VIKAS rubber buffers

GB

Product description

Rubber vulcanised to a steel plate with a centre threaded hole or threaded pin. The standard rubber buffers are made of natural rubber with an electro-galvanised surface.

Application

For the damping of all kinds of fall, impact or shock from cranes, vehicles, closing and stop devices, etc. The buffers absorb the kinetic energy so that the shock upon impact is reduced.

The rubber buffers can also be used in vibration-isolated machinery as a limiting element against excessive fluctuation (for example, for passing resonant frequencies) or as a stop against motion in unwanted directions.

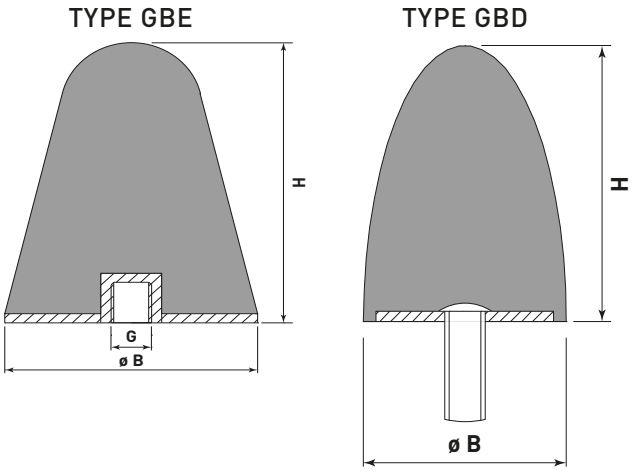
Assembly

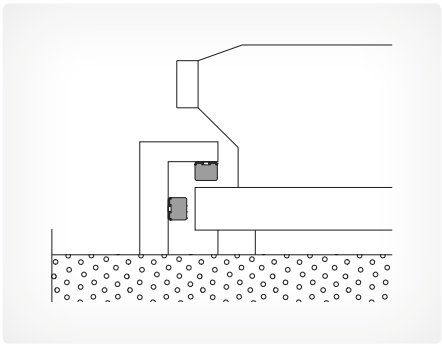
Rubber buffers can be mounted in either the fixed or the movable machine part.

If a rubber buffer does not provide adequate spring, 2 buffers can be connected in series, and if one buffer cannot absorb the energy, two buffers can be mounted parallel to each other.

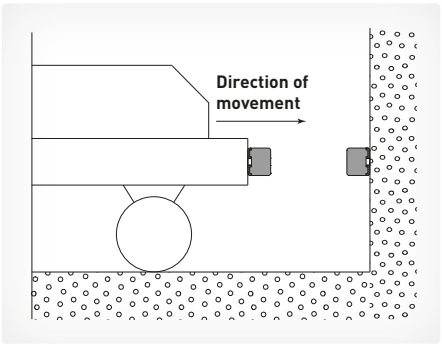
Options

- Rubber hardness: 45, 55 & 70 Sh(A)
- Rubber types CR, EPDM & silicone
- The rubber can be stained
- AISI 316

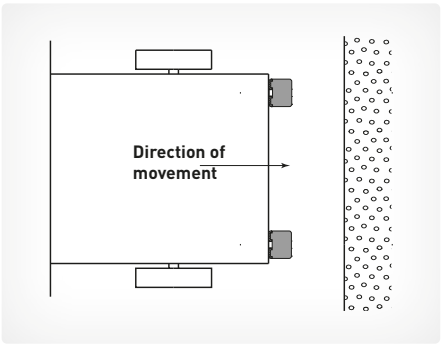




Used as a stop against excessive fluctuation



Serial connected buffers.

