

CENTURY SPRING
CORP.

CENTURY SPRING

SPRING CONFIGURATION

SPRING CENTRES

COMPRESSION SPRINGS

EXTENSION SPRINGS

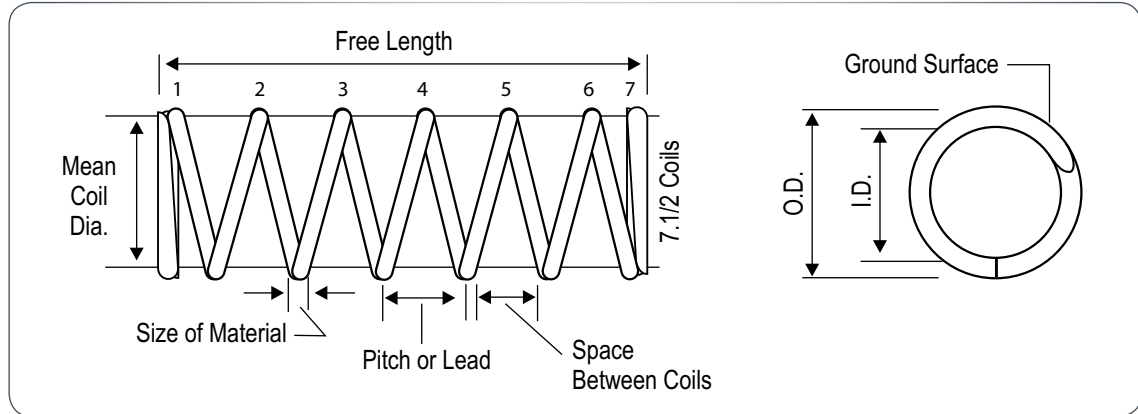
With over 400 sizes and varieties of springs in stock and available in merchandiser packs for immediate delivery we offer the best spring solution available in Australia. Stock includes compression and extension springs, spring steel and stainless steel, plated and unplated. In addition to individual springs we offer 5 display spring centres.

The range of springs we offer includes:

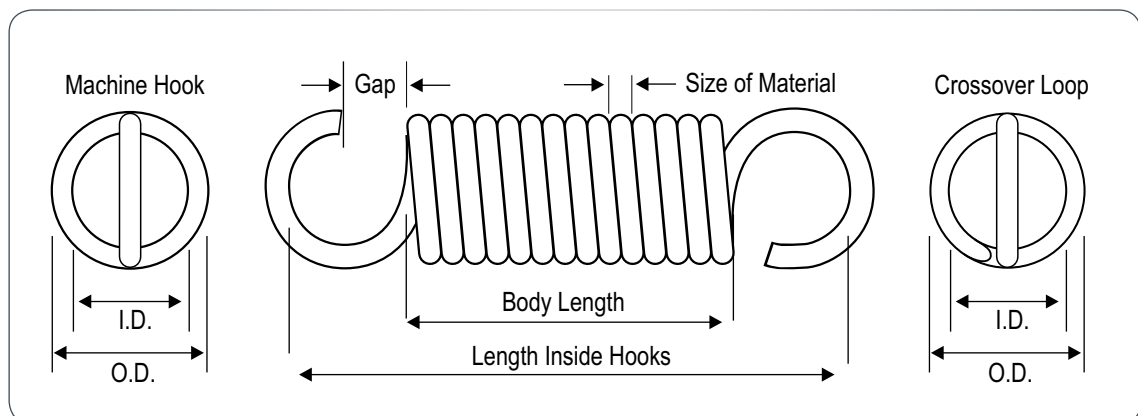
- Compression Springs - Spring Steel
- Extension Springs - Spring Steel
- Compression - Stainless Steel Springs
- Extension - Stainless Steel Springs

