



# MEDIUM ROLLER BLIND

## ASSEMBLY MANUAL

| v1.2 | December 2024



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## DISCLAIMER

### INTRODUCTION

This Assembly manual has been produced by Rollease Acmeda to supply the necessary information for the safe and correct assembly of Medium Roller Blinds.

### DISCLAIMER

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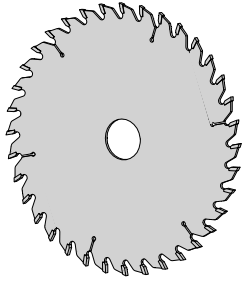
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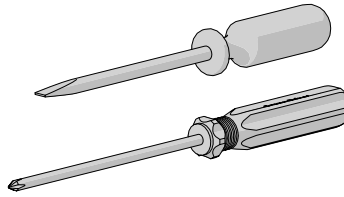
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**TOOLS REQUIRED**

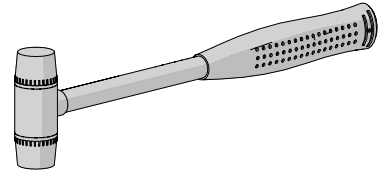
Cutting Blade



Screw Driver



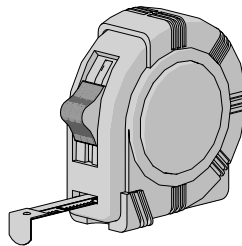
Mallet



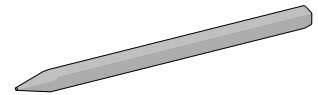
Scissors



Measuring Tape

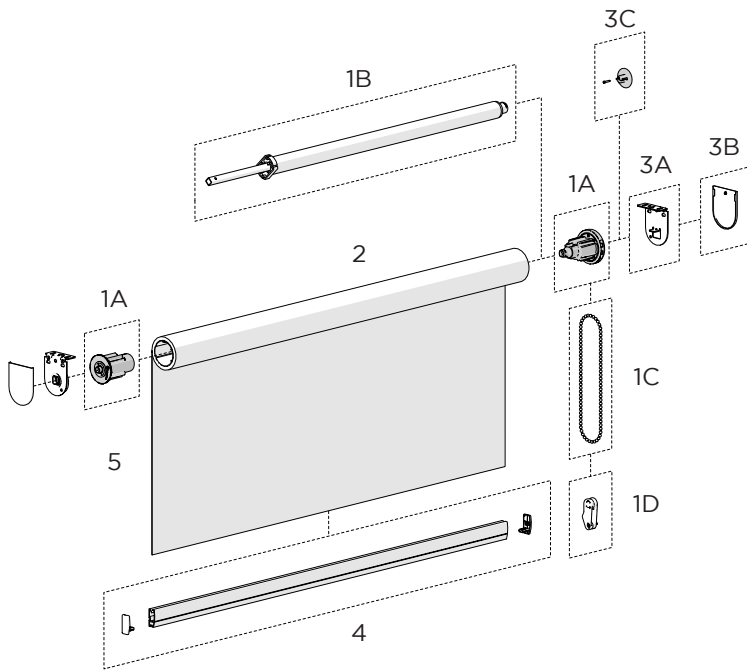


Pencil



SYSTEM SCHEMATICS

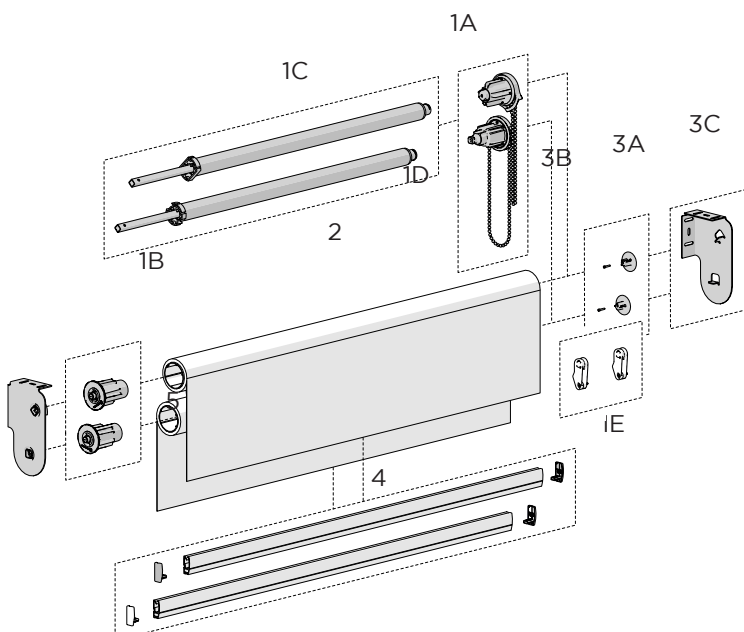
