf/in	2890 N 650 lbf	13.75 0.54	190 N/mm 1085 lbf/in	2620 N 589 lbf	13.75 0.54
70 2.76	30 1.18	3200 N/mm 18274 lbf/in	11200 N 2518 lbf	3.5 0.14	860 N/mm 4911 lbf/in	6020 N 1353 lbf	7 0.28	860 N/mm 4911 lbf/in	6000 N 1349 lbf	7 0.28
70 2.76	45 1.77	340 N/mm 1942 lbf/in	3810 N 857 lbf	11.25 0.44	340 N/mm 1942 lbf/in	3810 N 857 lbf	11.25 0.44	340 N/mm 1942 lbf/in	3810 N 857 lbf	11.25 0.44
75 2.95	25 0.98	-	-	-	1760 N/mm 10050 lbf/in	11000 N 2473 lbf	6.25 0.25	1760 N/mm 10050 lbf/in	11000 N 2473 lbf	6.25 0.25
75 2.95	30 1.18	2940 N/mm 16789 lbf/in	9700 N 2181 lbf	3.25 0.13	-	-	-	-	-	-
75 2.95	40 1.57	490 N/mm 2798 lbf/in	4910 N 1104 lbf	10 0.39	590 N/mm 3369 lbf/in	49110 N 11040 lbf	10 0.39	490 N/mm 2798 lbf/in	4910 N 1104 lbf	10 0.39
75 2.95	55 2.17	250 N/mm 1428 lbf/in	3470 N 780 lbf	13.75 0.54	250 N/mm 1428 lbf/in	3470 N 780 lbf	13.75 0.54	250 N/mm 1428 lbf/in	3470 N 780 lbf	13.75 0.54
100 3.94	40 1.57	1310 N/mm 7481 lbf/in	10500 N 2360 lbf	8 0.31	1400 N/mm 7995 lbf/in	13990 N 3145 lbf	10 0.39	1400 N/mm 7995 lbf/in	13990 N 3145 lbf	10 0.39
100 3.94	55 2.17	530 N/mm 3027 lbf/in	7320 N 1646 lbf	13.75 0.54	530 N/mm 3027 lbf/in	7320 N 1646 lbf	13.75 0.54	530 N/mm 3027 lbf/in	7320 N 1646 lbf	13.75 0.54
100 3.94	75 2.95	415 N/mm 2370 lbf/in	7790 N 1751 lbf	18.75 0.74	415 N/mm 2370 lbf/in	7790 N 1751 lbf	18.75 0.74	415 N/mm 2370 lbf/in	7790 N 1751 lbf	18.75 0.74
125 4.92	55 2.17	1320 N/mm 7538 lbf/in	18200 N 4092 lbf	13.75 0.54	1250 N/mm 7138 lbf/in	17500 N 3934 lbf	13.75 0.54	1250 N/mm 7138 lbf/in	17250 N 3878 lbf	13.75 0.54
125 4.92	75 2.95	710 N/mm 4054 lbf/in	13300 N 2990 lbf	18.75 0.74	650 N/mm 3712 lbf/in	12700 N 2855 lbf	18.75 0.74	650 N/mm 3712 lbf/in	12200 N 2743 lbf	18.75 0.74



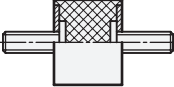
GN 351 / GN 451		Type EE			Type ES			Type SS		
Resilience characteristics for 55 Shore hardness under axial, static compression load.										
