

SCH ANTI VIBRATION MOUNTS



The AMC-Mecanocaucho® SCH type anti vibration mounts are made of two moulded parts . One of circular fully moulded rubber, and one circular part which is fully bonded to a centre tube which acts as a guide for the machine anchoring bolt. They are installed pre-compressed on the actual machine frame, whose thickness "T" determines the degree of pre-compression of the assembly.

TECHNICAL CHARACTERISTICS

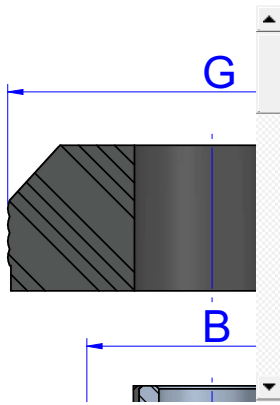
This antivibration mount is ideal for applications with major dynamic loadings such as : Off Road Construction vehicles for engines , gearboxes , Operator Cabins where movement control is necessary. It also offers optimal stability, as well as good attenuation of impacts and high frequency vibrations.

APPLICATIONS

- Vehicle cabins
- Public works and agricultural vehicles, etc.



DRAWINGS

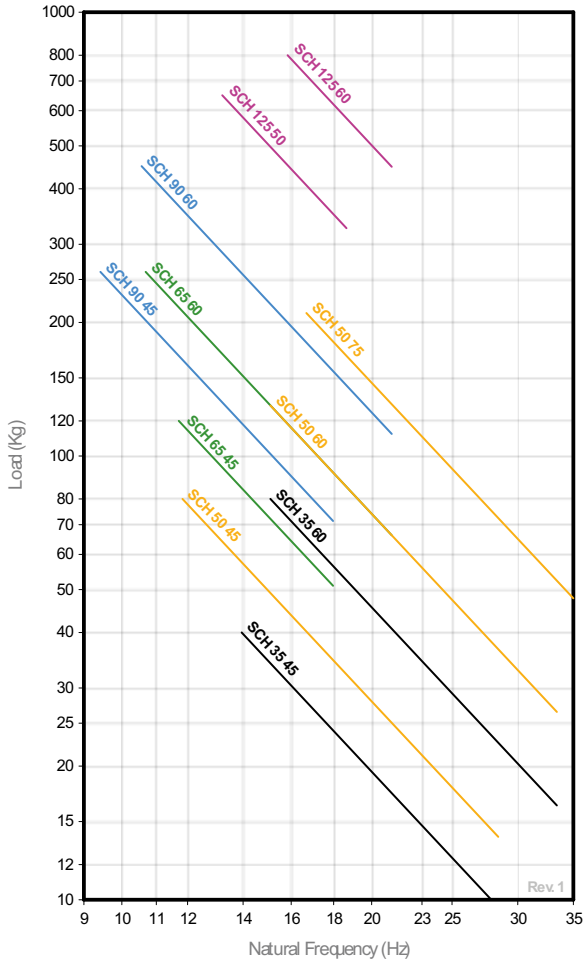


DIMENSIONS

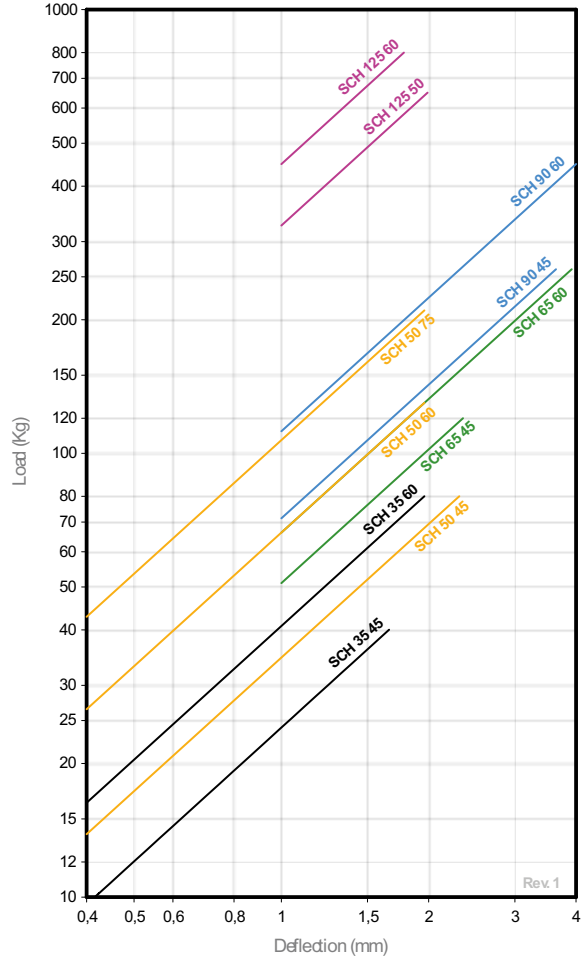
Type	Tightening torque Max (Nm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Q (mm)	T Max. (mm)	T Min. (mm)	Weight (gr)	R (mm)	Shore	Max. Load (kg)	Code
SCH 35	20,5	11	20,1	11	4	11	8,1	33,5	19,1	6	6	94	1	45 Sh	40	138677
														60 Sh	80	138678
SCH 50	71	20	31	19,5	10,5	20	13,5	49	30,5	14	12,5	153	1,5	45 Sh	80	138501
														60 Sh	130	138504
														75 Sh	210	138522
SCH 65	170	23	39,5	24	15	23	17	63,5	38,5	22	19	350	2,5	45 Sh	120	138502
														60 Sh	260	138505
SCH 90	290	25	58	31	17	25	23	88	57	29	25	675	3	45 Sh	260	138503
														60 Sh	450	138506
