



Ensuring your safety through technology



# Conical Spring

Primary suspension



## Service proven suspension

Primary suspension adapted to LRV's, metros and regional trains.

Provide guiding of the axle in longitudinal and lateral directions, and vertical damping with the bogie frame. They also assure homogeneous distribution of loads on the wheels, which is crucial to assure brake and traction performance and to avoid the risk of derailment.

RUBBER COMPLIANT WITH EN45545



## CUSTOMER BENEFITS :

- + Extended life time
- + Easy maintenance
- + Flexibility according to your needs
- + Life tracking by testing in MTC labs

Prototype



Ready to quote



Ready to produce



**In production**



### Credentials:

- More than 50.000 units produced each year

### References:

- **ALSTOM** – B20, B23, B25 platforms, Coradia
- **SIEMENS** – Avenio, Mireo, Inspiro
- **CAF** – Metros, Urbos
- **BOMBARDIER** – Talent, Dosto
- **STADLER** – Tralink, Metros

### Norms:

- EN45545 Fire & Smoke

## Product specifications

Customized designs

Service life from 10 to 15 years

Improved creep effect

Adapted to extreme environments -50°C - +80°C.



To discover everything **Conical Spring** can do, contact:

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