

Rubber Metal antivibration mounts

SOLID CONE



The AMC-Mecanocaucho® cones work the rubber in shear compression. They are composed of two parallel conical metal parts. They have two washers, one as a buffer and the other for centering.

TECHNICAL CHARACTERISTICS

The AMC-Mecanocaucho® Cone mounts are safe and stable elements. They do not allow the suspended elements to tilt, while being flexible enough to avoid the transmission of noise and vibration through the structure.

They are supplied with stop and centering washers. This renders deflection above the limits of the Mecanocaucho® Cones impossible, even at extreme loads.

The washers protect the natural rubber (which is highly elastic and highly resistant) from ozone and aging, as well as from metal knocks and dripping oil. The characteristic deflection curves of the AMC-Mecanocaucho® Cone mounts with centering washer are quite linear, increasing progressively as the load increases. Thanks to this they can safely dampen overloads of up to three times the maximum admissible load.

APPLICATIONS

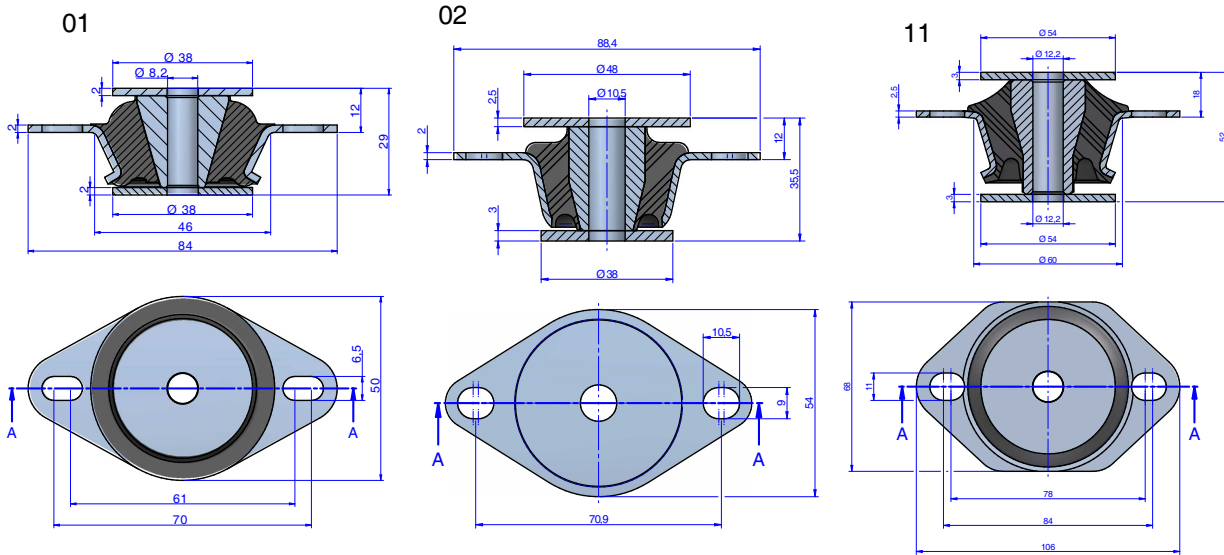
The cutouts on the rubber section offer different horizontal/vertical stiffness ratios. This feature is specially interesting for those applications where a lower stiffness is required in one of the axes. Our technical department can provide you the elastical constants par axis and can recommend you the optimal position of the cutouts.



