

### General description

The TG, TPM and TM series are designed to prevent the transmission of vibrations and structural noise of acoustic **ceilings** in halls and auditoriums, multi-cinemas, large department stores or areas which need to be vibro-acoustically insulated.

Also for air conditioning units and any dynamic equipment to be suspended from the **ceiling**.

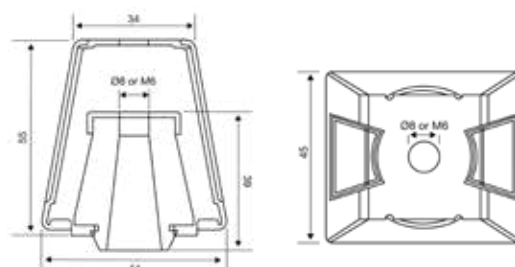
The TG, TPM and TM series have different modules, each of which is indicated for a specific application, depending on the weight to be supported and the disturbance frequency it generates. The TG series is in rubber only and TM and TPM models are with springs.



### Technical specification

#### TG Models

- Rubber Mount manufactured in NR (natural rubber)
- 2 rubber quality or hardness available.
- R6: metal housing M6 threaded, specially designed for acoustic ceilings
- P8: metal housing with hole diameter 8,5 mm unthreaded, recommended for HVAC application

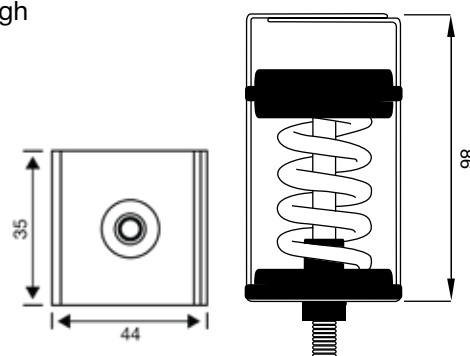


|                                    | TG 25 R6    | TG 50 R6    | TG 25 P8    | TG 50 P8    |
|------------------------------------|-------------|-------------|-------------|-------------|
| <b>Rubber hardness</b>             | NR 45° Sh A | NR 60° Sh A | NR 45° Sh A | NR 60° Sh A |
| <b>Deflection / mm</b>             | 6           | 5           | 6           | 5           |
| <b>Min. Load (Kg)</b>              | 5           | 10          | 5           | 10          |
| <b>Max. Load (Kg)</b>              | 25          | 50          | 25          | 50          |
| <b>Natural frequency min. load</b> | 12,9 Hz     | 12,9 Hz     | 12,9 Hz     | 12,9 Hz     |
| <b>Natural frequency max. load</b> | 7,1 Hz      | 9,1 Hz      | 7,1 Hz      | 9,1 Hz      |

#### TPM Models

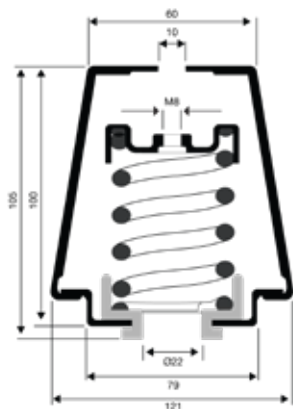
- Low frequency isolators very indicated for HVAC installations
- Springs are protected with epoxy-polyester resin painting, resulting in high resistance to weathering
- Colour coded for ease of identification

|                               | TPM 10 | TPM 20 | TPM 30 | TPM 60 |
|-------------------------------|--------|--------|--------|--------|
| <b>Min. Load (12 mm) (Kg)</b> | 3      | 5,5    | 8      | 16     |
| <b>Max. Load (20 mm) (Kg)</b> | 12     | 22     | 32     | 64     |
| <b>Spring color</b>           | BLUE   | RED    | BROWN  | GREEN  |

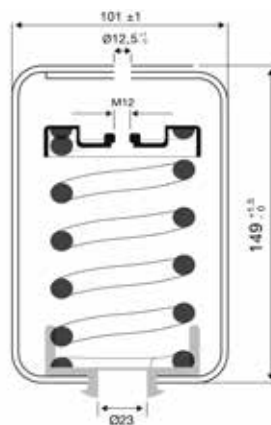
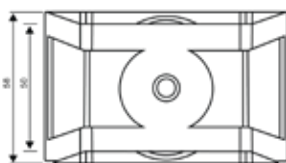


### TM Models

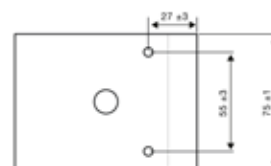
- Low frequency isolators very indicated for HVAC installations
- Springs are protected with epoxy-polyester resin painting, resulting in high resistance to weathering
- Colour coded for ease of identification



TM 15 / 125



TM 150 / 550



|                        | TM 5  | TM 15  | TM 25  | TM 50 | TM 75 | TM 100 | TM 125 |
|------------------------|-------|--------|--------|-------|-------|--------|--------|
| Min. Load (12 mm) (Kg) | 2     | 8      | 14     | 16    | 39    | 46     | 66     |
| Max. Load (25 mm) (Kg) | 5     | 15     | 25     | 50    | 75    | 100    | 125    |
| Spring color           | BLACK | ORANGE | PURPLE | GREEN | BLUE  | RED    | PINK   |

|                        | TM 150 | TM 200 | TM 250 | TM 350 | TM 450 | TM 550 |
|------------------------|--------|--------|--------|--------|--------|--------|
| Min. Load (15 mm) (Kg) | 71     | 75     | 106    | 146    | 192    | 221    |
| Max. Load (35 mm) (Kg) | 150    | 200    | 250    | 350    | 450    | 550    |
| Spring color           | GREEN  | YELLOW | BROWN  | GREY   | ORANGE | BLACK  |

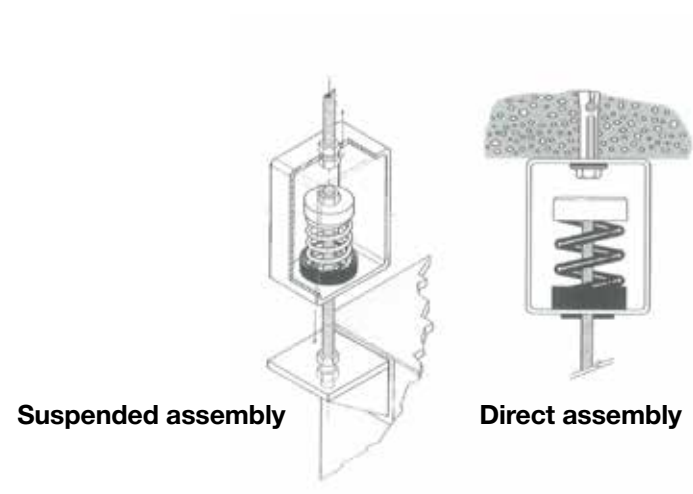
### Dynamic behaviour of our springs & rubbers

All our antivibration springs models have been tested in European Acousticals Laboratories in order to accomplish the EU Antivibration standard regulations.

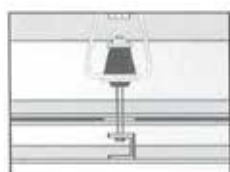
See Dynamic Behaviours results Exp n° 06/32006786



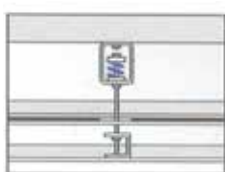
### Assembly



### Application



**Acoustics ceilings**



**Suspended pipes**



**Fan coils and ducts**