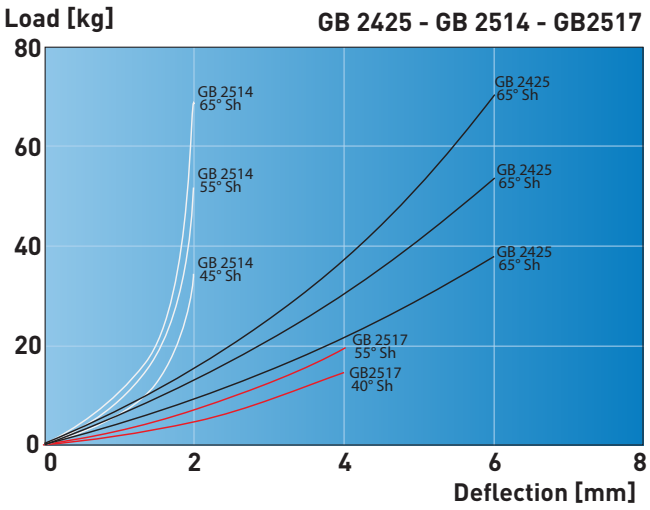


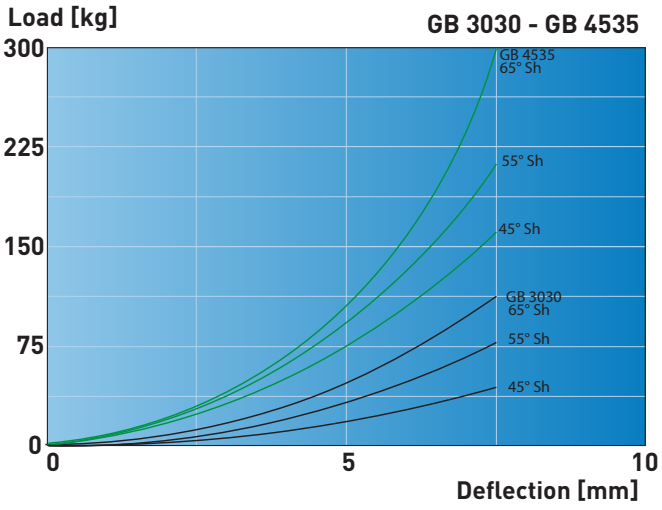
Parallel assembly of buffers.

