

EXTENSION SPRINGS

SDP/SI

CROSSOVER LOOPS OR MACHINE LOOPS
CLOSE WOUND

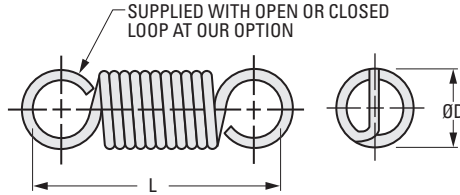
PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM



> MATERIAL:

302 Stainless Steel, Spring Temper

Supplied right- or left-hand wound at our option.
Loop orientation may vary.



The projections shown are per ISO convention.

METRIC COMPONENT

Catalog Number	D Dia.	Wire Dia.	L Free Length	Max. Load N	Max. Extension	Spring Rate N/mm	
S78ESYM025025009	2.5	0.25	9.5	2.04	13.49	0.14	
S78ESYM025025012			12.5		21.24	0.089	
S78ESYM025025015			15.5		28.79	0.066	
S78ESYM030035017	3	0.35	17	4.08	18.04	0.202	
S78ESYM030035021			21		23.93	0.152	
S78ESYM030035025			25		29.99	0.121	
S78ESYM030035030			30		37.15	0.097	
S78ESYM030035035			35		45.26	0.08	
S78ESYM045045017			4.5		0.45	17	5.71
S78ESYM045045021	21	28.91		0.179			
S78ESYM045045025	25	37.43		0.138			
S78ESYM045045030	30	48.71		0.107			
S78ESYM045045035	35	59.27		0.087			
S78ESYM045060017	6.3	0.6		17		13.08	
S78ESYM045060021			21	14.08	0.818		
S78ESYM045060025			25	18.16	0.635		
S78ESYM045060030			30	23.3	0.495		
S78ESYM045060035			35	28.42	0.406		
S78ESYM063055019			6.3	0.55	19		7.33
S78ESYM063055022	22	32.25			0.206		
S78ESYM063055025	25	40.96			0.162		
S78ESYM063055030	30	55.45			0.12		
S78ESYM063055035	35	69.95			0.095		
S78ESYM063075019	0.75	0.75			19	16.33	
S78ESYM063075022				22	13.95		1.025
S78ESYM063075025				25	17.54		0.816
S78ESYM063075030				30	23.51		0.608
S78ESYM063075035				35	29.53		0.484
S78ESYM063080019				0.8	0.8		19
S78ESYM063080022	22	12.33				1.437	
S78ESYM063080025	25	15.45	1.147				
S78ESYM063080030	30	20.68	0.856				
S78ESYM063080035	35	25.89	0.684				

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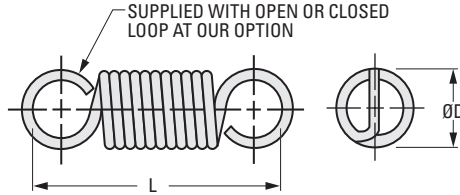
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Catalog Number	D Dia.	Wire Dia.	L Free Length	Max. Load N	Max. Extension	Spring Rate N/mm	
S78ESYM080075025	8	0.75	25	13.91	26.25	0.477	
S78ESYM080075030			30		37.99	0.33	
S78ESYM080075035			35		49.63	0.252	
S78ESYM080075040			40		61.32	0.204	
S78ESYM095095025			9.5		0.95	25	21.66
S78ESYM095095030	30	24.68		0.77			
S78ESYM095095035	35	33.58		0.566			
S78ESYM095095040	40	42.58		0.446			
S78ESYM095120025	9.5	1.2	25	44.98	10.06	3.903	
S78ESYM095120030			30		15.3	2.567	
S78ESYM095120035			35		20.54	1.913	
S78ESYM095120040			40		25.79	1.523	
S78ESYM095150025		1.5	1.5	25	81.63	5.71	12.165
S78ESYM095150030				30		8.43	8.24
S78ESYM095150035				35		11.15	6.23
S78ESYM095150040				40		13.87	5.01
S78ESYM095150045		45		15.59	4.188		
S78ESYM125120030	12.5	1.2	30	32.65	17.03	1.728	
S78ESYM125120040			40		36.87	0.798	
S78ESYM125120050			50		56.65	0.519	
S78ESYM125120060			60		76.39	0.385	
S78ESYM125160030		1.6	1.6	30	73.51	8.95	7.116
S78ESYM125160035				35		13.52	4.712
S78ESYM125160040				40		18.09	3.522
S78ESYM125160045				45		22.65	2.813
S78ESYM125160050				50		27.22	2.34
S78ESYM125160055				55		31.78	2.004
S78ESYM190160050	19	1.6	50	47.4	42.08	1.02	
S78ESYM190160060			60		67.15	0.639	
S78ESYM190160070			70		92.2	0.466	
S78ESYM190160080			80		117.18	0.367	
S78ESYM190160090			90		142.09	0.302	
S78ESYM190160100			100		167.12	0.257	
S78ESYM190160130			130		243.08	0.177	

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