



1 2 3

d ₁	d ₂	Length l			d ₃	h	s	t	Spring rate ≈ in N/mm Hardness 55	Max. load in N Hardness 55	Max. travel ≈ in mm Hardness 55
19	M 5	6	10	20	12	16	2	5	28	110	4
25	M 6	8	12	25	16,5	20,5	2	6	82	430	5,25
32	M 8	10	16	30	21	26	2	8	140	910	6,5
38	M 8	10	16	30	24,5	32	2	8	125	1200	9,5
50	M 10	12	20	40	32	43	2	10	155	1620	10,5

* not available from stock, requires a minimum order quantity

Specification

- Rubber
NBR (Perbunan®)
- Black
- Vulcanized to the cover plate
- Temperature resistant up to 80 °C
- Hardness Shore A ±5
Soft* 40
Medium 55
Hard* 70

- Cover plates, threaded bushings, threaded studs
Steel
Zinc plated, blue passivated

• *Elastomer Characteristics* → Page 2158

• RoHS

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Information

Buffers GN 253 are used as end stops or setup elements, e.g. for conveyors.

They absorb vibrations and have a damping effect.

see also...

- *Buffers GN 352 / GN 452* → Page 1531
- *Buffers GN 353* → Page 1526
- *Buffers GN 453* → Page 1527

How to order (With internal thread)	1	d ₁
	2	d ₂
GN 253-19-M5-55	4	Hardness

How to order (With threaded stud)	1	d ₁
	2	d ₂
	3	Length l
GN 253-38-M8-30-55	4	Hardness