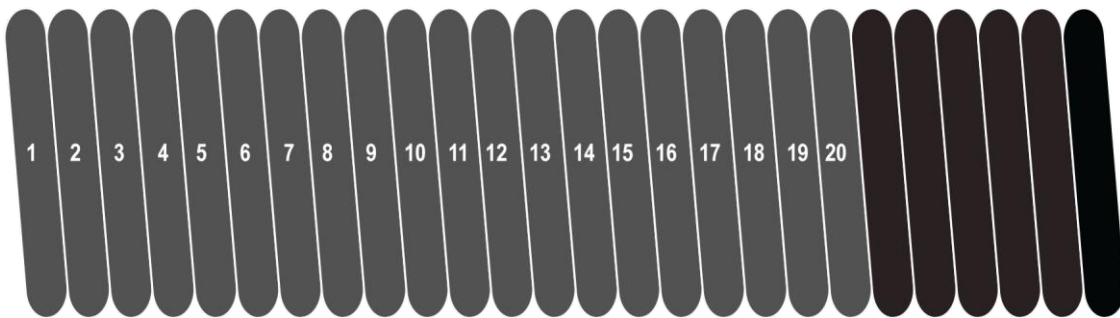


Measuring & Selecting Your Spring

 DO NOT take measurements from a spring still under tension!

STEP 1: Determine Wire Size

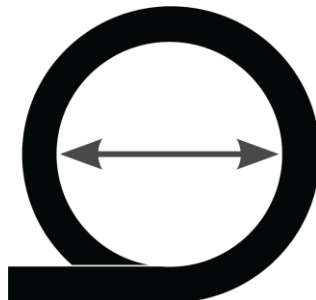
Determine the wire size by using a caliper or by measuring 20 coils of wire (not including the end 'hook') to the nearest 1/16th of an inch and referring to the Spring Wire Chart.



Tip: Use a felt tip or similar marker of contrasting color to mark the start and end position as you count.

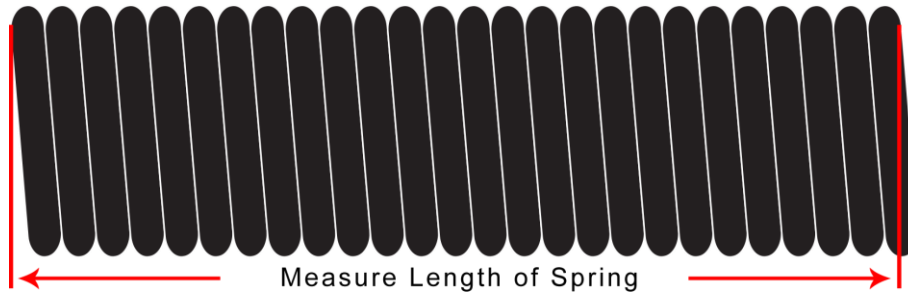
STEP 2: Measure Inside Diameter

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

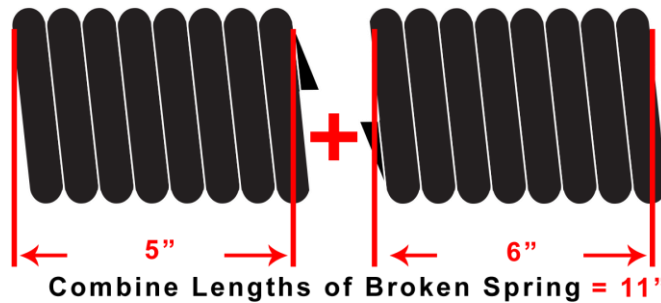


STEP 3: Determine Length of Spring

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

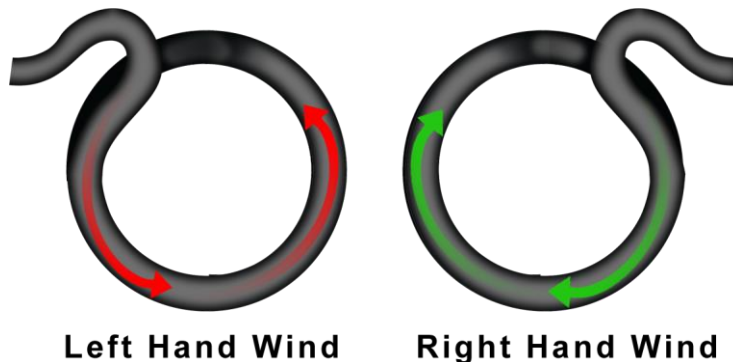


If it is broken lay the pieces as best you can to get the overall length. Measure the spring from coil to coil (not to the hooked ends). For a distorted or broken spring, you could also count all the coils and multiply by the wire size. *ie. 120 coils x .2500 wire = 30" spring*



Step 4: Determine Wind

From inside the unit looking up at the spring. 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 up. A right-hand spring is wound clockwise. A left-hand spring is wound counter-clockwise.



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
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