Stainless Steel—Wire

- Sold in 1-lb. coils
- Excellent corrosion resistance

Smooth-finish, full-hard, Type 302 wire is spring-tempered for industrial uses including wire forms, control linkages, springs, armature binding, and ceramic cutting. Comes in an easy-to-use dispenser box. Meets ASTM A555, ASTM A313, ASTM A580, and AMS 5688 standards.

Thickness	Feet (1 lb. coils) Feet per Lb.	Min. Tensile Strength (psi)	Item No.
0.006 in / 0.152mm	10,404.0	325,000	5XB95
0.007 in / 0.178mm	7,644.0	325,000	5XE81
0.008 in / 0.203mm	5,853.0	325,000	5XE82
0.009 in / 0.229mm	4,624.0	325,000	5XE83
0.010 in / 0.254mm	3,746.0	320,000	5XE84
0.011 in / 0.279mm	3,096.0	318,000	5XE85
0.012 in / 0.305mm	2,601.0	316,000	5XE86
0.013 in / 0.330mm	2,217.0	314,000	5XE87
0.014 in / 0.356mm	1,911.0	312,000	5XE88
0.016 in / 0.406mm	1,464.0	308,000	5XE89
0.018 in / 0.457mm	1,156.0	304,000	5XE90
0.020 in / 0.508mm	937.0	300,000	5XE91
0.022 in / 0.559mm	774.0	296,000	5XE92
0.024 in / 0.610mm	651.0	292,000	5XE93
0.026 in / 0.660mm	555.0	291,000	5XE94
0.029 in / 0.737mm	446.0	285,000	5XE95
0.031 in / 0.787mm	390.0	285,000	5XE96
0.033 in / 0.838mm	344.0	282,000	5XE97
0.035 in / 0.889mm	306.0	280,000	5XE98
0.037 in / 0.940mm	274.0	280,000	5XE99
0.039 in / 0.991mm	247.0	275,000	5XU10
0.041 in / 1.041mm	223.0	275,000	5XU11
0.043 in / 1.092mm	203.0	272,000	5XU12
0.045 in / 1.143mm	185.0	272,000	5XU13
0.0475 in / 1.207mm	166.0	267,000	5XU14
0.050 in / 1.270mm	150.0	267,000	5XU15
0.051 in / 1.295mm	144.0	265,000	5XU16
0.055 in / 1.397mm	124.0	261,000	5XU17
0.059 in / 1.499mm	108.0	258,000	5XU18
0.0625 in / 1.588mm	97.0	258,000	5XU19

Wire Cloth—304 Stainless Steel, Milling Grade

- 48 L x 48 W

Lighter wire diameters than standard (market) grade provide a greater percentage of open area in the screen cloth.

Note: Additional sizes are available; call 1-800-GRAINGER (472-4643).

Mesh Size (Holes per Inch)	Opening Size	Open Area (%)	Wire Dia.	Item No.
Coarse	0.75 in	77 %	0.105 in	3DLG8
	1.0 in	79.7 %	0.12 in	3DLG5
		81.9 %	0.105 in	3DLG6
2 x 2	0.42 in	70.5 %	0.08 in	3GNP6
	0.437 in	76.4 %	0.063 in	3GNP7
3 x 3	0.279 in	70.1 %	0.054 in	3GNP9
	0.286 in	73.6 %	0.047 in	3GNR1
4 x 4	0.187 in	56 %	0.063 in	3GNR2
	0.203 in	65.9 %	0.047 in	3GNR4
	0.215 in	74 %	0.035 in	3AKJ1
6 x 6	0.12 in	51.5 %	0.047 in	3GNR7
	0.126 in	57.2 %	0.041 in	3GNR8
	0.132 in	62.7 %	0.035 in	3GNR9
		62.7 %	0.035 in	3GRC6
8 x 8	0.093 in	55.4 %	0.032 in	3GNT4
	0.097 in	60.2 %	0.028 in	3GRC8
10 x 10	0.065 in	42.3 %	0.035 in	3GRC9
	0.075 in	56.3 %	0.025 in	3GNT8
		56.3 %	0.025 in	3GRD1
	0.088 in	64 %	0.02 in	3AKJ4
12 x 12	0.051 in	37.5 %	0.032 in	3GNU1
	0.06 in	51.8 %	0.023 in	3GNU3
14 x 14	0.051 in	51 %	0.02 in	3GNU4
16 x 16	0.045 in	50.7 %	0.018 in	3GNU6
	0.0535 in	73.3 %	0.009 in	3ALR7
18 x 18	0.0386 in	48.3 %	0.017 in	3GRD5
		48.3 %	0.017 in	3GNU7
	0.0466 in	70.2 %	0.009 in	3AND2
20 x 20	0.03 in	36 %	0.02 in	3GNU8
	0.034 in	46.2 %	0.016 in	3GNU9
24 x 24	0.0277 in	44.2 %	0.014 in	3DNT8
	0.0342 in	67.2 %	0.0075 in	3AND4
		67.2 %	0.0075 in	3ALT1
30 x 30	0.0213 in	40.8 %	0.012 in	3DNT9
35 x 35	0.0176 in	33.8 %	0.011 in	3GNV8
40 x 40	0.015 in	36 %	0.01 in	3AJU1
		36 %	0.01 in	3DNU1
	0.0185 in	54.8 %	0.0065 in	3ALT9
48 x 48	0.0153 in	54.2 %	0.0055 in	3ALU4
60 x 60	0.0092 in	30.5 %	0.0075 in	3GNW5
80 x 80	0.0088 in	49.6 %	0.0037 in	3ALW1
150 x 150	0.0041 in	37.9 %	0.0026 in	3GNX2
200 x 200	0.0029 in	33.6 %	0.0021 in	3GNX5
	0.0034 in	46.2 %	0.0016 in	3AJU9
325 x 325	0.0017 in	30.5 %	0.0014 in	3AJV2
400 x 400	0.0015 in	36 %	0.001 in	3GNY3

