

# TEVEMA Technical Information Product Catalog

## Introduction

Welcome to the TEVEMA Product Catalog. As a leader in providing high-quality air springs and reinforced rubber springs, we offer an extensive range of products tailored to meet various industrial needs. Our products are designed to provide superior performance, durability, and reliability. This catalog provides detailed technical information, specifications, and application examples for our product offerings.

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## 1. Overview

TEVEMA offers a comprehensive range of air springs and reinforced rubber springs. Our products are designed to meet the highest standards of quality and performance, ensuring optimal functionality in various applications.

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## 2. Single Convoluted Air Springs

### Description

Single Convoluted Air Springs are designed for applications requiring compact dimensions and high flexibility. These air springs are used primarily for vibration isolation and as actuators in various industries.

### Technical Specifications

- **Diameter Range:** Ø80 mm to Ø950 mm
- **Max Pressure:** 8 bar (standard), 12 bar (high strength)
- **Material Options:** NR/SBR, CIIR, NBR, EPDM, CR
- **End Closures:** Dismountable, Crimped, Bead Ring

### Application Examples

- Vibration isolation in industrial machinery
- Actuators in automation systems

### Downloads

- [Single Convoluted Air Springs Catalog](#)
- [Installation Guide](#)

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### 3. Double Convoluted Air Springs

#### Description

Double Convoluted Air Springs provide higher load capacity and flexibility, making them ideal for applications where larger movements are required.

#### Technical Specifications

- **Diameter Range:** Ø80 mm to Ø950 mm
- **Max Pressure:** 8 bar (standard), 12 bar (high strength)
- **Material Options:** NR/SBR, CIIR, NBR, EPDM, CR
- **End Closures:** Dismountable, Crimped, Bead Ring

#### Application Examples

- Suspension systems in vehicles
- Industrial vibration isolation

#### Downloads

- [Double Convoluted Air Springs Catalog](#)
  - [Installation Guide](#)
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### 4. Triple Convoluted Air Springs

#### Description

Triple Convoluted Air Springs offer maximum flexibility and load capacity, suitable for applications requiring significant movements and vibration isolation.

#### Technical Specifications

- **Diameter Range:** Ø80 mm to Ø950 mm
- **Max Pressure:** 8 bar (standard), 12 bar (high strength)
- **Material Options:** NR/SBR, CIIR, NBR, EPDM, CR
- **End Closures:** Dismountable, Crimped, Bead Ring

#### Application Examples

- Heavy-duty suspension systems
- Advanced industrial machinery

#### Downloads

- [Triple Convoluted Air Springs Catalog](#)
  - [Installation Guide](#)
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### 5. Standard Reinforced Rubber Springs

#### Description

Standard Reinforced Rubber Springs are designed for applications requiring durable and reliable vibration isolation. These springs are made from high-quality rubber compounds, offering excellent performance in various conditions.

### Technical Specifications

- **Diameter Range:** Ø80 mm to Ø950 mm
- **Material Options:** NR/SBR, CIIR, NBR, EPDM, CR
- **Max Pressure:** 8 bar (standard), 12 bar (high strength)

### Application Examples

- Vibration isolation in machinery
- Suspension components

### Downloads

- [Standard Reinforced Rubber Springs Catalog](#)
  - [Installation Guide](#)
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## 6. Advanced Reinforced Rubber Springs

### Description

Advanced Reinforced Rubber Springs are designed for applications that require enhanced performance and durability. These springs are manufactured using advanced rubber compounds and technologies.

### Technical Specifications

- **Diameter Range:** Ø80 mm to Ø950 mm
- **Material Options:** NR/SBR, CIIR, NBR, EPDM, CR
- **Max Pressure:** 8 bar (standard), 12 bar (high strength)

### Application Examples

- Heavy-duty industrial applications
- Specialized machinery

### Downloads

- [Advanced Reinforced Rubber Springs Catalog](#)
  - [Installation Guide](#)
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## 7. Automotive Applications

### Description

TEVEMA's air springs and reinforced rubber springs are widely used in the automotive industry. These products provide excellent vibration isolation, durability, and reliability in various automotive applications.

### Application Examples

- Suspension systems
- Engine mounts

### Downloads

- [Automotive Applications Catalog](#)

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## 8. Industrial Applications

### Description

Our products are designed to meet the demands of various industrial applications, providing reliable performance and excellent vibration isolation.

### Application Examples

- Industrial machinery
- Automation systems

### Downloads

- [Industrial Applications Catalog](#)
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## 9. Construction Applications

### Description

TEVEMA's air springs and reinforced rubber springs are used in the construction industry for their durability and performance in harsh conditions.

### Application Examples

- Construction equipment
- Building machinery

### Downloads

- [Construction Applications Catalog](#)
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## 10. Agricultural Applications

### Description

Our products are ideal for agricultural applications, offering excellent vibration isolation and durability in challenging environments.

### Application Examples

- Agricultural machinery
- Farm equipment

### Downloads

- [Agricultural Applications Catalog](#)
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## 11. Installation and Maintenance Guide

### Description

Comprehensive installation and maintenance instructions for all types of TEVEMA air springs and reinforced rubber springs.

## Downloads

- [Installation and Maintenance Guide](#)

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For more detailed information, please download the specific catalogs and guides from the links provided. If you have any questions or need further assistance, please contact our customer service team.