



**Inch table**

Dimensions in: inches - millimeters

1 d <sub>1</sub>	2 d <sub>2</sub> Thread	3 Length l					d <sub>3</sub>	h	s	t	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
		0.25 6.3	0.37 9.5	0.75 19	-	-							
0.75 19	10 x 24	0.25 6.3	0.37 9.5	0.75 19	-	-	0.47 12	0.63 16	0.08 2	0.20 5	160 lbf/in 28 N/mm	24.73 lbf 110 N	0.16 4
0.98 25	1/4 x 20	0.31 7.9	0.50 12.7	1.00 25.4	-	-	0.65 16.5	0.81 20.5	0.08 2	0.24 6	468 lbf/in 82 N/mm	96.67 lbf 430 N	0.21 5.25
1.26 32	5/16 x 18	0.37 9.5	0.56 14.3	0.63 15.9	0.87 22.2	1.25 31.8	0.83 21	1.02 26	0.08 2	0.31 8	799 lbf/in 140 N/mm	205 lbf 910 N	0.26 6.5
1.50 38	5/16 x 18	0.37 9.5	0.56 14.3	0.63 15.9	0.87 22.2	1.25 31.8	0.96 24.5	1.26 32	0.08 2	0.31 8	714 lbf/in 125 N/mm	270 lbf 1200 N	0.37 9.5
1.97 50	3/8 x 16	0.63 15.9	0.75 19	1.25 31.8	-	-	1.26 32	1.69 43	0.08 2	0.39 10	885 lbf/in 155 N/mm	364 lbf 1620 N	0.41 10.5

**Metric table**

Dimensions in: millimeters - inches

1 d <sub>1</sub>	2 d <sub>2</sub> Thread	3 Length l					d <sub>3</sub>	h	s	t	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
		6 0.24	10 0.39	20 0.79	-	-							
19 0.75	M 5	6 0.24	10 0.39	20 0.79	-	-	12 0.47	16 0.63	2 0.08	5 0.20	28 N/mm 160 lbf/in	110 N 24.73 lbf	4 0.16
25 0.98	M 6	8 0.31	12 0.47	25 0.98	-	-	16.5 0.65	20.5 0.81	2 0.08	6 0.24	82 N/mm 468 lbf/in	430 N 96.67 lbf	5.25 0.21
32 1.26	M 8	10 0.39	16 0.63	30 1.18	0.87 22.2	1.25 31.8	21 0.83	26 1.02	2 0.08	8 0.31	140 N/mm 799 lbf/in	910 N 205 lbf	6.5 0.26
38 1.50	M 8	10 0.39	16 0.63	30 1.18	0.87 22.2	1.25 31.8	24.5 0.96	32 1.26	2 0.08	8 0.31	125 N/mm 714 lbf/in	1200 N 270 lbf	9.5 0.37
50 1.97	M 10	12 0.47	20 0.79	40 1.57	-	-	32 1.26	43 1.69	2 0.08	10 0.39	155 N/mm 885 lbf/in	1620 N 364 lbf	10.5 0.41

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

**Specification**

- Mount body  
Rubber NBR (Perbunan®)  
- Black  
- Vulcanized to the cover plate  
- Temperature resistant up to 176 °F (80 °C)  
- Shore hardness A ±5  
Medium **55**
- Cover plate / tapped insert / threaded stud  
Steel, zinc plated, blue passivated finish
- *Elastomer Characteristics* → page 2135
- *RoHS compliant*

**On request**

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

**Information**

GN 253 vibration / shock absorption mounts are used as end-stop bumpers or set-up elements, e.g. for conveyors.

They absorb vibrations and have a dampening effect.

see also...

- *Vibration / Shock Absorption Mounts GN 352 / GN 452 (Cylindrical Type)* → page 1620
- *Vibration / Shock Absorption Mounts GN 353 / GN 453 (Conical Type)* → page 1624

How to order (With tapped hole)	1 Outer diameter d <sub>1</sub>
1 2 4 <b>GN 253-32-5/16X18-55</b>	2 Thread d <sub>2</sub>
	4 Hardness

How to order (With threaded stud)	1 Outer diameter d <sub>1</sub>
1 2 3 4 <b>GN 253-38-M8-30-55</b>	2 Thread d <sub>2</sub>
	3 Length l
	4 Hardness