

## HEAVY DUTY CV COMPRESSION SPRINGS

The use of high quality chrome alloy steel combines maximum load with long life. Designed to work in a pocket or over a shaft, our SPEC heavy duty springs are ideally suited for applications where high loads are needed, and limited space is available.

### Material

Chrome Silicon as per SV 9254 - rectangular wire with rounded corners.

### Coiled

Right hand.

### Ends

Squared and ground.

### KEY TO DIMENSIONS

d	=	Wire Diameter
Lo	=	Free Length
L1	=	Loaded length
P	=	Load at L1
Sh	=	Approx. Solid Height
R	=	Rod Diameter
H	=	Hole Diameter

## RESSORTS DE COMPRESSION A CHARGE ELEVEE

L'utilisation d'acier au chrome de haute qualité marie une force maximale avec une longue durée de vie. Conçus pour travailler dans un logement ou autour d'un axe, nos ressorts à charge élevée SPEC sont parfaitement adaptés pour toutes applications nécessitant des charges élevées dans des encombrements réduits.

### Matériaux

Chrome Silicium selon SV 9254 - Fil rectangulaire avec angles arrondis (méplat).

### Enroulement

A droite.

### Extrémités

Rapprochées, meulées.

### INDEX DES MESURES

d	=	Diamètre Extérieur
Lo	=	Diamètre Intérieur
L1	=	Longueur en charge
P	=	Charge à L1
Sh	=	Hauteur à bloc approximative.
R	=	Diamètre de l'axe
H	=	Diamètre de logement

## MUELLES EXTRA FUERTE CV

El uso de acero de aleación de cromo de alta calidad combina la carga máxima con una larga vida. Diseñados para trabajar en un espacio reducido o sobre un eje, nuestros muelles SPEC de alto rendimiento son ideales para aplicaciones donde cargas muy fuertes son necesarias y el espacio disponible es limitado.

Pueden consultar los precios desplazando el ratón sobre el recuadro de cantidad.

### Materiales

Cromo Silicio según SV 9254 - alambre rectangular con esquinas redondeadas.

### Espiras

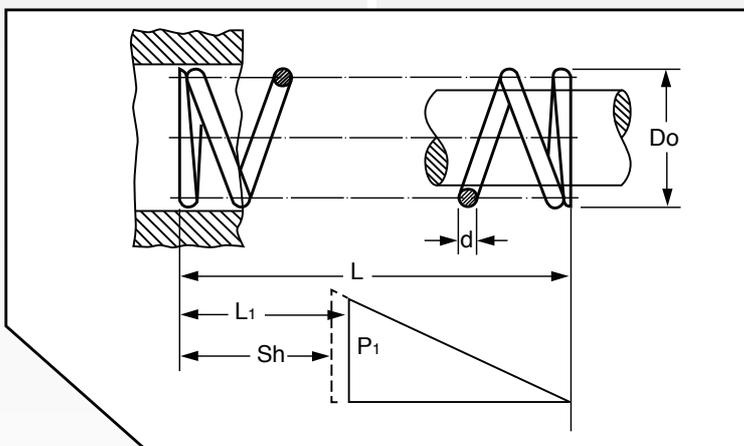
A derecha.

### Extremos

Cuadrado y redondeado.

### LEYENDA

d	=	Diámetro del alambre
Lo	=	Altura libre
L1	=	Altura cargado
P	=	Carga en L1
Sh	=	aprox. Altura sólida
R	=	Diámetro del eje
H	=	Diámetro del agujero



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D

## CV DRUCKFEDERN IN SCHWERER AUSFÜHRUNG

Die Verwendung von hochwertigem Chrom-Aluminiumstahl ermöglicht maximale Lasten und eine lange Nutzungsdauer. Unsere SPEC-Schwerlastfedern sind für Taschen und Schäfte gleichermaßen sowie hervorragend für Anwendungen geeignet, in denen schwere Lasten verwendet werden und nur wenig Raum zur Verfügung steht.

### Material

Chrom-Silizium gemäß SV 9254 – rechteckiger Draht mit geschliffenen Kanten.

### Gespult

rechts.

