

## FEATURES

- Wide range of springs for different jobs
- Supplied in plastic compartment box
- Spring sizes and box layout information on box

# RS PRO Zinc Plated Steel Compression, Extension, Torsion Spring Kit, 378 Springs

RS Stock No.: 523-008



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

RS PRO range of assorted spring kits which are supplied in a handy and convenient storage box with individual compartments for easy identification of the springs. Spring kits are ideal for people regularly working with springs of different types and sizes, these RS PRO kits are particularly handy if you are unsure what size spring you will need for future applications.

Options include:

523-008 - 378-piece Zinc Plated Spring Kit containing Compression Springs, Extension Springs and Torsion Springs

280-111 - 156-piece Steel Alloy Spring kit containing Compression Springs, Extension Springs and Torsion Springs

687-557 - 110-piece Zinc Plated Spring kit containing Compression Springs and Extension Springs

## General Specifications

<b>Spring Types</b>	Compression, Extension, Torsion
<b>Material</b>	Zinc Plated Steel
<b>Spring Quantity</b>	378
<b>Applications</b>	<p>Compression springs- ball point pens, vehicles, mobile phones and valves</p> <p>Extension spring- garage doors, trampolines, white goods and tools</p> <p>Torsion springs- garage doors, digital cameras, mouse traps and vehicle suspension</p>

## Kit Contents

Includes	Length	Depth	Maximum Load
<b>Compression Spring</b>	6.4mm to 25.4mm	2.2mm to 7.6mm	2.22N to 18.37N



















Includes	Length	Depth	Free Angle
<b>Torsion Spring</b>	9.5mm to 15.9mm	2.6mm to 4.8mm	90° to 270°

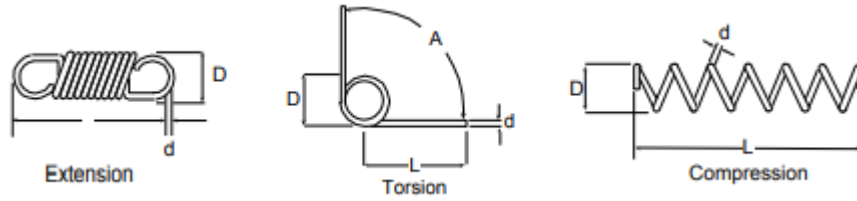
Includes	Length	Depth	Maximum Load
<b>Extension Spring</b>	9.5mm to 32mm	3.2mm to 4.7mm	2.67N to 12.89N

## Mechanical Specifications

<b>Maximum Length</b>	15.9mm, 25.4mm, 32mm
<b>Minimum Length</b>	6.4mm, 9.5mm
<b>Minimum Diameter</b>	2.2mm, 2.6mm, 3.2mm



