

# CONES

## DESCRIPTION

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.

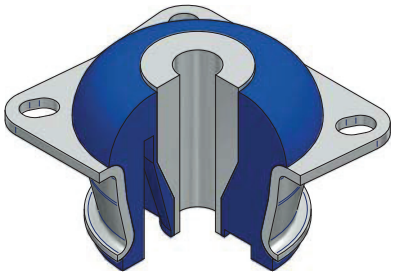
They are supplied with stop and centering washers. This renders deflection above the limits of the Mecanocaucho® Cones impossible, even at extreme loads.

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.

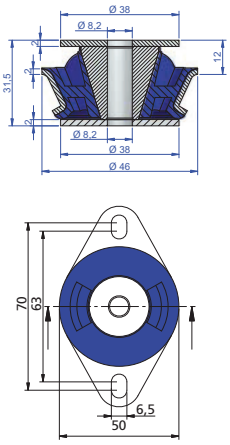
## CONICAL MOUNTS WITH CUTOUTS

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.

Out technical department can provide you the elastical constants par axis and can recommend you the optimal position of the cutouts.

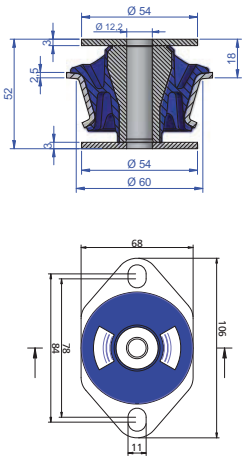


### TYPE 00 CONE



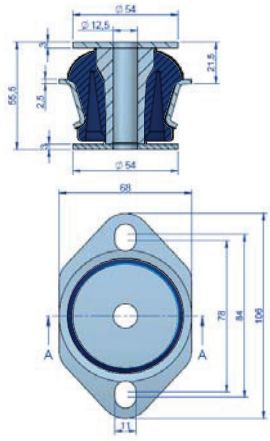

Top Washer Cone 00 code 610053
Lower Washer Cone 00 code 610053

### TYPE 10 CONE



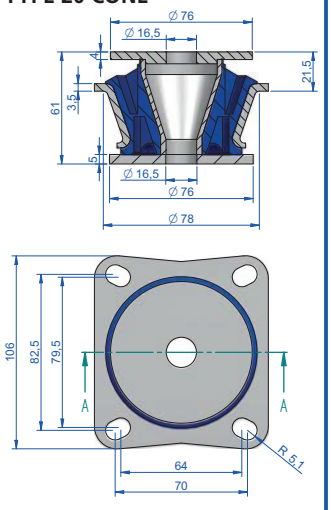

Top Washer Cone 20 code 611068
Lower Washer Cone 10 code 611068

### TYPE 12 CONE




Top Washer Cone 12 code 611068
Lower Washer Cone 12code 611068

### TYPE 20 CONE




Top Washer Cone 20 code 610049
Lower Washer Cone 20 code 610050

## TYPE CONE WITH CUTOUTS

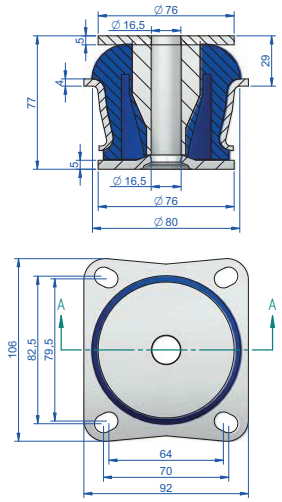
| TYPE | AMC | CODE 40 Sh | CODE 45 Sh | CODE 50 Sh | CODE 55 Sh | CODE 60 Sh | CODE 65Sh | CODE 70 Sh | WEIGHT (gr.) |
|---|---|---|---|---|---|---|---|---|---|
| 00 | Ref<br>Max. Load (Kg.) | | 137007<br>25 | | | 137008<br>50 | | 137009<br>75 | 126 |
| 10 | Ref<br>Max. Load (Kg.) | | 137001<br>75 | | | 137002<br>140 | | 137003<br>210 | 406 |
| 12 | Ref<br>Max. Load (Kg.) | | 137914<br>80 | | 137916<br>120 | | | 137918<br>200 | 407 |
| 20 | Ref<br>Max. Load (Kg.) | | 137031<br>120 | | | 137034<br>200 | | 137039<br>330 | 554 |
| 30 | Ref<br>Max. Load (Kg.) | 137041<br>140 | | 137043<br>190 | | 137042<br>300 | | | 1167 |
| 35 | Ref<br>Max. Load (Kg.) | | 137065 | 137066<br>200 | | 137067<br>320 | | 137068<br>450 | 1328<br>760 |
| 120 NP | Ref<br>Max. Load (Kg.) | | 137871<br>440 | | 137872<br>720 | | | | 6890 |



