



# Vibration Isolation Products

## Buffers

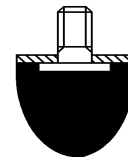
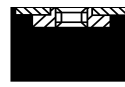
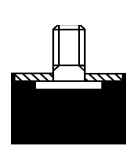
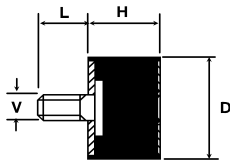


Buffers or Bump Stops are designed as deceleration devices to protect structures and equipment from impact forces. can be used, for example, as a resilient stop providing progressive stiffening to a suspension system under load.

Vibration Isolation Products offer a large standard range of buffers. These range from straight forward bobbin types with different combinations through to rectangular buffers, 'Aeon' Type Springaid Buffers and standard bump stops.

For new or non-standard designs and applications, VIP buffers can be supplied based on customer drawings or individually designed to suit the customer's static / shock requirements.

**Applications:** Typical applications for buffer / bump stops include, industrial plant and automotive applications, as well as for impact protection such as bonnet, door / gate-stops, closure stops, limit stop for oscillating machinery and cranes, feet for sensitive equipment and vehicle collision protection.



D or VE

E or DE

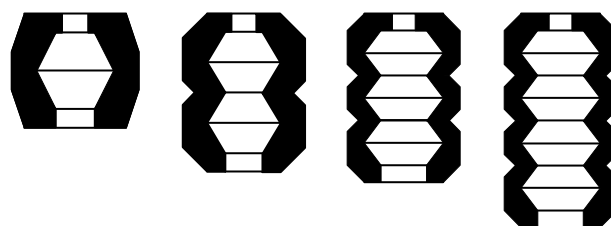
KP or VP

D/H	STANDARD THREAD		45 IRHD	60 IRHD	45 IRHD	60 IRHD	45 IRHD	60 IRHD
	V x L	V x S	MAX - kgs	MAX - kgs	MAX - kgs	MAX - kgs	MAX - kgs	MAX - kgs
	COMP/N	COMP/N	COMP/N	COMP/N	COMP/N	COMP/N	COMP/N	COMP/N
20/13	M6 X 18		40	60				
20/20	M6 X 18		26	40				
25/13	M6 X 16							70
25/15	M6 X 18		40	60				
30/20	M8 X 20		50	70				
40/28	M8 X 23		*	160				
45/30	M8 X 23							140
50/21	M8 X 16	M8 X 8			340			
50/21	M10X 28	M10 X 8	340	430	340			
50/30	M10 * 25	M10 X 8	*	300	*			
50/50	M10X 25						90	110
60/60	M12X 37							280
100/95	M12X 31							450
100/120	M12X 31							420

A standard, wide range of circular buffers is available



### ALL RUBBER 'AEON' TYPE SPRINGAID BUFFERS



Buffer & tube (bush) supplied only

PART No	TYPE	FREE HT mm	OUTER DIA mm	FACE DIA mm	AS SPRING ASSIST-kgs	AS SOLE SUSP'N-kgs	MAX BUMP LOAD - kgs	MAX BUMP DEF - mm	OUTER DIA BUMP - mm
<b>SINGLE CONVOLUTION ( BARREL )</b>									
6815500	155M	54	55	43	151	70	226	36	79
6817000	170M	70	85	57	1215	190	1814	50	124
6817001	170H	70	85	57	1215	250	1820	42	122
6810300	103M	91	108	87	1367	400	2041	54	152
6810301	103H	91	108	87	1519	500	2268	46	148
6815200	1525S	121	142	104	2734	600	4082	78	188
6815201	1525M	121	142	104	3039	750	4536	70	185
6815201	1525H	121	142	104	3040	900	4538	62	172
<b>DOUBLE CONVOLUTIONS</b>									
6850500	505H	79	63	41	303	40	453	45	83
6851500	515H	94	85	62	455	110	680	52	114
6852001	520H	98	59	49	493	130	740	55	79
6852000	520M	98	59	49	416	100	625	60	84
6853011	530M	120	85	54	759	160	1134	75	123
6853012	530H	120	85	54	958	190	1375	69	119
6853022	530H	120	85	54	759	150	1134	73	121
6853020	530S	120	85	54	616	80	875	82	129
6853500	535M	130	100	79	1367	440	2041	80	157
6853501	535H	130	100	79	1823	525	2722	78	150
6854000	540M	132	110	79	2127	535	3175	80	168
6854001	540H	132	110	79	2279	640	3402	75	143
6855000	550M	95	95	65	1671	200	2495	62	145
6855001	550H	95	95	65	1823	360	2721	58	140
6872060	720M	118	67	47	273	100	408	49	86
6872000	720M	118	67	47	273	100	408	69	96
<b>TRIPLE CONVOLUTIONS</b>									
6870530	705	61	35	25	121	50	181	38	51
6870580	705	52	35	35	151	50	227	35	55
6870550	705	61	35	25	121	30	181	42	50
6875000	750M	86	67	47	273	90	408	46	88
6876030	760M	240	136	107	4254	900	6350	143	230
6876031	760H	240	136	107	4254	1200	6350	132	215
<b>FOUR CONVOLUTIONS</b>									
6891800	9185H	119	67	47	182	80	272	45	88