

Rubber-Metal Bumpers MGK, Conical Design

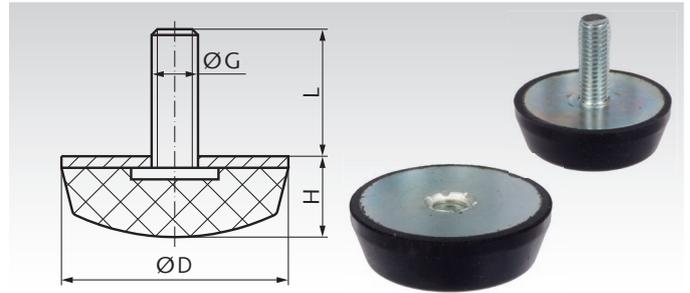
Material: Metal parts: Steel, zinc-plated.
Elastomer: Natural rubber hardness 55° Shore A.

* $F_{perm.}$ is the permissible static permanent load, which may be overlaid by a dynamic, alternating load. With shearing load please take care that no tension load in the rubber occurs at all during mounting. To achieve a sufficient fatigue strength provide some compressive pre-stressing.

The stated permissible loads are only approximate, guideline values for the static load for "medium" rubber hardness. With particularly high, dynamic, alternating loads or high frequencies, the load figures have to be reduced accordingly.

Temperature resistant up to 80°C.

Ordering Details: e.g.: Product No. 685 831 00, Rubber-Metal Bumpers MGK, 25 mm



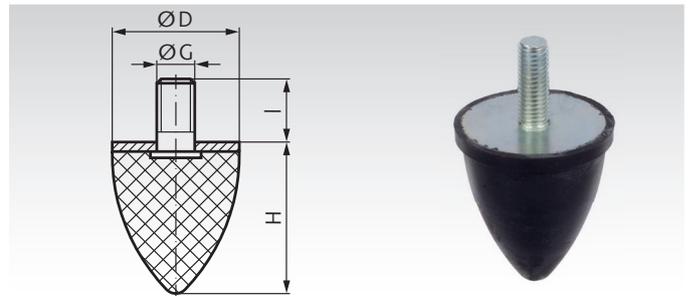
Product No.	D mm	H mm	G x L mm	Spring Rate CD medium N/mm	Pressure Load		Weight g
					Load $F_{perm.}$ N		
685 831 00	25	17	M6 x 18 external thread	119	500		15
685 835 00	50	18	M10 x 28 external thread	670	2000		75
685 841 00	25	17	M6 x 6 internal thread	130	500		15
685 845 00	50	18	M10 x 10 internal thread	735	2000		75

* $F_{perm.}$: Note page 619 bottom.

Rubber-Metal Buffers KP

Material: Metal parts: Steel, zinc-plated.
Elastomer: Natural rubber hardness 55° Shore A.

Simple, reasonably priced standard components used for elastic mounting. When shearing load occurs their load-bearing capacity is considerably lower than with pressure load. This has to be considered when horizontal mass forces or belt traction occur. The grade of rubber used has perfect physical properties.



Ordering Details: e.g.: Product No. 685 031 00, Rubber-Metal Buffers KP 20x24

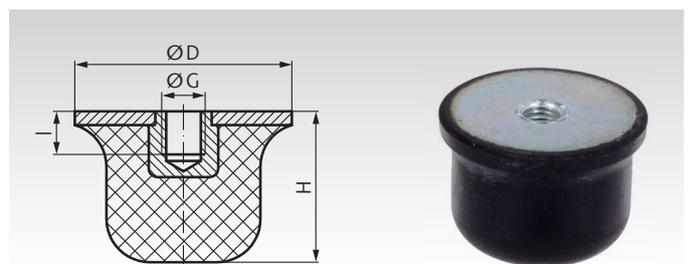
Product No.	D mm	H mm	G mm	l mm	Spring Rate CD medium N/mm	Pressure Load		Weight g
						Perm. Pressure Load $F_{perm.}$ N		
685 031 00	20	24	M6	18	15	60		11
685 035 00	30	36	M8	20	23	140		37
685 041 00	35	40	M8	20	27	150		45
685 045 00	50	58	M10	28	33	320		127
685 051 00	50	67	M8	36	40	400		136
685 055 00	75	89	M12	37	55	900		341
685 061 00	115	136	M16	42	75	1800		1042

* $F_{perm.}$: Note page 619 bottom.

Rubber-Metal Buffers KE

Material: Metal parts: Steel, zinc-plated.
Elastomer: Natural rubber Hardness 55° Shore A.

Simple, reasonably priced standard components for elastic mounting. When shearing load occurs their load-bearing capacity is considerably lower than with pressure load. This has to be considered when horizontal mass forces or belt traction occur. The grade of rubber used has perfect physical properties.



Ordering Details: e.g.: Product No. 685 131 00, Rubber-Metal Buffers KE 50x35

Product No.	D mm	H mm	G mm	l mm	Spring Rate CD medium N/mm	Pressure Load		Weight g
						Perm. Pressure Load $F_{perm.}$ N		
685 131 00	50	35	M10	10	100	400		88
685 135 00	80	60	M12	12	170	1200		308
685 141 00	125	90	M16	16	260	3000		830

* $F_{perm.}$: Note page 619 bottom.