SINGLE CHAIN WINDER - GENERAL SCHEMATIC



SYSTEM INDEX:

- 1. CONTROL:**
  - A - Chainwinder + Idler
  - B - Spring Booster
  - C - Chain
  - D - Child Safety Device
- 2. ALUMINIUM TUBE:**
  - S40/S45
- 3. BRACKETS:**
  - A - Bracket
  - B - Bracket Cover
  - C - HD Adaptor (optional)
- 4. BOTTOM RAIL**
- 5. FABRIC**

DUAL CHAIN WINDER - GENERAL SCHEMATIC

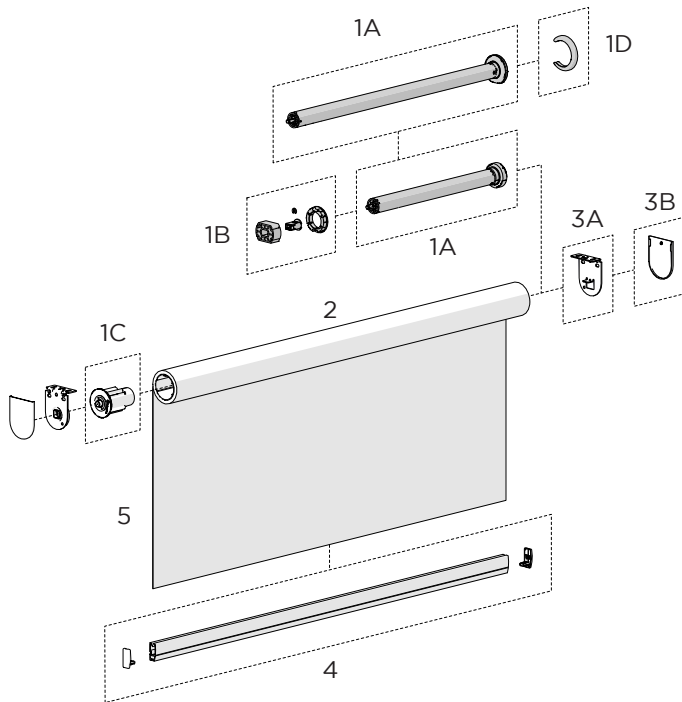


SYSTEM INDEX:

- 1. CONTROL:**
  - A - Chainwinder
  - B - Idler
  - C - Spring Booster
  - D - Chain
  - E - Child Safety Device
- 2. ALUMINIUM TUBE:**
  - S40/S45
- 3. BRACKETS:**
  - A - Dual Shade Bracket
  - B - HD Adaptor
  - Dual Shade Bracket cover
- 4. BOTTOM RAIL**
- 5. FABRIC**

## SYSTEM SCHEMATICS

## SINGLE AUTOMATE MOTORS - GENERAL SCHEMATIC



## SYSTEM INDEX:

**1. CONTROL:**

- A - Motor: Li-ion/DC/AC
- B - Crown & Drive Kit
- C - Idler: RB09/RB08
- D - Accessories: ZERO Motor Cap

