

## FEATURES

- Looped Ends
- Stainless Steel Material
- Oiled Finish
- High Quality Materials

# RS PRO Stainless Steel Extension Spring, 35mm x 7mm

RS Stock No.: 821-504



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

The Industrial Revolution has brought many useful parts that are still relevant and useful in the 21st century. One of them is Extension Spring, allowing day-to-day tasks to be efficient and safe

## General Specifications

<b>Material</b>	Stainless Steel
<b>Ends</b>	Looped
<b>Initial Tension</b>	1N
<b>Spring Rate</b>	0.13N/mm
<b>Surface Finish</b>	Oiled; Self
<b>Applications</b>	Extension Springs have their place in commercial and domestic use, such as: Robotics, Automotive Interiors and exteriors, Garage door assemblies, vice-grip pliers, Lever mechanisms, Carburetors, Trampoline, Washing devices, Farm machinery, Toys for children, Window screens, Pool cover tension springs, Tension Springs for sofa beds, Upholstery Tension Springs

## Mechanical Specifications

<b>Free Length</b>	35mm
<b>Maximum Extended Length</b>	101.50mm
<b>Outside Diameter</b>	7mm
<b>Wire Diameter</b>	0.63mm

## Operation Environment Specifications

**Maximum Working Temperature**

Music Wire- 120°C; Stainless Steel- 300°C

## Approvals

**Standards Met**

DIN17223 Class C; BS1408 CR3; DIN2097 Grade 2