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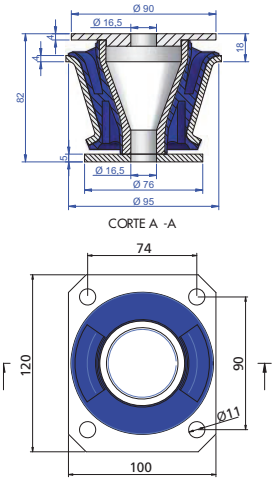
# CONES

## TYPE 30 CONE



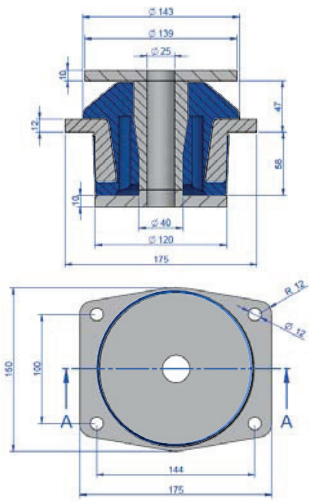

Top Washer Cone 30 code 608074
Lower Washer Cone 30 code 608125

## TYPE 35 CONE




Top Washer Cone 35 code 608082
Lower Washer Cone 35 code 608097

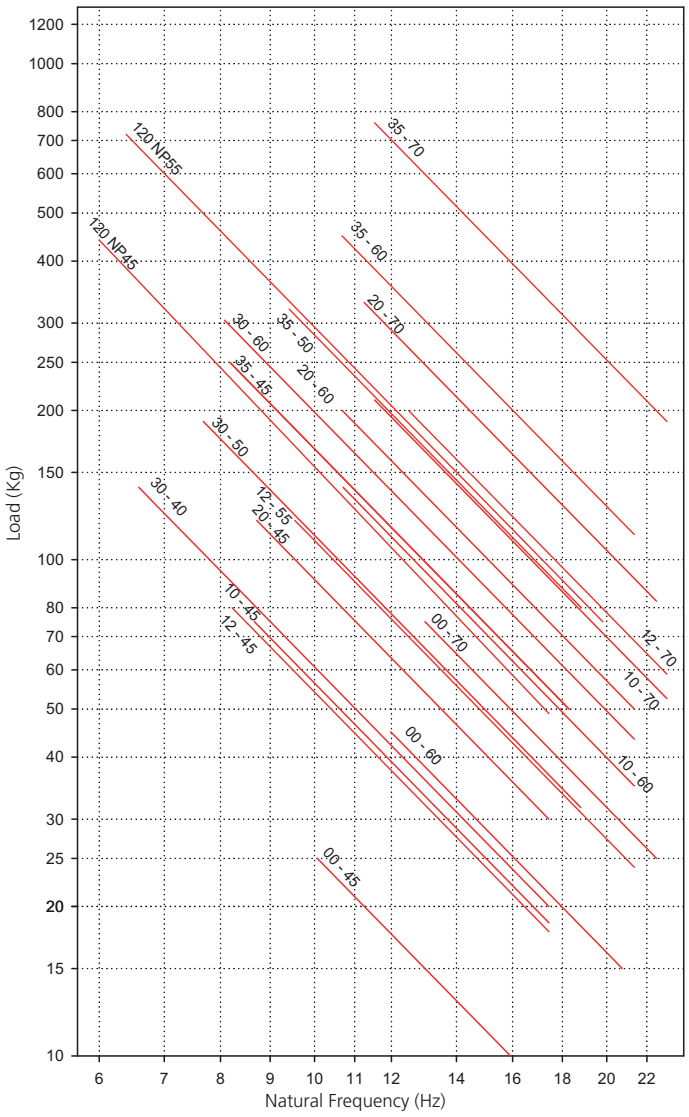
## TYPE 120 NP CONE




Top Washer Cone 120 code 606378
Lower Washer Cone 120 code 606379

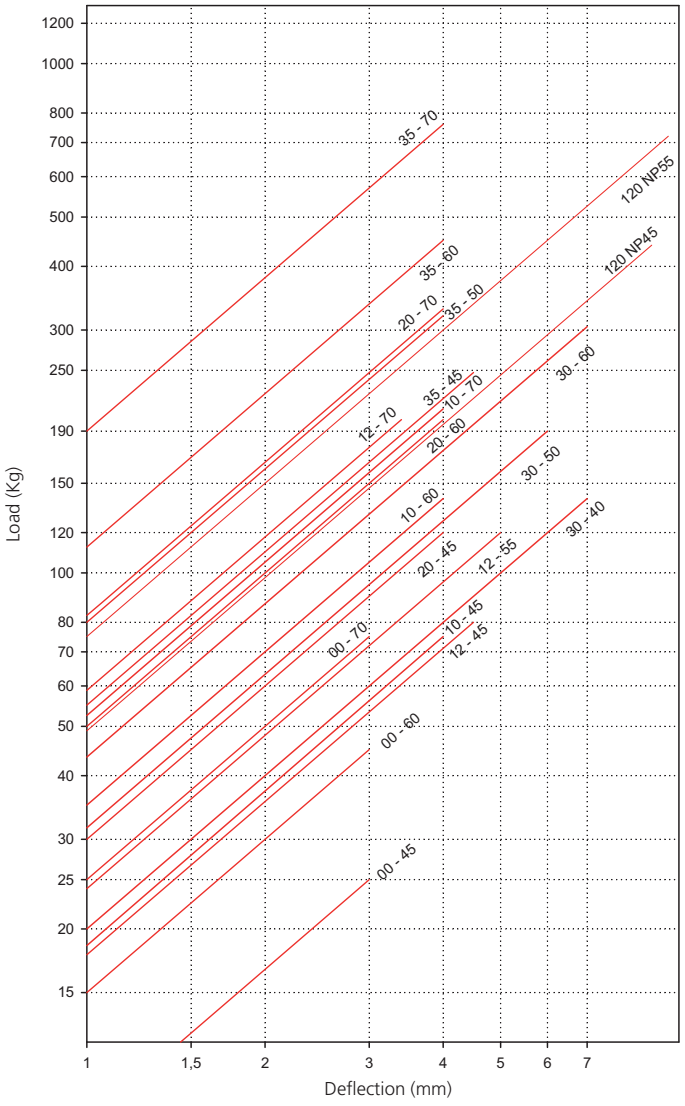
## CONICAL MOUNTS WITH CUTOUTS DYNAMIC

AMC NATURAL FREQUENCIES
MECANOCAUCHO® CONE TYPE




## DYNAMIC CONICAL MOUNTS WITH CUTOUTS DEFLECTION

AMC LOAD DEFLECTION GRAPHS
MECANOCAUCHO® CONE TYPE




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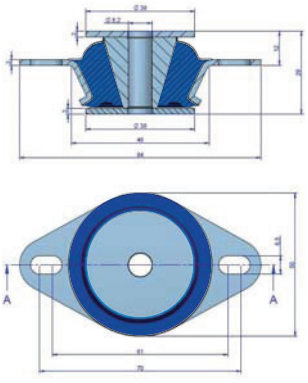
## SOLID CONE TYPE

**Shore 75

| TYPE | AMC | CODE 35 Sh | CODE 40 Sh | CODE 45 Sh | CODE 50 Sh | CODE 55 Sh | CODE 60 Sh | CODE 65 Sh | CODE 70 Sh | WEIGHT (gr.) |
|---|---|---|---|---|---|---|---|---|---|---|
| 01 | Ref<br>Load (Kg) | * | * | 137005<br>40 | * | * | 137006<br>70 | * | 137015<br>105 | 128 |
| 02 | Ref<br>Load (Kg) | * | * | 137010<br>50 | * | * | 137011<br>90 | * | * | 132 |
| 11 | Ref<br>Load (Kg) | * | * | 137021<br>100 | * | * | 137022<br>180 | * | 137023<br>270 | 409 |