		Dimensions in: millimeters - inches								
d ₁	h	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection
8 0.31	8 0.31	43 N/mm 246 lbf/in	85 N 19 lbf	2 0.08	43 N/mm 246 lbf/in	85 N 19 lbf	2 0.08	43 N/mm 246 lbf/in	85 N 19 lbf	2 0.08
8 0.31	13 0.51	23 N/mm 131 lbf/in	75 N 17 lbf	3.25 0.13	21 N/mm 120 lbf/in	69 N 16 lbf	3.25 0.13	19 N/mm 108 lbf/in	63 N 14 lbf	3.25 0.13
10 0.39	10 0.39	35 N/mm 200 lbf/in	70 N 16 lbf	2 0.08	40 N/mm 228 lbf/in	100 N 23 lbf	2.5 0.10	40 N/mm 228 lbf/in	100 N 23 lbf	2.5 0.10
10 0.39	15 0.59	27 N/mm 154 lbf/in	100 N 23 lbf	3.75 0.15	27 N/mm 154 lbf/in	100 N 23 lbf	3.75 0.15	27 N/mm 154 lbf/in	100 N 23 lbf	3.75 0.15
10 0.39	20 0.79	22 N/mm 126 lbf/in	110 N 25 lbf	5 0.20	20 N/mm 114 lbf/in	99 N 22 lbf	5 0.20	18 N/mm 103 lbf/in	93 N 21 lbf	5 0.20
15 0.59	10 0.39	155 N/mm 885 lbf/in	315 N 71 lbf	2 0.08	130 N/mm 742 lbf/in	325 N 73 lbf	2.5 0.10	130 N/mm 742 lbf/in	325 N 73 lbf	2.5 0.10
15 0.59	15 0.59	75 N/mm 428 lbf/in	280 N 63 lbf	3.75 0.15	75 N/mm 428 lbf/in	280 N 63 lbf	3.75 0.15	75 N/mm 428 lbf/in	280 N 63 lbf	3.75 0.15
15 0.59	20 0.79	47 N/mm 268 lbf/in	238 N 54 lbf	5 0.20	47 N/mm 268 lbf/in	235 N 53 lbf	5 0.20	47 N/mm 268 lbf/in	235 N 53 lbf	5 0.20



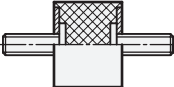
Resilience Characteristics for Vibration Isolation Mounts GN 351 / GN 451 continued (3/5)

GN 351 / GN 451		Type EE			Type ES			Type SS		
Resilience characteristics for 55 Shore hardness under axial, static compression load.										
Dimensions in: millimeters - inches										
d₁	h	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection
15 0.59	25 0.98	-	-	-	37 N/mm 211 lbf/in	235 N 53 lbf	6.25 0.25	37 N/mm 211 lbf/in	235 N 53 lbf	6.25 0.25
20 0.79	15 0.59	150 N/mm 857 lbf/in	230 N 52 lbf	1.5 0.06	130 N/mm 742 lbf/in	480 N 108 lbf	3.75 0.15	130 N/mm 742 lbf/in	480 N 108 lbf	3.75 0.15
20 0.79	20 0.79	86 N/mm 491 lbf/in	430 N 97 lbf	5 0.20	85 N/mm 485 lbf/in	430 N 97 lbf	5 0.20	86 N/mm 491 lbf/in	430 N 97 lbf	5 0.20
20 0.79	25 0.98	69 N/mm 394 lbf/in	435 N 98 lbf	6.25 0.25	69 N/mm 394 lbf/in	435 N 98 lbf	6.25 0.25	69 N/mm 394 lbf/in	435 N 98 lbf	6.25 0.25
20 0.79	30 1.18	-	-	-	56 N/mm 320 lbf/in	420 N 94 lbf	7.5 0.30	56 N/mm 320 lbf/in	415 N 93 lbf	7.5 0.30
25 0.98	15 0.59	-	-	-	285 N/mm 1627 lbf/in	1070 N 241 lbf	3.75 0.15	285 N/mm 1627 lbf/in	1070 N 241 lbf	3.75 0.15