 <b>D L d W X</b> 4.7 32.0 0.58 11.12 62.7 4.7 32.0 0.50 8.89 73.0	 <b>D L d W X</b> 4.7 25.4 0.56 11.12 47.8 4.7 25.4 0.50 8.89 55.6 4.7 19.0 0.56 11.12 33.8 4.7 19.0 0.50 8.89 37.1	 <b>D L d W X</b> 3.2 32.0 0.50 12.89 48.0 3.2 32.0 0.45 9.79 53.6 3.2 32.0 0.425 7.12 57.4	 <b>D L d W X</b> 3.2 25.4 0.50 12.89 37.8 3.2 25.4 0.45 9.79 42.2 3.2 25.4 0.425 7.12 45.0	 <b>D L d W X</b> 3.2 19.0 0.45 9.79 31.2 3.2 15.9 0.425 7.12 26.4 3.2 12.7 0.50 12.89 17.5	 <b>D L d W X</b> 2.4 25.4 0.375 8.00 40.9 2.4 25.4 0.35 6.67 46.0
 <b>D L d W X</b> 2.4 19.0 0.25 2.67 50.8 2.4 15.9 0.375 8.00 24.4 2.4 15.9 0.35 6.67 27.2	 <b>D L d W X</b> 2.4 12.7 0.25 2.67 31.0 2.4 9.5 0.375 8.00 13.7 2.4 9.5 0.35 6.67 14.5 2.4 9.5 0.25 2.67 21.1	 <b>D L n d A</b> 4.8 15.9 3 <sup>1</sup> / <sub>4</sub> 0.50 90 4.5 15.9 6 0.50 180 4.4 15.9 9 <sup>3</sup> / <sub>4</sub> 0.50 270	 <b>D L n d A</b> 4.0 12.7 3 <sup>1</sup> / <sub>4</sub> 0.425 90 4.4 12.7 6 0.425 180 4.0 12.7 9 <sup>3</sup> / <sub>4</sub> 0.425 270	 <b>D L n d A</b> 2.7 9.5 3 <sup>1</sup> / <sub>4</sub> 0.315 90 2.8 9.5 6 0.315 180 2.6 9.5 9 <sup>3</sup> / <sub>4</sub> 0.315 270	 <b>D L n d R W</b> 7.6 25.4 8 0.56 0.34 5.83 7.6 12.7 3 <sup>3</sup> / <sub>4</sub> 0.56 0.72 6.36 7.6 9.5 2 <sup>1</sup> / <sub>2</sub> 0.56 0.98 6.14
 <b>D L n d R W</b> 6 25.4 12 0.60 0.70 11.39 6 25.4 11 0.50 0.34 5.25	 <b>D L n d R W</b> 6 12.7 5 <sup>3</sup> / <sub>4</sub> 0.60 1.44 10.58 6 12.7 5 0.50 0.75 6.36 6 9.5 4 0.60 2.06 10.81 6 6.4 2 <sup>1</sup> / <sub>2</sub> 0.50 1.53 5.47	 <b>D L n d R W</b> 4.6 25.4 19 0.66 1.69 18.33 4.6 25.4 17 0.50 0.59 8.89 4.6 12.7 9 0.66 3.50 16.68 4.6 12.7 8 0.50 1.23 8.63 4.6 6.4 4 0.66 7.71 13.34 4.6 6.4 3 <sup>3</sup> / <sub>4</sub> 0.50 2.63 7.52	 <b>D L n d R W</b> 3.0 25.4 28 0.56 2.28 18.37 3.0 25.4 28 0.45 0.93 10.41 3.0 25.4 28 0.425 0.99 6.93	 <b>D L n d R W</b> 3.0 12.7 13 <sup>1</sup> / <sub>4</sub> 0.56 4.73 17.12 3.0 12.7 13 <sup>1</sup> / <sub>2</sub> 0.45 1.86 9.56 3.0 12.7 13 <sup>1</sup> / <sub>2</sub> 0.425 1.19 6.93 3.0 6.4 6 0.56 10.51 13.88 3.0 6.4 6 <sup>1</sup> / <sub>4</sub> 0.45 4.03 8.89 3.0 6.4 6 <sup>1</sup> / <sub>4</sub> 0.425 2.63 6.67	 <b>D L n d R W</b> 2.2 19.0 23 <sup>1</sup> / <sub>2</sub> 0.315 0.55 5.78 2.2 15.9 22 0.25 0.25 2.22 2.2 12.7 18 <sup>3</sup> / <sub>4</sub> 0.315 0.73 4.45 2.2 12.7 18 <sup>1</sup> / <sub>2</sub> 0.25 0.29 2.22 2.2 9.5 13 <sup>1</sup> / <sub>2</sub> 0.315 1.03 4.45 2.2 9.5 13 0.25 0.41 2.22



Dimensions		
Extension	Torsion	Compression
L. 9.5 to 32	L. 9.5 to 15.9	L. 6.4 to 25.4
D. 3.2 to 4.7	D. 2.6 to 4.8	D. 2.2 to 7.6
<b>Max. Load</b>	<b>Free Angle</b>	<b>Max. Load</b>
2.67 to 12.89 N	90° to 270°	2.22 to 18.37 N