**2. ALUMINIUM TUBE:**

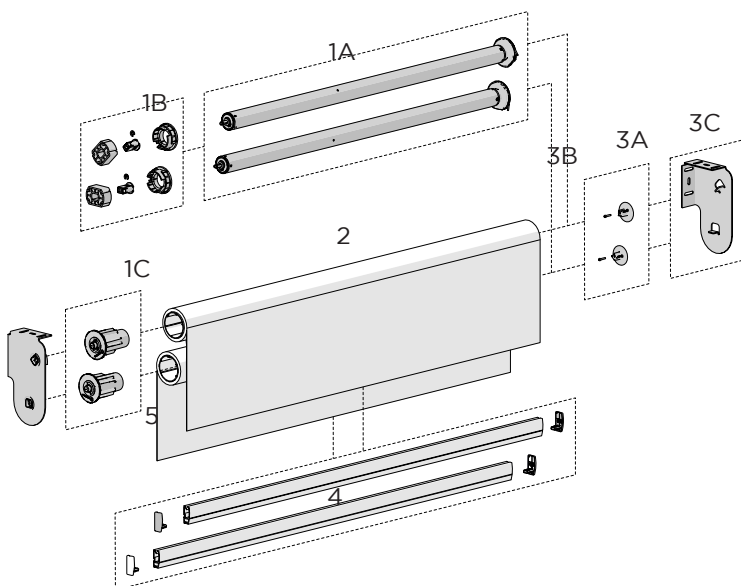
- S40/S45

**3. BRACKETS:**

- A - Bracket
- B - Bracket Cover

**4. BOTTOM RAIL****5. FABRIC**

## DUAL AUTOMATE MOTORS - GENERAL SCHEMATIC



## SYSTEM INDEX:

**1. CONTROL:**

- A - Motor: ZERO/DC/AC
- B - Crown & Drive Kit
- C - Idler: RB09/RB08

**2. ALUMINIUM TUBE:**

- S40/S45

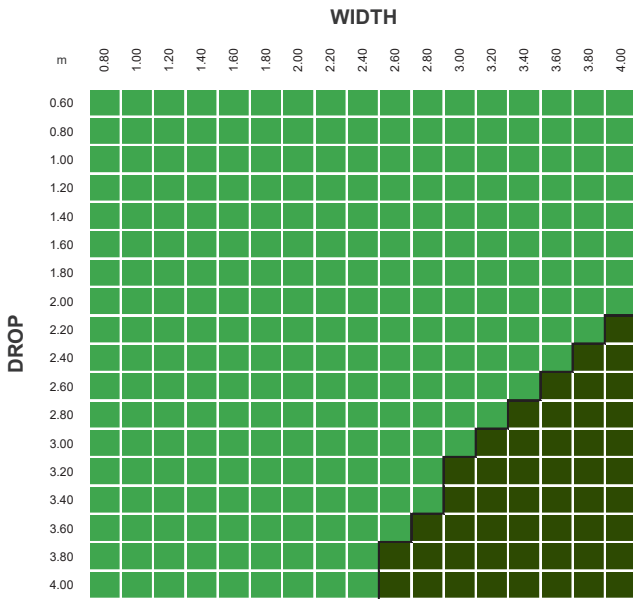
**3. BRACKETS:**

- A - Dual Shade Bracket
- B - HD Adaptor
- C - Dual Shade Bracket cover

**4. BOTTOM RAIL****5. FABRIC**

## SYSTEM CAPACITY CHARTS

### MOTOR CONTROL CAPACITY



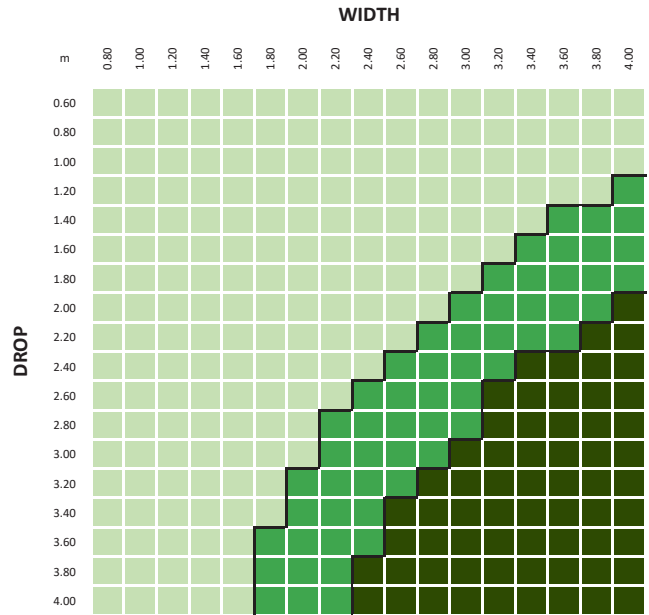
**MOTOR**

- 1.1Nm
- 2.0Nm | 3.0Nm | 6.0Nm

**PARAMETERS:**

FABRIC DENSITY: 390gsm  
 FABRIC THICKNESS: 0.6mm  
 WEIGHT BAR: D30 Bottom Rail  
 TUBE DEFLECTION: 1.05mm/m

