

## Rubber-Metal Buffers MGP with Threaded Studs

**Material:** Elastomer: Natural rubber, hardness 55° Shore A.  
Metal parts: Steel, zinc-plated or stainless steel 1.4301.



External threads on both sides.

Standard components for elastic mounting.

The grade of rubber used has perfect physical properties.

Temperature resistant up to 80°C.

Other sizes, Shore hardnesses or elastomer types on request.



Ordering Details: e.g.: Product No. 685 280 00, Rubber-Metal Buffers MGP, 8 mm

Product No. Zinc-plated	Product No. Stainless	D mm	H mm	G mm	I mm	Pressure Load		Shearing Load		Weight g
						Spring Load CD medium N/mm	Permiss. Load $F_{perm.}^*$ N	Spring Load CS medium N/mm	Permiss. Load $F_{perm.}^*$ N	
685 280 00	689 280 00	8	8	M3	6	30	35	9	10	1,0
685 281 00	689 281 00	10	10	M4	10	44	43	9	15	3,2
685 283 00	689 283 00	10	15	M4	10	29	43	5	15	3,9
685 286 00	-	15	7	M4	10	174	95	29	35	5,8
685 287 00	689 287 00	15	8	M4	10	160	95	27	35	6,0
685 288 00	689 288 00	15	10	M4	10	124	95	24	35	6,4
685 289 00	689 289 00	15	20	M4	13	54	95	10	35	7,0
685 290 00	689 290 00	15	15	M4	10	61	95	13	35	7,8
685 301 00	689 301 00	20	8	M6	18	307	170	36	60	15
685 302 00	689 302 00	20	10	M6	18	150	170	40	60	15
685 304 00	689 304 00	20	15	M6	18	130	170	24	60	20
685 304 20	689 304 20	20	20	M6	18	100	170	20	60	19
685 304 25	689 304 25	20	25	M6	18	70	170	13	60	20
685 305 00	689 305 00	25	20	M6	18	85	170	17	60	30
685 307 00	689 307 00	25	10	M6	18	750	280	74	95	20
685 307 15	689 307 15	25	15	M6	18	140	280	25	95	28
685 307 25	689 307 25	25	25	M6	18	600	280	37	95	32
685 307 30	689 307 30	25	30	M6	18	71	280	17	95	40
685 308 00	689 308 00	30	15	M8	20	525	400	58	140	37
685 309 00	689 309 00	30	20	M8	20	204	400	40	140	56
685 309 25	689 309 25	30	25	M8	20	180	400	33	140	58
685 311 00	689 311 00	30	30	M8	20	108	400	25	140	65
685 311 10	689 311 10	30	40	M8	20	85	400	18	140	64
685 311 20	689 311 20	40	15	M8	20	380	650	90	250	79
685 311 23	689 311 23	40	25	M8	23	270	650	60	250	84
685 311 28	689 311 28	40	25	M10	28	270	650	60	250	90
685 312 00	689 312 00	40	30	M8	23	213	650	43	250	102
685 312 30	689 312 30	40	30	M10	28	213	650	40	250	105
685 313 00	689 313 00	40	40	M8	23	140	650	22	250	115
685 315 00	689 315 00	50	20	M10	28	857	1000	110	400	141
685 314 00	689 314 00	50	25	M10	28	583	1000	84	400	155
685 316 00	689 316 00	50	30	M10	28	375	1000	66	400	163
685 317 00	689 317 00	50	40	M10	28	260	1000	53	400	178
685 324 00	-	50	45	M10	33	215	1000	43	400	208
685 317 50	689 317 50	50	50	M10	28	200	1000	39	400	199
685 317 60	689 317 60	60	40	M10	28	390	1500	60	550	231
685 317 70	689 317 70	70	45	M10	28	450	1800	70	750	401
685 318 00	689 318 00	75	25	M12	37	2710	2300	211	850	369
685 318 40	689 318 40	75	40	M12	37	734	2300	117	850	420
685 319 00	689 319 00	75	50	M12	37	506	2300	91	850	483
685 320 00	689 320 00	75	55	M12	37	417	2300	78	850	514
685 322 00	689 322 00	100	30	M16	42	3800	4200	310	1600	630
685 321 00	689 321 00	100	40	M16	42	1970	4200	257	1600	715
685 321 50	689 321 50	100	50	M16	42	900	4200	160	1600	800
685 321 55	689 321 55	100	55	M16	42	892	4200	145	1600	845
685 323 00	689 323 00	100	60	M16	42	809	4200	136	1600	890
685 325 00	689 325 00	100	75	M16	42	750	4200	110	1600	1295

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



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