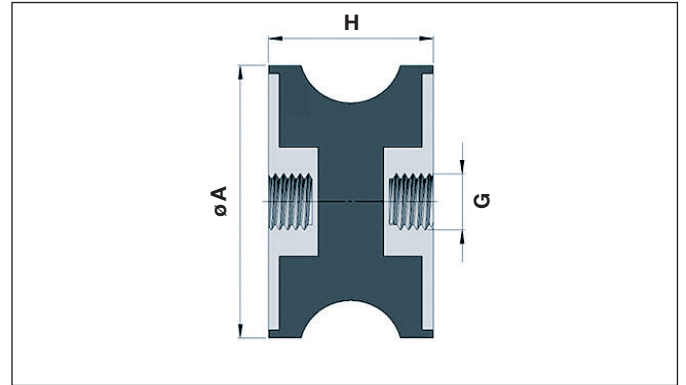
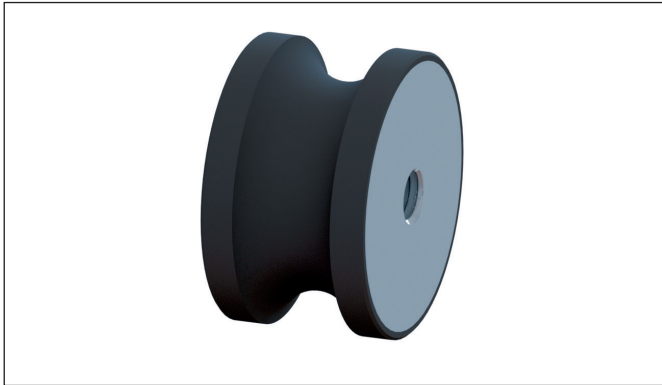


Rubber-Metal Buffer Type TC

with internal thread 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

øA	H	G	Shore	Pressure Stress		Shear Stress	
				Spring rate cz	max. rated load	Spring rate cz	max. rated load
mm	mm		A	N/mm	F max. *in N	N/mm	F max. *in N
30	20	M6	65	216	720	28	85
			55	144	575	20	72
			45	74	465	12	48
50	30	M10	65	320	1750	40	215
			55	215	1450	25	200
			45	105	1150	15	95

ø A	H	G	Shore	Pressure Stress		Shear Stress	
				Spring rate cz	max. rated load	Spring rate cz	max. rated load
mm	mm		A	N/mm	F max. *in N	N/mm	F max. *in N
75	40	M12	65	665	400	72	520
			55	425	3600	48	480
			45	235	3100	25	280
100	55	M16	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.