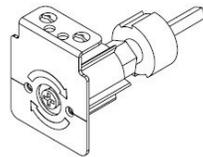
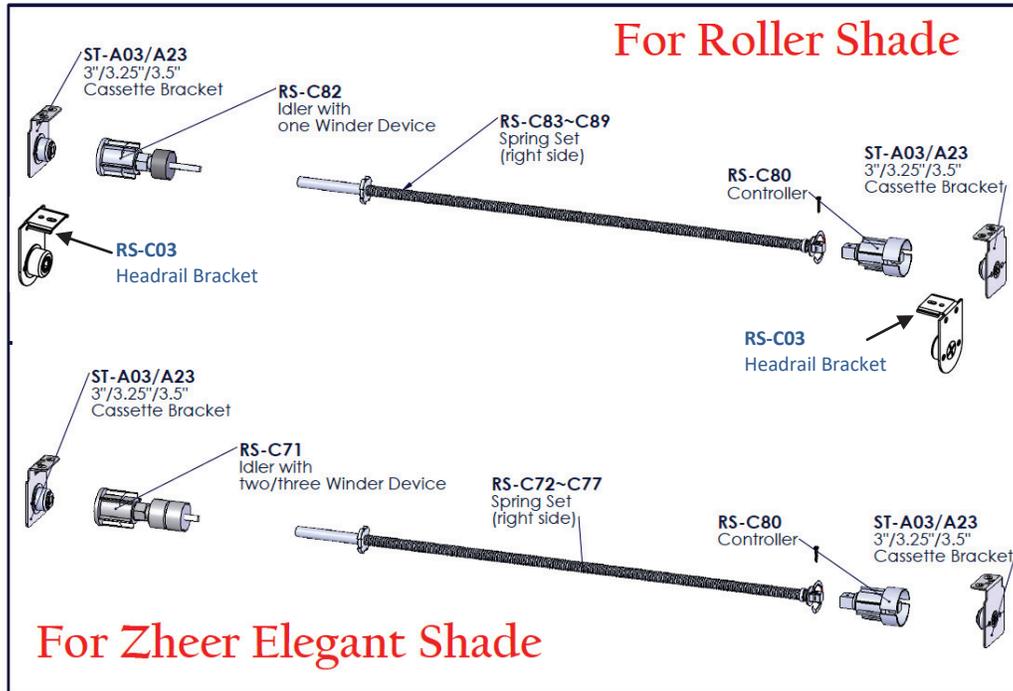
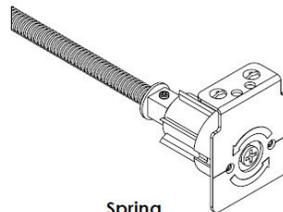
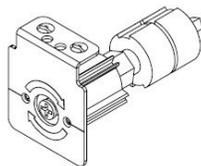


# Installation Instruction



**Idler with Winders**

**Left Side:**  
Clockwise  
**Pre-turns:**  
1~3 turns for all size of shades



**Spring**

**Right Side:**  
Counterclockwise  
**Pre-turns:**  
Refer to Pre-turns Chart based on Shade Size

## Pre-Caution for Shipping

The assembled shade should be wrapped properly to make sure bottom bar has no chance to roll backward during shipment.



# Pre-Rotation Chart

## 1. For Roller Shade

**1 1/2" (38mm) Z-Rise Cordless Roller Shade Spring and Pre-Rotation Chart**

Roller Shade Width →

		23.6	27.6	31.5	35.4	39.4	43.3	47.2	51.2	55.1	59.1	63.0	66.9	70.9	74.8	78.7	82.7	86.6	90.6	94.5	98.4		
		60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250		
Roller Shade Drop	inch	23.6	27.6	31.5	35.4	39.4	43.3	47.2	51.2	55.1	59.1	63.0	66.9	70.9	74.8	78.7	82.7	86.6	90.6	94.5	98.4		
	cm	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250		
	23.6	Min. Width: 23"																					
	27.6																						
	31.5																						
	35.4																						
	39.4																						
	43.3	(1)  RS-C83 Spring Size: 11300  Pre-rotate 15~20		(2)  RS-C84 Spring Size: 12300  Pre-rotate 15~18			(3)  RS-C85 Spring Size: 13300  Pre-rotate 7~12			(4)  RS-C86 Spring Size: 14350  Pre-rotate 8~17			(5)  RS-C87 Spring Size: 15400  Pre-rotate 16~17.5			(6)  RS-C89 Spring Size: 17500  Pre-rotate 11							
	47.2																						
	51.2																						
	55.1																						
	59.1																						
	63.0	(7)  RS-C88 Spring Size: 18600  Pre-rotate 10.5																					
	66.9																						
	70.9																						
74.8																							
78.7																							
82.7																							
86.6																							
90.6																							
94.5																							
98.4																							

**Note:** This chart is based on the following fabric/bottom bar weight spec:

Roller shade fabric: 12.84oz/yd<sup>2</sup> = 0.435kg/m<sup>2</sup> (as ZMC Z-2000 3%)

Bottom bar: 0.128lb/ft = 0.19kg/m (as ZMC slim bottom bar)

## 2. For Zheer Elegant system

**1 1/2" (38mm) Z-Rise Cordless Zheer Elegant Spring and Pre-Rotation Chart**

Shade Width →

		23.6	27.6	31.5	35.4	39.4	43.3	47.2	51.2	55.1	59.1	63.0	66.9	70.9	74.8	78.7	82.7	86.6	90.6	94.5	98.4		
		60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250		
Shade Drop	inch	23.6	27.6	31.5	35.4	39.4	43.3	47.2	51.2	55.1	59.1	63.0	66.9	70.9	74.8	78.7	82.7	86.6	90.6	94.5	98.4		
	cm	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250		
	23.6	Min. Width: 25"																					
	27.6																						
	31.5																						
	35.4																						
	39.4																						
	43.3	(1)  RS-C72 Spring Size: 08350  Pre-rotate 22		(2)  RS-C73 Spring Size: 09500  Pre-rotate 26			(3)  RS-C74 Spring Size: 10600  Pre-rotate 22			(4)  RS-C75 Spring Size: 11600  Pre-rotate 15~27			(5)  RS-C76 Spring Size: 12700  Pre-rotate 24~30			(6)  RS-C77 Spring Size: 131000  Pre-rotate 36~37							
	47.2																						
	51.2																						
	55.1																						
	59.1																						
	63.0																						
	66.9																						
	70.9																						
74.8																							
78.7																							
82.7																							
86.6																							
90.6																							
94.5																							
98.4																							

**Note:** This chart is based on the following fabric/bottom bar weight spec:

Zheer Elegance Fabric: 6.20oz/yd<sup>2</sup> = 0.21kg/m<sup>2</sup> (as ZMC Eclipse - Pure white)

Closed Bottom bar + Rolling Rod: 3.9lb/ft = 0.54kg/m (as ZMC closed bottom bar & Rolling Rod)