### Enden

Viereckig und geschliffen

### ABKÜRZUNGEN – ABMESSUNGEN

d = Drahtdurchmesser

Lo = Freie Länge

L1 = Länge unter Last

P = Last bei L1

Sh = Ungefähre feste Höhe

R = Stangendurchmesser

H = Bohrungsdurchmesser

I

## COMPRESSIONE PER IMPIEGHI PESANTI CV MOLLE

L'uso della lega di acciaio di cromo di alta qualità combina il carico massimo con una lunga durata. Progettate per funzionare in un alloggiamento o su un albero, le nostre molle SPEC per impieghi pesanti sono idealmente adatte per applicazioni in cui sono necessari carichi elevati e lo spazio disponibile è limitato.

### Materiale

Cromo silicio secondo SV 9254 - filo rettangolare con angoli arrotondati.

### Avvolto in matassa

Destra.

### Estremità

Squadrato e molato.

### LEGENDA DIMENSIONI

d = Diametro del filo

Lo = Lunghezza libera

L1 = Lunghezza di carico

P = Carico a L1

Sh = Altezza piena approssimativa

R = Diametro dello stelo

H = Diametro del foro

P

## COMPRESSÃO PARA CARGA INTENSIVA VC MOLAS

A utilização aço cromo vanádio de alta qualidade conjuga carga máxima com uma vida útil longa. Concebidas para funcionar numa cavidade ou sobre um eixo, as nossas molas de carga intensiva SPEC adequam-se idealmente a aplicações nas quais são necessárias cargas elevadas, encontrando-se disponível um espaço limitado.

### Material

Silício de acordo com SV 9254 - arame retangular com cantos arredondados.

### Direção do enrolamento

Direito.

### Extremidades

Quadradas e retificadas.

### LEGENDA DAS DIMENSÕES

d = Diâmetro do Arame

Lo = Comprimento Livre

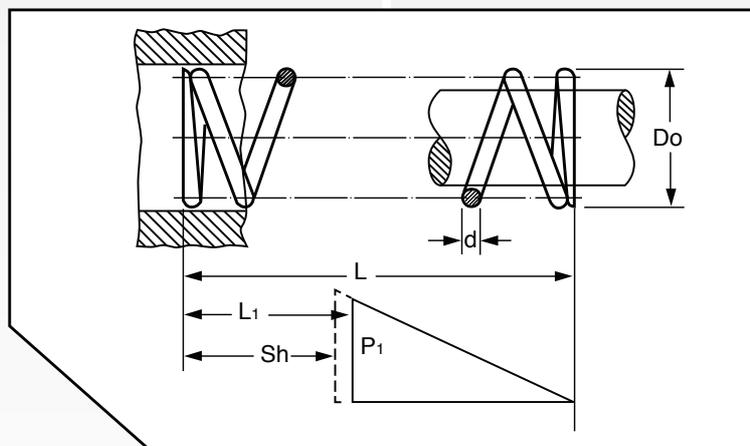
L1 = Comprimento em Carga

P = Carga em L1

Sh = Altura Bloco Aprox.

R = Diâmetro da Haste

H = Diâmetro do Orifício



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**HEAVY DUTY CV COMPRESSION SPRINGS**



