

FEATURES

- Kits Of High Quality Stainless Steel Wire Spring
- Good Resistance To Corrosion And Rust
- Supplied In Plastic Compartment Box
- Easy Viewing And Selection Of Springs

RS PRO Stainless Steel Compression, Extension, Torsion Spring Kit, 225 Springs

RS Stock No.: 684-406



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 spring kits manufactured from stainless steel. These spring kits 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:

684-406 - 225 piece Spring Kit containing Compression Springs, Extension Springs and Torsion Springs

684-412 - 180 piece Spring Kit containing Compression Springs

684-428 - 128 piece Spring Kit containing Extension Springs

General Specifications

Spring Types	Compression, Extension, Torsion
Material	Stainless Steel
Spring Quantity	225
Applications	Compression springs- ball point pens, vehicles, mobile phones and valves Extension spring- garage doors, trampolines, white goods and tools Torsion springs- garage doors, digital cameras, mouse traps and vehicle suspension

Kit Contents

Includes	Length	Depth
Compression Spring	14mm to 66mm	2.32mm to 13.75mm

Includes	Length	Depth
Torsion Spring	31.75mm to 45mm	7.5mm to 11.05mm

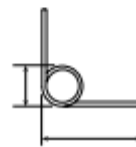
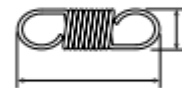
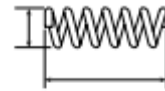
Includes	Length	Depth
Extension Spring	18.3mm to 76.2mm	3.5mm to 12.7mm

Mechanical Specifications

Maximum Length	13.75 mm, 45 mm, 76.2mm
Minimum Length	14mm, 18.3mm, 31.75mm
Minimum Diameter	2.32 mm, 3.5 mm, 7.5mm



Compression / Druckfeder / Compresion / Compression / Compressione / Trykfeder / Compresie / Tryck																																		
W/D	0.25	0.32	0.32	0.32	0.32	0.40	0.40	0.40	0.40	0.40	0.50	0.50	0.50	0.50	0.50	0.63	0.63	0.63	0.63	0.63	0.80	0.80	0.80	0.80	0.80	1.0	1.0	1.0	1.0	1.0	1.25	1.25	1.25	
O/D	3.45	2.32	2.82	3.52	4.32	2.40	2.90	3.60	4.40	5.40	3.00	3.70	4.50	5.50	6.80	3.83	4.63	5.63	6.93	8.63	4.80	5.80	7.10	8.80	10.80	6.0	7.3	9.0	11.0	13.5	9.25	11.25	13.75	
F/L	34.1	15.6	20.6	20.1	41.9	14.0	18.5	25.5	35.5	53.0	17.5	23.5	31.0	44.5	44.0	22.5	29.0	38.5	54.0	55.0	28.0	36.0	48.0	47.0	66.0	34.5	43.5	59.0	56.0	55.5	47.5	64.0	62.5	
MWL	7.5	8.2	8.5	6.3	9.5	9.9	10.6	10.6	11.4	12.8	12.8	14.0	14.0	15.1	12.2	14.7	16.2	16.2	17.7	14.3	19.1	21.5	21.5	16.7	19.9	24.6	28.3	28.3	22.4	19.4	21.0	21.1	16.5	
T/C	18.5	18.5	18.5	12.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	12.5	18.5	18.5	18.5	18.5	12.5	18.5	18.5	18.5	12.5	12.5	18.5	18.5	18.5	12.5	8.5	12.5	12.5	8.5	
Lo	1.53	4.69	3.91	3.16	2.57	6.21	5.96	5.31	4.37	3.64	8.66	8.33	7.76	6.70	5.47	17.48	14.3	12.91	10.37	8.33	26.55	21.65	20.01	16.26	12.83	36.43	28.43	27.61	22.79	18.3	87.41	71.15	57.51	
N/mm	0.06	0.64	0.32	0.23	0.08	1.46	0.75	0.36	0.18	0.09	1.84	0.87	0.45	0.23	0.17	2.21	1.13	0.58	0.29	0.20	2.93	1.50	0.75	0.54	0.28	3.67	1.83	0.90	0.68	0.51	3.30	1.66	1.24	
Extension / Zugfeder / Extensión / Traction / Allungamento / Trækfeder / Trek / Förlängning																																		
W/D	0.36	0.40	0.45	0.50		0.55	0.55	0.63		0.70	0.80	0.80		0.91		0.91				0.91					1.22								1.22	
O/D	4.0	3.6	5.0	5.5		3.5	6.0	7.0		7.5	5.5	9.0		9.52		7.92				9.52					7.92								9.53	
F/L	27.2	32.9	25.0	27.7		26.4	41.4	47.6		38.5	39.0	44.6		34.00		60.35				34.00					60.35								57.15	
EXT	68.5	54.7	55.8	52.3		14.7	84.30	99.7		67.5	25.6	85.6		65.0		85.0				65.0					85.0								60.0	
Lo	3.55	5.44	5.40	6.5		13.1	7.9	10.2		12.8	25.2	15.8		18.02		22.97				18.02					22.97								43.38	
N/mm	0.048	0.093	0.09	0.11		0.75	0.08	0.09		0.17	0.83	0.16		0.27		0.26				0.27					0.26								0.72	
Torsion / Drehfeder / Torsión / Torsion / Torsione / Torsionsfeder / Torsie / Torsion																																		
W/D	1.0					0.89				0.89				0.89		1.02				1.02					1.02									
O/D	7.5					8.00				8.00				11.05		8.84				11.05					8.84									
L/L	45					31.75				31.75				31.75		31.75				31.75					31.75									
T/C	3.5					3.5				3.5				7.25		7.75				7.25					7.75									
T	120					90.88				90.88				107.27		145.60				107.27					145.60									



Contents			
Kit 1 684-406	Size (mm)	Kit 2 684-412	Size (mm)
Compression	L. 14 to 66 D. 2.32 to 13.75	Compression	L. 12.7 to 71 D. 2.41 to 14.5
Extension	L. 18.3 to 76.2 D. 3.5 to 12.7	Kit 3 684-428	Size (mm)
Torsion	L. 31.75 to 45 D. 7.5 to 11.05	Extension	L. 22.1 to 105 D. 3.2 to 15

