

# 65Mn Carbon Steel Extension Spring

This extension spring is made from 65Mn carbon steel. It is available in custom sizes and styles based on provided drawings, with wire diameters ranging from 1.0mm to 7.0mm.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance 65Mn Carbon Steel Extension Springs

These extension springs are engineered from 65Mn carbon steel, offering exceptional elasticity and durability for demanding mechanical applications. Available in diverse configurations and wire diameters, these components are designed to withstand repeated extension and compression cycles with consistent performance. They are ideal for high-precision use cases, including automotive systems, industrial equipment, and various consumer electronic applications.

## Technical Specifications

### Surface Treatment Options

Blackening • Zinc Plating • Nickel Plating • Chrome Plating • Silver Plating • Gold Plating • Powder Coated

### Wire Diameter Range

0.15mm - 50mm

### Available Materials

65Mn Carbon Steel, SWC Carbon Steel, Cold Roller Steel, Stainless Steel (SUS), Beryllium Copper, Phosphor Copper, Brass, Music/Piano Wire (SWP), 60Si2Mn, 55CrSi

## Applications

### Primary Applications

- Electronic products
- Children's toys
- Locks and Watches
- Glasses and Precision equipment
- Bicycles and Baby carriages
- Kitchen appliances
- Cameras and Office equipment
- Various vehicle systems

## Customization

### Customization Data Required

#### Parameter

Material

Wire diameter

Surface treatment

Inner & Outer diameter (ID/OD)

Free & Work length

Total & Active coils

Application