25 0.98	20 0.79	125 N/mm 714 lbf/in	620 N 139 lbf	5 0.20	125 N/mm 714 lbf/in	620 N 139 lbf	5 0.20	125 N/mm 714 lbf/in	620 N 139 lbf	5 0.20
25 0.98	25 0.98	85 N/mm 485 lbf/in	530 N 119 lbf	6.25 0.25	-	-	-	-	-	-
25 0.98	30 1.18	70 N/mm 400 lbf/in	525 N 118 lbf	7.5 2.95	70 N/mm 400 lbf/in	525 N 118 lbf	7.5 0.30	70 N/mm 400 lbf/in	525 N 118 lbf	7.5 0.30
30 1.18	15 0.59	-	-	-	555 N/mm 3169 lbf/in	2080 N 468 lbf	7.5 0.30	555 N/mm 3169 lbf/in	2080 N 468 lbf	7.5 0.30
30 1.18	20 0.79	1520 N/mm 8680 lbf/in	1060 N 238 lbf	0.7 0.03	215 N/mm 1228 lbf/in	1070 N 241 lbf	5 0.20	-	-	-
30 1.18	30 1.18	140 N/mm 799 lbf/in	1055 N 237 lbf	7.5 0.30	140 N/mm 799 lbf/in	1055 N 237 lbf	7.5 0.30	140 N/mm 799 lbf/in	1050 N 236 lbf	7.5 0.30
30 1.18	40 1.57	93 N/mm 531 lbf/in	930 N 209 lbf	10 0.39	95 N/mm 542 lbf/in	930 N 209 lbf	10 0.39	93 N/mm 531 lbf/in	930 N 209 lbf	10 0.39
40 1.57	20 0.79	530 N/mm 3027 lbf/in	2650 N 596 lbf	5 0.20	485 N/mm 2770 lbf/in	2430 N 546 lbf	5 0.20	485 N/mm 2770 lbf/in	2430 N 546 lbf	5 0.20
40 1.57	30 1.18	210 N/mm 1199 lbf/in	1575 N 354 lbf	7.5 0.30	210 N/mm 1199 lbf/in	1570 N 353 lbf	7.5 0.30	210 N/mm 1199 lbf/in	1570 N 353 lbf	7.5 0.30
40 1.57	40 1.57	140 N/mm 799 lbf/in	1400 N 315 lbf	10 0.39	140 N/mm 799 lbf/in	1400 N 315 lbf	10 0.39	140 N/mm 799 lbf/in	1400 N 315 lbf	10 0.39
50 1.97	20 0.79	-	-	-	820 N/mm 4683 lbf/in	4100 N 922 lbf	5 0.20	820 N/mm 4683 lbf/in	4100 N 922 lbf	5 0.20
50 1.97	30 1.18	440 N/mm 2513 lbf/in	3300 N 742 lbf	7.5 0.30	440 N/mm 2513 lbf/in	3300 N 742 lbf	7.5 0.30	440 N/mm 2513 lbf/in	3300 N 742 lbf	7.5 0.30
50 1.97	40 1.57	215 N/mm 1228 lbf/in	2130 N 479 lbf	10 0.39	215 N/mm 1228 lbf/in	2130 N 479 lbf	10 0.39	215 N/mm 1228 lbf/in	2130 N 479 lbf	10 0.39
50 1.97	50 1.97	175 N/mm 999 lbf/in	2190 N 492 lbf	12.5 0.49	175 N/mm 999 lbf/in	2190 N 492 lbf	12.5 0.49	175 N/mm 999 lbf/in	2190 N 492 lbf	12.5 0.49
60 2.36	30 1.18	555 N/mm 3169 lbf/in	4170 N 937 lbf	7.5 0.30	555 N/mm 3169 lbf/in	4170 N 937 lbf	7.5 0.30	555 N/mm 3169 lbf/in	4170 N 937 lbf	7.5 0.30
60 2.36	40 1.57	360 N/mm 2056 lbf/in	3610 N 812 lbf	10 0.39	360 N/mm 2056 lbf/in	3610 N 812 lbf	10 0.39	360 N/mm 2056 lbf/in	3610 N 812 lbf	10 0.39
60 2.36	50 1.97	275 N/mm 1570 lbf/in	3410 N 767 lbf	12.5 0.49	275 N/mm 1570 lbf/in	3410 N 767 lbf	12.5 0.49	275 N/mm 1570 lbf/in	3410 N 767 lbf	12.5 0.49