### RB07/08/09 CONTROL CAPACITY



**BOOSTER**

**TYPE**

**PARAMETERS:**

BOOSTER	TYPE	PARAMETERS:
OPTIONAL	STD/HD	FABRIC DENSITY: 390gsm
RECOMMENDED	STD/HD	FABRIC THICKNESS: 0.6mm
REQUIRED	STD/HD	WEIGHT BAR: D30 Bottom Rail
		TUBE DEFLECTION: 1.05mm/m

**REQUIRED:**

Booster is required to ensure system functionality, as the shade weight is above the control holding capacity.

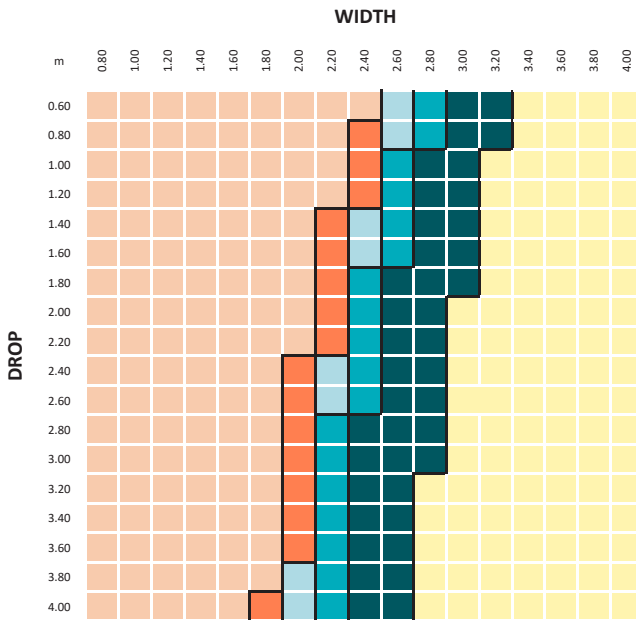
**RECOMMENDED:**

Booster is recommended to ensure the user effort is in a comfortable range.

**OPTIONAL:**

User effort is comfortable without a booster.

### TUBE CAPACITY



**TUBES**

**RB08**

**PARAMETERS:**

- S40 | STANDARD
- S40 | HEAVY DUTY
- S45 | LIGHT
- S45 | STANDARD
- S45 | HEAVY DUTY
- LINKED

FABRIC DENSITY: 390gsm  
 FABRIC THICKNESS: 0.6mm  
 WEIGHT BAR: D30 Bottom Rail  
 TUBE DEFLECTION: 1.05mm/m

### HOLDING CAPACITY

CONTROL	COMPATIBLE TUBES				
	S40 STD	S40 HD	S45 LT	S45 STD	S45 HD
CHAIN	5.2kg	5.1kg	4.7kg	4.6kg	4.2kg
+ STD BOOSTER	10.0kg	9.8kg	9.1kg	8.9kg	8.0kg
+ HD BOOSTER	14.8kg	14.4kg	13.3kg	13.1kg	11.8kg
1.1Nm	5.8kg	-	5.2kg	5.1kg	4.6kg
2.0Nm	-	-	9.4kg	9.2kg	8.3kg
3.0Nm	-	-	14.1kg	13.9kg	12.5kg
6.0Nm	-	-	28.3kg	27.7kg	25.0kg



**NOTE**

Shades installed at maximum holding capacity will require excessive user effort to operate.