SPRING CONFIGURATION

COMPRESSION SPRINGS



EXTENSION SPRINGS



Active Coils (na)	Those coils which are free to deflect under load.
Closed ends	Ends of compression springs where pitch of the end coils is reduced so that the end coils touch.
Closed and ground ends	As with closed ends, except that the ends are ground to provide a flat plane.
Close-wound	Coiled with adjacent coils touching.
Coils per Inch	See Pitch.
Deflection (F)	Motion of spring ends or arms under the application or removal of an external load (P).
Elastic Limit	Maximum stress to which a material may be subjected without permanent set.
Endurance Limit	Maximum stress at which any given material will operate indefinitely without failure for a given minimum stress.
Free angle	Angle between the arms of torsion spring when the spring is not loaded.
Free length (L)	The overall length of a spring in the unloaded position.
Helix	The spiral form (open or closed) of compression, extension and torsion springs.
Hooke's Law	Load is proportional to displacement.
Hooks	Open loops or ends of extension springs.
Hydrogen embrittlement	Hydrogen absorbed in electroplating or pickling of carbon steels, tending to make the spring material brittle and susceptible to cracking and failure, particularly under sustained loads.
Hysteresis	The mechanical energy loss that always occurs under cyclic loading and unloading of a spring, proportional to the area between the loading and unloading load-deflection curves within the elastic range of spring.
Initial tension (Pi)	The force that tends to keep the coils of an extension spring closed and which must be overcome before the coils start to open.
Load (P)	The force applied to a spring that causes a deflection (F).
Loops	Coil-like wire shapes at the ends of extension springs that provide for attachment and force application.
Mean coil diameter (D)	Outside spring diameter (O.D.) minus one wire diameter (d).
Open ends, not ground	End of a compression spring with a constant pitch for each coil.
Open ends ground	'Open ends, not ground' followed by an end grinding operation.
Pitch (p)	The distance from center to center of the wire in adjacent active coils (recommended practice is to specify number of active coils rather than pitch).
Rate (R)	Change in load per unit deflection, generally given in lb/in., or N/mm.
Slenderness ratio	Ratio of spring length (L) to mean coil diameter (D).
Solid height (H)	Length of a compression spring when under sufficient load to bring all coils into contact with adjacent coils.
Spring index	Ratio of mean coil diameter (D) to wire diameter (d).
Stress range	The difference in operating stresses at minimum and maximum loads.
Stress relieve	To subject springs to low-temperature heat treatment so as to relieve residual stresses.
Torque (M)	A twisting action in torsion springs which tends to produce rotation, equal to the load multiplied by the distance (or moment arm) from the load to the axis of the spring body. Usually expressed in oz./in., lb./in., lb./ft., or in N/mm.
Total number of coils (Nt)	Number of active coils (Na) plus the coils forming the ends.

SPRING CENTRE CODE: 50-2CENDU

Complete wall-hung display packaged for self-service



610mm

305mm

Contains:

- 25 sizes (2 pks of each item).
- 1 - 305mm x 610mm vinyl planogram backer, printed with part numbers and product specifications.
- 1 - One-piece zinc-plated steel rack & hooks.
- Approx., shipping weight: 9 kg
- Centre contains the following springs:

- **Extension:**

C19 C33 C83 C133 C135 C161 C171 C175 C179
C181 C235 C243 C253 C261 C269 C311 C325 C337

- **Compression:**

C510 C566 C624 C730 C742 C766 C830

Plus #1 Asst. - An assortment of compression and extension springs in various small sizes

For the specifications see the summary pages at the back of the Century Springs catalogue.

SPRING CENTRE CODE: 100-2CENDU

Complete wall-hung display packaged for self-service



610mm

610mm

Contains:

- 57 sizes (2 pks of each item).
- 1 - 610mm x 610mm vinyl planogram backer, printed with part numbers and product specifications.
- 1 - One-piece zinc-plated steel rack & hooks.
- Approx., shipping weight: 13 kg
- Centre contains the following springs:

- **Extension:**

C1 C19 C25 C31 C33 C55 C69 C77 C83 C105
C115 C133 C135 C161 C165 C171 C173 C175 C177 C179
C181 C187 C189 C243 C253 C259 C261 C265 C269 C277
C293 C303 C311 C313 C315 C319 C323 C325 C337

- **Compression:**

C510 C516 C566 C582 C624 C632 C650 C676 C680 C704
C706 C712 C730 C736 C742 C756 C766 C836

Plus #1 Asst. - An assortment of compression and extension springs in various small sizes

For the specifications see the summary pages at the back of the Century Springs catalogue.

SPRING CENTRE CODE: 200-2CENDU

Complete wall-hung display packaged for self-service



1219mm

610mm

Contains:

- 94 sizes (2 pks of each item).
- 2 - 610mm x 610mm vinyl planogram backers, printed with part numbers and product specifications.
- 2 - One-piece zinc-plated steel racks & hooks.
- Also available: Code: 200-2DHCENDU Spring Centre to accommodate 51mm double peghooks with 'flip scan labels'.
- Approx., shipping weight: 21 kg
- Centre contains the following springs:

- **Extension:**

C1	C13	C19	C25	C29	C31	C33	C55	C69	C73	C77
C81	C83	C105	C115	C119	C131	C133	C135	C141	C143	C155
C157	C161	C163	C165	C171	C173	C175	C177	C179	C181	C183
C187	C189	C215	C219	C231	C239	C243	C253	C259	C261	C265
C269	C277	C293	C303	C311	C313	C315	C319	C321	C323	C325
C329	C337	C339								

- **Compression:**

C510	C516	C526	C566	C580	C582	C608	C612	C614	C624	C632
C650	C652	C660	C664	C672	C676	C680	C692	C702	C704	C706
C712	C730	C736	C742	C756	C766	C782	C792	C822	C826	C830
C832	C836	C892								

For the specifications see the summary pages at the back of the Century Springs catalogue.