Carbon Steel—Music Wire

- Sold in 1-lb. coils

Spring-tempered wire is used for control linkages, ceramic cutting, armature binding, wire forms, springs, and other industrial uses. Packaged in an easy-to-use pull-dispenser box, except 15V232 and 15V233 come in tubes. Meets ASTM A228 standard.

High-Carbon Steel—1085 carbon steel alloy provides high tensile strength and high fatigue resistance.

Spring Steel—Full-hard, smooth-finish 300 Series stainless steel provides excellent corrosion resistance.

Thickness	Feet (1 lb. coils) Feet per Lb.	Min. Tensile Strength (psi)	Item No.
High Carbon Steel Alloy			
0.006 in / 0.152mm	10,404.0	415,000	3L529
0.007 in / 0.178mm	7,644.0	407,000	3L532
0.008 in / 0.203mm	5,853.0	399,000	3L534
0.009 in / 0.229mm	4,624.0	393,000	3L536
0.010 in / 0.254mm	3,746.0	387,000	3L538
0.011 in / 0.279mm	3,096.0	382,000	3L541
0.012 in / 0.305mm	2,601.0	377,000	3L543
0.013 in / 0.330mm	2,217.0	373,000	3L545
0.014 in / 0.356mm	1,911.0	369,000	3L547
0.016 in / 0.406mm	1,464.0	362,000	3L549
0.018 in / 0.457mm	1,156.0	356,000	3L552
0.020 in / 0.508mm	937.0	350,000	3L554
0.022 in / 0.559mm	774.0	345,000	3L556
0.024 in / 0.610mm	651.0	341,000	3L558
0.026 in / 0.660mm	555.0	337,000	3L561
0.029 in / 0.737mm	446.0	331,000	3L563
0.031 in / 0.787mm	390.0	328,000	3L565
0.033 in / 0.838mm	344.0	325,000	3L567
0.035 in / 0.889mm	306.0	322,000	3L569
0.037 in / 0.940mm	274.0	319,000	3L572
0.039 in / 0.991mm	247.0	316,000	3L574
0.041 in / 1.041mm	223.0	314,000	3L576
0.043 in / 1.092mm	203.0	311,000	3L578
0.045 in / 1.143mm	185.0	309,000	3L581
0.047 in / 1.194mm	170.0	307,000	3L583
0.049 in / 1.245mm	156.0	304,000	3L585
0.051 in / 1.295mm	144.0	303,000	3L587
0.055 in / 1.397mm	124.0	300,000	3L589
0.059 in / 1.499mm	108.0	296,000	3L592
0.063 in / 1.600mm	95.0	293,000	3L594
Spring Steel			
0.015 in	1,666.0	365,000	15V224
0.020 in	937.0	350,000	15V225
0.025 in	600.0	341,000	15V226
0.032 in	366.0	327,000	15V227
0.039 in	248.0	318,000	15V223
0.047 in	171.0	306,000	15V228
0.055 in	122.0	300,000	15V229
0.062 in	96.2	293,000	15V230
0.078 in	61.2	282,000 - 312,000	15V231
0.094 in	43.0	274,000	15V232
0.125 in	24.0	261,000	15V233
0.156 in	—	300,000 to 335,000	33HE32
0.187 in	—	300,000 to 335,000	33HE33
0.218 in	—	300,000 to 335,000	33HE34
0.250 in	—	300,000 to 335,000	33HE35
0.281 in	—	300,000 to 335,000	33HE36