



SS Stainless Steel

Specification



- Mount body
Natural rubber (NR)
 - Black
 - Vulcanized to the cover plates
 - Temperature resistant up to 176 °F (80 °C)
 - Shore hardness A ±5
Medium **55**
- **GN 351.1**
Cover plates / threaded studs
Steel, zinc plated, yellow passivated finish
- **GN 451.1**
Cover plates / threaded studs
Stainless steel AISI 304
- [Elastomer Characteristics](#) → page 2135
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

Information

GN 351.1 and GN 451.1 vibration isolation mounts are suitable for the anti-vibration 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.

see also...

- [Vibration Isolation Mounts GN 351.2 / GN 451.2](#)
(Cylindrical Type, with 1 Tapped Insert / 1 Threaded Stud) → page 1608
- [Vibration Isolation Mounts GN 351.3 / GN 451.3](#)
(Cylindrical Type, with 2 Tapped Inserts) → page 1609
- [Vibration Isolation Mounts GN 351 / GN 451 \(Metric Size\)](#) → page 1610
- [Vibration / Shock Absorption Mounts GN 353.1 / GN 453.1](#)
(Conical Type, with Threaded Stud) → page 1622
- [Vibration / Shock Absorption Mounts GN 353.2 / GN 453.2](#)
(Conical Type, with Tapped Insert) → page 1623

On request

- Versions with shore hardness A ±5
 - Soft* **40**
 - Hard* **70**

How to order (Steel)	1 Outer diameter d_1
GN 351.1-35-25-5/16X18-55	2 Height h
	3 Thread d_2
	4 Hardness

How to order (Stainless steel)	1 Outer diameter d_1
GN 451.1-62-32-1/2X13-55	2 Height h
	3 Thread d_2
	4 Hardness

Inch table

Dimensions in: inches - millimeters

¹ d ₁	² h	³ d ₂	Length l	s	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
0.35 9	0.51 13	8 x 32	0.51 13	0.04 1	203 lbf/in 35.6 N/mm	20.01 lbf 89.0 N	0.10 2.5
0.55 14	0.51 13	10 x 32	0.39 10	0.04 1	86.80 lbf/in 15.2 N/mm	12.99 lbf 57.8 N	0.15 3.8
0.63 16	0.51 13	8 x 32	0.51 13	0.05 1.2	447 lbf/in 78.3 N/mm	44.00 lbf 195.7 N	0.10 2.5
0.75 19	0.75 19	1/4 x 20	0.51 13	0.08 2	289 lbf/in 50.6 N/mm	58.00 lbf 258.0 N	0.20 5.1
0.98 25	0.51 13	1/4 x 20	0.51 13	0.08 2	1030 lbf/in 180.3 N/mm	154 lbf 685.0 N	0.15 3.8
0.98 25	0.75 19	1/4 x 20	0.63 16	0.08 2	1223 lbf/in 214.2 N/mm	183 lbf 814.0 N	0.15 3.8
0.98 25	0.75 19	5/16 x 18	0.63 16	0.08 2	1223 lbf/in 214.2 N/mm	183 lbf 814.0 N	0.15 3.8
0.98 25	0.98 25	1/4 x 20	0.51 13	0.08 2	667 lbf/in 116.8 N/mm	168 lbf 747.3 N	0.25 6.4
0.98 25	0.98 25	5/16 x 18	0.63 16	0.08 2	600 lbf/in 105.0 N/mm	151 lbf 671.7 N	0.25 6.4
1.26 32	0.75 19	1/4 x 20	0.51 13	0.08 2	1892 lbf/in 331.3 N/mm	283 lbf 1258.8 N	0.15 3.8
1.26 32	0.75 19	5/16 x 18	0.63 16	0.08 2	1395 lbf/in 244.2 N/mm	280 lbf 1245.5 N	0.20 5.1
1.26 32	0.98 25	5/16 x 18	0.63 16	0.08 2	1084 lbf/in 189.8 N/mm	273 lbf 1214.4 N	0.25 6.4
1.38 35	0.98 25	5/16 x 18	0.63 16	0.08 2	1333 lbf/in 233.5 N/mm	336 lbf 1494.6 N	0.25 6.4
1.50 38	0.75 19	5/16 x 18	0.63 16	0.08 2	2605 lbf/in 456.2 N/mm	523 lbf 2326.4 N	0.20 5.1
1.50 38	0.98 25	3/8 x 16	0.63 16	0.08 2	1191 lbf/in 208.5 N/mm	300 lbf 1334.5 N	0.25 6.4
1.57 40	0.98 25	3/8 x 16	0.63 16	0.08 2	1984 lbf/in 347.5 N/mm	500 lbf 2224.1 N	0.25 6.4
1.57 40	0.98 25	5/16 x 18	0.63 16	0.08 2	1674 lbf/in 293.1 N/mm	336 lbf 1494.6 N	0.20 5.1
2.01 51	0.75 19	3/8 x 16	1.14 29	0.08 2	7007 lbf/in 1227.1 N/mm	1324 lbf 5890.0 N	0.19 4.8
2.01 51	1.61 41	3/8 x 16	0.63 16	0.08 2	1669 lbf/in 292.2 N/mm	670 lbf 2980.0 N	0.40 10.2
2.44 62	1.26 32	1/2 x 13	0.87 22	0.08 2	2547 lbf/in 446.0 N/mm	762 lbf 3389.5 N	0.30 7.6
3.11 79	2.24 57	1/2 x 13	1.26 32	0.12 3	2815 lbf/in 493.0 N/mm	1574 lbf 7000.0 N	0.56 14.2

* Not available from stock, requires a minimum order quantity

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