610mm

1219mm

SPRING CENTRE CODE: 300-2CENDU/L

Complete display packaged for self-service



Code: 300-2CENDU



1219mm(w) x 1219mm(h)

Code: 300-2CENDU

Contains:

- 163 sizes (2 pks of each item).
- Includes #4001 Porch Swing Spring.
- 4 - 610mm x 610mm vinyl planogram backers, printed with part numbers and product specifications.
- 4 - One-piece zinc-plated steel racks & hooks.
- **300-2CENDU**: Supplied as a 1219mm x 1219mm horizontal wall hung display over pegboard backers imprinted with part numbers and product specifications.
- **300-2CENDUL**: Supplied as a free-standing, 610mm x 1219mm back-to-back floor display over pegboard backers imprinted with part numbers and product specifications.
- Approx., shipping weight:
 - 300-2CENDU: 42kg
 - 300-2CENDUL: 53kg
- Centre contains the following springs:

- Extension:

C1	C5	C13	C19	C23	C25	C29	C31	C33	C51	C55
C63	C67	C69	C73	C77	C81	C83	C103	C105	C111	C115
C117	C119	C131	C133	C135	C139	C141	C143	C155	C157	C161
C163	C165	C171	C173	C175	C177	C179	C181	C183	C185	C187
C189	C191	C193	C205	C209	C215	C221	C223	C227	C231	C233
C235	C239	C243	C251	C253	C257	C259	C261	C263	C265	C267
C269	C271	C273	C275	C277	C281	C285	C287	C289	C293	C301
C303	C307	C311	C313	C315	C317	C319	C321	C323	C325	C329
C333	C337	C339	#4001							

- Compression:

C500	C510	C516	C520	C526	C530	C532	C550	C554	C556	C562
C566	C570	C576	C578	C580	C582	C600	C604	C606	C608	C612
C614	C624	C632	C650	C652	C660	C664	C668	C672	C676	C680
C690	C692	C700	C702	C704	C706	C712	C714	C720	C724	C730
C736	C740	C742	C750	C752	C756	C766	C782	C792	C802	C806
C814	C818	C822	C826	C830	C832	C834	C836	C838	C850	C856
C858	C864	C874	C878	C892						

For the specifications see the summary pages at the back of the Century Springs catalogue.

SPRING CENTRE CODE: 400-2CENDU/L

Complete wall-hung display packaged for self-service



2438mm(w) x 1219mm(h)

Code: 400-2CENDU

Contains:

- 309 sizes (2 pks of each item).
- Includes #4001 Porch Swing Spring.
- 8 - 610mm x 610mm vinyl planogram backer, printed with part numbers and product specifications.
- 8 - One-piece zinc-plated steel rack & hooks.
- **400-2CENDU:** Supplied as a 2438mm x 1219mm horizontal wall hung display over pegboard backers imprinted with part numbers and product specifications.
- **400-2CENDUL:** Supplied as a free-standing, 1219mm x 1219mm back-to-back floor display over pegboard backers imprinted with part numbers and product specifications.
- Approx., shipping weight: - 400-2CENDU: 69kg
- 400-2CENDUL: 76kg
- Centre contains the following springs:

- Extension:

C1	C3	C5	C7	C9	C11	C13	C15	C17	C19	C21	C23	C25	C27	C29	C31	C33	C51
C53	C55	C57	C59	C61	C63	C65	C67	C69	C71	C73	C75	C77	C79	C81	C83	C101	C103
C105	C107	C109	C111	C113	C115	C117	C119	C121	C123	C125	C127	C129	C131	C133	C135	C137	C139
C141	C143	C151	C153	C155	C157	C159	C161	C163	C165	C167	C169	C171	C173	C175	C177	C179	C181
C183	C185	C187	C189	C191	C193	C201	C203	C205	C207	C209	C211	C213	C215	C217	C219	C221	C223
C225	C227	C229	C231	C233	C235	C237	C239	C241	C243	C251	C253	C255	C257	C259	C261	C263	C265
C267	C269	C271	C273	C275	C277	C279	C281	C283	C285	C287	C289	C291	C293	C301	C303	C305	C307
C309	C311	C313	C315	C317	C319	C321	C323	C325	C327	C329	C331	C333	C335	C337	C339	#4001	

- Compression:

C500	C502	C504	C506	C508	C510	C512	C514	C516	C518	C520	C522	C524	C526	C528	C530	C532	C550
C552	C554	C556	C558	C560	C562	C564	C566	C568	C570	C572	C574	C576	C578	C580	C582	C600	C602
C604	C606	C608	C610	C612	C614	C616	C618	C620	C622	C624	C626	C628	C630	C632	C634	C636	C638
C640	C642	C650	C652	C654	C656	C658	C660	C662	C664	C666	C668	C670	C672	C674	C676	C678	C680
C682	C684	C686	C690	C692	C694	C700	C702	C704	C706	C708	C710	C712	C714	C716	C718	C720	C722
C724	C726	C728	C730	C732	C734	C736	C738	C740	C742	C750	C752	C754	C756	C758	C760	C762	C764
C766	C768	C770	C772	C774	C776	C778	C780	C782	C784	C786	C788	C790	C792	C800	C802	C804	C806
C808	C810	C812	C814	C816	C818	C820	C822	C824	C826	C828	C830	C832	C834	C836	C838	C840	C842
C850	C852	C854	C856	C858	C860	C862	C864	C866	C868	C870	C872	C874	C876	C878	C880	C882	C884
C886	C888	C890	C892														