SCH 125	880	32	64,5	32	22	32	27	125,5	64	32	25	1440	3	50 Sh	650	138514
														60 Sh	800	138515

Elastical properties

NATURAL FREQUENCY AMC MECANOCAUCHO®
SCH ANTI VIBRATION MOUNTS



LOAD DEFLECTION GRAPH AMC MECANOCAUCHO®
SCH ANTI VIBRATION MOUNTS



OPERATION AND ASSEMBLY



The SCH mounts must be installed according to the following installation instructions:

They can be installed in frames of different thicknesses according to the values of T, given in the table below. The load vs. Deformation curves will vary depending on the thickness of the frame on which the mount is installed. This thickness "T" determines the degree of precompression of the mount.

For the correct installation of the mount, it is recommended to make a hole in the frame with diameter Q, given in the table below.

It is recommended to chamfer the hole so as not to damage the rubber.

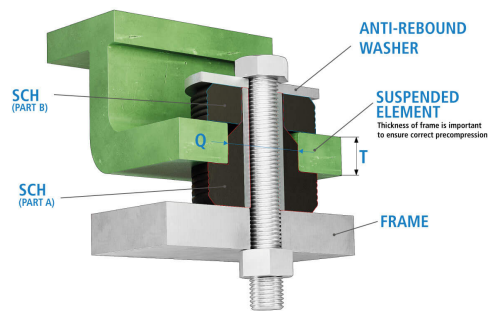
The use of washers is recommended in the event that the support surface does not completely cover the rubber surface.

Respect the tightening torque of the mount.

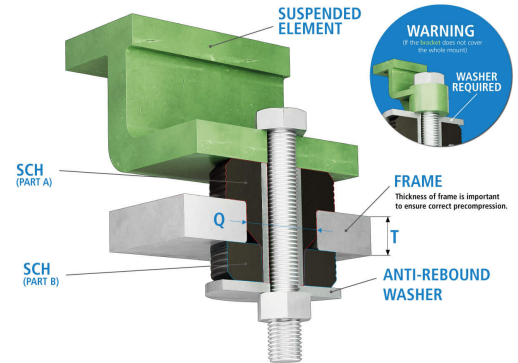
In case of any doubt, contact the technical department.

There are two possible configurations, see assembly 1 and assembly 2, for which the recommendations given in the following chart must be observed.

INSTALLATION OPTION 1



INSTALLATION OPTION 2



They can be installed in plates of different thicknesses according to the Tmax and Tmin values given in the table at the bottom.

The Load vs. Deformation curves will vary according to the thickness of the plate on which the mount is to be installed.