

UN MUNDO DE SOLUCIONES

KEYS OF METAL TELESCOPIC COVERS

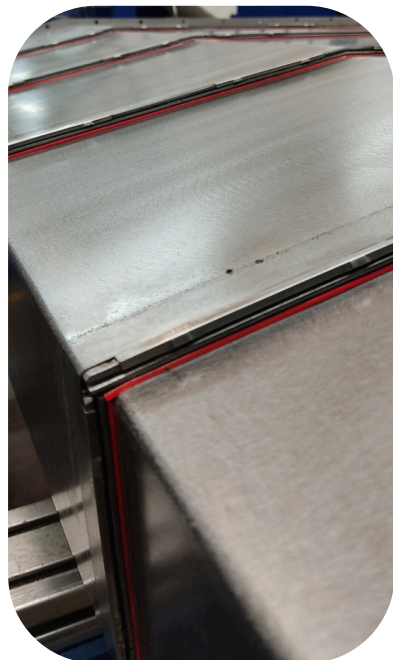
Metal telescopic covers are essential for protecting the most sensitive components of machines, such as linear guides and ball screws from contaminants and external damage.

Their proper functioning not only prevents costly breakdowns but also extends the life of the equipment and ensures continuous production, however, when they develop issues, they become a weak point that affects the performance of the entire machinery.

In this article, we will explore the most common failures in metal covers and how to effectively solve them to maintain your operations at peak performance.



**POSITIVE
IMPACT ON
OPERATIONAL
EFFICIENCY**



Most common issues:

Wear on sliding components

Over time, rails, seals, and bearings wear down due to continuous friction. Lack of lubrication or exposure to contaminants such as dust or coolant intensifies this problem, reducing their ability to move smoothly and potentially affecting the overall functioning of the machine.

Solution:

- Implement a preventive lubrication program.
- Replace components with high-quality spare parts.



Deformation due to impacts or overloads

Metal covers can suffer dents or crushing due to accidental impacts, improper handling or overloads in machines. These deformations affect their alignment and functionality compromising their ability to protect internal components.

Solution:

- Design covers with stronger materials or thicker or gauge .
- Train staff in proper handling techniques to avoid damage the covers.

Blockages from residue accumulation

Accumulation of metal shavings, dust or contaminants inside the covers can lead to blockages, hindering their movement and potentially damaging the protection system.

Solution:

- Integrate brushes/wipers or automatic cleaning systems in the covers to prevent residue buildup.
- Perform regular cleaning inspections.



CONTACT



(55) 5318 4146



ventas@grupogaden.com



(56) 2436 7295



Silca No. 4 Col. Vista Hermosa
Tlalnepantla, Estado de México
C.P. 54080



Proactively addressing common issues in metal telescopic covers ensures their durability and the optimal performance of industrial machines.

At Gaden S.A. de C.V. we have the experience and resources to repair, manufacture and customize covers that meet the specific needs of each client.