| 13 | Ref<br>Load (Kg) | * | * | 137921<br>120 | * | 137922<br>170 | * | * | 137023<br>270 | 450 |
| 14-2 hole | Ref<br>Load (Kg) | * | * | 137930<br>250 | * | * | 137931<br>450 | * | 137925<br>300 | 643 |
| 14-4 hole | Ref<br>Load (Kg) | * | * | 137935<br>250 | * | * | 137936<br>450 | * | 137937<br>690 | 662 |
| 21 | Ref<br>Load (Kg) | * | * | 137071<br>180 | * | * | 137074<br>300 | * | 1379337<br>690 | 560 |
| 31 | Ref<br>Load (Kg) | * | * | * | 137063<br>310 | * | 137061<br>500 | * | 137062<br>960 | 1188 |
| 33 | Ref<br>Load (Kg) | * | * | 137075<br>300 | * | * | 137077<br>500 | * | * | 1462 |
| 36 | Ref<br>Load (Kg) | * | * | 137171<br>400 | * | * | 137172<br>700 | * | 137173<br>1100 | 1410 |
| 40 | Ref<br>Load (Kg) | * | * | 137081<br>420 | * | * | 137082<br>690 | * | 137083<br>1080 | 1216 |
| 60 | Ref<br>Load (Kg) | * | * | 137091<br>900 | * | * | 137092<br>1250 | * | 137093 | 1821 |
| 65 | Ref<br>Load (Kg) | * | * | * | 137176<br>500 | * | * | 137177<br>1100 | 137178**<br>1560 | 2965 |
| 70 | Ref<br>Load (Kg) | * | * | 137101<br>1000 | 137106 | 137107 | 137102<br>2100 | * | 137103<br>2500 | 3450 |
| 121 NG | Ref<br>Load (Kg) | * | * | * | * | 137830<br>1750 | * | 137833<br>2000 | * | 7840 |
| 121 NP | Ref<br>Load (Kg) | * | * | * | * | 137829<br>1200 | * | * | * | 6940 |