Part Number	H (mm)	R (mm)	L0 (mm)	L1 (mm)	Sh (mm)	P1 (N)	R (N/mm)
CV0375-1000-039				19.05	12.70	66.68	10.50
CV0375-1000-046			25.40	19.05	16.00	93.35	14.70
CV0375-1000-054				20.32	17.78	103.12	20.30
CV0375-1000-059				20.32	19.05	186.69	36.75
CV0375-1200-0039				228.60	152.40	80.01	1.05
CV0375-1200-0046			304.80	228.60	192.02	106.68	1.40
CV0375-1200-0054				243.84	213.36	117.35	1.93
CV0375-1200-0059				243.84	228.60	160.02	2.63
CV0375-1250-039				23.83	16.00	69.34	8.75
CV0375-1250-046			31.75	23.83	20.07	101.24	12.78
CV0375-1250-054				25.40	22.35	108.90	17.15
CV0375-1250-059				25.40	23.88	162.24	25.55
CV0375-1500-039				28.58	19.05	70.01	7.35
CV0375-1500-046	9.53	4.78	38.10	28.58	24.13	111.68	11.73
CV0375-1500-054				30.48	26.67	106.68	14.00
CV0375-1500-059				30.48	28.70	166.69	21.88
CV0375-1750-039				33.35	22.35	71.87	6.48
CV0375-1750-046			44.45	33.35	27.94	112.66	10.15
CV0375-1750-054				35.56	31.24	116.68	13.13
CV0375-1750-059				35.56	33.27	163.35	18.38
CV0375-2000-039				38.10	25.40	68.90	5.43
CV0375-2000-046			50.80	38.10	32.00	111.13	8.75
CV0375-2000-054				40.64	35.56	110.24	10.85
CV0375-2000-059				40.64	38.10	160.02	15.75
CV0375-2500-039				47.63	31.75	72.23	4.55
CV0375-2500-046			63.50	47.63	40.13	102.79	6.48
CV0375-2500-054				50.80	44.45	111.13	8.75
CV0375-2500-059				50.80	47.75	166.69	13.13
CV0375-3000-039				57.15	38.10	70.01	3.68
CV0375-3000-046			76.20	57.15	48.01	100.01	5.25
CV0375-3000-054				60.96	53.34	109.35	7.18
CV0375-3000-059				60.96	57.15	168.02	11.03
CV0500-1000-052				19.05	12.70	122.24	19.25
CV0500-1000-061			25.40	19.05	16.00	172.24	27.13
CV0500-1000-072				20.32	17.78	200.03	39.38
CV0500-1000-084				20.32	19.05	275.59	54.25
CV0500-1200-0052				228.60	152.40	93.34	1.23
CV0500-1200-0061			304.80	228.60	192.02	146.69	1.93
CV0500-1200-0072				243.84	213.36	181.36	2.98
CV0500-1200-0084				243.84	228.60	256.03	4.20
CV0500-1250-052				23.83	16.00	113.72	14.35
CV0500-1250-061			31.75	23.83	20.07	169.19	21.35
CV0500-1250-072				25.40	22.35	202.25	31.85
CV0500-1250-084				25.40	23.88	266.70	42.00
CV0500-1500-052				28.58	19.05	113.35	11.90
CV0500-1500-061			38.10	28.58	24.13	163.35	17.15
CV0500-1500-072				30.48	26.67	197.36	25.90
CV0500-1500-084				30.48	28.70	256.03	33.60
CV0500-1750-052				33.35	22.35	116.55	10.50
CV0500-1750-061			44.45	33.35	27.94	165.11	14.88
CV0500-1750-072	12.70	7.14		35.56	31.24	196.02	22.05
CV0500-1750-084				35.56	33.27	264.48	29.75
CV0500-2000-052				38.10	25.40	122.24	9.63
CV0500-2000-061			50.80	38.10	32.00	166.69	13.13
CV0500-2000-072				40.64	35.56	195.58	19.25
CV0500-2000-084				40.64	38.10	248.92	24.50
CV0500-2500-052				47.63	31.75	125.02	7.88
CV0500-2500-061			63.50	47.63	40.13	166.69	10.50
CV0500-2500-072				50.80	44.45	191.14	15.05
CV0500-2500-084				50.80	47.75	255.59	20.13
CV0500-3000-052				57.15	38.10	116.68	6.13
CV0500-3000-061			76.20	57.15	48.01	170.02	8.93
CV0500-3000-072				60.96	53.34	197.36	12.95
CV0500-3000-084				60.96	57.15	250.70	16.45
CV0500-3500-052				66.68	44.45	116.68	5.25
CV0500-3500-061			88.90	66.68	56.13	155.58	7.00
CV0500-3500-072				71.12	62.23	186.69	10.50
CV0500-3500-084				71.12	66.80	248.92	14.00
CV0500-4500-052			114.30	85.73	57.15	115.01	4.03
CV0500-5500-052			139.70	104.78	69.85	122.24	3.50
CV0500-6500-052			165.10	123.83	82.55	101.12	2.45



