



Inch table

Dimensions in: inches - millimeters

d ₁	d ₂ Thread	Length l					d ₃	h	s	t	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
		0.25	0.37	0.75	-	-							
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

d ₁	d ₂ Thread	Length l					d ₃	h	s	t	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈ Hardness 55
		6	10	20	12	16							
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	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	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
- 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
- Vibration / Shock Absorption Mounts GN 353 / GN 453

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

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