



SS Stainless Steel

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 ≈
.75 19	10 x 24	.39 10	.75 19	.47 12	.63 16	.08 2	.20 5	360 lbf/in 63 N/mm	56.20 lbf 250 N	.16 4
.98 25	1/4 x 20	.51 13	.98 25	.65 16.5	.81 20.5	.08 2	.24 6	514 lbf/in 90 N/mm	103 lbf 460 N	.20 5.1
1.26 32	5/16 x 18	.63 16	1.26 32	.83 21	1.02 26	.08 2	.31 8	668 lbf/in 117 N/mm	171 lbf 760 N	.26 6.5
1.50 38	5/16 x 18	.63 16	1.26 32	.96 24.5	1.26 32	.08 2	.31 8	645 lbf/in 113 N/mm	202 lbf 900 N	.31 8
1.97 50	3/8 x 16	.63 16	1.26 32	1.26 32	1.69 43	.08 2	.39 10	845 lbf/in 148 N/mm	355 lbf 1580 N	.42 10.7

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 ≈
19 .75	M 5	6 .24	10 .39	20 .79	16 .63	2 .08	5 .20	63 N/mm 360 lbf/in	250 N 56.20 lbf	4 .16
25 .98	M 6	8 .31	12 .47	25 .98	16.5 .65	2 .08	6 .24	90 N/mm 514 lbf/in	460 N 103 lbf	5.1 .20
32 1.26	M 8	10 .39	16 .63	30 1.18	26 1.02	2 .08	8 .31	117 N/mm 668 lbf/in	760 N 171 lbf	6.5 .26
38 1.50	M 8	10 .39	16 .63	30 1.18	24.5 .96	2 .08	8 .31	113 N/mm 645 lbf/in	900 N 202 lbf	8 .31
50 1.97	M 10	12 .47	20 .79	40 1.57	32 1.26	2 .08	10 .39	148 N/mm 845 lbf/in	1580 N 355 lbf	10.7 .42

Specification

- Mount body
Silicone natural rubber Elastosil® (MVQ)
- FDA compliant
- Gray GR
- 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
European Standard No. 1.4301 (AISI 304)
- RoHS compliant

On request

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

Information

GN 256 silicone vibration / shock absorption mounts are frequently used as end-stop bumpers, e.g. for conveyors.

The silicone rubber used is age-resistant and has an increased working temperature range. Due to the material purity, use is possible in the food and medical industry.

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.

These mounts are also used as set-up elements and leveling feet.

How to order (With tapped hole)

1	Outside diameter d ₁
2	Thread d ₂
4	Hardness
5	Color

GN256-38-5/16X18-55-GR

How to order (With threaded stud)

1	Outside diameter d ₁
2	Thread d ₂
3	Length l
4	Hardness
5	Color

GN256-25-M6-25-55-GR