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Part Number	H (mm)	R (mm)	L0 (mm)	L1 (mm)	Sh (mm)	P1 (N)	R (N/mm)
CV0500-7500-052	12.70	7.14	190.50	142.88	95.25	100.01	2.10
CV0625-1000-069				19.05	13.46	182.25	28.70
CV0625-1000-081			25.40	19.05	16.00	333.38	52.50
CV0625-1000-093				20.32	17.78	376.94	74.20
CV0625-1000-110				20.32	19.05	560.07	110.25
CV0625-1200-0069				228.60	152.40	200.03	2.63
CV0625-1200-0081			304.80	228.60	192.02	346.71	4.55
CV0625-1200-0093				243.84	213.36	320.04	5.25
CV0625-1200-0110				243.84	228.60	480.06	7.88
CV0625-1250-069				23.83	17.27	171.97	21.70
CV0625-1250-081			31.75	23.83	20.07	298.17	37.63
CV0625-1250-093				25.40	22.35	361.16	56.88
CV0625-1250-110				25.40	23.88	486.73	76.65
CV0625-1500-069				28.58	19.05	180.02	18.90
CV0625-1500-081			38.10	28.58	24.13	316.71	33.25
CV0625-1500-093				30.48	26.67	373.38	49.00
CV0625-1500-110				30.48	28.70	493.40	64.75
CV0625-1750-069				33.35	22.35	186.48	16.80
CV0625-1750-081			44.45	33.35	27.94	326.33	29.40
CV0625-1750-093				35.56	31.24	373.38	42.00
CV0625-1750-110				35.56	33.27	482.28	54.25
CV0625-2000-069	15.88	8.74		38.10	25.40	191.14	15.05
CV0625-2000-081			50.80	38.10	32.00	344.49	27.13
CV0625-2000-093				40.64	35.56	369.82	36.40
CV0625-2000-110				40.64	38.10	497.84	49.00
CV0625-2500-069				47.63	31.75	180.58	11.38
CV0625-2500-081			63.50	47.63	40.13	319.48	20.13
CV0625-2500-093				50.80	44.45	377.83	29.75
CV0625-2500-110				50.80	47.75	488.95	38.50
CV0625-3000-069				57.15	38.10	193.36	10.15
CV0625-3000-081			76.20	57.15	48.01	333.38	17.50
CV0625-3000-093				60.96	53.34	373.38	24.50
CV0625-3000-110				60.96	57.15	506.73	33.25
CV0625-3500-069				66.68	44.45	194.47	8.75
CV0625-3500-081			88.90	66.68	56.13	330.60	14.88
CV0625-3500-093				71.12	62.23	379.60	21.35
CV0625-3500-110				71.12	66.80	479.17	26.95
CV0625-4000-069				76.20	50.80	195.58	7.70
CV0625-4000-081			101.60	76.20	64.01	337.82	13.30
CV0625-4000-093				81.28	71.12	384.05	18.90
CV0625-4000-110				81.28	76.20	480.06	23.63
CV0750-1000-075				19.05	12.70	355.60	56.00
CV0750-1000-093			25.40	19.05	16.00	555.63	87.50
CV0750-1000-125				20.32	18.54	960.12	189.00
CV0750-1000-135				20.32	19.05	1244.60	245.00
CV0750-1200-0075				228.60	152.40	320.04	4.20
CV0750-1200-0093			304.80	228.60	192.02	466.73	6.13
CV0750-1200-0125				243.84	213.36	853.44	14.00
CV0750-1200-0135				243.84	228.60	1013.46	16.63
CV0750-1250-075				23.83	16.51	355.03	44.80
CV0750-1250-093			31.75	23.83	20.07	527.00	66.50
CV0750-1250-125				25.40	22.86	977.90	154.00
CV0750-1250-135				25.40	23.88	1222.38	192.50
CV0750-1500-075				28.58	19.81	333.38	35.00
CV0750-1500-093			38.10	28.58	24.13	516.73	54.25
CV0750-1500-125	19.05	9.53		30.48	26.67	920.12	120.75
CV0750-1500-135				30.48	28.70	1186.82	155.75
CV0750-1750-075				33.35	22.35	341.87	30.80
CV0750-1750-093			44.45	33.35	27.94	524.47	47.25
CV0750-1750-125				35.56	31.24	933.45	105.00
CV0750-1750-135				35.56	33.27	1166.81	131.25
CV0750-2000-075				38.10	25.40	333.38	26.25
CV0750-2000-093			50.80	38.10	32.00	533.40	42.00
CV0750-2000-125				40.64	35.56	915.67	90.13
CV0750-2000-135				40.64	38.10	1173.48	115.50
CV0750-2500-075				47.63	31.75	333.38	21.00
CV0750-2500-093			63.50	47.63	40.13	522.29	32.90
CV0750-2500-125				50.80	44.45	889.00	70.00
CV0750-2500-135				50.80	47.75	1111.25	87.50
CV0750-3000-075			76.20	57.15	38.10	336.71	17.68
CV0750-3000-093				57.15	48.01	496.73	26.08