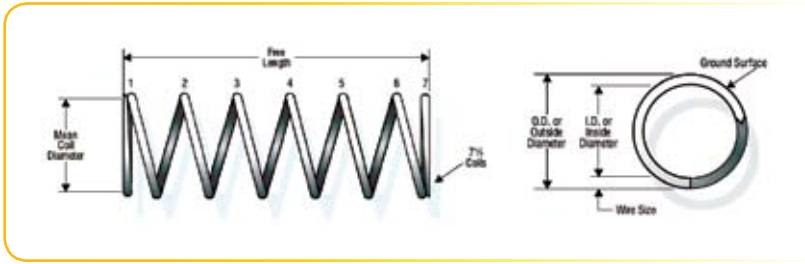
Plus #1 Asst. Assortment of compression and extension springs in various small sizes

Plus #2 Asst. Assortment of compression and extension springs in various larger sizes

For the specifications see the summary pages at the back of the Century Springs catalogue.



COMPRESSION SPRINGS - SPRING STEEL



- Open wound helicals, finished at the ends to provide resistance to compression force.
- 166 sizes available in Spring Steel.
- 44 sizes available in Stainless Steel.

Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)
0500CEN	3.962	14.300	0.580	23.575
0502CEN	3.962	12.700	0.760	49.820
0504CEN	4.775	12.700	0.580	12.455
0506CEN	3.962	15.875	0.280	2.758
0508CEN	3.175	19.050	0.300	3.603
0510CEN	6.350	12.700	0.890	50.709
0512CEN	3.175	25.400	0.360	6.939
0514CEN	9.525	12.700	1.220	59.606
0516CEN	3.962	25.400	0.280	2.758
0518CEN	3.962	25.400	0.710	41.057
0520CEN	4.775	22.225	0.410	3.603
0522CEN	4.775	25.400	0.510	13.389
0524CEN	3.962	25.400	0.410	8.318
0526CEN	4.775	25.400	0.710	34.963
0528CEN	5.563	25.400	0.710	30.426
0530CEN	5.563	25.400	0.510	11.565
0532CEN	4.775	25.400	0.330	3.781
0550CEN	4.775	25.400	0.410	6.984
0552CEN	3.962	25.400	0.410	6.005
0554CEN	6.350	25.400	0.510	10.186
0556CEN	7.950	15.875	0.660	13.434
0558CEN	7.950	25.400	0.410	3.736
0560CEN	7.950	19.050	0.810	24.910
0562CEN	6.350	25.400	0.890	50.709
0564CEN	9.525	22.225	0.580	8.185
0566CEN	9.525	19.050	0.810	19.883
0568CEN	6.350	22.225	1.040	78.733
0570CEN	3.175	34.925	0.360	6.939
0572CEN	3.962	34.925	0.710	41.057
0574CEN	3.962	31.750	0.890	75.619
0576CEN	3.962	34.925	0.410	8.318
0578CEN	4.775	34.925	0.330	3.781
0580CEN	4.775	34.925	0.710	34.963
0582CEN	4.775	34.925	0.410	6.984
0600CEN	5.563	34.925	0.510	11.565
0602CEN	4.775	34.925	0.510	13.389
0604CEN	5.563	34.925	0.580	17.303

Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)
0606CEN	6.350	31.750	0.580	12.099
0608CEN	6.350	34.925	0.510	10.186
0610CEN	6.350	34.925	0.890	50.709
0612CEN	7.137	34.925	0.710	19.661
0614CEN	7.950	31.750	1.040	47.151
0616CEN	7.950	34.925	0.810	23.664
0618CEN	7.950	34.925	0.410	3.736
0620CEN	7.950	38.100	0.580	9.786
0622CEN	8.738	25.400	1.040	43.325
0624CEN	9.525	28.575	1.040	40.034
0626CEN	7.950	41.275	1.040	47.151
0628CEN	11.125	19.050	0.710	11.121
0630CEN	11.125	25.400	1.190	51.599
0632CEN	11.125	27.000	1.040	34.563
0634CEN	3.175	44.450	0.360	6.939
0636CEN	3.962	44.450	0.410	8.318
0638CEN	4.775	44.450	0.710	34.963
0640CEN	4.775	44.450	0.410	6.984
0642CEN	4.775	44.450	0.330	3.781
0650CEN	5.563	44.450	0.330	11.565
0652CEN	5.563	34.925	0.710	30.426
0654CEN	6.350	44.450	0.890	50.709
0656CEN	6.350	44.450	0.510	10.186
0658CEN	6.350	38.100	0.660	10.231
0660CEN	7.950	44.450	0.410	3.736
0662CEN	7.950	38.100	0.860	30.381
0664CEN	8.738	38.100	1.190	64.054
0666CEN	10.312	41.275	1.020	34.696
0668CEN	9.525	38.100	0.660	11.254
0670CEN	9.525	38.100	0.710	14.990
0672CEN	9.525	44.450	0.890	25.577
0674CEN	11.125	47.625	0.890	22.063
0676CEN	11.125	53.975	0.810	17.126
0678CEN	10.312	44.450	1.570	234.865
0680CEN	7.950	50.800	1.190	69.837
0682CEN	7.950	50.800	1.370	98.750
0684CEN	9.525	50.800	1.040	40.034

Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)
0686CEN	9.525	50.800	1.190	59.161
0690CEN	11.125	57.150	1.040	34.251
0692CEN	15.875	38.100	1.040	24.554
0694CEN	15.875	19.050	1.040	24.554
0700CEN	12.700	25.400	1.570	95.191
0702CEN	14.300	25.400	1.370	57.382
0704CEN	12.700	38.100	1.040	30.426
0706CEN	14.300	34.925	1.830	125.439
0708CEN	15.875	25.400	2.030	151.239
0710CEN	19.050	25.400	2.030	127.663
0712CEN	17.475	31.750	2.340	198.835
0714CEN	9.525	57.150	1.570	123.215
0716CEN	11.125	50.800	1.830	157.021
0718CEN	10.312	50.800	1.190	55.158
0720CEN	12.700	44.450	1.570	95.191
0722CEN	12.700	50.800	1.190	45.372
0724CEN	11.125	50.800	1.370	72.506
0726CEN	12.700	50.800	1.830	139.229
0728CEN	14.300	60.325	2.030	166.808
0730CEN	10.312	69.850	1.190	55.158
0732CEN	12.700	63.500	1.570	95.191
0734CEN	11.913	63.500	1.370	68.502
0736CEN	12.700	69.850	1.830	139.229
0738CEN	12.700	76.200	1.190	45.372
0740CEN	15.875	63.500	2.030	196.610
0742CEN	15.875	69.850	1.370	52.044
0750CEN	19.050	50.800	2.030	127.663
0752CEN	23.825	50.800	2.030	103.198
0754CEN	17.475	76.200	1.190	33.450
0756CEN	18.263	88.900	1.040	21.440
0758CEN	20.650	34.925	4.110	791.780
0760CEN	19.837	41.275	3.050	370.980
0762CEN	20.650	47.625	3.050	358.080
0764CEN	22.225	50.800	3.050	334.505
0766CEN	14.300	76.200	1.370	57.382
0768CEN	20.650	57.150	2.670	250.878
0770CEN	20.650	57.150	3.050	358.080

Pack	C500 - C580..... 3/pkt	C600 - C684..... 2/pkt
	C582, C686-C764..... 1/pkt	C766 - C892..... 1/pkt

COMPRESSION SPRINGS - SPRING STEEL *CONTINUED*

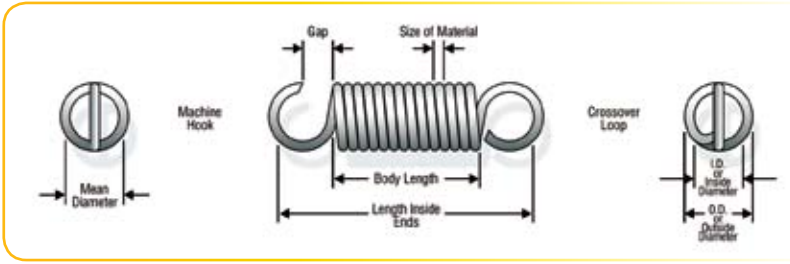
Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)
0772CEN	19.837	57.150	3.050	370.980	0816CEN	31.750	73.025	3.430	329.167	0860CEN	19.050	152.400	2.670	270.006
0774CEN	19.050	63.500	2.670	270.006	0818CEN	28.575	101.600	3.050	265.113	0862CEN	22.225	152.400	2.670	234.420
0776CEN	22.225	63.500	3.430	458.165	0820CEN	20.650	95.250	3.430	489.302	0864CEN	22.225	152.400	2.310	158.801
0778CEN	23.012	69.850	2.670	226.858	0822CEN	23.825	101.600	3.760	551.577	0866CEN	19.050	152.400	3.050	384.324
0780CEN	25.400	63.500	2.670	206.841	0824CEN	22.225	69.850	3.760	587.162	0868CEN	22.225	152.400	3.050	333.615
0782CEN	15.875	76.200	2.030	196.610	0826CEN	25.400	88.900	3.050	296.250	0870CEN	25.400	203.200	3.760	520.439
0784CEN	23.825	76.200	2.670	220.186	0828CEN	19.050	88.900	3.430	520.439	0872CEN	22.225	152.400	3.430	458.165
0786CEN	19.050	88.900	2.310	183.711	0830CEN	28.575	76.200	2.670	185.045	0874CEN	34.925	152.400	3.050	222.410
0788CEN	22.225	76.200	2.310	158.801	0832CEN	25.400	76.200	3.050	296.250	0876CEN	9.525	228.600	1.190	59.161
0790CEN	19.050	79.375	2.310	183.711	0834CEN	30.175	69.850	3.050	251.768	0878CEN	15.875	228.600	2.030	196.610
0792CEN	22.225	76.200	2.670	234.420	0836CEN	22.225	101.600	2.030	110.315	0880CEN	22.225	196.850	2.030	110.315
0800CEN	31.750	101.600	3.760	424.803	0838CEN	19.050	88.900	2.030	127.663	0882CEN	22.225	215.900	1.830	82.737
0802CEN	34.925	111.125	3.760	388.773	0840CEN	17.475	101.600	2.670	291.802	0884CEN	25.400	203.200	2.310	140.118
0804CEN	31.750	101.600	3.430	329.167	0842CEN	17.475	92.075	1.830	104.088	0886CEN	25.400	203.200	2.670	206.841
0806CEN	38.100	82.550	3.760	357.635	0850CEN	15.875	127.000	2.310	216.627	0888CEN	25.400	203.200	3.050	296.250
0808CEN	35.712	44.450	3.760	379.876	0852CEN	15.875	127.000	2.670	317.601	0890CEN	25.400	203.200	3.430	404.786
0810CEN	34.925	69.850	3.050	219.296	0854CEN	22.225	152.400	3.760	587.162	0892CEN	28.575	177.800	4.110	596.059
0812CEN	38.100	63.500	3.430	277.123	0856CEN	19.050	152.400	2.310	183.711	4001CEN	39.700	196.800	5.770	1334.460
0814CEN	34.925	63.500	3.430	300.698	0858CEN	17.475	152.400	1.830	104.088					

