

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, 41.5mm x 13.75mm, 2.31N/mm

RS Stock No.: 121-179



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

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

Mechanical Specifications

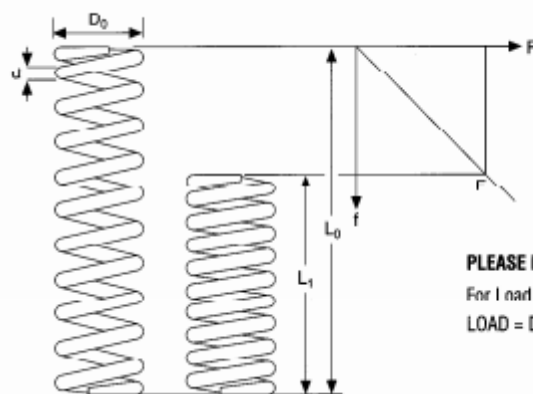
Outside Diameter	13.75mm
Wire Diameter	1.25mm
Free Length	41.5mm
Minimum Working Length	11.6mm
Load at Minimum Working Length	69.04N
Spring Rate	2.31N/mm

Approvals

Compliance/Certifications	DIN 2095 (grade 2)
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RS Stock No.	Free Length	Outside Diameter	Spring Rate	Minimum Working Length
121157	29.5 mm	11.25 mm	4.51N/mm	10.8 mm
121179	41.5 mm	13.75 mm	2.31N/mm	11.6 mm
121185	94 mm	17.25 mm	0.72N/mm	18.5 mm
121191	45 mm	9.6 mm	10.4N/mm	24.8 mm
121220	53.5 mm	14.1 mm	4.04N/mm	20.1 mm
121242	110 mm	21.6 mm	0.99N/mm	25.5 mm
121270	98 mm	18 mm	3.19N/mm	35.9 mm
121286	135 mm	22 mm	1.63N/mm	38.8 mm
121292	135 mm	27 mm	1.23N/mm	31 mm
121315	48.9 mm	15 mm	11.96N/mm	27.4 mm
751360	15.7 mm	2.75 mm	0.22N/mm	5 mm
751455	31 mm	4.5 mm	0.54N/mm	14 mm
751483	20 mm	4.63 mm	2N/mm	11.3 mm



PLEASE NOTE:

For Load Calculation at any Working Length use
LOAD = DEFLECTED LENGTH x RATE