## HARDWARE SUMMARY

CONTROLS	S40 TUBES			S45 TUBES		
	STANDARD	STANDARD 39-SPLINE	HEAVY DUTY 39-SPLINE	LIGHT	STANDARD	HEAVY DUTY
RB07/08	✓	✓	✓	✓	✓	✓
RB09				✓	✓	✓
1.1NM	✓			✓	✓	✓
2.0NM				✓	✓	✓
3.0NM				✓	✓	✓
6.0NM				✓	✓	✓

SINGLE BRACKETS	PITCH [mm]	MAX ROLL [mm]	BRACKET COVERS	BRACKET WIDTH [mm]	BRACKET HEIGHT [mm]	WINDER		MOTOR			IDLER	
						RB07 RB08	RB09	1.1, 2.0 5V	1.1, 2.0, 3.0 12V	E6 & M6	RB08	RB09
AX	40	75	✓	40	60	✓		✓	✓	✓*	✓	
	55	105			75	✓		✓	✓	✓*	✓	
VX	40	75	✓	50	65	✓		✓	✓	✓*	✓	
LX	40	75	✓	50	65	✓	✓	✓	✓	✓*	✓	✓
	55	105			80	✓	✓	✓	✓	✓*	✓	✓
M40 LX	40	75	✓	50	65				✓	✓	✓	✓
	55	105			80				✓	✓	✓	✓

\*REQUIRES HD BRACKET ADAPTOR

DOUBLE BRACKETS	MAX ROLL SIZE (x2)	BRACKET COVERS	WINDER		MOTOR			IDLER		SAME SIDE CONTROL
			RB07/ RB08	RB09	1.1 & 2.0 5V	1.1, 2.0, 3.0	E6 & M6	RB07/ RB08	RB09	
SLIM PROFILE TOP FRONT	70mm	✓	✓	✓	✓	✓	✓*	✓	✓	✓
SLIM PROFILE TOP BACK	70mm	✓	✓	✓	✓	✓	✓*	✓	✓	✓
SQUARE-X	70mm		✓	✓	✓	✓	✓*	✓	✓	
SLIMLINE-X	65mm		✓	✓	✓	✓	✓*	✓	✓	✓

\*REQUIRES HD BRACKET ADAPTOR

BOTTOM RAILS	WEIGHT g/m	COMPATIBILITY									
		8.7mm FLAT SPLINE	9mm FLAT SPLINE	10mm FLAT SPLINE	15mm FLAT SPLINE	FEEDING FUNNELS	BALLAST	FABRIC BRUSH	BUBBLE SEAL	DIM OUT	WIRE GUIDE END CAPS
F4115 HD	558				✓		✓	✓	✓	✓	✓
D30 SILENT	306				✓	✓	✓	✓	✓	✓	✓
OVAL	284			✓	✓	✓	✓				
ROUND	266			✓	✓		✓				
FLAT	241			✓		✓	✓		✓		✓
FABRIC WRAP	459	✓	✓				✓				

