

ANTI-VIBRATION AND METALRUBBER COMPONENTS





## ANTI-VIBRATION AND METALRUBBER COMPONENTS

MAS DAMPER SRL was founded in 2019 by a Group of Industrial Investors which acquired the 25 years know-how and technology of Mediterr Shock absorbers S.p.A. – HASTA MAGI TECNOLOGIE S.R.L. The headquarters have been maintained in Asti/Italy in a complete new and functional plant adding the latest production systems and technologies to meet our customer's targets.

MSA DAMPER bushing department is perfectly integrated into production process and include injection and compression technologies (from 60 to 400 tons). The product range include: anti-vibration mounts, end-of-stroke pads, silent blocks, bushings and rubbers, elastic elements, torsion bar, connecting arm end bushing, screened support spring, Gorto springs, rubber rebound bumper, anti-vibration-damping floor, conical springs, gaskets, guards and technical articles on specific request.







In the railway industry, our rubber-to-metal components are engineered/designed to fulfill critical roles:

## 1. Reduction of Structure Vibration and Noise Isolation:

Rubber-to-metal components are used to isolate vibrations, oscillations and noise generated during train operations. This is particularly important for reducing vibrations transmitted to passengers and sensitive equipment, improving travel comfort and reducing component wear;

## 2. Compensation for Thermal Expansion:

Temperature changes can cause thermal expansion in railway materials, which must be managed to avoid structural damage.



MSA DAMPER has obtained the international certification ISO 9001-2015, welding certification EN3834-2/15085-2, ISOTS 22163: 2017-IRIS3, EN 1391, ISO14001 and ISO45001. The aftermarket products are certified as original parts and equal to those and can be mounted to replace the OE components.













## How can we ensure this?

MSA Damper guarantees its partners the delivery of reliable products with best performances and optimized service intervals, validated through its laboratory which performs also extreme life tests.

Moreover, through our static testing machine we evaluate the radial, axial, torsional and conical stiffness of the component according to the customers' requirements.







