



SS Stainless Steel

**Inch table**

Dimensions in: inches - millimeters

d <sub>1</sub>	h	d <sub>2</sub> Thread	s	t	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
0.98 25	0.51 13	1/4 x 20	0.08 2	0.24 6	2050 lbf/in 359.01 N/mm	205 lbf 911.88 N	0.10 2.54
0.98 25	0.75 19	1/4 x 20	0.08 2	0.24 6	946 lbf/in 165.66 N/mm	142 lbf 631.64 N	0.15 3.81
0.98 25	0.98 25	5/16 x 18	0.08 2	0.31 8	760 lbf/in 133.09 N/mm	190 lbf 845.16 N	0.25 6.35
1.50 38	0.75 19	5/16 x 18	0.08 2	0.31 8	2940 lbf/in 514.87 N/mm	441 lbf 1961.66 N	0.15 3.81
1.50 38	0.98 25	5/16 x 18	0.08 2	0.31 8	1600 lbf/in 280.20 N/mm	400 lbf 1779.28 N	0.25 6.35
1.50 38	0.98 25	3/8 x 16	0.08 2	0.39 10	1600 lbf/in 280.20 N/mm	400 lbf 1779.28 N	0.25 6.35
2.01 51	0.75 19	3/8 x 16	0.08 2	0.39 10	6966 lbf/in 1219.93 N/mm	1045 lbf 4648.39 N	0.15 3.81
2.01 51	1.61 41	3/8 x 16	0.08 2	0.39 10	1675 lbf/in 293.33 N/mm	670 lbf 2980.30 N	0.40 10.16

\* Not available from stock, requires a minimum order quantity

**Specification**

- Mount body  
Natural rubber (NR)  
- Black  
- Vulcanized to the cover plate  
- Temperature resistant up to 176 °F (80 °C)  
- Shore hardness A ±5  
Medium **55**
- GN 352.2**  
Cover plate / tapped insert  
Steel, zinc plated, yellow passivated finish
- GN 452.2**  
Cover plate / tapped insert  
Stainless steel AISI 304
- Elastomer Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

**On request**

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

**Information**

GN 352.2 and GN 452.2 vibration / shock absorption mounts are used as end-stop bumpers, e.g. for conveyors.

They absorb most of the accumulated kinetic energy on impact. They act as dampers and prevent damaging shock and rebound. They also act as sound dampers.

see also...

- Vibration / Shock Absorption Mounts GN 352.1 / GN 452.1 (with Threaded Stud) → page 1618
- Vibration / Shock Absorption Mounts GN 352 / GN 452 (Metric Size) → page 1620
- 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 Hole) → page 1623

How to order (Steel)	1 Outer diameter d <sub>1</sub>
1 2 3 4	2 Height h
<b>GN 352.2-25-19-1/4X20-55</b>	3 Thread d <sub>2</sub>
	4 Hardness
How to order (Stainless steel)	1 Outer diameter d <sub>1</sub>
1 2 3 4	2 Height h
<b>GN 452.2-51-41-3/8X16-55</b>	3 Thread d <sub>2</sub>
	4 Hardness

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10