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Part Number	H (mm)	R (mm)	L0 (mm)	L1 (mm)	Sh (mm)	P1 (N)	R (N/mm)
CV0750-3000-125			76.20	60.96	53.34	880.11	57.75
CV0750-3000-135				60.96	57.15	1080.14	70.88
CV0750-3500-075				66.68	44.45	322.82	14.53
CV0750-3500-093			88.90	66.68	56.13	497.84	22.40
CV0750-3500-125				71.12	62.23	902.34	50.75
CV0750-3500-135				71.12	66.80	1073.47	60.38
CV0750-4000-075				76.20	50.80	333.38	13.13
CV0750-4000-093			101.60	76.20	64.01	488.95	19.25
CV0750-4000-125				81.28	71.12	889.00	43.75
CV0750-4000-135				81.28	76.20	1066.80	52.50
CV0750-4500-075				85.73	57.15	320.04	11.20
CV0750-4500-093			114.30	85.73	72.14	500.06	17.50
CV0750-4500-125				91.44	80.01	880.11	38.50
CV0750-4500-135	19.05	9.53		91.44	85.85	1060.13	46.38
CV0750-5000-075				95.25	63.50	333.38	10.50
CV0750-5000-093			127.00	95.25	80.01	500.06	15.75
CV0750-5000-125				101.60	88.90	866.78	34.13
CV0750-5000-135				101.60	95.25	1044.58	41.13
CV0750-5500-075				104.78	69.85	336.15	9.63
CV0750-5500-093			139.70	104.78	88.14	488.95	14.00
CV0750-5500-125				111.76	97.79	870.33	31.15
CV0750-5500-135				111.76	104.90	1051.24	37.63
CV0750-6000-075				114.30	76.20	333.38	8.75
CV0750-6000-093			152.40	114.30	96.01	500.06	13.13
CV0750-6000-125				121.92	106.68	853.44	28.00
CV0750-6000-135				121.92	114.30	1040.13	34.13
CV0750-6500-075			165.10	123.83	82.55	339.49	8.23
CV0750-7500-075			190.50	142.88	95.25	316.71	6.65
CV1000-1000-100				19.05	15.24	611.19	96.25
CV1000-1000-115			25.40	19.05	17.27	919.00	144.73
CV1000-1000-158				20.32	18.54	1717.55	338.10
CV1000-1200-0100				228.60	152.40	533.40	7.00
CV1000-1200-0115			304.80	228.60	192.02	866.78	11.38
CV1000-1200-0158				243.84	213.36	1365.50	22.40
CV1000-1200-0188				243.84	228.60	1877.57	30.80
CV1000-1250-100				23.83	17.78	624.08	78.75
CV1000-1250-115			31.75	23.83	20.07	905.61	114.28
CV1000-1250-158				25.40	22.35	1627.98	256.38
CV1000-1500-100				28.58	20.32	621.74	65.28
CV1000-1500-115			38.10	28.58	24.13	896.78	94.15
CV1000-1500-158				30.48	26.67	1600.20	210.00
CV1000-1500-188				30.48	28.70	2133.60	280.00
CV1000-1750-100				33.35	22.35	621.59	56.00
CV1000-1750-115			44.45	33.35	27.94	895.48	80.68
CV1000-1750-158				35.56	31.24	1617.98	182.00
CV1000-2000-100				38.10	25.40	595.63	46.90
CV1000-2000-115			50.80	38.10	32.00	889.00	70.00
CV1000-2000-158	25.40	12.70		40.64	35.56	1550.42	152.60
CV1000-2000-188				40.64	38.10	2062.48	203.00
CV1000-2500-100				47.63	31.75	580.63	36.58
CV1000-2500-115			63.50	47.63	40.13	894.56	56.35
CV1000-2500-158				50.80	44.45	1477.96	116.38
CV1000-2500-188				50.80	47.75	1991.36	156.80
CV1000-3000-100				57.15	38.10	570.07	29.93
CV1000-3000-115			76.20	57.15	48.01	890.11	46.73
CV1000-3000-158				60.96	53.34	1450.85	95.20
CV1000-3000-188				60.96	57.15	1962.91	128.80
CV1000-3500-100				66.68	44.45	563.96	25.38
CV1000-3500-115			88.90	66.68	56.13	890.67	40.08
CV1000-3500-158				71.12	62.23	1418.84	79.80
CV1000-3500-188				71.12	66.80	1941.58	109.20
CV1000-4000-100				76.20	50.80	555.63	21.88
CV1000-4000-115			101.60	76.20	64.01	897.89	35.35
CV1000-4000-158				81.28	71.12	1422.40	70.00
CV1000-4000-188				81.28	76.20	1962.91	96.60
CV1000-4500-100				85.73	57.15	555.07	19.43
CV1000-4500-115			114.30	85.73	72.14	890.11	31.15
CV1000-4500-158				91.44	80.01	1408.18	61.60
CV1000-4500-188				91.44	85.85	1952.24	85.40
CV1000-5000-100			127.00	95.25	63.50	533.40	16.80
CV1000-5000-115				95.25	80.01	872.33	27.48



