



SS Stainless Steel

4 Type

- E With tapped hole
- S With threaded stud

Specification



- Mount body
 - Natural rubber (NR)
 - Black
 - Vulcanized to the cover plate
 - Temperature resistant up to 176 °F (80 °C)
- **GN 353**
 - Cover plate / tapped insert / threaded stud
 - Steel, zinc plated, blue passivated finish
 - Shore hardness A ±5

Soft	40
Medium	55
Hard	70
- **GN 453**
 - Cover plate / tapped insert / threaded stud
 - Stainless steel AISI 304
 - Medium

	55
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• RoHS compliant

On request

- Gray color rubber
- For GN 453 shore hardness A ±5

- Soft*	40
- Hard*	70

Information

GN 353 and GN 453 vibration / shock absorption mounts are 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.

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

see also...

- *Vibration Isolation Mounts GN 351 / GN 451 (Cylindrical Type)*
- *Vibration / Shock Absorption Mounts GN 352 / GN 452 (Cylindrical Type)*
- *Vibration / Shock Absorption Mounts GN 353.1 / GN 453.1 (Inch Size)*
- *Vibration / Shock Absorption Mounts GN 353.2 / GN 453.2 (Inch Size)*
- *Mounting Blocks GN 412.1 (Mounting Aid)*

<p>How to order (Steel)</p> <p style="text-align: center;"> 1 2 3 4 5 GN 353-70-58-M12-S-70 </p>	1	Outer diameter d_1
	2	Height h
	3	Thread d_2
	4	Type
	5	Hardness

<p>How to order (Stainless steel)</p> <p style="text-align: center;"> 1 2 3 4 5 GN 453-50-68-M10-E-55 </p>	1	Outer diameter d_1
	2	Height h
	3	Thread d_2
	4	Type
	5	Hardness

Metric table

Dimensions in: millimeters - inches

d ₁	h	d ₂ Thread	Length l Type S	s	t Type E	Spring rate ≈			Max. load			Max. deflection ≈
						Hardness 40	Hardness 55	Hardness 70	Hardness 40	Hardness 55	Hardness 70	
10 0.39	10 0.39	M 5	12 0.47	1.2 0.05	5 0.20	14 N/mm 79.95 lbf/in	20 N/mm 114 lbf/in	40 N/mm 228 lbf/in	46 N 10.34 lbf	59 N 13.26 lbf	113 N 25.40 lbf	3 0.12
20 0.79	15 0.59	M 6	18 0.71	2 0.08	6 0.24	30 N/mm 171 lbf/in	49 N/mm 280 lbf/in	78 N/mm 445 lbf/in	130 N 29.23 lbf	195 N 43.84 lbf	320 N 71.94 lbf	4 0.16
20 0.79	24 0.94	M 6	18 0.71	2 0.08	6 0.24	14 N/mm 79.95 lbf/in	22 N/mm 126 lbf/in	55 N/mm 314 lbf/in	82 N 18.43 lbf	130 N 29.23 lbf	330 N 74.19 lbf	6 0.24
25 0.98	20 0.79	M 6	18 0.71	2 0.08	6 0.24	16 N/mm 91.37 lbf/in	38 N/mm 217 lbf/in	96 N/mm 548 lbf/in	84 N 18.88 lbf	190 N 42.71 lbf	495 N 111 lbf	5 0.20
30 1.18	30 1.18	M 8	18 0.71	2 0.08	8 0.31	25 N/mm 143 lbf/in	35 N/mm 200 lbf/in	84 N/mm 480 lbf/in	190 N 42.71 lbf	260 N 58.45 lbf	630 N 142 lbf	7.5 0.30
30 1.18	36 1.42	M 8	20 0.79	2 0.08	8 0.31	20 N/mm 114 lbf/in	36 N/mm 206 lbf/in	72 N/mm 411 lbf/in	180 N 40.47 lbf	320 N 71.94 lbf	650 N 146 lbf	9 0.35
35 1.38	40 1.57	M 8	23 0.91	2 0.08	8 0.31	26 N/mm 148 lbf/in	30 N/mm 171 lbf/in	63 N/mm 360 lbf/in	260 N 58.45 lbf	300 N 67.44 lbf	630 N 142 lbf	10 0.39
50 1.97	50 1.97	M 10	28 1.10	2 0.08	10 0.39	54 N/mm 308 lbf/in	78 N/mm 445 lbf/in	90 N/mm 514 lbf/in	675 N 152 lbf	970 N 218 lbf	1120 N 252 lbf	12.5 0.49
50 1.97	61 2.40	M 8	28 1.10	2 0.08	8 0.31	32 N/mm 183 lbf/in	39 N/mm 223 lbf/in	100 N/mm 571 lbf/in	490 N 110 lbf	600 N 135 lbf	1520 N 342 lbf	15.25 0.60
50 1.97	68 2.68	M 10	28 1.10	2 0.08	10 0.39	52 N/mm 297 lbf/in	52 N/mm 297 lbf/in	115 N/mm 657 lbf/in	890 N 200 lbf	890 N 200 lbf	1950 N 438 lbf	17 0.67
70 2.76	58 2.28	M 12	37 1.46	3 0.12	12 0.47	82 N/mm 468 lbf/in	110 N/mm 628 lbf/in	140 N/mm 799 lbf/in	1150 N 259 lbf	1520 N 342 lbf	1990 N 447 lbf	14 0.55
75 2.95	89 3.50	M 12	37 1.46	3 0.12	12 0.47	66 N/mm 377 lbf/in	98 N/mm 560 lbf/in	125 N/mm 714 lbf/in	1330 N 299 lbf	1960 N 441 lbf	2540 N 571 lbf	20 0.79

* Not available from stock, requires a minimum order quantity

3.1
3.2
3.3
3.4
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3.7
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3.10

