

Compression & Extension Springs

Inch

Ressorts de compression et de traction

Pouce

STEEL

A compression spring is an open-coil helical spring that offers resistance to a compressive force applied axially. Compression springs are usually coiled as a constant-diameter cylinder.

COMPRESSION SPRINGS - IN STOCK LENGTHS TO CUT AS REQUIRED



P
Plain Ends



S
Squared or Closed Ends



SPAENAUR No.	SPECIFICATIONS						PKG QTY.
	Outside Dia.	Length Overall	Gauge of Wire	Coils per Inch	Style of Ends	Finish	
610-035	11/64"	11"	.026"	19.5	P	Bl. Japan	10
B-618	7/32"	11-1/2"	.041"	12	S	Zinc	10
610-034	15/64"	11"	.032"	14.6	P	Bl. Japan	10
610-A01-1X	5/16"	11-1/2"	.047"	10	S	Zinc	10
610-017	3/8"	10"	.047"	8	S	Plain	10
610-017ZP	3/8"	10"	.047"	8	S	Zinc	10
B-620	3/8"	11-1/2"	.047"	8	S	Bl. Japan	10
610-029	7/16"	11"	.080"	8	P	Bl. Japan	10
610-033	15/32"	11"	.062"	7.3	P	Bl. Japan	10
B-621	1/2"	11-1/2"	.062"	6	S	Zinc	10
610-032	9/16"	11"	.062"	5.5	P	Bl. Japan	10
610-026	9/16"	11"	.092"	6.3	P	Bl. Japan	10
610-031	5/8"	11"	.062"	4.8	P	Bl. Japan	10
B-623	5/8"	10"	.062"	6	S	Zinc	10
610-047	5/8"	10"	.080"	6	S	Zinc	10
B-624	11/16"	10"	.062"	3.5	S	Zinc	10
610-025	11/16"	11"	.092"	5	P	Bl. Japan	10
610-030	23/32"	11"	.062"	3.8	P	Bl. Japan	10
610-022	47/64"	11"	.105"	4.7	P	Bl. Japan	10
610-A02-1A	3/4"	10"	.091"	3.5	S	Zinc	10
610-028	27/32"	11"	.080"	3.5	P	Bl. Japan	10
■ B-626	7/8"	10"	.080"	3	S	Galvanized	10
610-024	7/8"	11"	.092"	3.5	P	Bl. Japan	10
610-021	7/8"	11"	.105"	3.8	P	Bl. Japan	10
610-027	31/32"	11"	.080"	2.8	P	Bl. Japan	10
610-020	1-1/16"	11"	.120"	3	P	Bl. Japan	10
610-A04-1Y	1-3/16"	11"	.092"	2.2	P	Bl. Japan	10
610-019	1-3/16"	11"	.120"	2.5	P	Bl. Japan	10

CONICAL SPRING

	B-662	1267
Gauge:	.065"	.092"
Height:	1-1/4"	1-1/2"
Base O.D.:	1-5/8"	1-13/16"

PKG QTY. 25

■ Wire ends may not be galvanized

EXTENSION SPRINGS

UNIVERSAL STYLE



SPAENAUR No.	Outside Dia.	Length Overall	Length of Coil	Gauge of Wire	Finish	PKG QTY.
B-694	9/32"	6"	1-7/8"	.054"	Zinc	10
B-650	3/8"	5"	9/16"	.041"	Black	10
B-651	7/16"	6"	1-1/16"	.054"	Black	10
B-652	7/16"	9-1/2"	3-1/4"	.047"	Black	10
B-654	1/2"	9-1/4"	3-1/4"	.047"	Black	10
610-009	35/64"	7-1/4"	1-3/8"	.062"	Black	10
B-653	9/16"	7-1/4"	1-1/4"	.062"	Black	10
B-655	9/16"	9-1/4"	3-1/4"	.054"	Black	10

Cut ends to required length and Hook to suit individual applications.

EXTENSION SPRINGS



Plain ends, without hooks or loops.

SPAENAUR No.	Outside Dia.	Length Overall	Length of Coil	Gauge of Wire	Finish	PKG QTY.
610-046	1/4"	11"	—	.020"	Black	10
610-045	1/4"	11"	—	.026"	Black	10
610-043	1/4"	11"	—	.032"	Black	10
610-044	5/16"	11"	—	.026"	Black	10
610-042	5/16"	11"	—	.032"	Black	10
610-041	3/8"	11"	—	.032"	Black	10
610-040	5/8"	11"	—	.062"	Black	10
610-037	3/4"	11"	—	.105"	Black	10
610-038	1"	11"	—	.092"	Black	10
610-036	1"	11"	—	.105"	Black	10

Extension springs are springs which absorb and store energy by offering resistance to a pull-force. Various types of ends are used to attach the extension spring to the source of the force.

