GOM Serie

Rubber elastic suspensions

Index

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Information

GOM

• **SUPER GOM** and **GOM** and play an uncoupling function because they prevent metal-metal contact in fastening systems or joining surfaces. Being composed by a viscoelastic rubber, favor resistance to the passage of the vibrations (mechanical impedance) because it works apart and isolating the contact between two metal bodies.

SUPERGOM

• The Metal Gom (**MG y MGT**) are much more insulating than previous models because they avoid transmission of structural noise induced by mechanical vibration.
• They are supplied with two different configurations to meet a wide range of installation options. The **MGT** incorporates a housing that facilitates direct ceiling suspension. **GM** are ideal to insert into fixing angular ears and incorporating standard machine and metal sections used in suspension structures (RACs).

METAL GOM

MGT

WHAT ARE THEY COMPOSED OF?
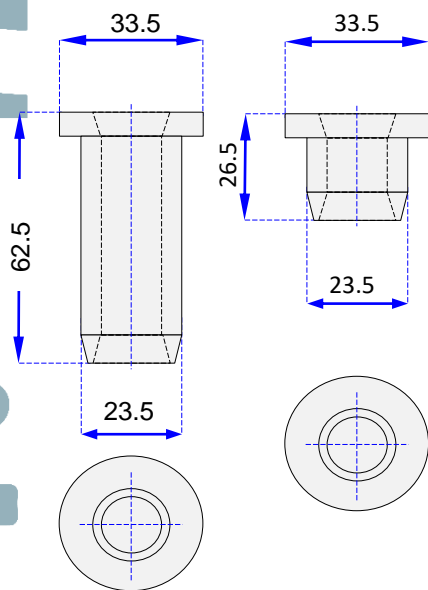**Vibcon dampers for suspended**

GOM are basically manufactured by viscoelastic rubber depending on the environment where they are placed. It is offered in different grades (EPDM, Silicone, etc.). In addition Gom Metal models (**MG** and **MGT**) main element is a spring made from "steel rope standard piano".

All components of these models are interchangeable among them multiplying different mounting configurations and also are environmentally friendly because they do not incorporate tails weldable heat in the rubber and steel joints, because they are highly polluting and it makes very difficult the recycling process.
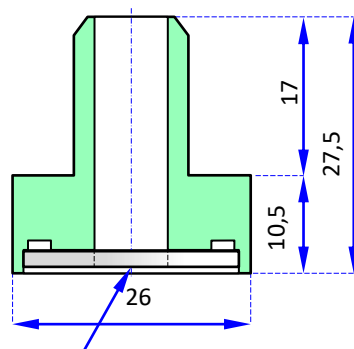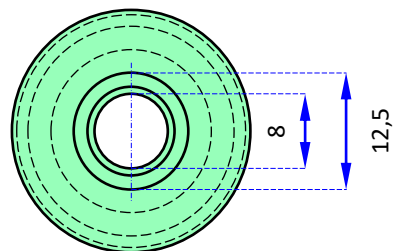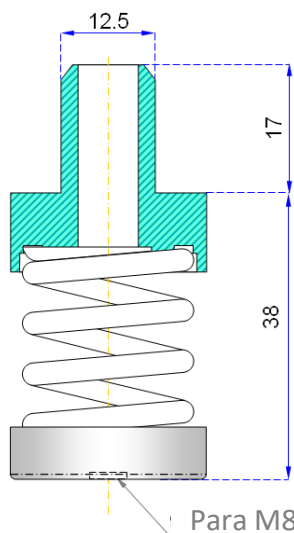
WHEN TO USE
Vibcon dampers for suspended

These products designed and manufactured by Vibcon are essential to install any type of machinery or electronic device (not exceeding 150 kg) to prevent vibration transmission to the roof, which consequently generate structural noise. With these dampeners an elastic attachment is achieved, and so also the the equipements of any building structure are completely separate .

