

**RollEase®**



# Some tips to raise your shades.

The RollEase® EasySpring™ Roller System offers all the options in the Skyline® family without sacrificing quality.

## **EasySpring™ Roller System**

*RollEase is proud to introduce EasySpring, a versatile and easy-to-use spring roller system. The EasySpring Rollers adapt flawlessly to all Skyline bracketing systems to not only ease the installation process but also to expand your offerings with minimal investment in hardware.*

*EasySpring Rollers are manufactured in Europe using the highest quality materials and meet the exacting RollEase standards for safety and endurance.*

*The EasySpring Roller System is ideal for customers looking for a reliable Cordless Roller Shade solution and is the newest addition to the RollEase ChildSafe™ offering.*



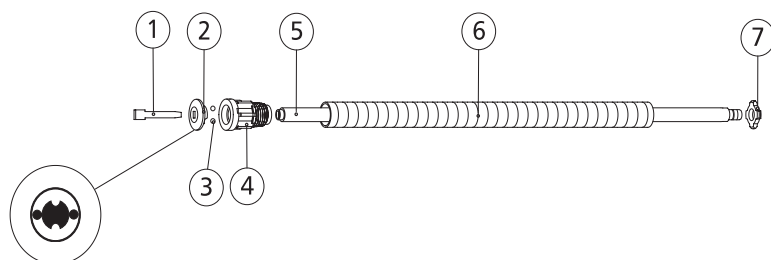


## EasySpring™ Mechanisms

### TECHNICAL DATA SHEET

The standard RollEase EasySpring program offers 1" springs in two different lift capacities adaptable to 1-¼" tubes. For larger shades, RollEase also offers a 1-½" Spring Mechanism. The standard springs have two stop balls to allow for a stop approximately every 1" to 2" depending on the tube diameter. Should there be a need for a different type or size of spring, inquire with your Regional Sales Manager.

The Spring Mechanisms are adaptable to all Skyline brackets and fascia systems with the use of a simple, easy-to-use Skyline Bracket Adapter. In addition to the use of the Skyline Spring Loaded Pin End, there are two optional Speed Reducers, one with a stop feature, that both enable the slow, steady rise of a shade. Speed Reducers are only for use on 1" and 1-¼" systems.