H16

Inch

Extension Springs

Pouce

Ressorts de traction

STEEL INCH Sizes	SPAENAUR No.	SPECIFICATIONS					PKG QTY.
		Outside Dia.	Length Overall	Gauge of Wire	End Loops	Finish	
	B-659	3/32"	1/2"	.014"	SC	Brt. Zinc	25
	B-660	1/8"	5/8"	.018"	SC	Brt. Zinc	25
	B-665	5/32"	1-5/16"	.018"	SSL	Brt. Zinc	25
	■ 610-002	5/32"	4-9/32"	.018"	SC	Brt. Zinc	10
	SP-1	5/32"	84"	.035"	HC,SC	Plain	10
	B-656	3/16"	1"	.022"	SC	Brt. Zinc	25
	B-603	3/16"	7-1/4"	.025"	DS	Black	10
	B-664	7/32"	1-1/4"	.028"	SSL	Brt. Zinc	25
	B-667	7/32"	2"	.025"	SSL	Brt. Zinc	25
	610-A07-1T	7/32"	9"	.031"	DS	Black	10
	610-A09-1W	1/4"	1"	.022"	SC	Brt. Zinc	25
	B-693	1/4"	2-1/2"	.024"	SC,SS	Brt. Zinc	25
	610-A08-1K	1/4"	1-13/16"	.025"	SC	Plain	25
	B-605	1/4"	5-3/4"	.025"	DC	Black	10
	SP-10	9/32"	1"	.031"	SC	Plain	25
	B-606	9/32"	5-1/4"	.042"	DC	Black	10
	B-607	9/32"	6-5/8"	.034"	DC	Black	10
	B-666	5/16"	1-9/32"	.023"	SSL	Brt. Zinc	25
	B-608	5/16"	6-3/4"	.047"	DC	Black	10
	B-610	11/32"	5-1/2"	.047"	DC	Black	10
	B-609	11/32"	8 3/8"	.047"	DC	Black	10
	B-611	3/8"	1-5/8"	.054"	SC	Brt. Zinc	10
	B-612	3/8"	10"	.054"	DC	Black	10
	B-675	13/32"	3-13/16"	.047"	SS	Brt. Zinc	10
	B-695	7/16"	2"	.041"	SS	Black	25
	B-614	7/16"	5-3/8"	.062"	DC	Black	10
	B-615	7/16"	6-3/8"	.047"	DC	Zinc	10
	B-627	7/16"	9"	.062"	DC	Black	10
	B-671	1/2"	2"	.058"	HC	Plain	100
	B-672	1/2"	3"	.058"	HC	Plain	100
	610-001	.6250"	2-1/4"	.072"	SC	Plain Steel	50
	B-668	1/2"	2"	.072"	HC	Plain	100
	B-669	1/2"	3"	.072"	HC	Plain	100
	B-670	1/2"	4"	.072"	HC	Plain	100
	B-616	1/2"	4-7/8"	.072"	DC	Zinc	10
	B-661	1/2"	5-1/2"	.047"	SS	Plain	10
	B-689	1/2"	6"	.062"	HC	Plain	10
	610-052	1/2"	3"	.072"	SC	Plain	10
	B-698	9/16"	1-5/8"	.062"	HC	Brt. Zinc	25
	610-A06-1N	9/16"	3-5/8"	.062"	HC	Plain	10
	B-617	9/16"	5-1/4"	.080"	DC	Black	10
	B-600	9/16"	9"	.080"	DC	Zinc	10
	B-690	5/8"	3"	.080"	DC	Plain	25
	B-601	5/8"	9"	.080"	DC	Black	10
	B-684	23/32"	16"	.109"	SS	Brt. Zinc	10
B-602	13/16"	9"	.080"	DC	Black	10	

Table continues on next page...



SC Single Loop Centred



DC Double Loop Centred



SS Single Loop on Side
DS Double Loop on Side

SSL Single Loop on Side at Inward Angle of 45 °

HC Hook, Centred.

■ 610-002 (Actual Size)