Descripción y dimensiones

SUPERGOM

33.5

33.5

26.5

62.5

23.5

23.5

GOM

8

12,5

17

27,5

10,5

26

Washer DIN 9021

METAL GOM

8

12.5

26

12.5

17

38

Para M8

MGT

42

76

Ø 10 (mm)

Ø 10 (mm)
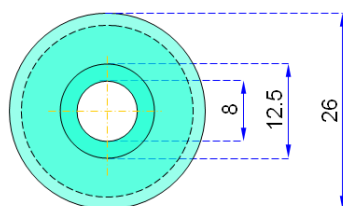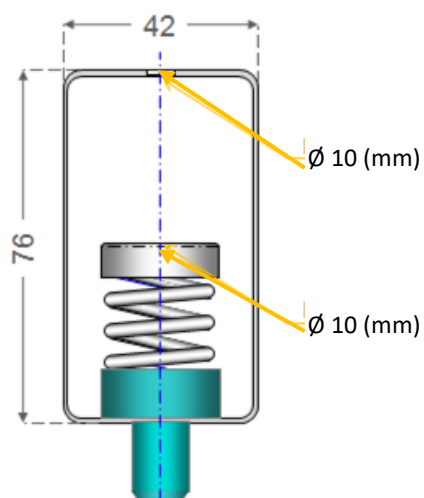
Para M6/M8

Graphic: Natural frecuency

SUPERGOM

Legend:
- Descarga
- Media (5)

(Y axis: 0 daN to 100 daN; X axis: 0,0 mm to 7,0 mm)

GOM

Legend:
- Descarga
- Media (5)

(Y axis: 0 daN to 70 daN; X axis: 0,0 mm to 5,0 mm)

METAL GOM

Legend:
- Metal GOM 06
- Metal GOM 12
- Metal GOM 24
- Metal GOM 48

(Y axis: Carga [daN] 0 to 50; X axis: Flecha [mm] 0 to 10)

