



SS Stainless Steel

Specification

- Mount body
Natural rubber (NR)
- Black
- Vulcanized to the cover plate
- Shore hardness A ±5
Medium

4

55

- **GN 351.1**
Cover plate, 2 threaded studs
Steel, zinc plated, molded-in

- **GN 451.1**
Cover plate, 2 threaded studs
Stainless steel
European Standard No. 1.4301 (AISI 304),
molded-in

- **RoHS compliant**

On request

- Versions with shore hardness A ±5
- Soft 40
- Hard 70
* Not available from stock, requires a minimum order quantity
- Specials, with certain minimum quantities

Information

GN 351.1 and GN 451.1 vibration isolation mounts are suitable for the elastic mounting of machine units such as motors, compressors and pumps.

These rubber mounts are simple and economical construction elements. Their resilience and their broad range of different sizes and dimensions allow these mounts to be used in many applications that require vibration isolation.

For metric versions see GN 351 or GN 451.

see also...

- *Vibration Isolation Mounts GN 351 / GN 451*
- *Vibration Isolation Mounts GN 351.2 / GN 451.2*
- *Vibration Isolation Mounts GN 351.3 / GN 451.3*

How to order (Steel)	1 Outside diameter d ₁
1 2 3 4	2 Height h
GN 351.1-25-19-1/4X20-55	3 Thread d ₂
	4 Hardness

How to order (Stainless Steel)	1 Outside diameter d ₁
1 2 3 4	2 Height h
GN 451.1-10-13-8X32-55	3 Thread d ₂
	4 Hardness

Inch table

Dimensions in: inches - millimeters

¹ d ₁	² h	³ d ₂ Thread	Length l	s	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈
.39 10	.51 13	8 x 32	.51 13	.04 1	205 lbf/in 35.90 N/mm	20.00 lbf 88.96 N	.18 4.49
.55 14	.51 13	10 x 32	.39 10	.04 1	90.97 lbf/in 15.93 N/mm	13.00 lbf 57.82 N	.28 7.01
.63 16	.51 13	8 x 32	.51 13	.05 1.2	440 lbf/in 77.05 N/mm	44.00 lbf 195.72 N	.31 8.00
.75 19	.75 19	1/4 x 20	.51 13	.08 2	296 lbf/in 51.83 N/mm	58.00 lbf 257.99 N	.37 9.49
.98 25	.51 13	1/4 x 20	.51 13	.08 2	1043 lbf/in 182.65 N/mm	154 lbf 685.02 N	.49 12.49
.98 25	.75 19	1/4 x 20	.63 16	.08 2	684 lbf/in 119.78 N/mm	183 lbf 814.02 N	.49 12.49
.98 25	.75 19	5/16 x 18	.63 16	.08 2	1220 lbf/in 213.65 N/mm	183 lbf 814.02 N	.49 12.49
.98 25	.98 25	1/4 x 20	.51 13	.08 2	670 lbf/in 117.33 N/mm	168 lbf 747.30 N	.49 12.49
.98 25	.98 25	5/16 x 18	.63 16	.08 2	616 lbf/in 107.87 N/mm	151 lbf 671.68 N	.49 12.49
1.26 32	.75 19	1/4 x 20	.51 13	.08 2	1886 lbf/in 330.28 N/mm	283 lbf 1258.84 N	.63 16.00
1.26 32	.75 19	5/16 x 18	.63 16	.08 2	1425 lbf/in 249.55 N/mm	280 lbf 1245.50 N	.63 16.00
1.26 32	.98 25	5/16 x 18	.63 16	.08 2	1090 lbf/in 190.88 N/mm	273 lbf 1214.36 N	.63 16.00
1.38 35	.98 25	5/16 x 18	.63 16	.08 2	1344 lbf/in 235.37 N/mm	336 lbf 1494.60 N	.67 16.99
1.50 38	.75 19	5/16 x 18	.63 16	.08 2	2615 lbf/in 457.95 N/mm	523 lbf 2326.41 N	.75 18.99
1.50 38	.98 25	3/8 x 16	.63 16	.08 2	1200 lbf/in 210.15 N/mm	300 lbf 1334.46 N	.75 18.99
1.57 40	.98 25	3/8 x 16	.63 16	.08 2	2000 lbf/in 350.25 N/mm	500 lbf 2224.11 N	.79 19.98
1.57 40	.98 25	5/16 x 18	.63 16	.08 2	1710 lbf/in 299.46 N/mm	336 lbf 1494.60 N	.79 19.98
2.01 51	.75 19	3/8 x 16	1.14 29	.08 2	4093 lbf/in 716.79 N/mm	804 lbf 3576.37 N	.98 24.99
2.01 51	1.61 41	3/8 x 16	.63 16	.08 2	1955 lbf/in 342.37 N/mm	576 lbf 2562.17 N	.98 24.99
2.44 62	1.26 32	1/2 x 13	.87 22	.08 2	2582 lbf/in 452.17 N/mm	762 lbf 3389.54 N	1.18 29.99
3.11 79	2.24 57	1/2 x 13	1.26 32	.12 3	13282 lbf/in 2325.85 N/mm	2607 lbf 11596.51 N	1.38 35.00