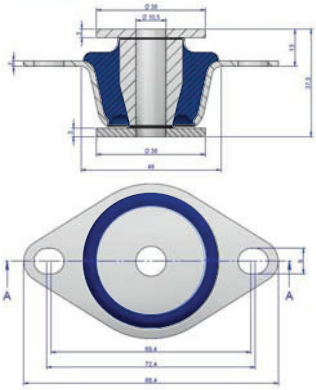
* Upon request

**TYPE 01 CONE**



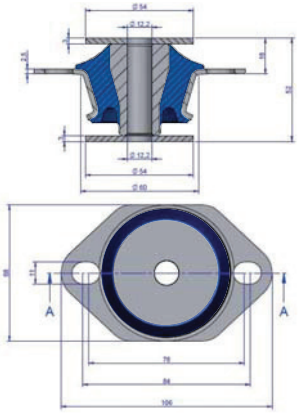
Top Washer Cone 01 code 610053
Lower Washer Cone 01 code 610053

**TYPE 02 CONE**



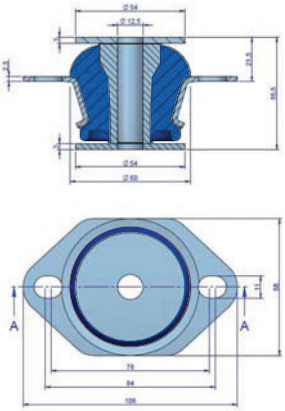
Top Washer Cone 02 code 610064
Lower Washer Cone 02 code 610064

**TYPE 11 CONE**



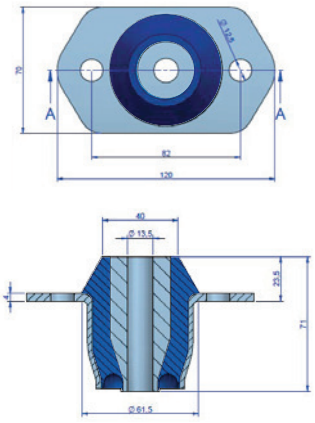
Top Washer Cone 11 code 611080
Lower Washer Cone 11 code 611080

**TYPE 13 CONE**



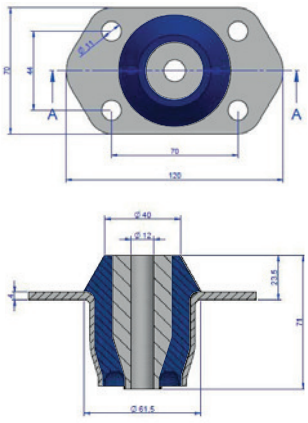
Top Washer Cone 13 code 611080
Lower Washer Cone 13 code 611080

**TYPE 14 - 2 holes CONE**



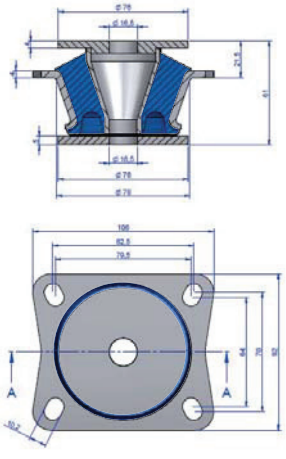
Top Washer Cone 14-2 code 611080
Lower Washer Cone 14-2 code 611080