MGT

Legend:
- MGT 06
- MGT 12
- MGT 24
- MGT 48

(Y axis: Carga [daN] 0 to 50; X axis: Flecha [mm] 0 to 10)
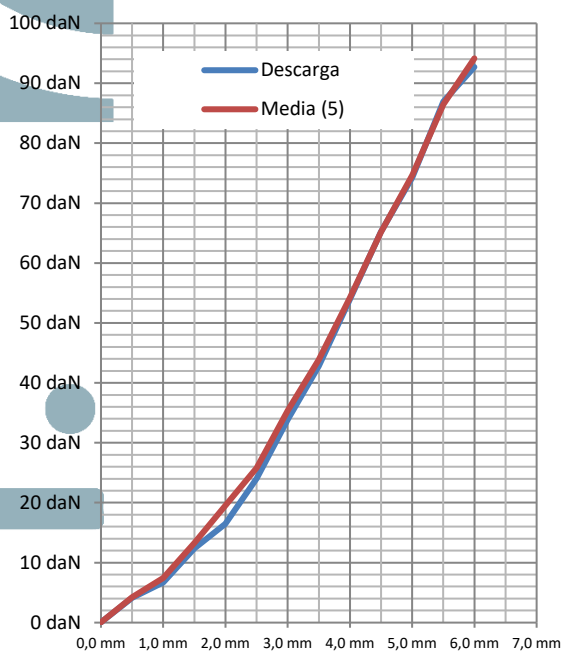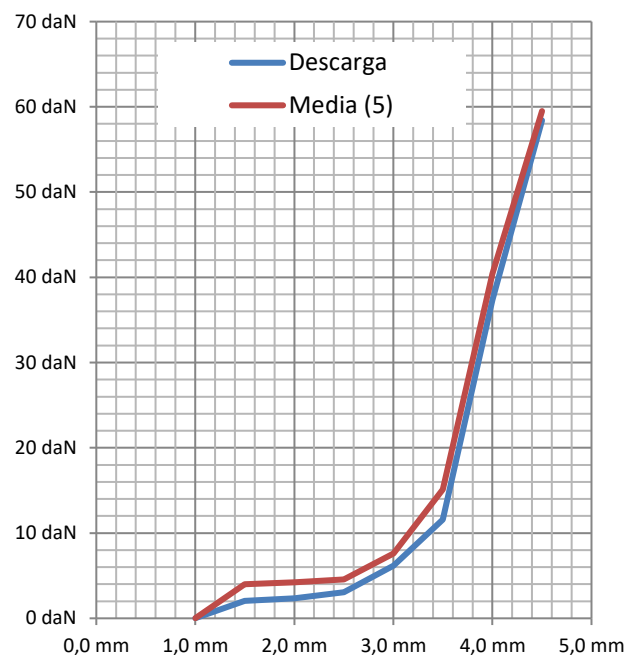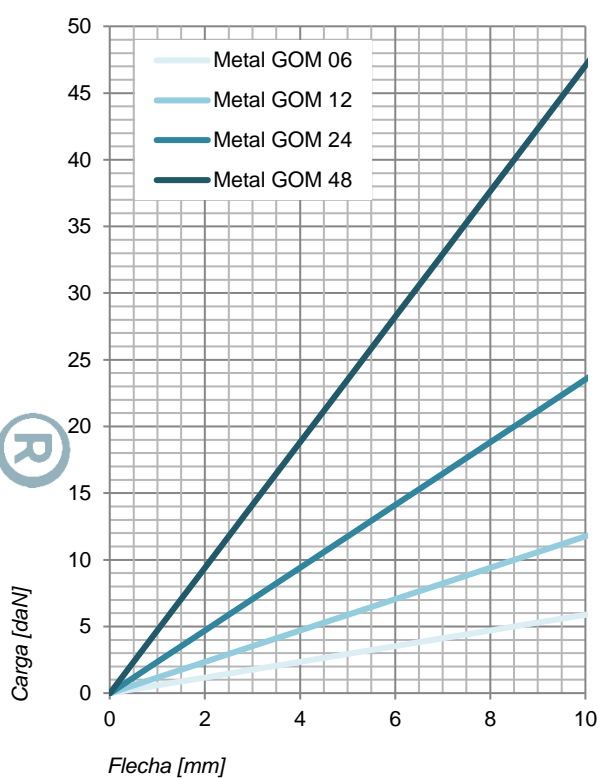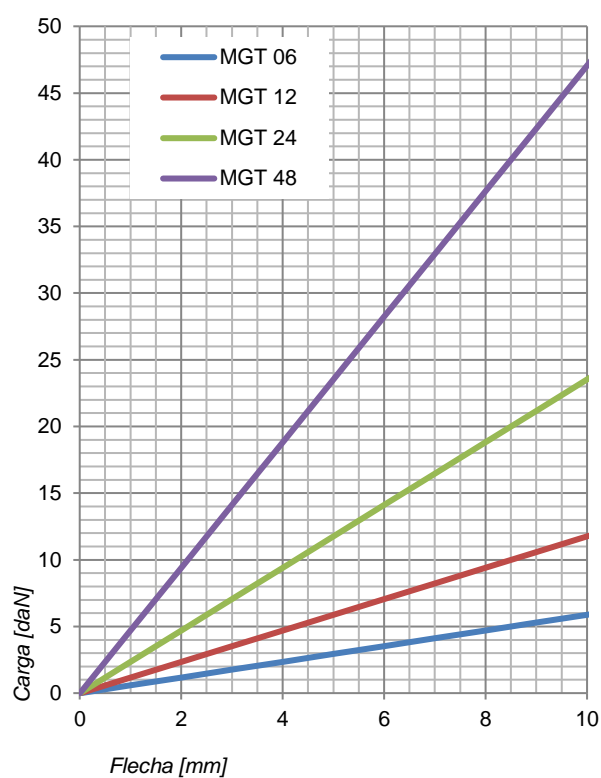
Assembly and application

SUPER GOM

L<20 mm

In attachment lug

Metallic support structure.