70 2.76	30 1.18	1225 N/mm 6995 lbf/in	4900 N 1102 lbf	4 0.16	1140 N/mm 6510 lbf/in	8570 N 1927 lbf	7.5 0.30	1140 N/mm 6510 lbf/in	8570 N 1927 lbf	7.5 0.30
70 2.76	45 1.77	635 N/mm 3626 lbf/in	7130 N 1603 lbf	11.25 0.44	635 N/mm 3626 lbf/in	7130 N 1603 lbf	11.25 0.44	635 N/mm 3626 lbf/in	7130 N 1603 lbf	11.25 0.44
75 2.95	25 0.98	-	-	-	2075 N/mm 11849 lbf/in	12970 N 2916 lbf	6.25 0.25	2075 N/mm 11849 lbf/in	12970 N 2916 lbf	6.25 0.25
75 2.95	30 1.18	3190 N/mm 18216 lbf/in	9895 N 2224 lbf	3 0.12	-	-	-	-	-	-
75 2.95	40 1.57	700 N/mm 3997 lbf/in	6970 N 1567 lbf	10 0.39	700 N/mm 3997 lbf/in	6970 N 1567 lbf	10 0.39	700 N/mm 3997 lbf/in	6970 N 1567 lbf	10 0.39


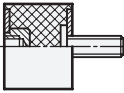
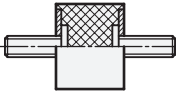


Resilience Characteristics for Vibration Isolation Mounts GN 351 / GN 451 continued (4/5)

GN 351 / GN 451		Type EE			Type ES			Type SS		
Resilience characteristics for 55 Shore hardness under axial, static compression load.										
		Dimensions in: millimeters - inches								
d₁	h	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection
75 2.95	55 2.17	545 N/mm 3112 lbf/in	7510 N 1688 lbf	13.75 0.54	545 N/mm 3112 lbf/in	7510 N 1688 lbf	13.75 0.54	545 N/mm 3112 lbf/in	7510 N 1688 lbf	13.75 0.54
100 3.94	40 1.57	1925 N/mm 10993 lbf/in	15400 N 3462 lbf	8 0.31	2000 N/mm 11421 lbf/in	20000 N 4496 lbf	10 0.39	2000 N/mm 11421 lbf/in	20000 N 4496 lbf	10 0.39
100 3.94	55 2.17	950 N/mm 5425 lbf/in	13080 N 2941 lbf	13.75 0.54	950 N/mm 5425 lbf/in	13080 N 2941 lbf	13.75 0.54	950 N/mm 5425 lbf/in	13080 N 2941 lbf	13.75 0.54
100 3.94	75 2.95	515 N/mm 2941 lbf/in	9640 N 2167 lbf	18.75 0.74	515 N/mm 2941 lbf/in	9640 N 2167 lbf	18.75 0.74	515 N/mm 2941 lbf/in	9640 N 2167 lbf	18.75 0.74
125 4.92	55 2.17	1400 N/mm 7995 lbf/in	19260 N 4330 lbf	13.75 0.54	1400 N/mm 7995 lbf/in	19260 N 4330 lbf	13.75 0.54	1400 N/mm 7995 lbf/in	19260 N 4330 lbf	13.75 0.54
125 4.92	75 2.95	1035 N/mm 5910 lbf/in	19440 N 4370 lbf	18.75 0.74	1035 N/mm 5910 lbf/in	19440 N 4370 lbf	18.75 0.74	1035 N/mm 5910 lbf/in	19440 N 4370 lbf	18.75 0.74

GN 351 / GN 451		Type EE			Type ES			Type SS		
Resilience characteristics for 70 Shore hardness under axial, static compression load.										