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DRAWINGS



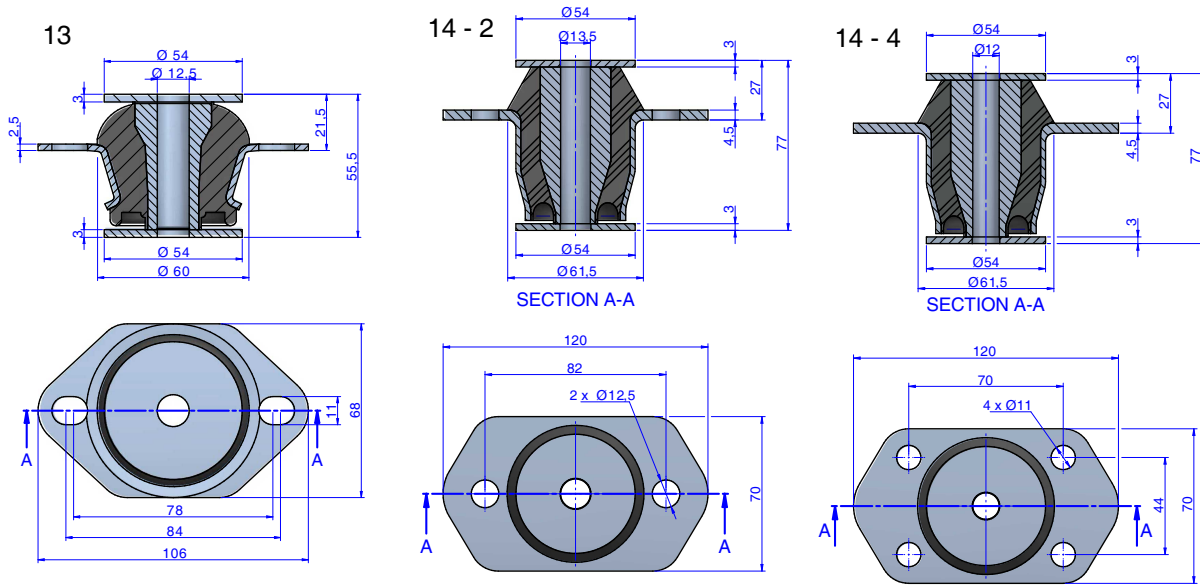
DIMENSIONS

Type	Weight (g.)	Load (kg.)	Shore	Code
01	128	40	45 Sh	137005
		70	60 Sh	137006
		105	70 Sh	137015
02	132	50	45 Sh	137010
		90	60 Sh	137011
11	409	100	45 Sh	137021
		180	60 Sh	137022
		270	70 Sh	137023

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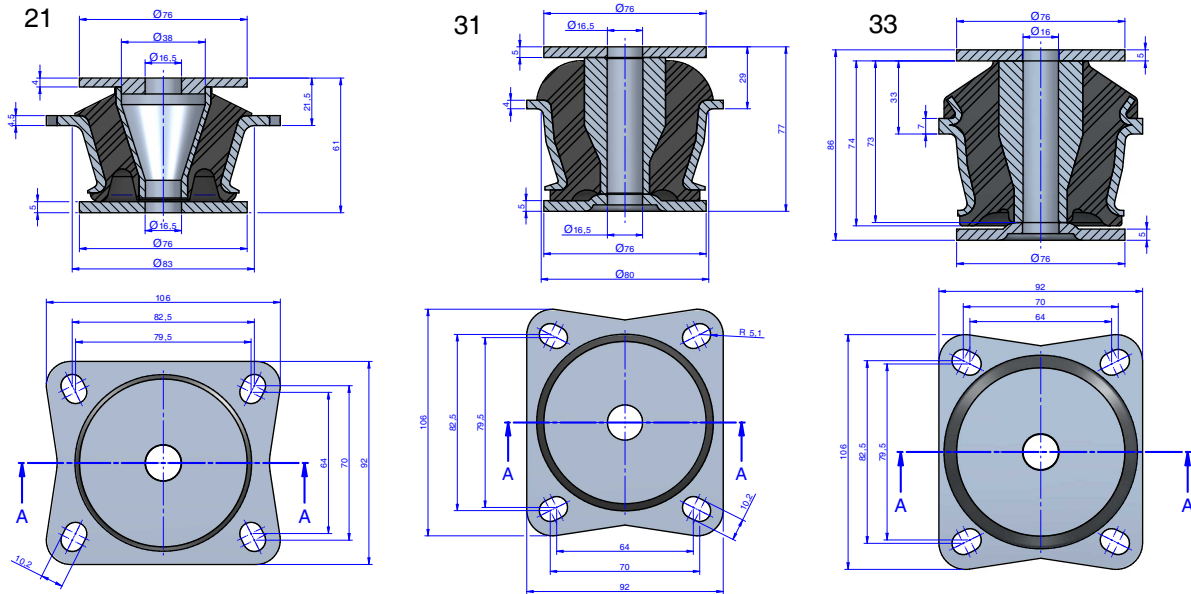
DIMENSIONS

Type	Weight (gr.)	Load (kg.)	Shore	Code
13	450	120	45 Sh	137921
		170	55 Sh	137922
		270	70 Sh	137925
14 - 2 holes	643	250	45 Sh	137930
		450	60 Sh	137931
		690	70 Sh	137932
14 - 4 holes	662	250	45 Sh	137935
		450	60 Sh	137936
		690	70 Sh	137937

