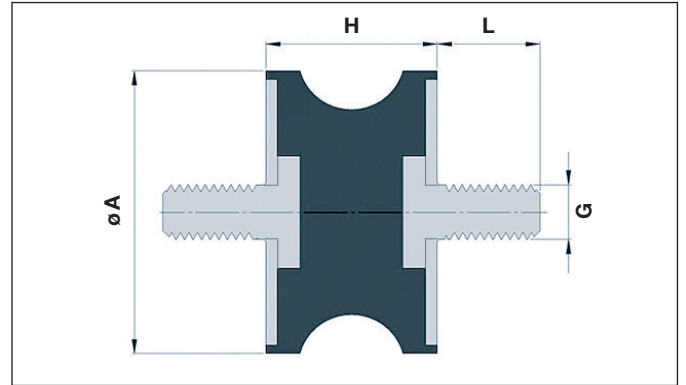
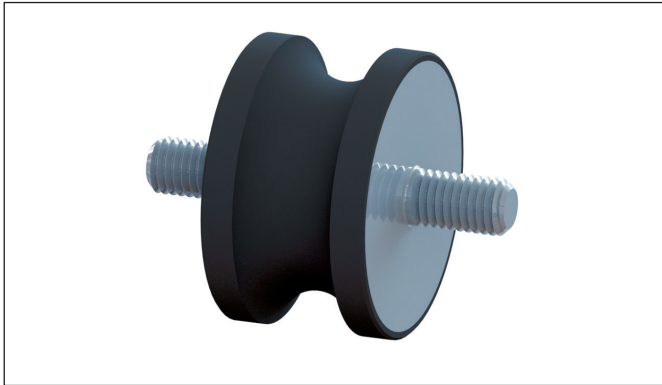


# Rubber-Metal Buffer Type TA

with threaded bolt on both sides



## Product description

Buffers are characterised by their strength and robustness. The wide range of dimensions allows multiple options for usage.

## Anwendung

Buffers are particularly suitable for elastic travel limiting and for cushioning impacts on mobile and non-mobile units, machines and generally as stops.

## Benefits

- Effective dampening and cushioning of impacts
- Easy to install
- RoHS compliant

## Operating temperature

- Natural Rubber (NR): – 50 °C until + 90 °C

## Standard quality

Natural Rubber (NR)

## Special qualities

- Nitrile-Butadiene Rubber (NBR)
  - Chloroprene Rubber (CR)
  - Fluoro Rubber (FPM)
  - Ethylene-Propylene-Diene-Rubber (EPDM)
  - Polyurethan (PUR)
  - Silicon
  - H-NBR
- More qualities on request

## Metal parts

- Steel galvanized or chromated
- Steel blank from a diameter 100 mm upwards
- Alternative support members, e. g. Stainless steel, brass, aluminum, etc. available on request

$\varnothing A$	H	G	L	Shore	Pressure Stress		Shear Stress	
					Spring rate cz	max. rated load	Spring rate cz	max. rated load
mm	mm		mm	A	N/mm	F max. *in N	N/mm	F max. *in N
20	15	M6	18,00	65	150	420	30	60
				55	100	320	20	55
				45	50	290	12	50
30	20	M8	21,00	65	270	900	35	105
				55	180	720	25	90
				45	92	580	15	60

ø A	H	G	L	Shore	Pressure Stress		Shear Stress	
					Spring rate cz	max. rated load	Spring rate cz	max. rated load
mm	mm		mm	A	N/mm	F max. *in N	N/mm	F max. *in N
40	48	M8	23,50	65	- *	- *	- *	- *
				55	- *	- *	- *	- *
				45	- *	- *	- *	- *
50	30	M10	28,00	65	400	2200	50	270
				55	270	1800	32	250
				45	130	1450	18	120
75	40	M12	37,00	65	830	5000	90	650
				55	530	4500	60	600
				45	295	3900	33	350
100	55	M16	41,00	65	- *	- *	- *	- *
				55	- *	- *	- *	- *
				45	- *	- *	- *	- *

\* No values have been determined / measured yet. The values will be added gradually.

If you need other buffers or other thread sizes than listed, please contact us directly.

Our applied technical advice, either oral, written or through tests is given according to our best knowledge. However, this information is to be considered as non-obligatory instruction, also in terms of any protective rights of a third party, and does not exempt you from testing our product in reference to its suitability for the intended process and purpose. Utilisation, application and processing of the products occur entirely outside of our control and are therefore exclusively your responsibility. However, should a case of liability come into question, it will be limited to all damages in the value of the product which we delivered and you used. By all means, we do warrant the impeccable quality of our products in accordance with our general sales and delivery conditions.