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Part Number	H (mm)	R (mm)	L0 (mm)	L1 (mm)	Sh (mm)	P1 (N)	R (N/mm)
CV1000-5000-158			127.00	101.60	88.90	1386.84	54.60
CV1000-5000-188				101.60	95.25	1920.24	75.60
CV1000-5500-100				104.78	69.85	537.85	15.40
CV1000-5500-115			139.70	104.78	88.14	837.33	23.98
CV1000-5500-158				111.76	97.79	1408.18	50.40
CV1000-6000-100				114.30	76.20	533.40	14.00
CV1000-6000-115	25.40	12.70	152.40	114.30	96.01	833.44	21.88
CV1000-6000-158				121.92	106.68	1365.50	44.80
CV1000-6000-188				121.92	114.30	1920.24	63.00
CV1000-7000-100				133.35	88.90	560.07	12.60
CV1000-7000-115			177.80	133.35	112.01	847.88	19.08
CV1000-7000-158				142.24	124.46	1393.95	39.20
CV1000-8000-100				152.40	101.60	533.40	10.50
CV1000-8000-115			203.20	152.40	128.02	853.44	16.80
CV1000-8000-158				162.56	142.24	1365.50	33.60
CV1250-1000-0115				190.50	127.00	800.10	12.60
CV1250-1000-0156			254.00	190.50	160.02	1611.31	25.38
CV1250-1000-0200				203.20	177.80	2275.84	44.80
CV1250-1000-0225				203.20	190.50	3067.05	60.38
CV1250-1200-0115				228.60	152.40	800.10	10.50
CV1250-1200-0156			304.80	228.60	192.02	1653.54	21.70
CV1250-1200-0200				243.84	213.36	2346.96	38.50
CV1250-1200-0225				243.84	228.60	2880.36	47.25
CV1250-1500-115				28.58	21.08	826.77	86.80
CV1250-1500-156			38.10	28.58	24.89	1906.91	200.20
CV1250-1500-200				30.48	26.67	2933.70	385.00
CV1250-1750-115				33.35	22.86	788.64	71.05
CV1250-1750-156			44.45	33.35	27.94	1958.00	176.40
CV1250-1750-200				35.56	31.24	2825.24	317.80
CV1250-2000-115				38.10	25.40	835.66	65.80
CV1250-2000-156			50.80	38.10	32.00	1862.46	146.65
CV1250-2000-200				40.64	36.32	2659.89	261.80
CV1250-2000-225				40.64	38.10	3644.90	358.75
CV1250-2500-115				47.63	31.75	800.10	50.40
CV1250-2500-156			63.50	47.63	40.13	1733.55	109.20
CV1250-2500-200				50.80	44.45	2613.66	205.80
CV1250-2500-225				50.80	47.75	3389.31	266.88
CV1250-3000-115				57.15	38.10	800.10	42.00
CV1250-3000-156			76.20	57.15	48.01	1706.88	89.60
CV1250-3000-200				60.96	53.34	2538.98	166.60
CV1250-3000-225				60.96	57.15	3253.74	213.50
CV1250-3500-115				66.68	44.45	777.88	35.00
CV1250-3500-156			88.90	66.68	56.13	1711.33	77.00
CV1250-3500-200				71.12	62.23	2426.97	136.50
CV1250-3500-225				71.12	66.80	3375.98	189.88
CV1250-4000-115				76.20	50.80	782.32	30.80
CV1250-4000-156	31.75	15.88	101.60	76.20	64.01	1693.55	66.68
CV1250-4000-200				81.28	71.12	2361.18	116.20
CV1250-4000-225				81.28	76.20	3164.84	155.75
CV1250-4500-115				85.73	57.15	800.10	28.00
CV1250-4500-156			114.30	85.73	72.14	1645.21	57.58
CV1250-4500-200				91.44	80.01	2336.29	102.20
CV1250-4500-225				91.44	85.85	3340.42	146.13
CV1250-5000-115				95.25	63.50	794.54	25.03
CV1250-5000-156			127.00	95.25	80.01	1666.88	52.50
CV1250-5000-200				101.60	88.90	2355.85	92.75
CV1250-5000-225				101.60	95.25	3111.50	122.50
CV1250-5500-115				104.78	69.85	782.32	22.40
CV1250-5500-156			139.70	104.78	88.14	1613.54	46.20
CV1250-5500-200				111.76	97.79	2307.84	82.60
CV1250-6000-115				114.30	76.20	800.10	21.00
CV1250-6000-156			152.40	114.30	96.01	1666.88	43.75
CV1250-6000-200				121.92	106.68	2400.30	78.75
CV1250-6000-225				121.92	114.30	3067.05	100.63
CV1250-7000-115				133.35	88.90	808.99	18.20
CV1250-7000-156			177.80	133.35	112.01	1633.54	36.75
CV1250-7000-200				142.24	124.46	2290.06	64.40
CV1250-8000-115				152.40	101.60	782.32	15.40
CV1250-8000-156			203.20	152.40	128.02	1635.76	32.20
CV1250-8000-200				162.56	142.24	2332.74	57.40
CV1250-8000-225				162.56	152.40	3271.52	80.50



