

## FEATURES

- Coil spring design for strength and elasticity
- Wire diameter ends up to 0.8mm are squared and unground
- Wire diameter ends 1.00mm and over are squared and ground
- Manufactured with a right hand helix
- Spring can be directly put on the rod products

## RS PRO Steel Alloy Compression Spring, 34.5mm x 6mm, 4.4N/mm

RS Stock No.: 751-562



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

A range of compression springs from our RS PRO offer which come in various sizes and lengths and with closed and ground and closed not ground end types. Compression springs are very popular as they can store a large amount of energy in a small space making them ideal for a great range of uses.

## General Specifications

<b>Materials</b>	Steel Alloy
<b>Ends</b>	Closed
<b>Applications</b>	Ball point pens, Vehicles, Mobile phones, Valves, Electrical switches

## Mechanical Specifications

<b>Outside Diameter</b>	6mm
<b>Wire Diameter</b>	1mm
<b>Free Length</b>	34.5mm
<b>Minimum Working Length</b>	24.6mm
<b>Load at Minimum Working Length</b>	43.74N
<b>Spring Rate</b>	4.4N/mm

## Approvals

<b>Compliance/Certifications</b>	DIN 2095 (grade 2)
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RS Stock No.	Free Length	Outside Diameter	Spring Rate	Minimum Working Length
751499	38.5 mm	5.63 mm	0.7N/mm	16.2 mm
751506	54 mm	6.93 mm	0.63N/mm	17.7 mm
751534	36 mm	5.8 mm	1.8N/mm	21.5 mm
751540	68 mm	8.8 mm	0.44N/mm	23.8 mm
751556	45.5 mm	10.8 mm	0.49N/mm	14.3 mm
751562	34.5 mm	6 mm	4.4N/mm	24.6 mm
751578	30.5 mm	7.3 mm	3.26N/mm	19.9 mm
751584	28.5 mm	9 mm	2.33N/mm	14.3 mm
751590	59 mm	9 mm	1.08N/mm	28.3 mm
751607	26 mm	11 mm	1.85N/mm	11.2 mm
751613	56 mm	11 mm	0.81N/mm	22.4 mm
751629	55.5 mm	13.5 mm	0.61N/mm	19.4 mm
751641	22 mm	9.25 mm	8.92N/mm	10.5 mm
751657	69 mm	9.25 mm	2.69N/mm	30 mm