		Dimensions in: millimeters - inches								
d₁	h	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection
8 0.31	8 0.31	75 N/mm 428 lbf/in	150 N 34 lbf	2 0.08	75 N/mm 428 lbf/in	150 N 34 lbf	2 0.08	75 N/mm 428 lbf/in	150 N 34 lbf	2 0.08
8 0.31	13 0.51	47 N/mm 268 lbf/in	150 N 34 lbf	3.25 0.13	45 N/mm 257 lbf/in	145 N 33 lbf	3.25 0.13	41 N/mm 234 lbf/in	130 N 29 lbf	3.25 0.13
10 0.39	10 0.39	83 N/mm 474 lbf/in	165 N 37 lbf	2 0.08	80 N/mm 457 lbf/in	200 N 45 lbf	2.5 0.10	80 N/mm 457 lbf/in	200 N 45 lbf	2.5 0.10
10 0.39	15 0.59	40 N/mm 228 lbf/in	150 N 34 lbf	3.75 0.15	40 N/mm 228 lbf/in	150 N 34 lbf	3.75 0.15	40 N/mm 228 lbf/in	56 N 13 lbf	1.4 0.06
10 0.39	20 0.79	20 N/mm 114 lbf/in	100 N 23 lbf	5 0.20	19 N/mm 108 lbf/in	96 N 22 lbf	5 0.20	18 N/mm 103 lbf/in	88 N 20 lbf	5 0.20
15 0.59	10 0.39	290 N/mm 1656 lbf/in	580 N 130 lbf	2 0.08	290 N/mm 1656 lbf/in	715 N 161 lbf	2.5 0.10	290 N/mm 1656 lbf/in	715 N 161 lbf	2.5 0.10
15 0.59	15 0.59	135 N/mm 771 lbf/in	515 N 116 lbf	3.75 0.15	140 N/mm 799 lbf/in	515 N 116 lbf	3.75 0.15	140 N/mm 799 lbf/in	515 N 116 lbf	3.75 0.15
15 0.59	20 0.79	94 N/mm 537 lbf/in	470 N 106 lbf	5 0.20	94 N/mm 537 lbf/in	470 N 106 lbf	5 0.20	94 N/mm 537 lbf/in	470 N 106 lbf	5 0.20
15 0.59	25 0.98	-	-	-	81 N/mm 463 lbf/in	505 N 114 lbf	6.25 0.25	80 N/mm 457 lbf/in	500 N 112 lbf	6.25 0.25
20 0.79	15 0.59	365 N/mm 2084 lbf/in	550 N 124 lbf	1.5 0.06	280 N/mm 1599 lbf/in	1040 N 234 lbf	3.75 0.15	280 N/mm 1599 lbf/in	1040 N 234 lbf	3.75 0.15
20 0.79	20 0.79	200 N/mm 1142 lbf/in	955 N 215 lbf	5 0.20	200 N/mm 1142 lbf/in	955 N 215 lbf	5 0.20	200 N/mm 1142 lbf/in	955 N 215 lbf	5 0.20
20 0.79	25 0.98	160 N/mm 914 lbf/in	1010 N 227 lbf	6.25 0.25	160 N/mm 914 lbf/in	1010 N 227 lbf	6.25 0.25	160 N/mm 914 lbf/in	1010 N 227 lbf	6.25 0.25
20 0.79	30 1.18	-	-	-	160 N/mm 914 lbf/in	1210 N 272 lbf	7.5 0.30	130 N/mm 742 lbf/in	980 N 220 lbf	7.5 0.30
25 0.98	15 0.59	-	-	-	715 N/mm 4083 lbf/in	2690 N 605 lbf	3.75 0.15	715 N/mm 4083 lbf/in	2690 N 605 lbf	3.75 0.15
25 0.98	20 0.79	305 N/mm 1742 lbf/in	1535 N 345 lbf	5 0.20	305 N/mm 1742 lbf/in	1530 N 344 lbf	5 0.20	305 N/mm 1742 lbf/in	1530 N 344 lbf	5 0.20
25 0.98	25 0.98	220 N/mm 1256 lbf/in	1370 N 308 lbf	6.25 0.25	-	-	-	-	-	-

Resilience Characteristics for Vibration Isolation Mounts GN 351 / GN 451 continued (4/5)

GN 351 / GN 451		Type EE			Type ES			Type SS		
Resilience characteristics for 70 Shore hardness under axial, static compression load.										