## DEDUCTIONS &amp; MINIMUM SHADE WIDTH



## NOTE

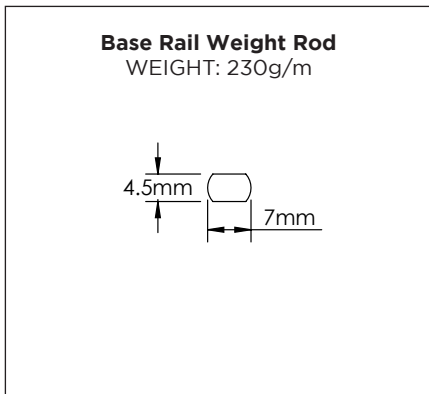
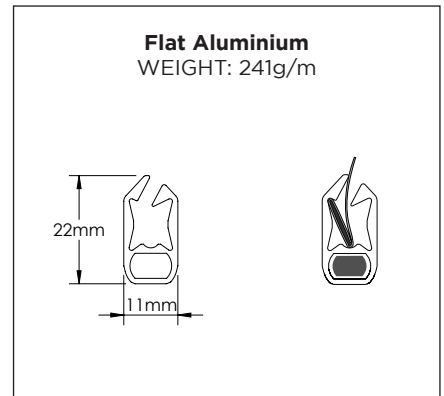
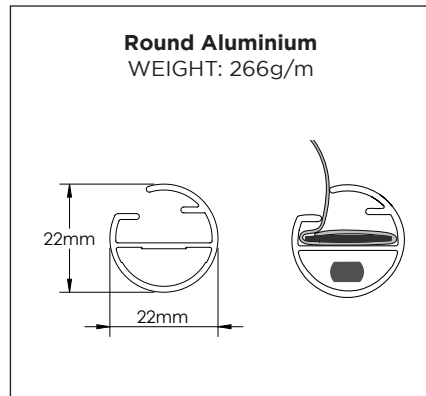
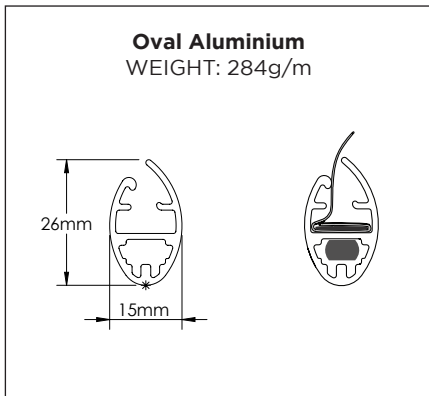
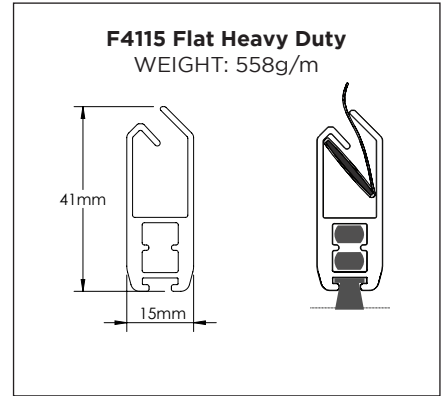
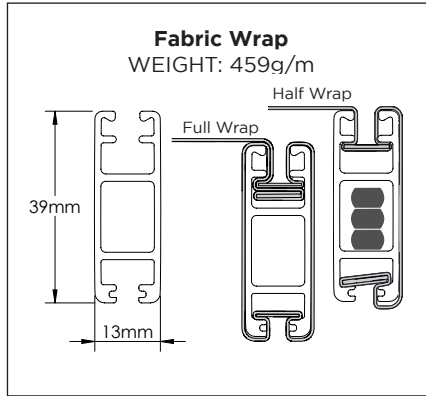
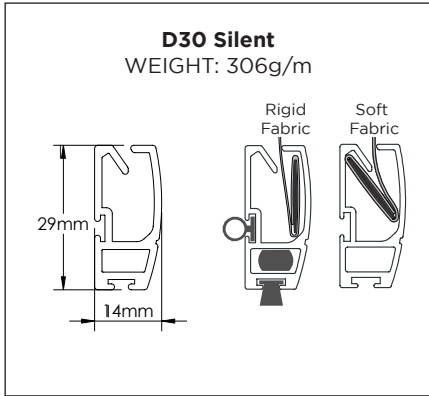
**RB08/RB09/MOTORISED** Minimum Shade Width based on **5mm** gap between hardware in tube.

**FABRIC WIDTH** It is recommended to cut the fabric **1mm** less than the tube length.

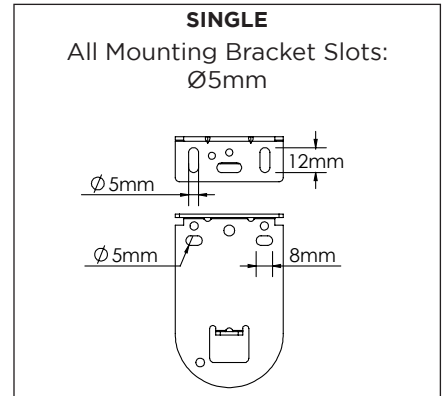
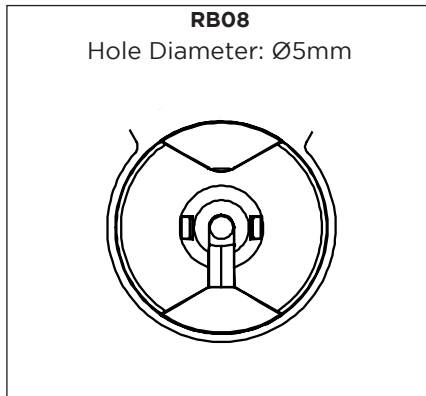
MINIMUM SHADE WIDTH		TUBE DEDUCTION	
CONTROL	IDLER*	WITH BRACKET COVERS	NO BRACKET COVERS
	RB08 MKII / RB09		
RB08	140mm	31mm	28mm
+ STD BOOSTER	798mm		
+ HD BOOSTER	923mm		
RB09	150mm	29mm	26mm
+ STD BOOSTER	817mm		
+ HD BOOSTER	937mm		
Zero Li-ion 1.1 Short	569mm	27mm**	25mm
Zero Li-ion 1.1	642mm		
Zero Li-ion 2.0	739mm		
Zero DC 1.1	432mm	27mm**	25mm
Zero DC 2.0	576mm		
E6	674mm	31mm	29mm
M6	567mm	32mm	30mm
<i>*Subtract 14mm if using RB08 MKI Idler.</i>		<i>**Add +1mm to deductions for Motor Cap.</i>	