**HEAVY DUTY CV COMPRESSION SPRINGS**



Part Number	H (mm)	R (mm)	L0 (mm)	L1 (mm)	Sh (mm)	P1 (N)	R (N/mm)
CV1500-1000-0135				190.50	127.00	1177.93	18.55
CV1500-1000-0187			254.00	190.50	160.02	1955.80	30.80
CV1500-1000-0225				203.20	177.80	3218.18	63.35
CV1500-1000-0300				203.20	190.50	6311.90	124.25
CV1500-1200-0135				228.60	152.40	1133.48	14.88
CV1500-1200-0187			304.80	228.60	192.02	1920.24	25.20
CV1500-1200-0225				243.84	213.36	3200.40	52.50
CV1500-1200-0300				243.84	228.60	5867.40	96.25
CV1500-2000-135				38.10	27.43	1177.93	92.75
CV1500-2000-187			50.80	38.10	32.00	2289.18	180.25
CV1500-2000-225				40.64	35.56	3520.44	346.50
CV1500-2000-300				40.64	39.37	7263.13	714.88
CV1500-2500-135				47.63	31.75	1186.26	74.73
CV1500-2500-187			63.50	47.63	40.13	2255.84	142.10
CV1500-2500-225				50.80	44.45	3444.88	271.25
CV1500-2500-300				50.80	47.75	7300.91	574.88
CV1500-3000-135				57.15	38.10	1200.15	63.00
CV1500-3000-187			76.20	57.15	48.01	2080.26	109.20
CV1500-3000-225				60.96	53.34	3467.10	227.50
CV1500-3000-300				60.96	57.15	6800.85	446.25
CV1500-3500-135				66.68	44.45	1166.81	52.50
CV1500-3500-187			88.90	66.68	56.13	2100.26	94.50
CV1500-3500-225				71.12	62.23	3310.64	186.20
CV1500-3500-300				71.12	66.80	6643.05	373.63
CV1500-4000-135	38.10	19.05		76.20	50.80	1106.81	43.58
CV1500-4000-187			101.60	76.20	64.01	2066.93	81.38
CV1500-4000-225				81.28	71.12	3243.07	159.60
CV1500-4000-300				81.28	76.20	6560.82	322.88
CV1500-4500-135				85.73	57.15	1150.14	40.25
CV1500-4500-187			114.30	85.73	72.14	2050.26	71.75
CV1500-4500-225				91.44	80.01	3264.41	142.80
CV1500-4500-300				91.44	85.85	6500.81	284.38
CV1500-5000-135				95.25	63.50	1166.81	36.75
CV1500-5000-187			127.00	95.25	80.01	2044.70	64.40
CV1500-5000-225				101.60	88.90	3244.85	127.75
CV1500-5000-300				101.60	95.25	6445.25	253.75
CV1500-5500-135				104.78	69.85	1130.70	32.38
CV1500-5500-187			139.70	104.78	88.14	2016.92	57.75
CV1500-5500-225				111.76	97.79	3275.97	117.25
CV1500-6000-135				114.30	76.20	1133.48	29.75
CV1500-6000-187			152.40	114.30	96.01	1966.91	51.63
CV1500-6000-225				121.92	106.68	3115.06	102.20
CV1500-6000-300				121.92	114.30	6427.47	210.88
CV1500-7000-135				133.35	88.90	1190.15	26.78
CV1500-7000-187			177.80	133.35	112.01	1983.58	44.63
CV1500-7000-225				142.24	124.46	3086.61	86.80
CV1500-8000-135				152.40	101.60	1173.48	23.10
CV1500-8000-187			203.20	152.40	128.02	1955.80	38.50
CV1500-8000-225				162.56	142.24	3072.38	75.60
CV1500-8000-300				162.56	152.40	6436.36	158.38
CV2000-1000-0195				190.50	127.00	2400.30	37.80
CV2000-1000-0225			254.00	190.50	160.02	2889.25	45.50
CV2000-1000-0280				203.20	177.80	5085.08	100.10
CV2000-1000-0365				203.20	190.50	7858.76	154.70
CV2000-1200-0195				228.60	152.40	2466.98	32.38
CV2000-1200-0225			304.80	228.60	192.02	2867.03	37.63
CV2000-1200-0280				243.84	213.36	5088.64	83.48
CV2000-1200-0365				243.84	228.60	7595.62	124.60
CV2000-2500-195				47.63	35.56	2778.13	175.00
CV2000-2500-225			63.50	47.63	40.13	3289.30	207.20
CV2000-2500-280	50.80	25.40		50.80	44.45	5582.92	439.60
CV2000-2500-365				56.52	48.26	5023.96	719.25
CV2000-3000-195				57.15	40.64	2767.01	145.25
CV2000-3000-225			76.20	57.15	48.01	3100.39	162.75
CV2000-3000-280				60.96	53.34	5494.02	360.50
CV2000-3000-365				60.96	58.42	8507.73	558.25
CV2000-3500-195				66.68	46.48	2633.11	118.48
CV2000-3500-225			88.90	66.68	56.13	3041.49	136.85
CV2000-3500-280				71.12	62.23	5289.55	297.50
CV2000-3500-365				71.12	66.80	8600.19	483.70
CV2000-4000-195			101.60	76.20	52.07	2667.00	105.00