L

21<L<40 mm

L

GOM

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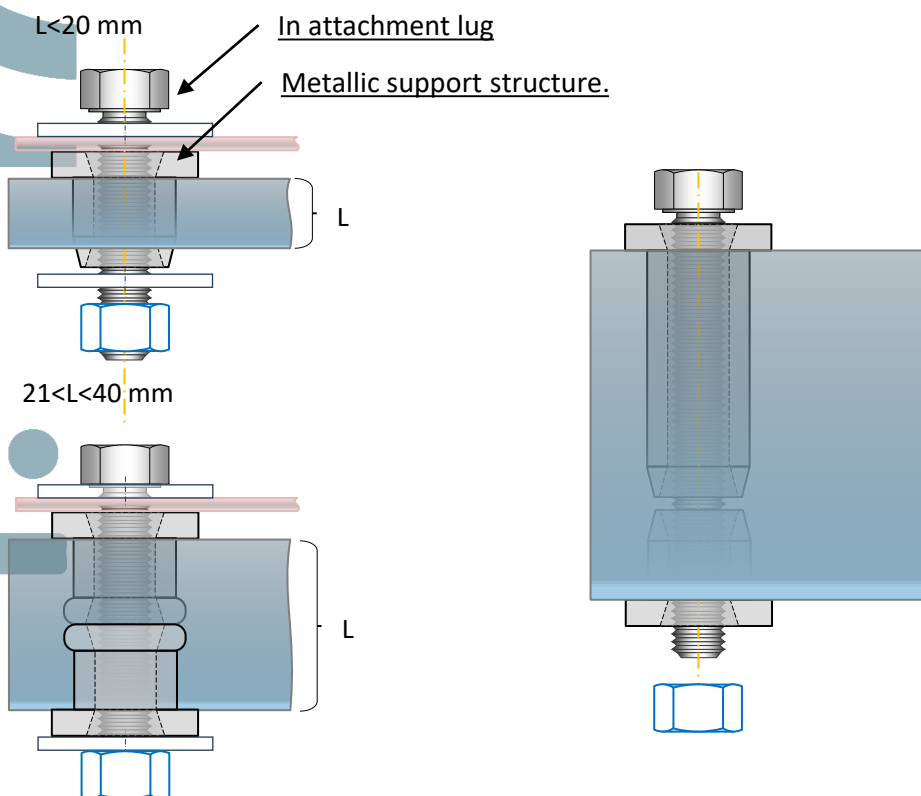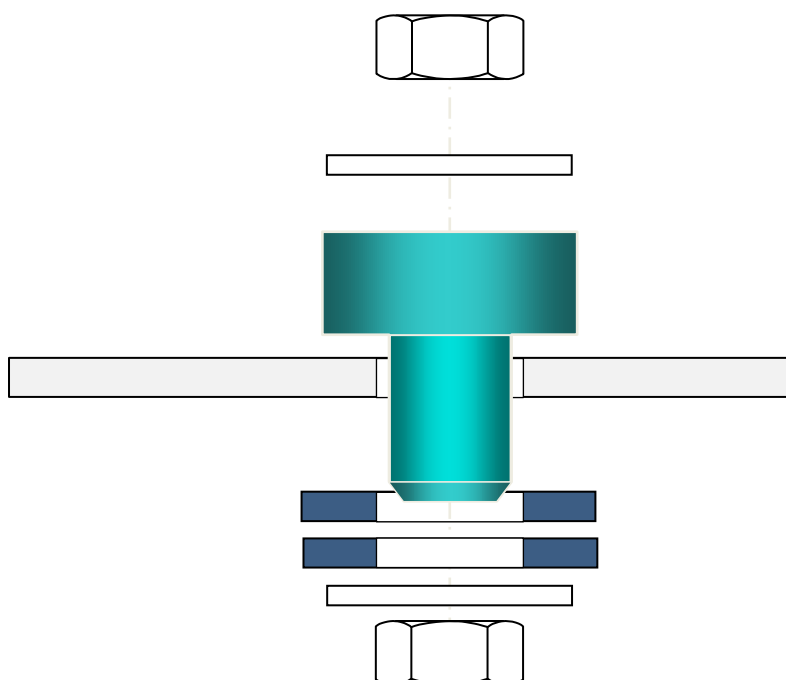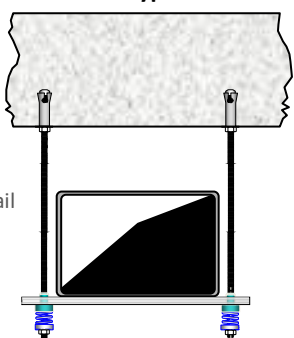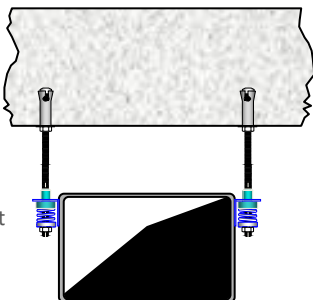
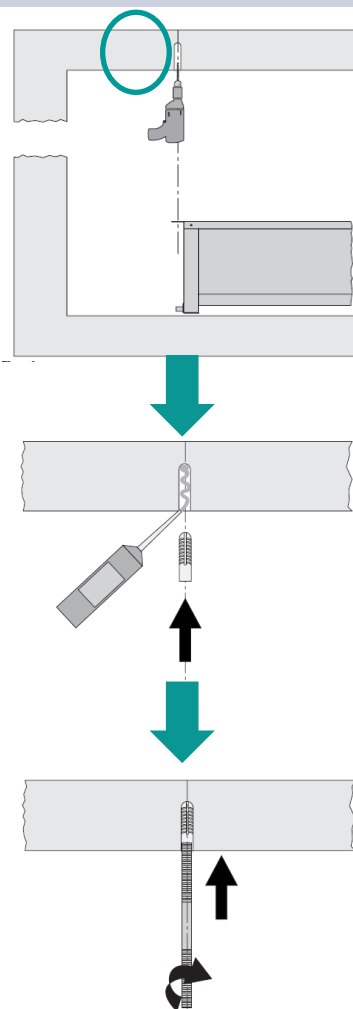**🛠 ⚙ *Montaje y aplicaciones***

