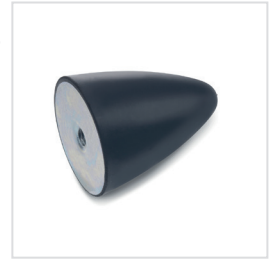


**Range extended!**



EDLSTAHL®  
**Rostfrei**  
Inox  
Stainless  
Steel

**4 Type**

- E** with internal thread
- S** with screw

**1 2 3**

d <sub>1</sub>	h	d <sub>2</sub>	Length l Type S	s	t Type E	Spring rate ≈ in N/mm			max. load in N			max. travel ≈ in mm		
						Hard-ness 40	Hard-ness 55	Hard-ness 70	Hard-ness 40	Hard-ness 55	Hard-ness 70	Hard-ness 40	Hard-ness 55	Hard-ness 70
10	10	M 5	12	1,2	5	14	20	40	46	59	113	3	3	2,75
20	15	M 6	18	2	6	30	49	78	130	195	320	4	4	4
20	24	M 6	18	2	6	14	22	55	82	130	330	6	6	5
25	20	M 6	18	2	6	16	38	96	84	190	495	5	5	5,25
30	30	M 8	18	2	8	25	35	84	190	260	630	7,5	7,5	7,5
30	36	M 8	20	2	8	20	36	72	180	320	650	9	9	9
35	40	M 8	23	2	8	26	30	63	260	300	630	10	10	10
50	50	M 10	28	2	10	54	78	90	675	970	1120	12,5	12,5	12,5
50	61	M 8	28	2	8	32	39	100	490	600	1520	15,25	15,25	15,25
50	68	M 10	28	2	10	52	52	115	890	890	1950	17	17	17
70	58	M 12	37	3	12	82	110	140	1150	1520	1990	14	14	14
75	89	M 12	37	3	12	66	98	125	1330	1960	2540	20	20	20

\* not available from stock, requires a minimum order quantity

**Specification**

- Natural rubber (NR)
  - black
  - vulcanized to the cover sheets
  - temperature resistant up to 80 °C
  - Hardness [Shore ±5 °]
 

soft*	<b>40</b>
medium	<b>55</b>
hard*	<b>70</b>
- Cover sheets, threaded inserts, screws  
Stainless Steel
- [Elastomer characteristics](#) → Page 1140
- [RoHS compliant](#)

**On request**

- Rubber in grey

**5**

**Information**

Buffers GN 453 are used as end-stop buffers, e. g. for conveyor trolleys. 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. The parabolic shape of these buffers generates progressive resilience characteristics: impact and shock effects are absorbed gentler.

see also...

- [Rubber buffers GN 351 / GN 451](#) → Page 628
- [Buffers GN 352 / GN 452](#) → Page 632

Stainless Steel-Buffer

<b>1</b>	d <sub>1</sub>
<b>2</b>	h
<b>3</b>	d <sub>2</sub>
<b>4</b>	Type
<b>5</b>	Hardness

**GN 453-50-68-M10-E-55**