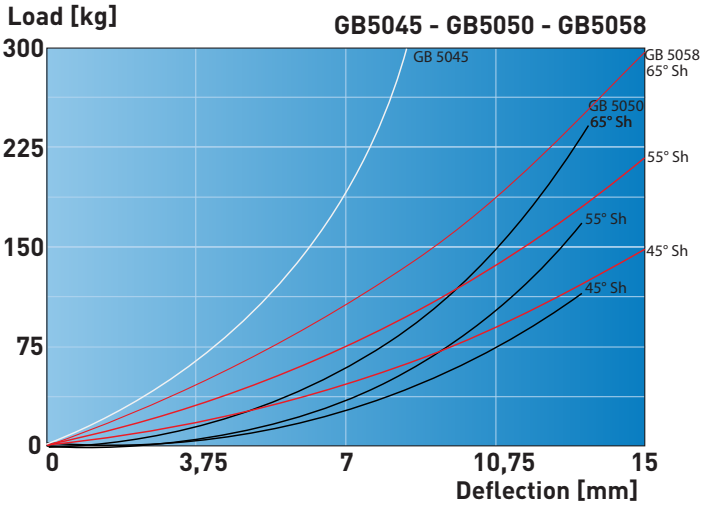
Rubber buffers

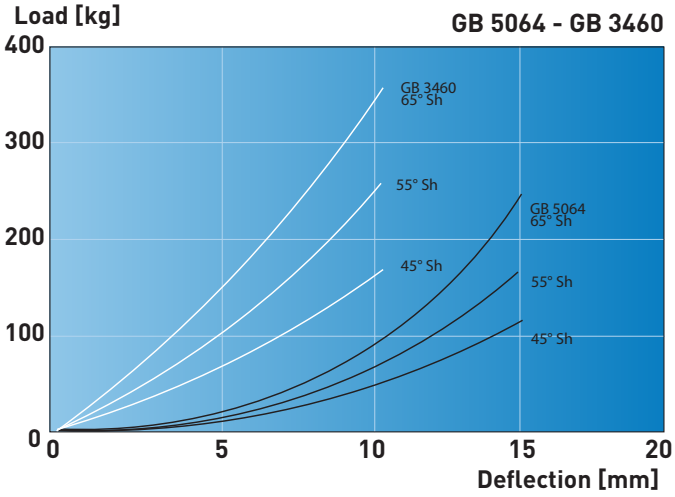
Type +	Maximum load* [kg]	Diameter B [mm]	Height H [mm]	Type GBE Threaded hole	Type GBD Threaded pin
1010		10	10	M5	M5x12
1522		15	22	M6	M6x18
2015		20	15	M6	M6x10
2024		20	24	M6	M6x18
2425	35–70	24	25	M6	M6x18
2514	35–70	25	14	M8	M8x20
2516		25	16	M6	M6x18
2520		25	20	M6	M6x18
3030		30	30	M8	M8x20
3036	80	30	36	-	M8x20
3460	178–356	34	60	M12	M12x30
3540		35	40	M8	M8x23
4535	96–190	45	35	M8	M8x23
5050	117–233	50	50	M10	M10x28
5058	147–293	50	58	M8	M8x20
5061		50	61	M8	M8x28
5064	127–253	50	64	M8	M8x35
5067	280–400	50	67	M10	M10x38
5068	400	50	68	M10	M10x28
6040	209–418	60	40	M14	M14x62
6060	195–395	60	60	M12	M12x37
7058		70	58	M12	M12x32
7060	210–419	70	60	M12	M12x35
7589		75	89	M12	M12x37
7590	480	75	90	M12	-
90110	800	90	110	M12	-
9580	407–814	95	80	M16	M16x45
10095	225–680	100	95	M12	M12x31
100100	220–600	100	100	M12	M12x31
100120	210–630	100	120	M12	M12x31
108121		108	121	M12	M12x25
11080		110	80	M12	M12x25
115136		115	136	M16	M16x41
11877		118	77	M16	M16x41

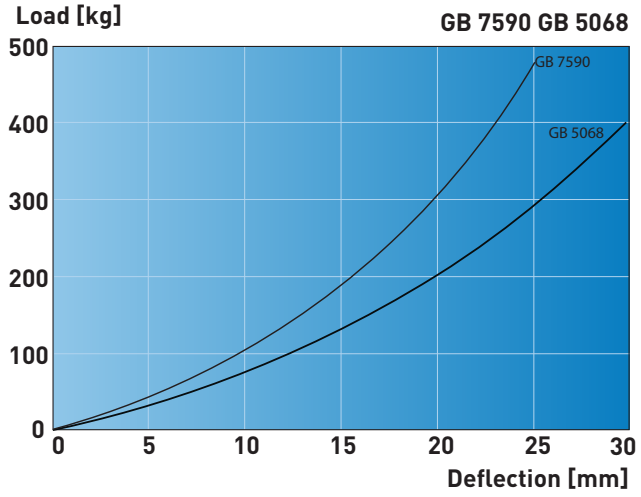
Deflection, static load

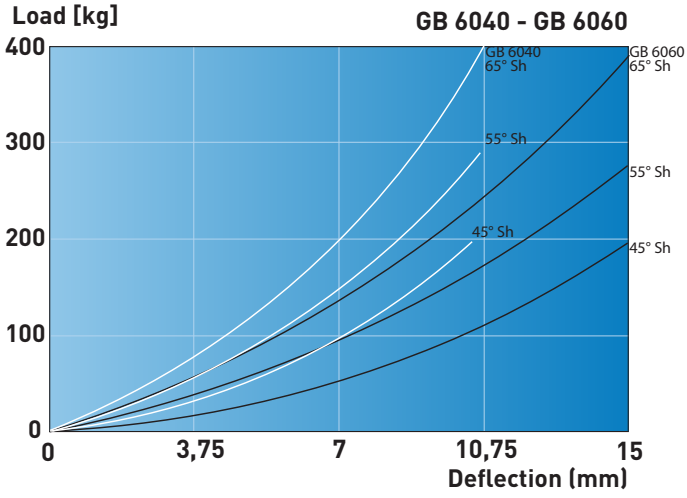












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Deflection, static load