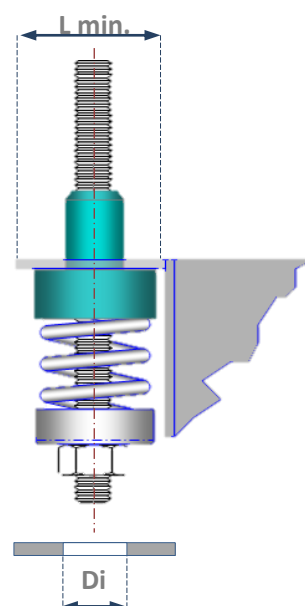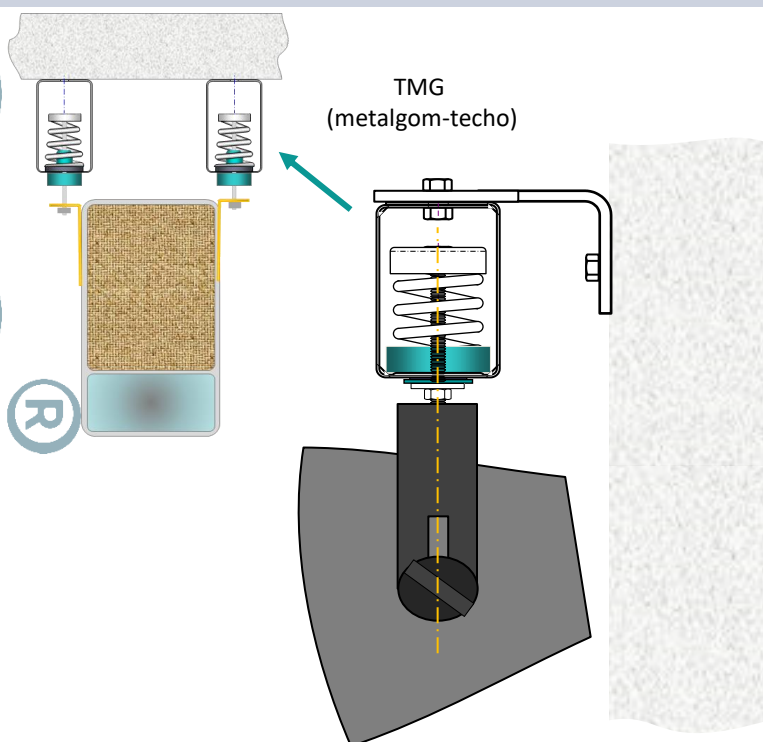## METAL GOM

Assembly types

In metal rail

In attachment lug

•Make 4/6 holes for suspending the fan coils.
• It recommended that the supports weight does not exceed 40Kg if a simple anchor is placed.
• For higher loads it is advisable to place chemical plugs.

MGT

TMG
(metalgom-techo)

L min.

Di

Di: Encaje para orificios de ⌀ 10,5 a ⌀ 12,5 mm

vibcon®

Vibroacústica Control y Aislamiento S.L.