## HEAVY DUTY CV COMPRESSION SPRINGS

Part Number	H (mm)	R (mm)	L0 (mm)	L1 (mm)	Sh (mm)	P1 (N)	R (N/mm)
CV2000-4000-225				76.20	64.01	2951.48	116.20
CV2000-4000-280			101.60	81.28	71.12	5334.00	262.50
CV2000-4000-365				81.28	76.96	8217.92	404.43
CV2000-4500-195				85.73	59.69	2650.33	92.75
CV2000-4500-225			114.30	85.73	72.14	3000.38	105.00
CV2000-4500-280				91.44	80.01	5088.64	222.60
CV2000-4500-365				91.44	85.85	7552.94	330.40
CV2000-5000-195				95.25	64.77	2611.44	82.25
CV2000-5000-225			127.00	95.25	80.01	2967.04	93.45
CV2000-5000-280				101.60	88.90	5271.77	207.55
CV2000-5000-365				101.60	95.25	8018.78	315.70
CV2000-5500-195	50.80	25.40		104.78	69.85	2475.31	70.88
CV2000-5500-225			139.70	104.78	88.14	2994.82	85.75
CV2000-5500-280				111.76	97.79	5265.99	188.48
CV2000-6000-195				114.30	76.20	2600.33	68.25
CV2000-6000-225			152.40	114.30	96.01	3000.38	78.75
CV2000-6000-280				121.92	106.68	5211.32	170.98
CV2000-6000-365				121.92	114.30	7856.98	257.78
CV2000-7000-195				133.35	88.90	2426.97	54.60
CV2000-7000-225			177.80	133.35	112.01	2909.25	65.45
CV2000-7000-280				142.24	124.46	5102.86	143.50
CV2000-8000-195				152.40	101.60	2533.65	49.88
CV2000-8000-225			203.20	152.40	128.02	2933.70	57.75
CV2000-8000-280				162.56	142.24	5191.76	127.75
CV2000-8000-365				162.56	152.40	7936.99	195.30