**BOTTOM RAIL SPECIFICATIONS**

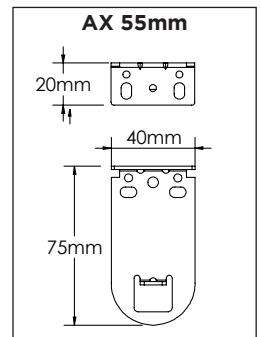
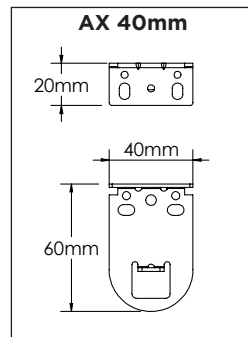
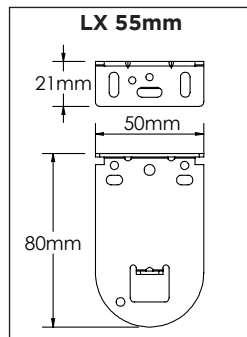
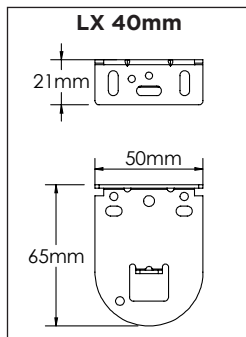
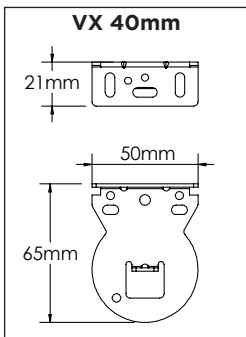


**MOUNTING & IDLER SPECIFICATIONS**

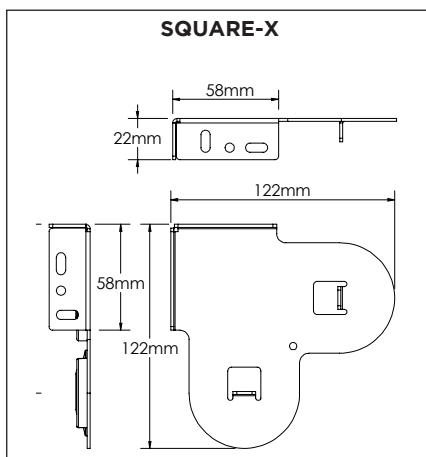
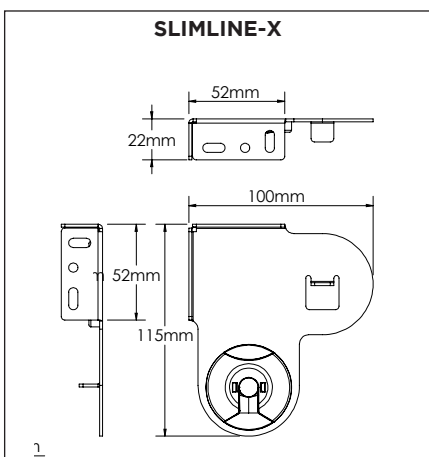
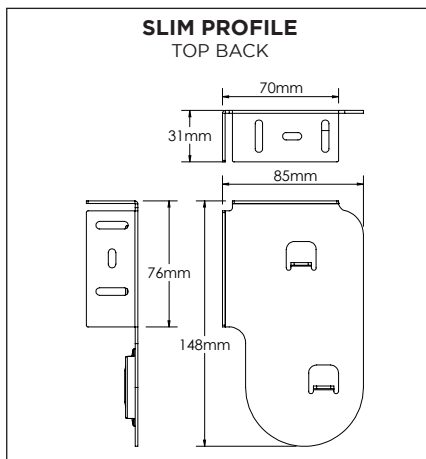
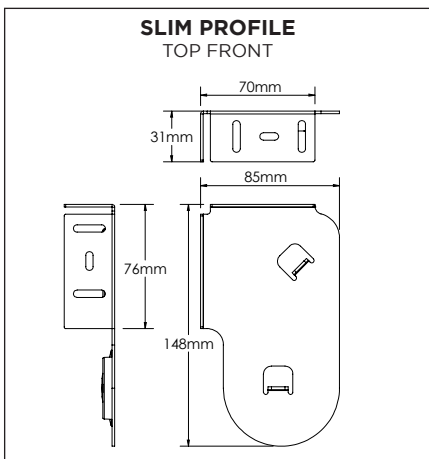


