



**Inch table**

Dimensions in: inches - millimeters

d <sub>1</sub>	d <sub>2</sub> Thread	Length l			d <sub>3</sub>	h	s	t	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
		1	2	3							
0.75 19	10 x 24	0.39 10	0.75 19	0.47 12	0.63 16	0.08 2	0.20 5	360 lbf/in 63 N/mm	56.20 lbf 250 N	0.16 4	
0.98 25	1/4 x 20	0.51 13	0.98 25	0.65 16.5	0.81 20.5	0.08 2	0.24 6	514 lbf/in 90 N/mm	103 lbf 460 N	0.20 5.1	
1.26 32	5/16 x 18	0.63 16	1.26 32	0.83 21	1.02 26	0.08 2	0.31 8	668 lbf/in 117 N/mm	171 lbf 760 N	0.26 6.5	
1.50 38	5/16 x 18	0.63 16	1.26 32	0.96 24.5	1.26 32	0.08 2	0.31 8	645 lbf/in 113 N/mm	202 lbf 900 N	0.31 8	
1.97 50	3/8 x 16	0.63 16	1.26 32	1.26 32	1.69 43	0.08 2	0.31 8	845 lbf/in 148 N/mm	355 lbf 1580 N	0.42 10.7	

**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub> Thread	Length l			d <sub>3</sub>	h	s	t	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
		1	2	3							
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	63 N/mm 360 lbf/in	250 N 56.20 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	90 N/mm 514 lbf/in	460 N 103 lbf	5.1 0.20
32 1.26	M 8	10 0.39	16 0.63	30 1.18	21 0.83	26 1.02	2 0.08	8 0.31	117 N/mm 668 lbf/in	760 N 171 lbf	6.5 0.26
38 1.50	M 8	10 0.39	16 0.63	30 1.18	24.5 0.96	32 1.26	2 0.08	8 0.31	113 N/mm 645 lbf/in	900 N 202 lbf	8 0.31
50 1.97	M 10	12 0.47	20 0.79	40 1.57	32 1.26	43 1.69	2 0.08	8 0.31	148 N/mm 845 lbf/in	1580 N 355 lbf	10.7 0.42

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

**Specification**

- Mount body  
Silicone rubber MVQ (Elastosil®)  
- FDA compliant  
- Gray, RAL 7040 ● GR  
- Blue, RAL 5002 ● BL  
- Vulcanized to the cover plate  
- Temperature resistant up to 392 °F (200 °C)  
- Shore hardness A ±5  
Medium **55**
- Cover plate / tapped insert / threaded stud  
Stainless steel AISI 304
- RoHS compliant

**On request**

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

**Information**

GN 256 vibration / shock absorption mounts are used as end-stop bumpers or set-up elements for machines and systems, e.g. for conveyors.

The silicon rubber absorbs vibrations, has a dampening effect, is resistant to age and has an increased working temperature range. Due to the material purity, use is possible in the food and medical industry.

see also...

- Vibration / Shock Absorption Mounts GN 253 / GN 254 (Conical Type) → page 1626 / 1627
- 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>
	2 Thread d <sub>2</sub>
<b>GN 256-38-5/16X18-55-BL</b>	4 Hardness
	5 Color

How to order	1 Outer diameter d <sub>1</sub>
	2 Thread d <sub>2</sub>
	3 Length l
<b>GN 256-25-M6-12-55-GR</b>	4 Hardness
	5 Color