COMPRESSION SPRINGS - STAINLESS STEEL

Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Pack Qty	Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Pack Qty
0401CENS	3.175	6.350	0.406	3.825	6	0445CENS	15.875	22.225	0.965	7.384	2
0403CENS	4.775	19.837	0.381	1.779	4	0447CENS	15.875	28.575	1.702	58.360	2
0405CENS	5.944	14.275	0.864	3.590	4	0449CENS	15.875	30.175	0.813	4.226	2
0407CENS	6.350	26.187	0.787	30.025	3	0451CENS	17.475	46.050	2.337	176.505	2
0409CENS	6.350	95.250	0.660	7.162	2	0453CENS	17.856	28.575	1.651	30.826	2
0411CENS	7.137	23.825	0.711	12.766	3	0455CENS	17.856	60.325	1.575	31.315	2
0413CENS	7.544	19.050	0.762	15.168	3	0457CENS	18.110	38.100	1.575	38.922	2
0415CENS	7.950	19.050	0.432	1.245	3	0459CENS	18.110	146.050	0.991	7.117	1
0417CENS	8.331	10.312	0.610	4.582	3	0461CENS	19.050	76.200	1.575	40.301	2
0419CENS	8.331	33.350	1.575	244.473	2	0463CENS	20.650	32.537	1.600	35.719	2
0421CENS	8.738	12.700	0.813	6.806	3	0465CENS	20.650	120.650	2.032	89.231	1
0423CENS	9.119	23.825	0.787	13.033	3	0467CENS	21.031	76.200	2.667	329.923	2
0425CENS	9.119	25.400	0.838	12.099	3	0469CENS	21.438	76.200	1.600	42.614	2
0427CENS	9.525	34.925	1.041	24.554	2	0471CENS	21.819	61.925	2.667	250.790	2
0429CENS	9.931	82.550	1.295	76.376	2	0473CENS	22.225	41.275	1.880	58.627	2
0431CENS	11.125	61.925	1.778	119.790	2	0475CENS	23.419	158.750	1.829	65.833	1
0433CENS	11.913	66.675	1.016	15.569	2	0477CENS	23.825	45.237	1.829	59.917	2
0435CENS	12.700	30.175	1.194	26.022	2	0479CENS	25.806	88.900	2.413	136.916	2
0437CENS	13.894	22.225	1.575	88.432	2	0481CENS	26.594	20.650	3.048	173.836	2
0439CENS	13.894	31.750	1.194	18.994	2	0483CENS	32.944	67.462	3.429	33.984	1
0441CENS	13.894	42.875	2.007	102.220	2	0485CENS	32.944	114.300	2.337	64.365	1
0443CENS	14.300	42.062	1.702	75.219	2	0487CENS	38.100	130.175	3.175	117.477	1



EXTENSION SPRINGS - SPRING STEEL



- Close wound helicals, with formed ends to be used where resistance to a tension force is required.
- 142 sizes available in Spring Steel.
- 50 sizes available in Stainless Steel.

Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)
0001CEN	3.175	38.100	0.381	6.450	0109CEN	4.775	63.500	0.508	10.097	0191CEN	19.050	95.250	2.667	205.507
0003CEN	3.175	38.100	0.457	10.854	0111CEN	4.775	63.500	0.635	18.949	0193CEN	9.525	101.600	0.864	18.371
0005CEN	3.962	38.100	0.508	11.966	0113CEN	5.563	63.500	0.584	13.345	0201CEN	4.775	127.000	0.584	11.165
0007CEN	4.775	38.100	0.457	7.473	0115CEN	6.350	63.500	0.406	4.003	0203CEN	6.350	127.000	0.787	20.729
0009CEN	4.775	38.100	0.508	10.097	0117CEN	6.350	63.500	0.508	7.651	0205CEN	6.350	127.000	0.864	26.867
0011CEN	4.775	38.100	0.635	18.949	0119CEN	6.350	63.500	0.889	37.632	0207CEN	8.738	114.300	0.635	8.674
0013CEN	5.563	38.100	0.584	13.345	0121CEN	6.350	63.500	0.584	11.743	0209CEN	9.525	114.300	0.711	10.631
0015CEN	6.350	38.100	0.406	4.003	0123CEN	7.137	63.500	0.635	12.989	0211CEN	9.525	114.300	0.787	14.145
0017CEN	6.350	38.100	0.508	7.651	0125CEN	7.950	63.500	0.508	6.183	0213CEN	11.125	114.300	0.711	9.163
0019CEN	6.350	38.100	0.889	37.632	0127CEN	8.738	63.500	0.635	10.676	0215CEN	9.525	95.250	1.041	29.002
0021CEN	6.350	38.100	0.584	11.743	0129CEN	8.738	63.500	0.711	14.813	0217CEN	9.525	114.300	1.194	43.459
0023CEN	7.137	38.100	0.635	12.989	0131CEN	11.125	63.500	0.711	11.743	0219CEN	11.913	114.300	1.041	23.486
0025CEN	7.925	38.100	0.508	6.183	0133CEN	11.125	63.500	1.194	51.154	0221CEN	12.700	114.300	1.575	70.726
0027CEN	8.738	38.100	0.635	10.676	0135CEN	11.125	50.800	1.575	80.068	0223CEN	12.700	127.000	1.829	104.533
0029CEN	8.738	38.100	0.711	14.813	0137CEN	12.700	63.500	1.194	33.228	0225CEN	14.300	127.000	1.829	93.857
0031CEN	11.125	38.100	0.711	11.743	0139CEN	11.125	88.900	1.372	53.823	0227CEN	17.475	120.650	2.311	150.794
0033CEN	11.125	38.100	1.194	51.154	0141CEN	15.875	63.500	1.829	84.961	0229CEN	17.475	127.000	1.829	77.844
0051CEN	3.175	47.625	0.356	5.293	0143CEN	14.300	76.200	1.372	42.480	0231CEN	14.300	152.400	1.829	93.857
0053CEN	3.175	47.625	0.457	10.854	0151CEN	7.950	38.100	1.194	51.288	0233CEN	6.350	152.400	0.864	26.867
0055CEN	3.962	47.625	0.508	11.966	0153CEN	6.350	58.750	0.813	13.122	0235CEN	7.950	152.400	0.711	12.677
0057CEN	4.775	47.625	0.457	7.473	0155CEN	7.950	76.200	0.711	12.677	0237CEN	7.137	152.400	0.864	24.109
0059CEN	4.775	47.625	0.508	10.097	0157CEN	6.350	82.550	0.635	11.743	0239CEN	9.525	165.100	1.194	43.459
0061CEN	4.775	47.625	0.635	18.949	0159CEN	7.137	82.550	0.711	14.012	0241CEN	9.525	152.400	1.041	29.002
0063CEN	5.563	47.625	0.584	13.345	0161CEN	11.125	69.850	0.864	15.880	0243CEN	15.875	165.100	1.372	38.432
0065CEN	6.350	47.625	0.406	4.003	0163CEN	11.125	88.900	1.194	37.676	0251CEN	28.575	406.400	2.667	141.008
0067CEN	6.350	47.625	0.508	7.651	0165CEN	12.700	41.275	2.032	139.229	0253CEN	14.300	419.100	1.372	42.258
0069CEN	6.350	47.625	0.889	37.632	0167CEN	12.700	49.225	2.032	139.229	0255CEN	22.225	88.900	2.311	120.546
0071CEN	6.350	47.625	0.584	11.743	0169CEN	12.700	55.575	2.032	139.229	0257CEN	20.650	114.300	2.311	128.998
0073CEN	7.137	47.625	0.635	12.989	0171CEN	19.050	50.800	2.667	205.507	0259CEN	20.650	101.600	3.048	274.454
0075CEN	7.950	47.625	0.508	6.183	0173CEN	19.050	57.150	2.667	205.507	0261CEN	27.000	139.700	3.048	214.403
0077CEN	8.738	47.625	0.635	10.676	0175CEN	19.050	61.925	2.667	205.507	0263CEN	22.225	152.400	2.311	120.546
0079CEN	8.738	47.625	0.711	14.813	0177CEN	19.050	66.675	2.667	205.507	0265CEN	27.000	177.800	2.667	148.570
0081CEN	11.125	47.625	0.711	11.743	0179CEN	14.300	73.025	1.829	93.857	0267CEN	31.750	165.100	4.115	416.796
0083CEN	11.125	47.625	1.194	51.154	0181CEN	15.875	82.550	1.829	84.961	0269CEN	25.400	177.800	3.429	310.929
0101CEN	3.175	63.500	0.356	5.293	0183CEN	14.300	101.600	1.194	29.803	0271CEN	27.000	215.900	2.032	68.947
0103CEN	3.175	63.500	0.457	10.854	0185CEN	19.050	88.900	1.575	48.485	0273CEN	28.575	215.900	3.759	360.749
0105CEN	3.962	63.500	0.508	11.966	0187CEN	19.050	98.425	2.667	205.507	0275CEN	28.575	190.500	2.311	94.747
0107CEN	4.775	63.500	0.457	7.473	0189CEN	19.050	79.375	2.667	205.507	0277CEN	19.050	165.100	2.311	139.229

