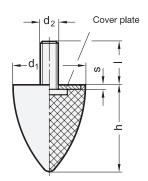
Vibration / Shock Absorption Mounts

Conical Type







SS Stainless Steel

Inch table

•	2	Dimensions in: inches - millimete					in: inches - millimeters
d ₁	h	d₂ Thread	Length I	s	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈
.75	.98	1/4 x 20	.51	.08	90.97 lbf/in	22.00 lbf	.24
19	25		13	2	15.93 N/mm	97.86 N	6.09
.98	1.26	1/4 x 20	.51	.08	132 lbf/in	33.00 lbf	.25
<i>2</i> 5	32		13	2	23.11 N/mm	146.79 N	6.35
1.26	1.50	5/16 x 18	.63	.08	155 lbf/in	45.00 lbf	.29
<i>32</i>	38		16	2	27.14 N/mm	200.16 N	7.36
1.50	1.77	5/16 x 18	.63	.08	374 lbf/in	146 lbf	.39
38	45		16	2	65.49 N/mm	649.44 N	9.90
1.77	2.01	3/8 x 16	.63	.08	284 lbf/in	168 lbf	.59
45	51		16	2	49.73 N/mm	747.30 N	14.98
2.01 51	2.24 57	3/8 x 16	1.10 28	.08	285 lbf/in 49.91 N/mm	191 lbf 849.61 N	.67 17.01

Specification

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- Mount body
- Natural rubber (NR)
- Black
- Vulcanized to the cover plate
- Shore hardness A ±5 Medium

• GN 353.1

Cover plate, threaded stud Steel, zinc plated, molded-in

• GN 453.

Cover plate, threaded stud Stainless steel European Standard No. 1.4301 (AISI 304), molded-in

RoHS compliant

Information

GN 353.1 and GN 453.1 vibration / shock absorption mounts are frequently used as end-stop bumpers, e.g. for conveyors.

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.

The parabolic shape of these isolation mounts generates progressive resilience characteristics: Impact and shock effects are absorbed more gently.

For metric versions see GN 353 or GN 453.

see also...

- Vibration / Shock Absorption Mounts GN 353 / GN 453
- Vibration / Shock Absorption Mounts GN 353.2 / GN 453.2

On request

- Versions with shore hardness A ±5
- Soft* 40
- Hard* 70
- * Not available from stock, requires a minimum order quantity
- Specials, with certain minimum quantities

