



1 d ₁	2 h	3 d ₂	d ₃	s	Spring rate ≈ in N/mm			Max. load in N			Max. travel ≈ in mm
					Hardness 40	Hardness 55	Hardness 70	Hardness 40	Hardness 55	Hardness 70	
16	8	4,3	8	1	75	140	223	150	280	445	2
20	10	5,3	9,5	1,2	89	148	240	223	370	600	2,5
25	12	6,4	11	1,6	113	210	317	340	630	950	3
35	16	8,4	14	2	175	345	599	700	1380	2395	4
42	20	8,4	17,5	2	220	360	668	1100	1800	3340	5
42	20	10,5	17,5	2,5	220	360	668	1100	1800	3340	5
56	24	8,4	19,5	2	333	577	1000	2000	3460	6000	6
56	24	13	19,5	3	333	577	1000	2000	3460	6000	6

Specification

- Rubber
 - NBR (Perbunan®)
 - Black
 - Vulcanized to the retaining washer
 - Temperature resistant up to 120 °C
 - Hardness Shore A ±5

Soft	40
Medium	55
Hard	70

- Retaining washer
 - Stainless steel AISI 304
- [Elastomer Characteristics](#) → Page 2158
- [Stainless Steel Characteristics](#) → Page 2166
- RoHS



Information

Buffers GN 454 are used as end-stop buffers, e.g. for conveyor trolleys. They can be fixed on the damping side with socket cap screws DIN 912.

They absorb most of the kinetic energy developing on impact. They act as dampers and prevent damaging shock and rebound. They also act as sound dampers.

see also...

- [Buffers GN 352 / GN 452](#) → Page 1531
- [Buffers GN 353 / GN 453](#) → Page 1526 / 1527

How to order

1 2 3 4
GN 454-42-20-10,5-55

1	d ₁
2	h
3	d ₂
4	Hardness