

FEATURES

- Wide range of springs for different jobs
- Supplied in plastic compartment box
- Easy viewing and selection of springs

RS PRO Steel Alloy Compression, Extension, Torsion Spring Kit, 156 Springs

RS Stock No.: 280-111



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

Spring Types	Compression, Extension, Torsion
Material	Steel Alloy
Spring Quantity	156
Applications	Ball point pens, vehicles, mobile phones and valves

Kit Contents

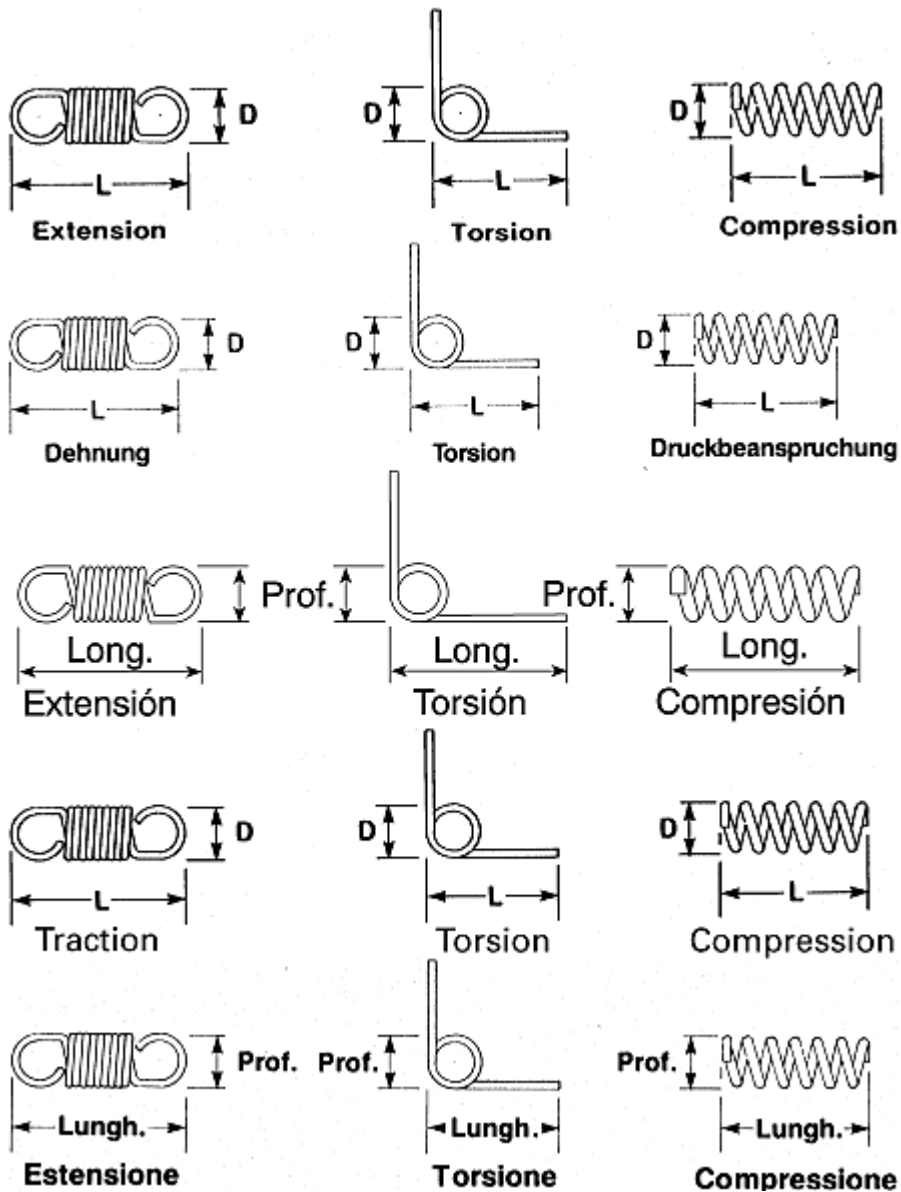
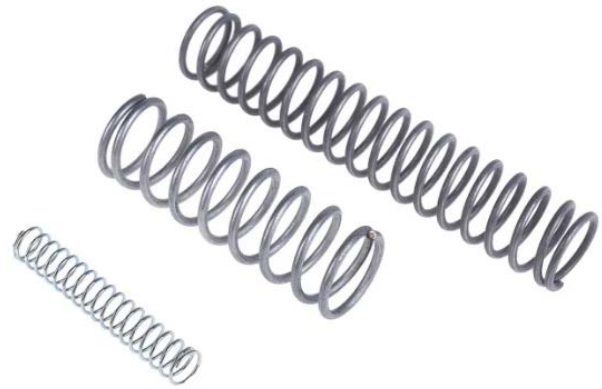
Includes	Length	Depth	Maximum Load
Compression Spring	Kit 1: 6.4 in to 25.4 in Kit 2: 0.33 in to 2.5 in Kit 3: 1.69 in to 6 in	Kit 1: 2.2 in to 7.6 in Kit 2: 0.165 in to 0.5 in Kit 3: 0.48 in to 0.75 in	Kit 1: 2.22N to 18.37N

