

Measuring & Selecting your Replacement Spring



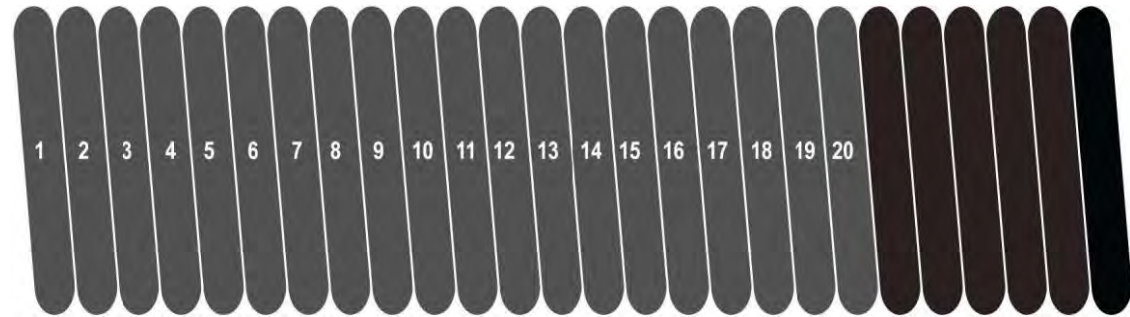
All From  Supply

Caution

- Working on storage doors can be dangerous
- Accidents can result in severe injury or death
- Work should be done by experienced professionals
- DO NOT work on springs that are under tension

STEP 1: Determine Wire Size

Determine the wire size by using a caliper or by measuring 20 coils of wire (not including the end 'hook') to the nearest 1/16th of an inch and referring to the Spring Wire Chart.



Tip: Use a marker of contrasting color to tag the start and end position as you count.

Data: Spring Wire Chart

The spring wire chart is available on the Roll Door Spring page of the web site and reproduced here.

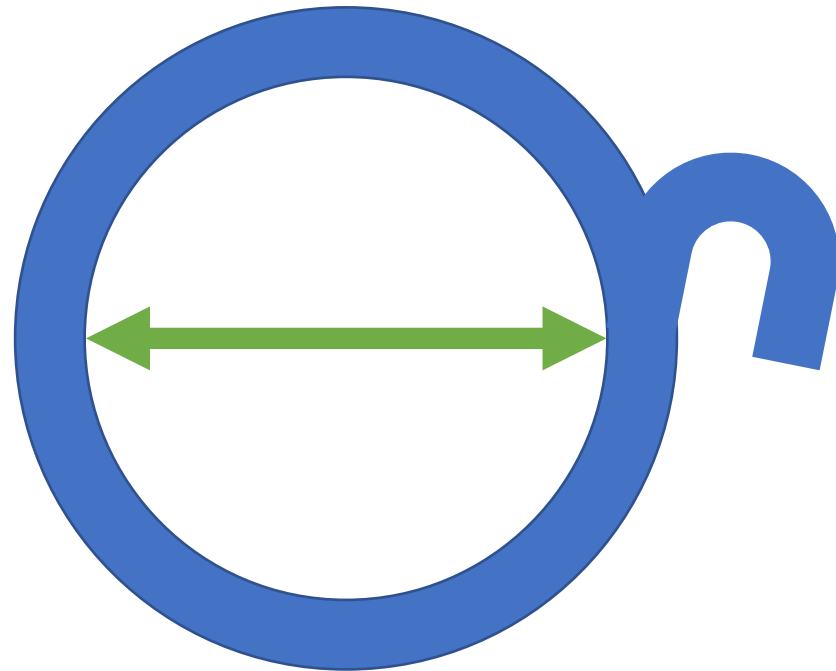
As an example say your 20 coils of spring measures **5" in length**. Find 5" on the chart, slide right and you'll see your **wire size is .250** (*you would select .2500 on the website*).

Length of 10 Coils	Length of 20 Coils	Wire Size
1-1/4"	2-1/2"	0.125
1-3/8"	2-3/4"	0.135
1-7/16"	2-7/8"	0.142
1-1/2"	3"	0.1483
1-9/16"	3-1/8"	0.1562
1-5/8"	3-1/4"	0.162
1-11/16"	3-3/8"	0.170
1-3/4"	3-1/2"	0.177
1-7/8"	3-3/4"	0.1875
1-15/16"	3-7/8"	0.192
21/16"	4-1/8"	0.207
2-3/16"	4-3/8"	0.2187
2-1/4"	4-1/2"	0.2253
2-5/16"	4-5/8"	0.2343
2-7/16"	4-7/8"	0.2437
2-1/2"	5"	0.250
2-5/8"	5-1/4"	0.2625
2-3/4"	5-1/2"	0.273
2-13/16"	5-5/8"	0.283
2-7/8"	5-3/4"	0.289
2-15/16"	5-7/8"	0.295

Length of 10 Coils	Length of 20 Coils	Wire Size
3-1/16"	6-1/8"	0.3065
3-1/8"	6-1/4"	0.3125
3-3/16"	6-3/8"	0.3195
3-5/16"	6-5/8"	0.331
3-7/16"	6-7/8"	0.3437
3-5/8"	7-1/4"	0.3625
3-3/4"	7-1/2"	0.375
3-15/16"	7-7/8"	0.3938
4-1/16"	8-1/8"	0.4062
4-7/32"	8-7/16"	0.4218
4-5/16"	8-5/8"	0.4305
4-3/8"	8-3/4"	0.4375
4-17/32"	9-1/16"	0.4531
4-5/8"	9-1/4"	0.4615
4-11/16"	9-3/8"	0.4687
4-7/8"	9-3/4"	0.490
5"	10"	0.5
5-5/16"	10-5/8"	0.5312
5-5/8"	11-1/4"	0.5625
6-1/4"	12-1/2"	0.625