**TYPE 14 - 4 holes CONE**



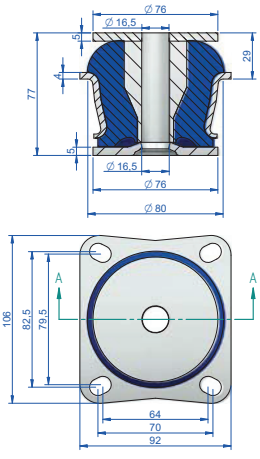
Top Washer Cone 14-4 code 611080
Lower Washer Cone 14-4 code 611080

**TYPE 21 CONE**



Top Washer Cone 21 code 606285
Lower Washer Cone 21 code 608074

**TYPE 31 CONE**



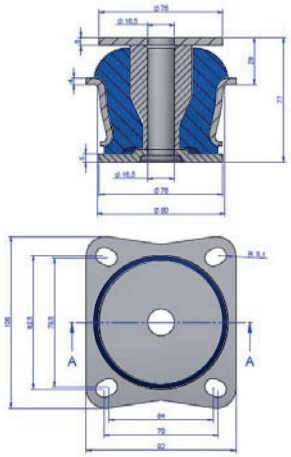
Top Washer Cone 31 code 608074
Lower Washer Cone 31 code 608125



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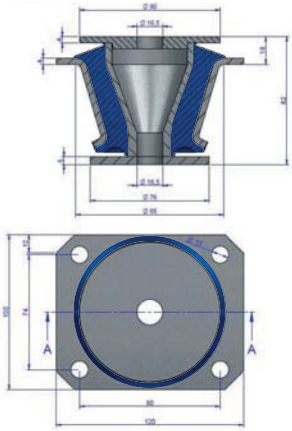
# CONES

## TYPE 33 CONE



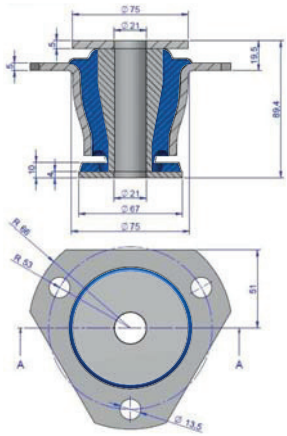
Top Washer Cone code 608074
Lower Washer Cone 33 code 608125

## TYPE 36 CONE



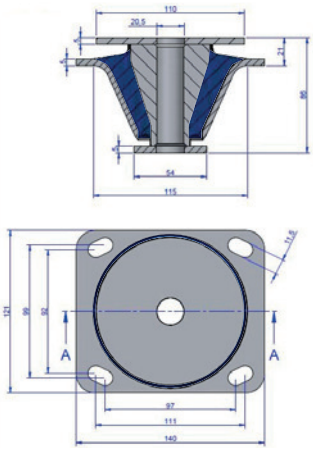
Top Washer Cone 36 code 608082
Lower Washer Cone 36 code 608074

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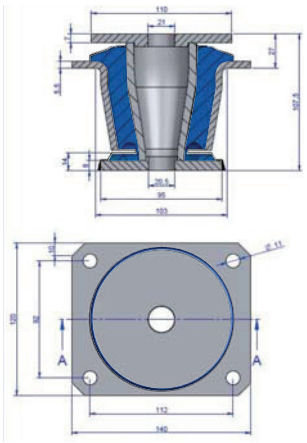
Top Washer Cone 36 code 610027
Lower Washer Cone 36 code 608069

## TYPE 60 CONE



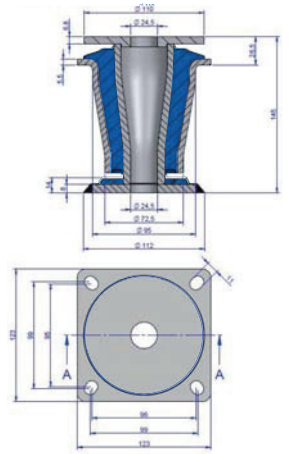
Top Washer Cone 60 code 610032
Lower Washer Cone 60 code 610033