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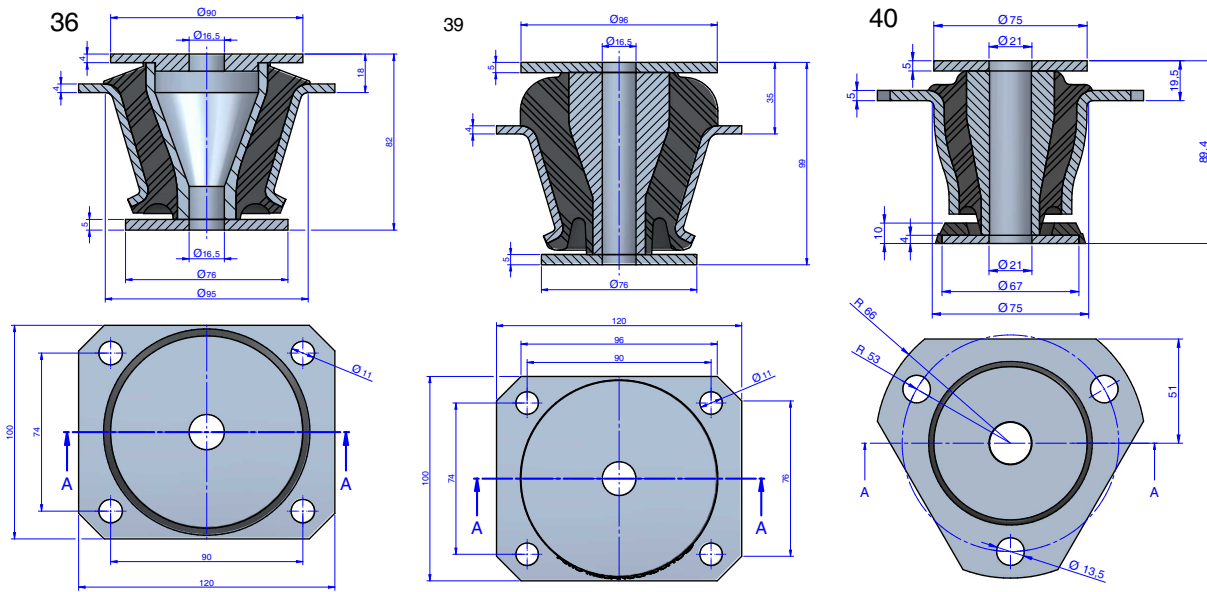
DIMENSIONS

Type	Weight (g.)	Load (kg.)	Shore	Code
21	560	180	45 Sh	137071
		300	60 Sh	137074
		500	70 Sh	137079
31	1188	310	50 Sh	137063
		500	60 Sh	137061
		750	70 Sh	137062
33	1462	300	45 Sh	137075
		600	60 Sh	137077
		900	70 Sh	137078

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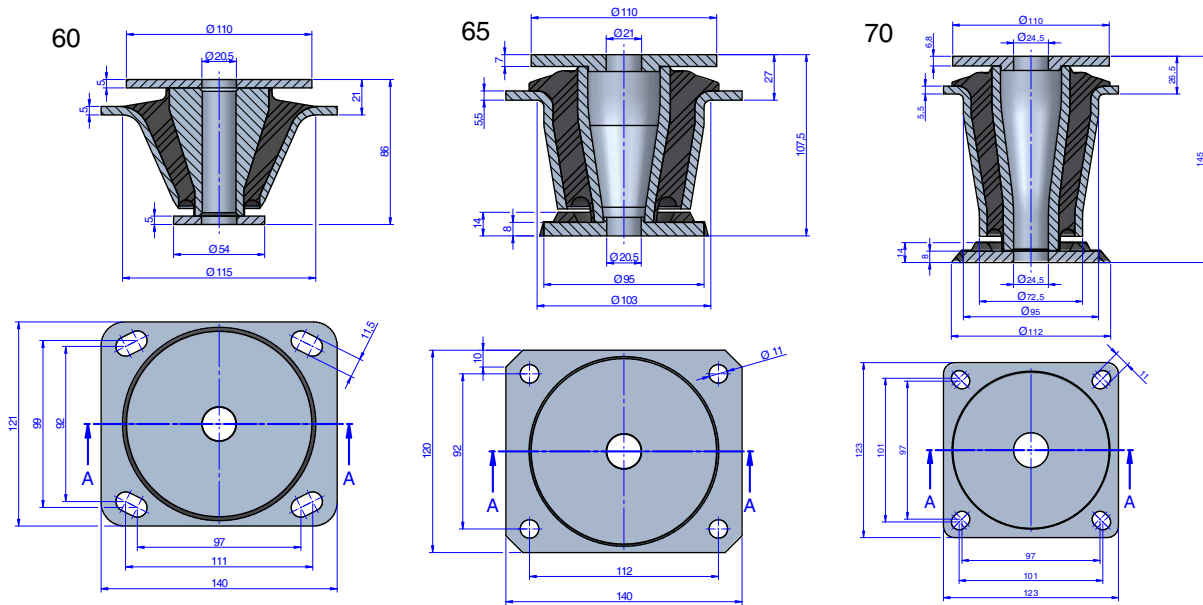
DIMENSIONS