Includes	Length	Depth	Free Angle
Torsion Spring	Kit 1: 9.5 in to 15.9 in Kit 2: 0.9 in to 1.75 in	Kit 1: 2.6 in to 4.8 in Kit 2: 0.19 in to 0.347 in	Kit 1: 90° to 270°

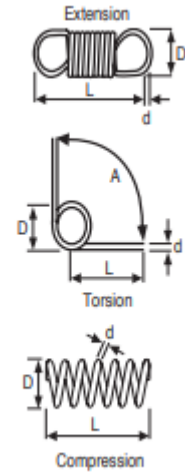
Includes	Length	Depth	Maximum Load
Extension Spring	Kit 1: 9.5 in to 32 in Kit 2: 1.5 in to 3.0 in Kit 3: 2.0 in to 8.0 in	Kit 1: 3.2 in to 4.7 in Kit 2: 0.187 in to 0.5 in Kit 3: 0.44 in to 0.75 in	Kit 1: 2.67N to 12.89N

Mechanical Specifications

Maximum Length	1.75in, 2.5in, 3in
Minimum Length	0.33in, 0.9in, 1.5in
Minimum Diameter	4in, 5in



COMPRESSION / KOMPRESSIÖN / COMPRESSIÖNE / COMPRESIÖN / SAMMENPRESSET						
D L d n .180 .750 .018 10 250 .687 .018 8 281 .750 .028 8 205 .800 .026 13.5 250 .330 .024 5 .165 .950 .014 18	D L d n 250 .950 .024 11 270 1.187 .016 15 250 1.375 .024 18 218 1.906 .028 23	D L d n .280 1.47 .040 15 .312 1.50 .036 13 .280 .60 .020 7.5	D L d n .305 1.00 .036 10 .347 .875 .032 7 .400 1.25 .032 13	D L d n .375 2.080 .048 12 .374 .750 .036 9 .410 1.25 .040 9	D L d n .375 2.00 .036 18 .480 2.00 .064 16	D L d n .360 1.75 .056 18.75 500 2.50 .048 16
EXTENSION / DEHNUNG / ESTENSIONE / EXTENSION / UDSTRAKT						
D L d .187 2.00 .020 250 2.00 .028 .187 1.50 .020	D L d 250 1.75 .024 312 2.50 .032	D L d 375 2.00 .036	D L d 375 2.50 .040	D L d 375 2.5 .048	D L d 500 2.50 .048 375 2.50 .036	D L d 500 3.00 .064
TORSION / DREHUNG / TORSIONE / TORSION / SPAENDING						
D L d .190 .910 .032	D L d .300 1.75 .040	D L d .310 1.25 .036	D L d .437 1.25 .036	D L d .347 1.25 .040		



Dimensions		
Kit 1		
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
Max. Load	Free Angle	Max. Load
2.67 to 12.89 N	90° to 270°	2.22 to 18.37 N

Dimensions	
Kit 3	
Extension	Compression
L. 2.0 to 8.0	L. 1.69 to 6.00
D. 0.44 to 0.75	D. 0.48 to 0.75

Dimensions		
Kit 2		
Extension	Torsion	Compression
L. 1.5 to 3.0	L. 0.9 to 1.75	L. 0.33 to 2.5
D. 0.187 to 0.5	D. 0.19 to 0.347	D. 0.165 to 0.5