## TYPE 65 CONE



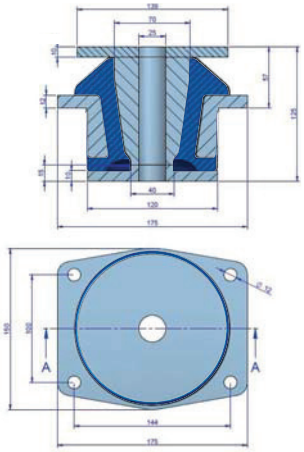
Top Washer Cone 65 code 608144
Lower Washer Cone 65 code 608072

## TYPE 70 CONE



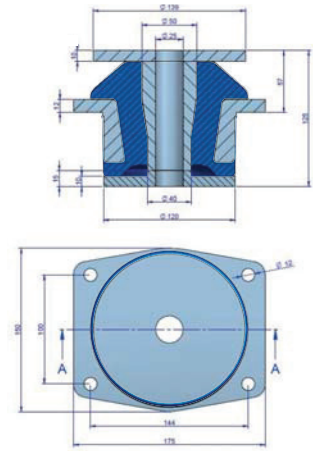
Top Washer Cone 70 code 608033
Lower Washer Cone 70 code 606145

## TYPE 121 NG CONE

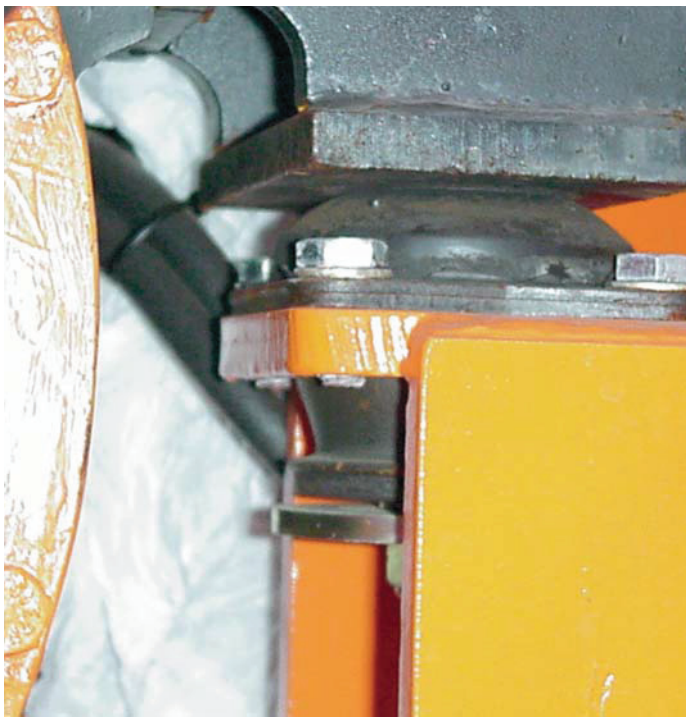


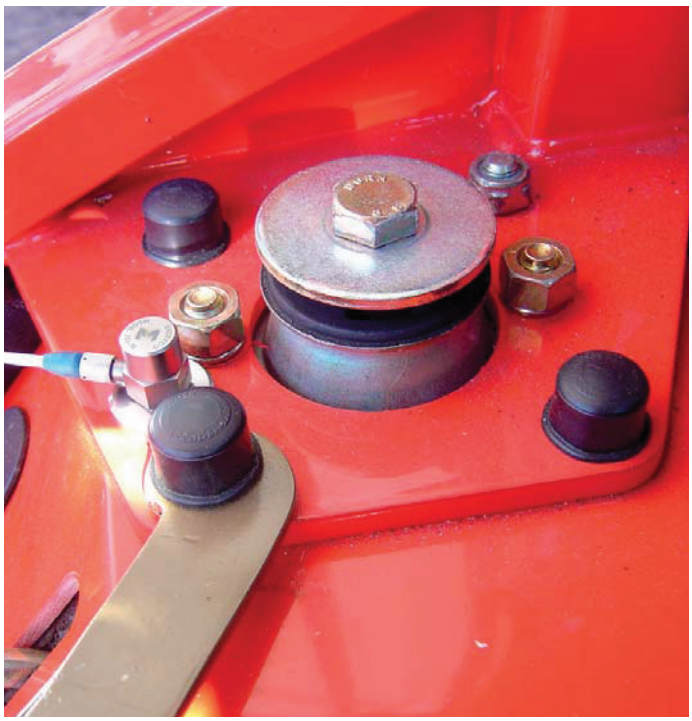
Top Washer Cone 121 code 606378
Lower Washer Cone 121 code 606379

