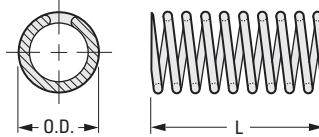


SQUARED AND GROUND ENDS
RIGHT-HAND WOUND

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

> MATERIAL:

302 Stainless Steel, Spring Temper



INCH COMPONENT

Catalog Number	O.D.	Wire Dia.	L ^Δ Free Length	L ₁ Length	Load at L ₁ lbf	Solid Height	Spring Rate lbf/in.
* S78CSY-005006031	.057	.006	.31	.138	.19	.088	1.1
* S78CSY-005007038	.057	.007	.38	.187	.32	.130	1.6
* S78CSY-005008025	.057	.008	.25	.138	.50	.106	4.4
* S78CSY-005008050			.50	.263		.195	2.1
* S78CSY-008010025	.088	.010	.25	.130	.50	.098	4.2
* S78CSY-008010050			.50	.245		.172	1.9
* S78CSY-008012038	.088	.012	.38	.216	.89	.172	5.4
* S78CSY-008012075			.75	.422		.293	2.7
S78CSY-012014025	.120	.014	.25	.138	1.02	.101	9.2
S78CSY-012016025	.120	.016	.25	.145	1.53	.119	14.6
S78CSY-012016050			.50	.280		.208	6.9
S78CSY-012018038	.120	.018	.38	.237	2.13	.194	14.9
S78CSY-012018062			.62	.378		.297	8.8
S78CSY-012018075			.75	.448		.359	7.1
S78CSY-012020038	.120	.020	.38	.260	2.76	.226	23.1
S78CSY-012020075			.75	.500		.407	11.0
S78CSY-012022050	.120	.022	.50	.356	3.73	.319	25.9
S78CSY-012022100			1.00	.709		.600	12.2
S78CSY-014021025	.148	.021	.25	.162	2.62	.143	29.7
S78CSY-014021038			.38	.237		.193	18.3
S78CSY-018016031	.180	.016	.31	.143	1.04	.087	6.2
S78CSY-018018050	.180	.018	.50	.239	1.47	.144	5.6
S78CSY-018018100			1.00	.471		.252	2.7
S78CSY-018020050	.180	.020	.50	.263	1.91	.176	8.1
S78CSY-018020100			1.00	.505		.302	3.8
S78CSY-018022025	.180	.022	.25	.144	2.61	.121	24.7

* Ends squared, not ground

Δ Free length L is for reference only. Load at L₁ is attained at length L₁.

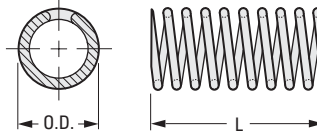
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SQUARED AND GROUND ENDS
RIGHT-HAND WOUND

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

> MATERIAL:

302 Stainless Steel, Spring Temper



INCH COMPONENT

Catalog Number	O.D.	Wire Dia.	L Free Length	L ₁ Length	Load at L ₁ lbf	Solid Height	Spring Rate lbf/in.
S78CSY-018022050	.180	.022	.50	.280	2.61	.192	11.8
S78CSY-018022100			1.00	.540		.355	5.4
S78CSY-018024050	.180	.024	.50	.298	3.17	.232	15.7
S78CSY-018024100			1.00	.575		.408	7.5
S78CSY-018026050	.180	.026	.50	.312	4.19	.247	22.3
S78CSY-018026100			1.00	.610		.461	10.2
S78CSY-018029075	.180	.029	.75	.501	5.36	.418	21.5
S78CSY-018029150			1.50	.982		.778	10.3
S78CSY-018032075	.180	.032	.75	.536	7.36	.456	34.4
S78CSY-018032150			1.50	1.054		.885	15.7
S78CSY-024026050	.240	.026	.50	.279	3.21	.169	14.5
S78CSY-024026062			.62	.317		.208	10.6
S78CSY-024026100	.240	.035	1.00	.508	6.95	.313	6.2
S78CSY-024035050			.50	.328		.286	40.4
S78CSY-024035100	.240	.038	1.00	.628	9.21	.496	18.7
S78CSY-024038075			.75	.510		.407	38.4
S78CSY-024038150	.240	.040	1.50	.984	10.02	.768	17.8
S78CSY-024040100			1.00	.691		.592	32.5
S78CSY-024040200	.300	.032	2.00	1.355	4.66	1.106	15.6
S78CSY-030032062			.62	.312		.223	15.2
S78CSY-030042044	.300	.042	.44	.310	9.84	.230	75.6
S78CSY-036042088	.360	.042	.88	.483	8.33	.346	21.0
S78CSY-042045100	.420	.045	1.00	.475	8.75	.352	16.7
S78CSY-048055125	.480	.055	1.25	.650	13.49	.474	22.5
S78CSY-060063150	.600	.063	1.50	.750	14.99	.526	20.0
S78CSY-072072200	.720	.072	2.00	.950	17.49	.677	16.7

* Free length L is for reference only. Load at L₁ is attained at length L₁.

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