

# LOW DEFLECTION MOUNTS LOW LOADS



## DESCRIPTION

The main role of these mounts is to isolate vibration. A snubber system limits the movement of the suspended mass (10 mm), however the loads developed in this case, are high.

A wide load range from 0,5 to 32 daN depending upon the application.

In case of shock protection, the structural resistance of the mount can accept acceleration of up to 150 g. These mounts are mainly suited for vibration, hence the loads generated in case of shock are very high.

Fixation on the inside or on the outside.

## CHARACTERISTICS

- Natural frequencies (vertical and lateral) under a nominal load of 5 to 8 Hz.
- B = unloaded.
- B - 6 mm height under nominal load (deformation under load . 6 mm).
- Maximum deflection from loaded position  $\pm 10$  mm in all directions (vertical and lateral).
- Stop at 10 mm deflection, maximum acceptable loads = 150 x nominal static load.

Nominal static load (daN)	Reference	Ø A (mm)	B (mm)	C (mm)	Ø D (mm)	E (mm)	Ø F (mm)	G	H (mm)	I (mm)	J max. (mm)	K	L max. (mm)
0,5	552320 50 14	66	30	25,5	48	2,5	56	M6	12	8 10	15	3	20
1	552320 50 04	66	30	25,5	48	2,5	56	M6	12	8 10	15	3	20
2	552321 50 04	66	30	25,5	48	2,5	56	M6	12	8 10	15	3	20
4	539966 50 04	82	31,5	34,5	63	5	71	M8	13,5	6,5 11	20	3	20
8	539967 50 04	82	31,5	35,5	63	6	71	M8	13,5	6,5 11	20	3	20
16	539985 50 24	82	51	32	63	8	71	M12	33	10 15	20	4	40
24	539985 50 04	82	51	32	63	8	71	M12	33	10 15	20	4	40
32	539985 50 14	82	51	32	63	8	71	M12	33	10 15	20	4	40