#### Exploded View (no assembly required)

1. End Pin
2. Locking Plate with Notches
3. Stop Bearings
4. Housing
5. Axle
6. Spring Wire
7. Centering Washer

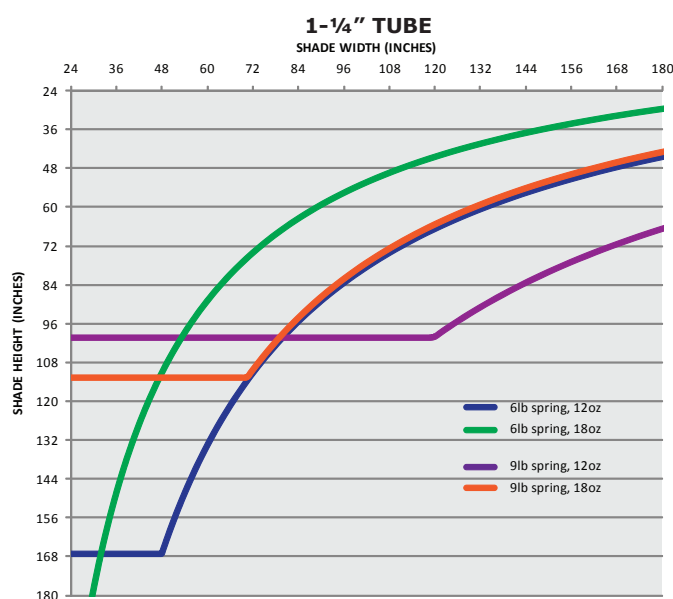
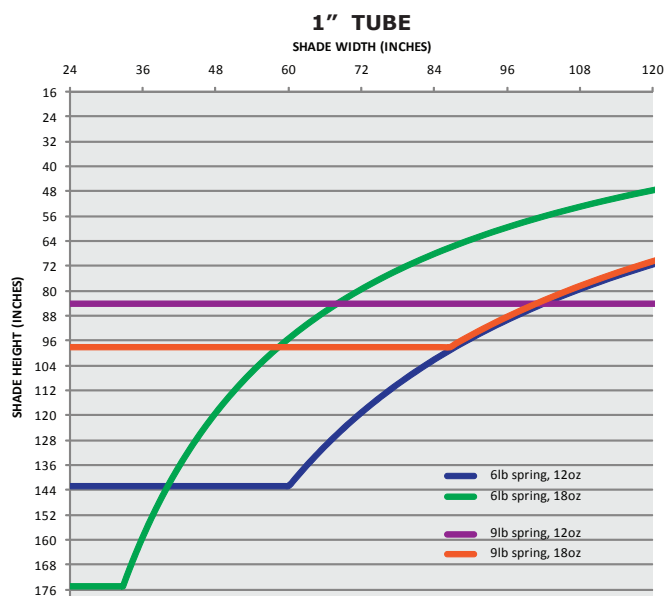
Part Number	Maximum Load	End Cap Color	Spring Length	Wire Diameter	Housing Diameter	Maximum Turns
RE0070100	6lb (2.7kg)	beige	15" (381mm)	1.2mm	1" (25mm)	40
RE0070200	9lb (4.1kg)	gray	15" (381mm)	1.3mm	1" (25mm)	30
RE0070300	11lb (5.0kg)	gray	17-½" (445mm)	1.6mm	1-½" (38mm)	30



## EasySpring™ Mechanisms

### SPRING CHARTS

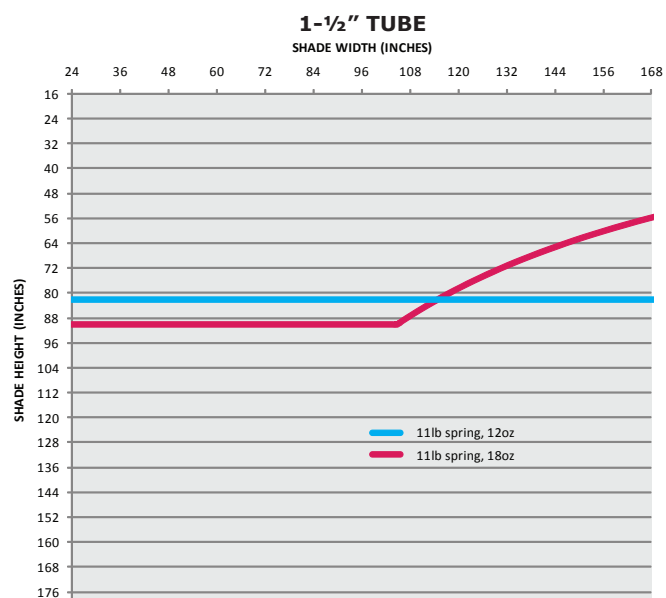
The following charts can be used to approximate which spring to use based on shade size, tube diameter, and fabric weight. Note that these charts do not determine acceptable tube deflection. These charts demonstrate the capacity of the EasySpring Roller only.



### Fabric Weight and Thickness Used:

12oz - 0.017"

18oz - 0.029"



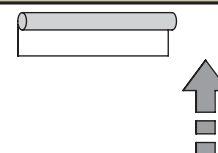
## EasySpring™ Accessories

### TECHNICAL DATA SHEET

#### SPEED REDUCER WITH STOP

**Part Number: RE0070500**

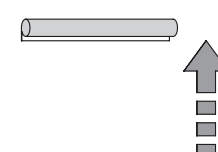
The Speed Reducer with Stop slows the speed at which the shade rises and has an adjustable stop function. The Stop is controlled by a planetary gear set making it highly reliable.