		Dimensions in: millimeters - inches								
d ₁	h	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection	Spring rate ≈	Max. load	Max. deflection
25 0.98	30 1.18	160 N/mm 914 lbf/in	1210 N 272 lbf	7.5 0.30	160 N/mm 914 lbf/in	1210 N 272 lbf	7.5 0.30	160 N/mm 914 lbf/in	1210 N 272 lbf	7.5 0.30
30 1.18	15 0.59	-	-	-	880 N/mm 5025 lbf/in	3300 N 742 lbf	3.75 0.15	880 N/mm 5025 lbf/in	3300 N 742 lbf	3.75 0.15
30 1.18	20 0.79	3230 N/mm 18445 lbf/in	2260 N 508 lbf	0.7 0.03	450 N/mm 2570 lbf/in	2260 N 508 lbf	5 0.20	-	-	-
30 1.18	30 1.18	260 N/mm 1485 lbf/in	1690 N 380 lbf	7.5 0.30	260 N/mm 1485 lbf/in	490 N 110 lbf	2 0.08	260 N/mm 1485 lbf/in	490 N 110 lbf	2 0.08
30 1.18	40 1.57	200 N/mm 1142 lbf/in	2000 N 450 lbf	10 0.39	200 N/mm 1142 lbf/in	2000 N 450 lbf	10 0.39	200 N/mm 1142 lbf/in	2000 N 450 lbf	10 0.39
40 1.57	20 0.79	2820 N/mm 16104 lbf/in	6200 N 1394 lbf	2.25 0.09	890 N/mm 5082 lbf/in	4450 N 1000 lbf	5 0.20	890 N/mm 5082 lbf/in	4450 N 1000 lbf	5 0.20
40 1.57	30 1.18	455 N/mm 2598 lbf/in	3420 N 769 lbf	7.5 0.30	455 N/mm 2598 lbf/in	3420 N 769 lbf	7.5 0.30	455 N/mm 2598 lbf/in	3420 N 769 lbf	7.5 0.30
40 1.57	40 1.57	320 N/mm 1827 lbf/in	3190 N 717 lbf	10 0.39	320 N/mm 1827 lbf/in	3190 N 717 lbf	10 0.39	320 N/mm 1827 lbf/in	3190 N 717 lbf	10 0.39
50 1.97	20 0.79	-	-	-	1850 N/mm 10564 lbf/in	9240 N 2077 lbf	5 0.20	1850 N/mm 10564 lbf/in	9240 N 2077 lbf	5 0.20
50 1.97	30 1.18	725 N/mm 4140 lbf/in	5450 N 1225 lbf	7.5 0.30	725 N/mm 4140 lbf/in	5450 N 1225 lbf	7.5 0.30	725 N/mm 4140 lbf/in	5450 N 1225 lbf	7.5 0.30
50 1.97	40 1.57	495 N/mm 2827 lbf/in	4940 N 1111 lbf	10 0.39	495 N/mm 2827 lbf/in	4940 N 1111 lbf	10 0.39	495 N/mm 2827 lbf/in	4940 N 1111 lbf	10 0.39
50 1.97	50 1.97	420 N/mm 2398 lbf/in	4750 N 1068 lbf	11.25 0.44	380 N/mm 2170 lbf/in	4750 N 1068 lbf	12.5 0.49	380 N/mm 2170 lbf/in	4750 N 1068 lbf	12.5 0.49
60 2.36	30 1.18	1220 N/mm 6967 lbf/in	9130 N 2053 lbf	7.5 0.30	1215 N/mm 6938 lbf/in	9130 N 2053 lbf	7.5 0.30	1215 N/mm 6938 lbf/in	9130 N 2053 lbf	7.5 0.30
