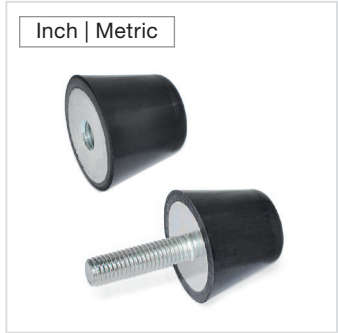
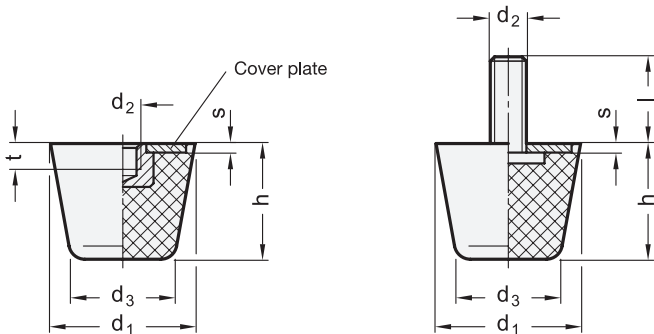




Inch table

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

* 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
Medium55
- 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 damping 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 ₁
2 Thread d ₂	
4 Hardness	
 GN 253-32-5/16X18-55	

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