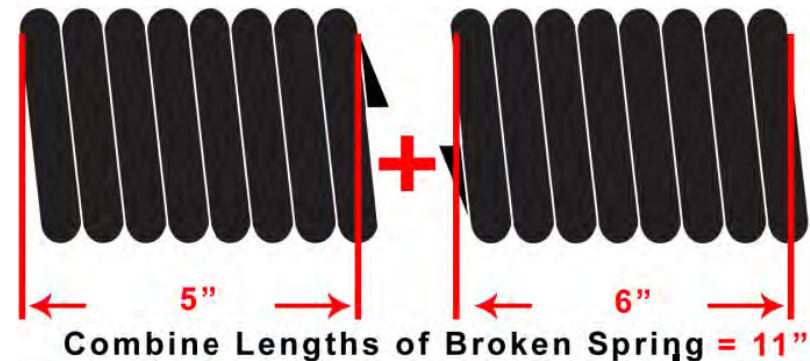
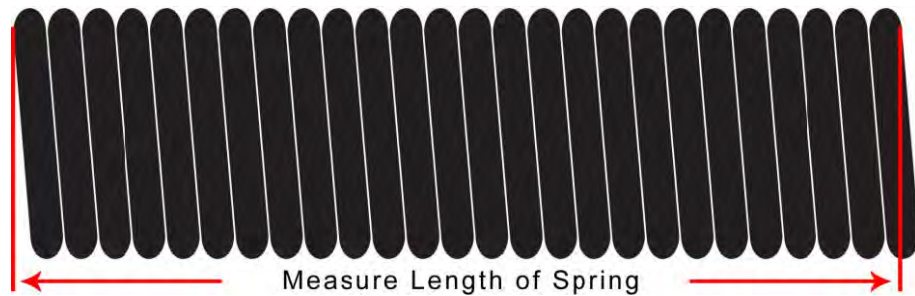
STEP 2: Measure Inside Diameter

Measure the inside diameter to the nearest 1/16th of an inch.



STEP 3: Determine Length of Spring

Measure the overall length of the spring in its relaxed state.

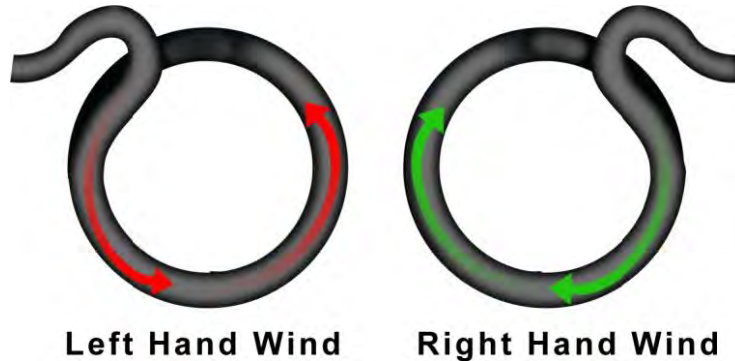


For a broken spring lay the pieces as best you can to get the overall length. You can also determine the length by counting all the coils and multiplying by the wire size.

Example: 120 coils x .2500 wire = 30'' spring

Step 4: Determine Wind

From inside the unit looking out the spring on the left side is left hand wound. The spring on the right side is right hand wound.



Another way is to look at the spring with the 'end' facing you. A right-hand spring is wound clockwise. A left-hand spring is wound counter-clockwise.

Complete the Order


Select the spring by gauge and diameter.

Enter the measurements, choose end type, wind and quantity and Add to Cart.

instructions and measure carefully before ordering. Up to 5 days lead time m: warehouse pickup is available depending on the number of orders. Feel free t

.1875 Gauge	.1920 Gauge	
3" DIA x .1875 GA	2" DIA x .1920 GA	<input type="checkbox"/>
	2-3/8" DIA x .1920 GA	<input type="checkbox"/>
	2-5/8" DIA x .1920 GA	<input type="checkbox"/>
	3" DIA x .1920 GA	<input type="checkbox"/>
	3-3/8" DIA x .1920 GA	<input type="checkbox"/>
.2253 Gauge	.2343 Gauge	
2-3/8" DIA x .2253 GA	3" DIA x .2343 GA	<input type="checkbox"/>
2-5/8" DIA x .2253 GA	3-3/8" DIA x .2343 GA (RIGHT Wind OUT of STOCK)	<input type="checkbox"/>
3" DIA x .2253 GA (Right Wind Out of Stock)		<input type="checkbox"/>
3-3/8" DIA x .2253 GA		<input type="checkbox"/>

[Go To Product Detail Page](#)



3" DIA x .1920 GA
Replacement torsion springs for self storage roll-up doors.
Code: SSC-SPR-3000-1920

\$23.24

12" +\$2.75

00" (if there is no fractional amount)

**if your spring is 10-1/4" long, the fractional length is 1/4" You must select 00 if no fractional length as this is a required field.:*

Mini-Warehouse +\$4.00

Wind

Wind
Right
Left

Qty

CAUTION: Working on storage doors and changing springs can be dangerous task. Springs are under extreme tension and require appropriate safety precautions. Working with doors, openers and springs can result in injury or death. We recommend all installations, repairs, adjustments, and removals be made by a qualified technician. Any attempts to install, repair, replace, or adjust doors or springs are done at your own risk. In no event shall All From 1 Supply be liable for damages of any kind, personal injury or death. User assumes all responsibility and risk for use of any information or products provided. By purchasing our products you agree to these terms.