



SS Stainless Steel

**Inch table**

<b>1</b> d <sub>1</sub>	<b>2</b> h	<b>3</b> d <sub>2</sub> Thread	Length l	s	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
0.75 19	0.98 25	1/4 x 20	0.51 13	0.08 2	90.97 lbf/in 15.93 N/mm	22.00 lbf 97.86 N	0.24 6.09
0.98 25	1.26 32	1/4 x 20	0.51 13	0.08 2	132 lbf/in 23.11 N/mm	33.00 lbf 146.79 N	0.25 6.35
1.26 32	1.50 38	5/16 x 18	0.63 16	0.08 2	155 lbf/in 27.14 N/mm	45.00 lbf 200.16 N	0.29 7.36
1.50 38	1.77 45	5/16 x 18	0.63 16	0.08 2	374 lbf/in 65.49 N/mm	146 lbf 649.44 N	0.39 9.90
1.77 45	2.01 51	3/8 x 16	0.63 16	0.08 2	284 lbf/in 49.73 N/mm	168 lbf 747.30 N	0.59 14.98
2.01 51	2.24 57	3/8 x 16	1.10 28	0.08 2	285 lbf/in 49.91 N/mm	191 lbf 849.61 N	0.67 17.01

Dimensions in: inches - millimeters

\* 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 353.1**  
Cover plate / threaded stud  
Steel, zinc plated

- GN 453.1**  
Cover plate / threaded stud  
Stainless steel AISI 304

• RoHS compliant

**Information**

GN 353.1 and GN 453.1 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.

The parabolic shape of these mounts generates progressive resilience characteristics: impact and shock effects are absorbed more gently.

see also...

- Vibration / Shock Absorption Mounts GN 353.2 / GN 453.2 (with Tapped Hole)
- Vibration / Shock Absorption Mounts GN 353 / GN 453 (Metric Size)
- Vibration / Shock Absorption Mounts GN 352.1 / GN 452.1 (Cylindrical Type, with Threaded Stud)
- Vibration / Shock Absorption Mounts GN 352.2 / GN 452.2 (Cylindrical Type, with Tapped Hole)

**On request**

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

**How to order (Steel)**

**GN 353.1-19-25-1/4X20-55**

<b>1</b>	Outer diameter d <sub>1</sub>
<b>2</b>	Height h
<b>3</b>	Thread d <sub>2</sub>
<b>4</b>	Hardness

**How to order (Stainless steel)**

**GN 453.1-32-38-5/16X18-55**

<b>1</b>	Outer diameter d <sub>1</sub>
<b>2</b>	Height h
<b>3</b>	Thread d <sub>2</sub>
<b>4</b>	Hardness