## TYPE 121 NP CONE



Top Washer Cone 121 code 606378
Lower Washer Cone 121 code 606379

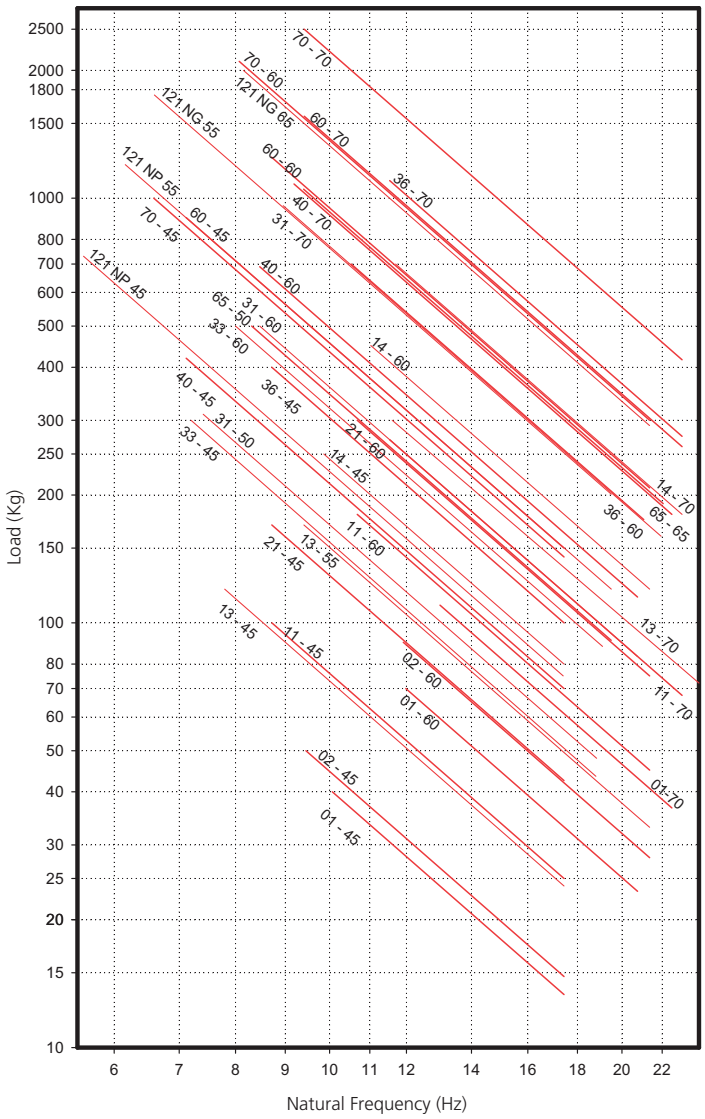




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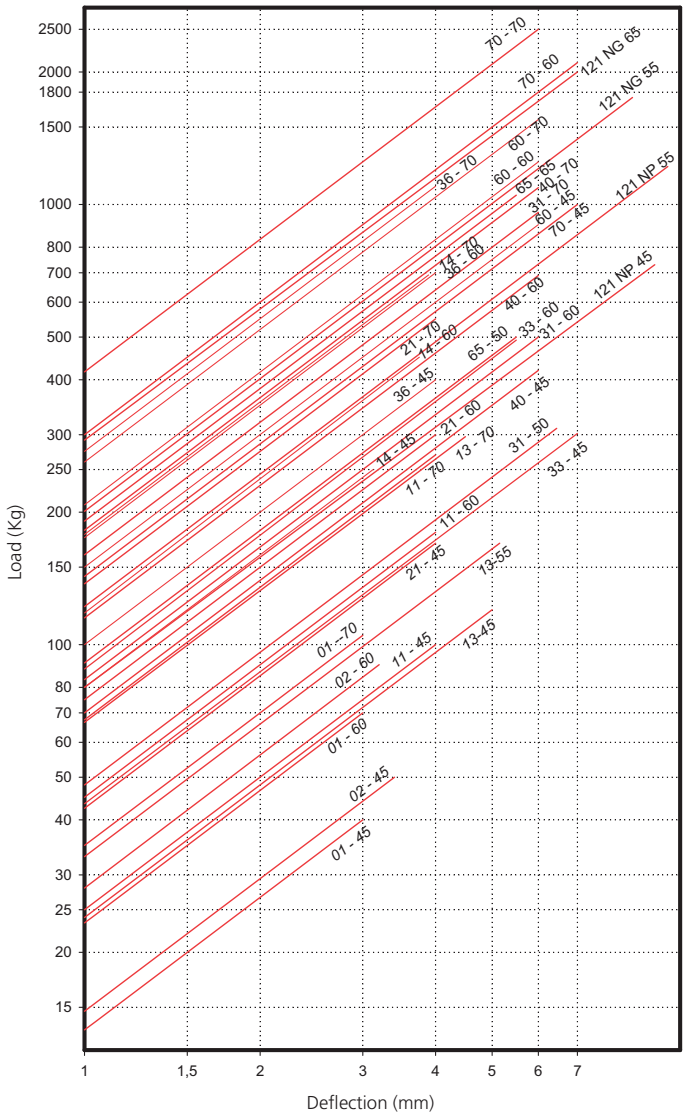
## DYNAMIC CONE