#### SPEED REDUCER

**Part Number: RE0070400**

The Speed Reducer controls the speed at which the shade rises. Once the shade is engaged upward, the shade will rise at a controlled speed all the way up.



#### SKYLINE BRACKET ADAPTER

**Part Number: RE0070910 (W) RE0070920 (BK)**

Available in white and black, the Bracket Adapter allows for the spring to be used in any Skyline bracketing system, including Fascia and Cassette systems. The Bracket Adapter is required for the spring side. On the pin end side, this adapter is required if using a Speed Reducer. If using a Skyline Spring Loaded Pin End, no adapter is needed.



#### 1-1/4" (32mm) TUBE ADAPTER

**Part Number: RE0070600**

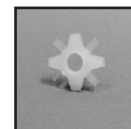
This Tube Adapter adapts 1" (25mm) Spring Mechanisms and Speed Reducers to 1-1/4" (32mm) tube.



#### 1-1/4" (32mm) CENTERING WASHER

**Part Number: RE0070800**

When adapting a 1" (25mm) spring to a 1-1/4" (32mm) tube, the Centering Washer at the end of the spring should also be replaced. This helps to stabilize the spring and reduce noise inside the tube.



#### SPRING WINDER

**Part Number: RE0070700**

The Spring Winder is a tool that is used to rotate the pin to apply tension to the spring. This is an optional item that simplifies and speeds up the tensioning of the spring. Alternatively, the tension can be applied using pliers.



## EasySpring™ Fabrication

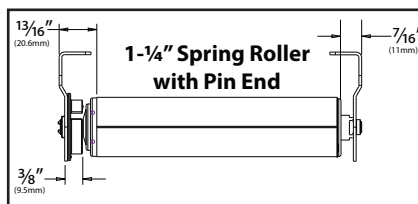
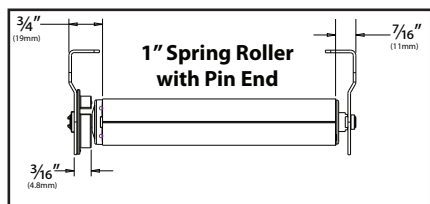
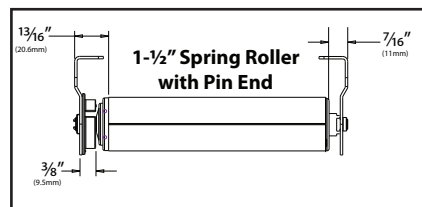
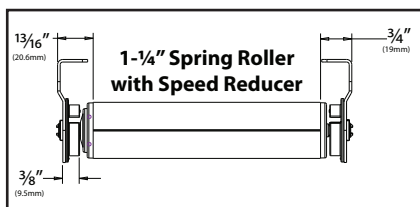
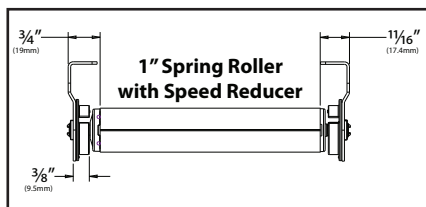
### FABRICATION INSTRUCTIONS

#### 1. Cut the tube, hem bar and fabric to the required length.

After cutting the tube, do not debur the inside of the tube as the grooves assist in the assembly of the system.

#### Light Gap Deductions are as follows:

*Note that Speed Reducers and Speed Reducers with Stop have the same deduction requirement.*

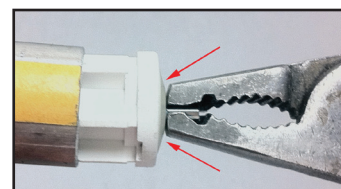


#### 2. Insert either the Skyline Pin End or optional Speed

**Reducer into the tube.** If adapting from a 1" to 1-1/4" tube, begin by inserting the Tube Adapters and replace the Centering Washer on the spring. Note that the pin end **ALWAYS** goes on the right and the spring on the left of a completed shade.