Type	Weight (g.)	Load (kg.)	Shore	Code
36	1410	400	45 Sh	137171
		700	60 Sh	137172
		1100	70 Sh	137173
39	1438	400	40 Sh	137981
		600	50 Sh	137982
		900	60 Sh	137983
40	1216	420	45 Sh	137081
		690	60 Sh	137082
		1080	70 Sh	137083

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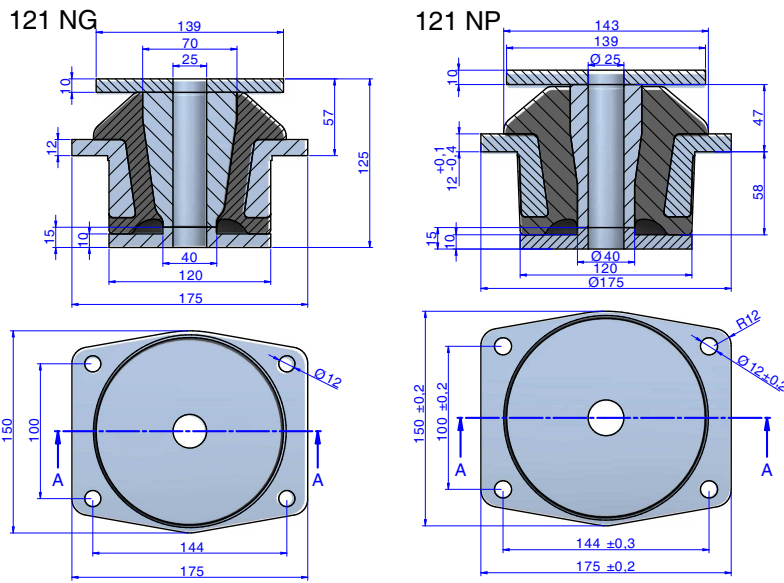
DIMENSIONS

Type	Weight (g.)	Load (kg.)	Shore	Code
60	1821	900	45 Sh	137091
		1250	60 Sh	137092
65	2965	500	50 Sh	137176
		1100	65 Sh	137177
70	3450	1560	75 Sh	137178
		1000	45 Sh	137101
		2100	60 Sh	137102
		2500	70 Sh	137103

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DIMENSIONS

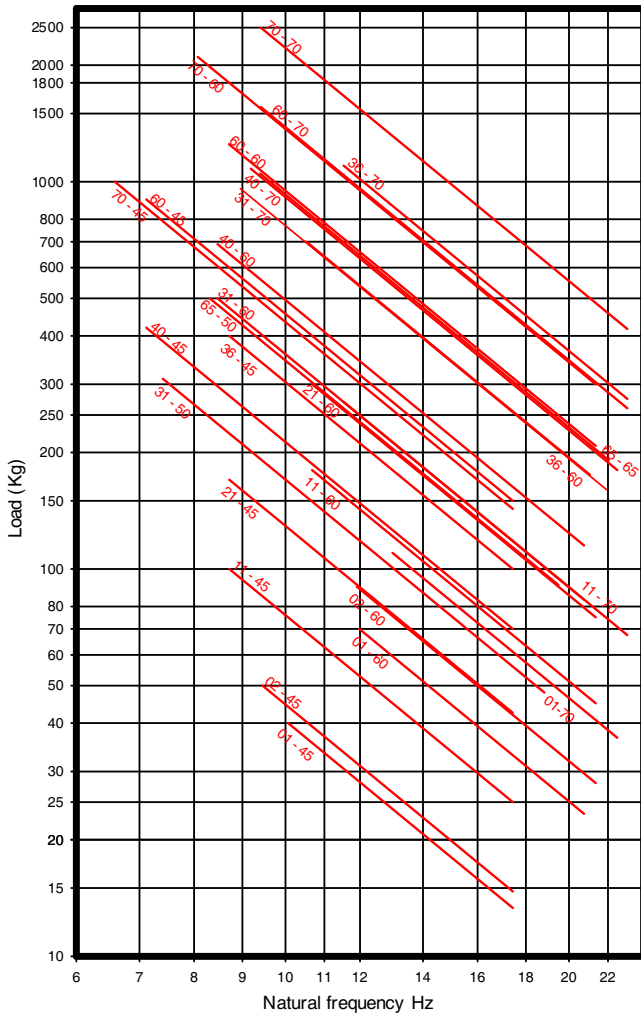
Type	Weight (gr.)	Load (kg.)	Shore	Code
121 NG	7840	1750	55 Sh	137830
		2000	65 Sh	137833
121 NP	6940	730	45 Sh	137841
		1200	55 Sh	137829

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ELASTICAL PROPERTIES

NATURAL FREQUENCIES A MC
MECANOCAUCHO® Type Solid cone



LOAD DEFLECTION GRAPHS
MECANOCAUCHO® Type Solid cone