EXTENSION SPRINGS - SPRING STEEL *CONTINUED*

Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)
0279CEN	15.875	165.100	2.032	113.874	0313CEN	12.700	215.900	1.194	33.228
0281CEN	9.525	139.700	1.575	91.633	0315CEN	11.125	215.900	1.194	37.676
0283CEN	6.350	152.400	0.711	15.658	0317CEN	15.875	215.900	2.311	164.139
0285CEN	9.525	127.000	0.864	18.371	0319CEN	14.300	215.900	1.372	42.480
0287CEN	7.925	127.000	0.787	16.814	0321CEN	15.875	215.900	1.575	57.382
0289CEN	7.925	127.000	0.864	21.841	0323CEN	15.875	215.900	2.032	113.874
0291CEN	9.525	114.300	1.575	91.633	0325CEN	22.225	215.900	1.575	41.680
0293CEN	9.525	171.450	1.575	92.078	0327CEN	23.825	215.900	3.048	240.648
0301CEN	38.100	292.100	3.429	213.069	0329CEN	22.225	215.900	2.667	178.373
0303CEN	25.400	304.800	2.667	157.466	0331CEN	25.400	190.500	2.667	157.466
0305CEN	27.000	317.500	2.667	148.570	0333CEN	22.225	228.600	3.429	350.963
0307CEN	27.000	304.800	3.429	294.471	0335CEN	25.400	215.900	2.032	73.395
0309CEN	22.225	298.450	2.311	120.546	0337CEN	25.400	215.900	3.048	226.858
0311CEN	11.125	260.350	1.041	24.910	0339CEN	31.750	254.000	3.759	327.832

Pack C1 - C339 1/pkt

EXTENSION SPRINGS - STAINLESS STEEL

Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Pack Qty	Item Code	O.D. (mm)	Length (mm)	Wire Dia. (mm)	Max. Safe Load(N)	Pack Qty
0002CENS	3.175	12.700	0.330	3.603	4	0052CENS	7.950	41.275	0.813	18.949	2
0004CENS	3.175	12.700	0.508	13.389	4	0054CENS	7.950	47.625	0.660	10.409	2
0006CENS	3.175	22.225	0.432	8.140	3	0056CENS	7.950	57.150	1.041	40.034	2
0008CENS	3.175	25.400	0.330	3.603	3	0058CENS	7.950	60.325	0.660	10.409	2
0010CENS	3.175	28.575	0.432	8.140	3	0060CENS	9.525	38.100	0.813	15.480	2
0012CENS	3.175	50.800	0.330	3.603	2	0062CENS	9.525	44.450	1.372	74.641	2
0014CENS	3.175	50.800	0.508	13.389	2	0064CENS	9.525	47.625	1.041	32.472	2
0016CENS	4.775	12.700	0.381	3.559	2	0066CENS	9.525	57.150	1.041	32.472	2
0018CENS	4.775	22.225	0.432	5.160	2	0068CENS	9.525	63.500	0.813	15.480	2
0020CENS	4.775	31.750	0.432	5.160	2	0070CENS	9.525	66.675	1.041	32.472	2
0022CENS	4.775	50.800	0.508	8.363	2	0072CENS	9.525	76.200	1.372	74.641	2
0024CENS	6.350	17.475	0.813	24.376	2	0074CENS	9.525	101.600	1.372	74.641	2
0026CENS	6.350	34.925	0.508	6.094	2	0076CENS	9.525	127.000	1.372	74.641	2
0028CENS	6.350	41.275	0.813	24.376	2	0078CENS	11.125	73.025	1.372	62.542	2
0030CENS	6.350	47.625	0.813	24.376	2	0080CENS	12.700	88.900	1.829	53.734	2
0032CENS	6.350	50.800	0.660	13.256	2	0082CENS	12.700	120.650	1.829	53.734	1
0034CENS	6.350	50.800	0.940	37.854	2	0084CENS	14.275	76.200	1.372	47.151	2
0036CENS	6.350	57.150	0.559	8.096	2	0086CENS	14.275	107.950	2.311	224.679	1
0038CENS	6.350	57.150	0.813	24.376	2	0088CENS	15.875	92.075	2.413	219.608	1
0040CENS	6.350	60.325	0.660	13.256	2	0090CENS	15.875	114.300	1.829	98.752	2
0042CENS	6.350	63.500	0.813	24.376	2	0092CENS	15.875	127.000	2.311	198.210	1
0044CENS	6.350	69.850	0.813	24.376	2	0094CENS	19.050	73.0250	1.295	29.002	2
0046CENS	6.350	69.850	1.194	78.422	2	0096CENS	19.050	107.950	2.311	160.580	1
0048CENS	6.350	82.550	0.813	24.376	2	0098CENS	25.400	101.600	2.870	214.181	1
0050CENS	7.950	34.925	1.041	40.034	2	0100CENS	36.119	171.450	3.048	174.859	1