60 2.36	40 1.57	695 N/mm 3969 lbf/in	6950 N 1562 lbf	10 0.39	695 N/mm 3969 lbf/in	6950 N 1562 lbf	10 0.39	695 N/mm 3969 lbf/in	6950 N 1562 lbf	10 0.39
60 2.36	50 1.97	715 N/mm 4083 lbf/in	7125 N 1602 lbf	10 0.39	525 N/mm 2998 lbf/in	6570 N 1477 lbf	12.5 0.49	525 N/mm 2998 lbf/in	6570 N 1477 lbf	12.5 0.49
70 2.76	30 1.18	2420 N/mm 13819 lbf/in	7250 N 1630 lbf	3 0.12	3380 N/mm 19301 lbf/in	24010 N 5398 lbf	7 0.28	3380 N/mm 19301 lbf/in	24010 N 5398 lbf	7 0.28
70 2.76	45 1.77	1170 N/mm 6681 lbf/in	13210 N 2970 lbf	11.25 0.44	1170 N/mm 6681 lbf/in	13210 N 2970 lbf	11.25 0.44	1170 N/mm 6681 lbf/in	13210 N 2970 lbf	11.25 0.44
75 2.95	25 0.98	-	-	-	4000 N/mm 22842 lbf/in	25000 N 5620 lbf	6.25 0.25	4000 N/mm 22842 lbf/in	25000 N 5620 lbf	6.25 0.25
75 2.95	30 1.18	5000 N/mm 28553 lbf/in	25000 N 5620 lbf	5 0.20	-	-	-	-	-	-
75 2.95	40 1.57	1540 N/mm 8794 lbf/in	15380 N 3458 lbf	10 0.39	1540 N/mm 8794 lbf/in	15380 N 3458 lbf	10 0.39	1540 N/mm 8794 lbf/in	15380 N 3458 lbf	10 0.39
75 2.95	55 2.17	817 N/mm 4665 lbf/in	11240 N 2527 lbf	13.75 0.54	815 N/mm 4654 lbf/in	11240 N 2527 lbf	13.75 0.54	815 N/mm 4654 lbf/in	11240 N 2527 lbf	13.75 0.54
100 3.94	40 1.57	2900 N/mm 16560 lbf/in	29000 N 6519 lbf	10 0.39	2900 N/mm 16560 lbf/in	29000 N 6519 lbf	10 0.39	2900 N/mm 16560 lbf/in	29000 N 6519 lbf	10 0.39
100 3.94	55 2.17	1760 N/mm 10050 lbf/in	24260 N 5454 lbf	13.75 0.54	1760 N/mm 10050 lbf/in	24260 N 5454 lbf	13.75 0.54	1760 N/mm 10050 lbf/in	24260 N 5454 lbf	13.75 0.54
100 3.94	75 2.95	1190 N/mm 6795 lbf/in	22350 N 5024 lbf	18.75 0.74	1190 N/mm 6795 lbf/in	22350 N 5024 lbf	18.75 0.74	1190 N/mm 6795 lbf/in	22350 N 5024 lbf	18.75 0.74
125 4.92	55 2.17	3185 N/mm 18188 lbf/in	25000 N 5620 lbf	7.75 0.31	3010 N/mm 17189 lbf/in	23610 N 5308 lbf	7.85 0.31	3010 N/mm 17189 lbf/in	23610 N 5308 lbf	7.75 0.31
125 4.92	75 2.95	1270 N/mm 7252 lbf/in	23750 N 5339 lbf	18.75 0.74	1290 N/mm 7367 lbf/in	24200 N 5440 lbf	18.75 0.74	1160 N/mm 6624 lbf/in	21790 N 4899 lbf	18.75 0.74

