



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

1 d ₁	2 h	3 d ₂	d ₃	s	Spring rate ≈ Hardness 55	Max. load Hardness 55	Max. deflection ≈
16 .63	8 .31	4.3 .17	8 .31	1 .04	140 N/mm 799 lbf/in	280 N 62.95 lbf	2 .08
20 .79	10 .39	5.3 .21	9.5 .37	1.2 .05	148 N/mm 845 lbf/in	370 N 83.18 lbf	2.5 .10
25 .98	12 .47	6.4 .25	12.2 .48	1.6 .06	210 N/mm 1199 lbf/in	630 N 142 lbf	3 .12
35 1.38	16 .63	8.4 .33	14 .55	2 .08	345 N/mm 1970 lbf/in	1380 N 310 lbf	4 .16
42 1.65	20 .79	8.4 .33	14 .55	2 .08	360 N/mm 2056 lbf/in	1800 N 405 lbf	5 .20
42 1.65	20 .79	10.5 .41	17.5 .69	2.5 .10	360 N/mm 2056 lbf/in	1800 N 405 lbf	5 .20
56 2.20	24 .94	8.4 .33	14 .55	2 .08	577 N/mm 3295 lbf/in	3460 N 778 lbf	6 .24
56 2.20	24 .94	13 .51	19.5 .77	3 .12	577 N/mm 3295 lbf/in	3460 N 778 lbf	6 .24

Specification

- Mount body
Rubber Perbunan® (NBR)
 - Black
 - Vulcanized to the retaining washer
 - Temperature resistant up to 248 °F (120 °C)
 - Shore hardness A ±5
Medium **55**
- Retaining washer
Stainless steel
European Standard No. 1.4301 (AISI 304)
- RoHS compliant

Information

GN 454 vibration / shock absorption mounts are frequently used as end-stop bumpers, e.g. for conveyors. They can be mounted on the damping side with DIN 912 socket head cap screws.

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 can also be used as leveling feet.

see also...

- Vibration / Shock Absorption Mounts GN 352 / GN 452
- Vibration / Shock Absorption Mounts GN 353 / GN 453

On request

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

How to order	
1	Outside diameter d ₁
2	Height h
3	Inner diameter d ₂
4	Hardness

GN 454-16-8-4.3-55