



ENGLISH

Datasheet

Stock No: 280-111

# RS Pro Steel Alloy Compression



## Product Details

### Assorted Spring Kits

Kit 1; Light Duty, Containing 378 small springs: ,6 each of 30 different compression springs.,6 each of 24 different extension springs.,6 each of 9 different torsion springs., Kit 2; Popular Sizes, Containing 156 springs.4 each of 23 different compression springs.4 each of 11 different extension springs.4 each of 5 different torsion springs., Kit 3: Medium Sizes, Containing 110 springs. Compression: 4 each of 7 different sizes and 6 each of 5 different sizes. Extension: 4 each of 7 different sizes and 6 each of 4 different sizes.

Supplied in plastic compartment box with spring sizes and box layout information.



## Product Details

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

## Spring Kits



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## Specifications:

Material	Steel Alloy
Spring Types	Compression, Extension, Torsion
Spring Quantity	156
Maximum Length	1.75 in, 2.5 in, 3 in
Minimum Diameter	0.165 in, 0.187 in, 0.19 in
Minimum Length	0.33 in, 0.9 in, 1.5 in

**COMPRESSION / KOMPRESSIÖN / COMPRESSIÖNE / COMPRESIÖN / SAMMENPRESSET**

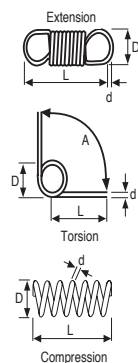
D	L	d	n	D	L	d	n	D	L	d	n	D	L	d	n	D	L	d	n	D	L	d	n				
.180	.750	.018	10	.250	.950	.024	11	.260	1.47	.040	15	.305	1.00	.036	10	.375	2.080	.048	12	.375	2.00	.036	18	.360	1.75	.056	18.75
.250	.687	.018	8	.270	1.187	.016	15	.312	1.50	.036	13	.347	.875	.032	7	.374	.750	.036	9	.480	2.00	.064	16	.500	2.50	.048	16
.281	.750	.028	8	.250	1.375	.024	18	.280	.60	.020	7.5	.400	1.25	.032	13	.410	1.25	.040	9								
.205	.800	.026	13.5	.218	1.906	.028	23																				
.250	.330	.024	5																								
.165	.950	.014	18																								

**EXTENSION / DEHNUNG / ESTENSIONE / EXTENSION / UDSTRAKT**

D	L	d	D	L	d	D	L	d	D	L	d	D	L	d	D	L	d			
.187	2.00	.020	.250	1.75	.024	.375	2.00	.036	.375	2.50	.040	.375	2.5	.048	.500	2.50	.048	.500	3.00	.064
.250	2.00	.028	.312	2.50	.032										.375	2.50	.036			
.187	1.50	.020																		

**TORSION / DREHUNG / TORSIONE / TORSION / SPAENDING**

D	L	d	D	L	d	D	L	d	D	L	d	D	L	d
.190	.910	.032	.300	1.75	.040	.310	1.25	.036	.437	1.25	.036	.347	1.25	.040



D = Outside diameter / Diamante exterior / Aubendurchmesser / Diametro esterno / Diametro externo / Yder Diameter  
 L = Free length / Longueur / Freie Lange / Lunghezza libera / Longitud en reposo / Laengde  
 d = Wire diameter / Diametre du fil metallique / Drahtduschmesser / Diametro filo / Diametro del alambre / Traad Diameter  
 n = Number of coils / Nombre de spires / Anzahl von ringern / Numero di giri / Numero de bobinas / Antal vinger

All dimensions are in inches (to convert to mm multiply by 25.4)  
 Toutes les dimentionns sont expumier en pouces (pour convertiv en mm multiplier par 25,4)  
 Alle abmessungen sind in zollen gegeben (X 25,4 multiplizieren fur mm)  
 Tutte le dimensioni sono in pollici (conversione in mm, moltiplicare da 25,4)  
 Todos los dimesions son en pulgadas (para converti en mm, multiplica por 25,4)  
 Alle dimensioner er i tommer (for at konvertere til mm gang med 25,4)