



SS Stainless Steel

Inch table

Dimensions in: inches - millimeters

1 d ₁	2 h	3 d ₂	4 d ₃	t	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
0.59 15	0.59 15	0.47 12	8 x 32	0.16 4	259 lbf/in 45.3 N/mm	38.22 lbf 170 N	0.15 3.81
0.79 20	0.59 15	0.55 14	1/4 x 20	0.24 6	441 lbf/in 77.3 N/mm	65.19 lbf 290 N	0.15 3.81
0.79 20	0.79 20	0.63 16	1/4 x 20	0.24 6	571 lbf/in 100 N/mm	56.20 lbf 250 N	0.10 2.54
0.98 25	0.79 20	0.79 20	1/4 x 20	0.24 6	1386 lbf/in 242.8 N/mm	273 lbf 1214 N	0.20 5.08
1.18 30	0.79 20	0.87 22	5/16 x 18	0.31 8	1153 lbf/in 202 N/mm	227 lbf 1010 N	0.20 5.08
1.57 40	0.98 25	1.18 30	5/16 x 18	0.31 8	2281 lbf/in 399.4 N/mm	561 lbf 2496 N	0.25 6.35
1.57 40	1.18 30	1.30 33	5/16 x 18	0.31 8	1125 lbf/in 197.1 N/mm	332 lbf 1478 N	0.30 7.62
1.97 50	1.18 30	1.65 42	3/8 x 16	0.39 10	1587 lbf/in 278 N/mm	469 lbf 2085 N	0.30 7.62
2.95 75	1.57 40	2.36 60	1/2 x 13	0.47 12	2282 lbf/in 494.2 N/mm	1111 lbf 4942 N	0.39 9.91

* Not available from stock, requires a minimum order quantity

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 356.3**
Cover plates / tapped inserts
Steel, zinc plated, yellow passivated finish

- **GN 456.3**
Cover plates / tapped inserts
Stainless steel AISI 304

- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

On request

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

Information

GN 356.3 and GN 456.3 vibration isolation mounts are suitable for the anti-vibration mounting of machine units such as compressors and pumps.

The hourglass shape absorbs side forces better compared with cylindrical vibration isolation mounts. The rubber also does not swell past the cross section d₁ under pressure loads.

see also...

- *Resilient Characteristics* → page 2116
- *Vibration Isolation Mounts GN 356.1 / GN 456.1 (2 Threaded Studs)* → page 1612
- *Vibration Isolation Mounts GN 356.2 / GN 456.2 (1 Tapped Hole and 1 Threaded Stud)* → page 1614
- *Vibration Isolation Mounts GN 356 / GN 456 (Metric Size)* → page 1616
- *Vibration Isolation Mounts GN 351.2 / GN 451.2 (Cylindrical Type)* → page 1608

How to order (Steel)

1	Outer diameter d ₁
2	Height h
3	Inner diameter d ₂
4	Thread d ₃
5	Hardness

GN 356.3-30-20-22-5/16X18-55

How to order (Stainless steel)

1	Outer diameter d ₁
2	Height h
3	Inner diameter d ₂
4	Thread d ₃
5	Hardness

GN 456.3-75-40-60-1/2X13-55