AMC NATURAL FREQUENCIES
MECANOCAUCHO® CONE TYPE




## DEFLECTION CONE

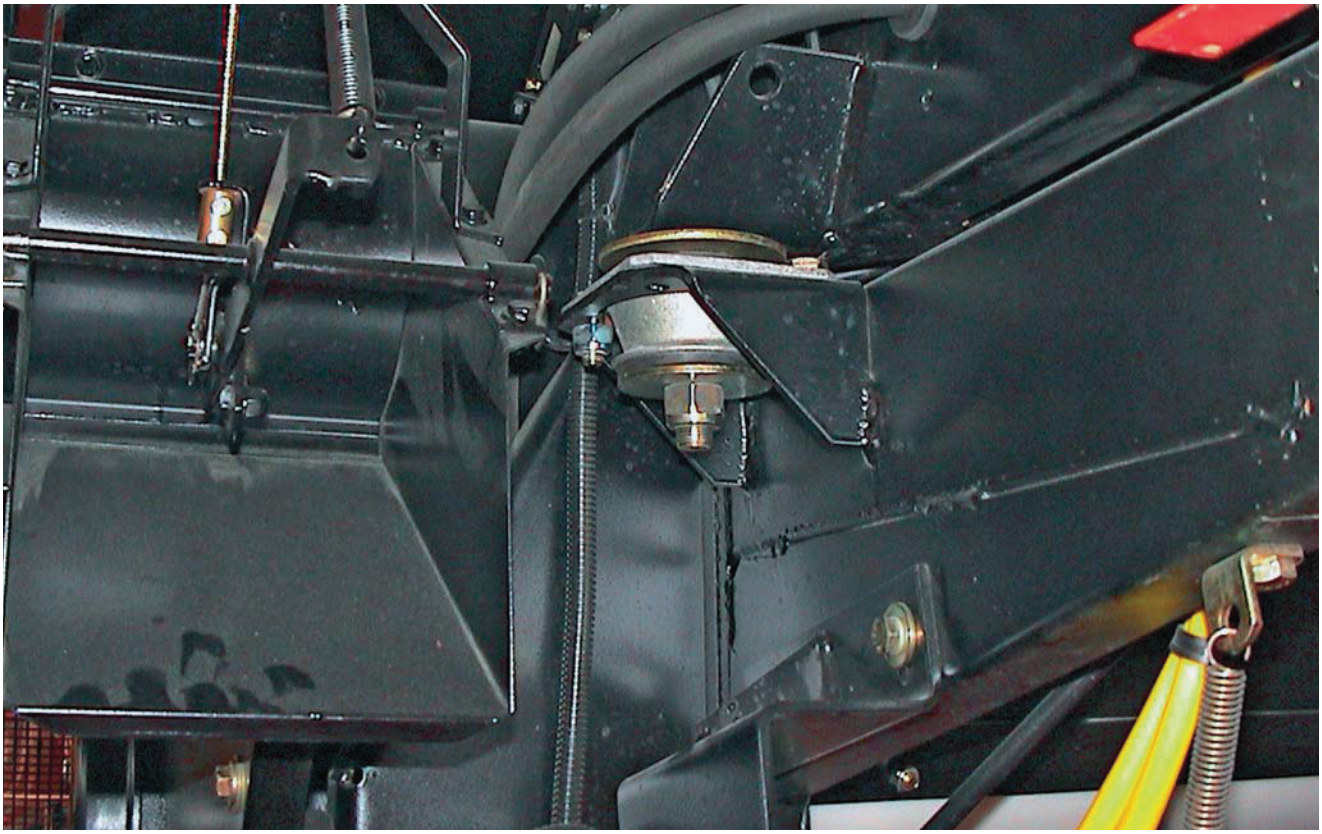
AMC LOAD DEFLECTION GRAPHS
MECANOCAUCHO® CONE TYPE






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