#### 3. Using a clamp or pliers, insert the Spring Mechanism into

**the tube.** Be careful not to put pressure directly on the pin and try to put pressure on the surrounding plastic. It is recommended to push against a groove and to align the pin with the tape on the tube. Doing this will help ensure that neighboring shades roll up to the same level.



3. Insert Spring Mechanism

**4. Attach the fabric to the tube.** Note that to operate properly, the spring must be on the left hand side of a finished, hung shade. It is recommended to lay the fabric on a table and attach the fabric to the tube with the spring on the right side. This will make a standard roll shade with the spring on the left when hung.



4. Attach fabric to tube and roll up

#### 5. Attach desired hem bar and pull ring/tassel.

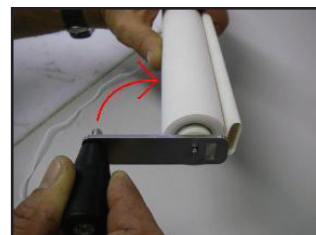
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## EasySpring™ Fabrication

### FABRICATION INSTRUCTIONS

- 6. Pretension the Spring Mechanism.** The amount of tension needed to accurately set the spring tension is contingent on the size of the spring, type of fabric, diameter of the tube and personal preference. The following guidelines provide a general recommendation:

1" spring: 10-13 turns  
1-¼" spring: 10-13 turns  
1-½" spring: 15-20 turns



6. Pretension Spring Mechanism

- 7. Adjust the stop function on Speed Reducer with Stop** (if applicable) **before installing the shade into the brackets.** With the fabric unrolled to the desired stop position, turn the pin of the Speed Reducer clockwise by hand until you can't turn it any further. This will be the position at which the shade will stop. If you want to lower or raise the position, add or subtract a wrap of the fabric.



7. Adjust Stop on Speed Reducer

### INSTALLATION INSTRUCTIONS

- 1. Insert the EasySpring Bracket Adapter into the Skyline brackets.** If using a Speed Reducer you will need an adapter at each end. If using a Skyline Spring Loaded Pin End, an adapter on the pin end side is not necessary.
- 2. Mount the brackets** to the wall, window frame or ceiling. Depending on what Skyline bracketing system is being used, the mounting methods will vary slightly. The patented RollEase Skyline bracketing system allows for the universal installation of the brackets, i.e., there is no right or left side for a particular bracket. Note that the spring side of the finished shade will be on the left, so the left bracket will need a Bracket Adapter inserted.
- 3.** With the brackets installed, mount the spring side of the shade by **sliding the spring into the groove of the adapter** and dropping down. Then mount the pin end or Speed Reducer side of the shade. The Speed Reducer will drop into the adapter plate the same as the spring.



1. Insert adapter into brackets






3. Insert spring into adapter



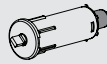
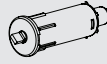





## EasySpring™

### SPRING MECHANISMS

	DESCRIPTION	PART NO.	PACK SIZE*
	1" 6lb Spring	RE0070100	100
	1" 9lb Spring	RE0070200	100
	1-½" 11lb Spring	RE0070300	25

### SPRING ACCESSORIES

	DESCRIPTION	PART NO.	PACK SIZE*
	Skyline Bracket Adapter White	RE0070910	50
	Skyline Bracket Adapter Black	RE0070920	50
	Speed Reducer with Stop	RE0070500	100
	Speed Reducer	RE0070400	100
	1-¼" Tube Adapter	RE0070600	100
	1-¼" Centering Washer	RE0070800	100
	Spring Winder	RE0070700	each

\* Pack sizes are listed for convenience purposes only. Any part can be purchased in any quantity.