**EASY-LOCK BRACKET SPECIFICATIONS**

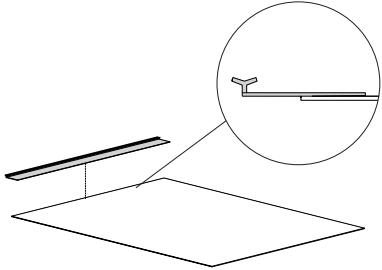

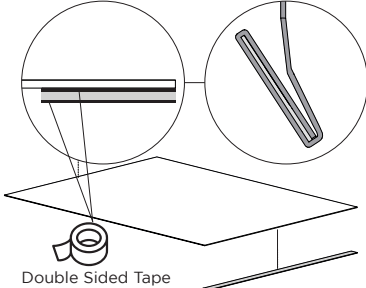
**SINGLE BRACKETS**



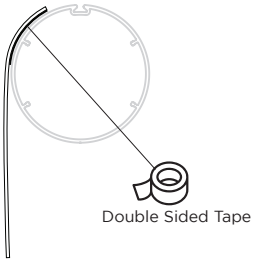
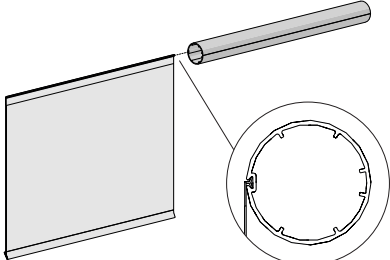
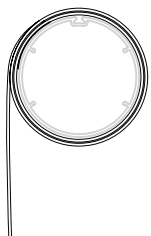
**DOUBLE BRACKETS**



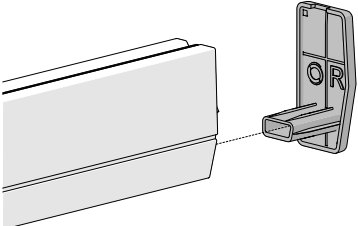
## FABRIC PREPARATION

<p><b>Optional</b></p> <p><b>1a</b> Attach and secure T-Spline for tube</p>  <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NOTE</b></p>  <p>T-Spline is not needed if double sided tape is used</p> </div>	<p><b>1b</b> Secure spline for weightbar</p>  <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>NOTE</b></p> <p>Use staples when using one wrap on the spline</p> </div>
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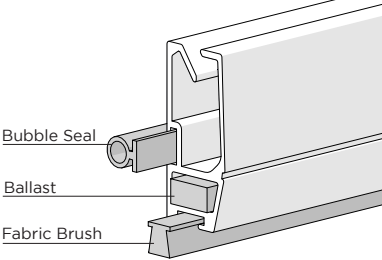
## TUBE & BOTTOM RAIL ASSEMBLY

<p><b>1a</b> Attach fabric onto tube if using double sided tape</p>  <p style="text-align: center;">Double Sided Tape</p>	<p><b>1b</b> Slide fabric into tube when using T-Spline</p> 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p><b>NOTE</b></p> </div>  <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Minimum 1 full wrap of fabric on the tube</p> </div>
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**2** Attach one end cap

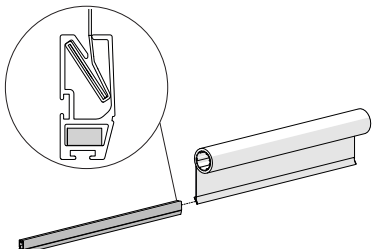


**3** Add accessories



Bubble Seal  
Ballast  
Fabric Brush

**4** Slide bottom rail onto fabric spline

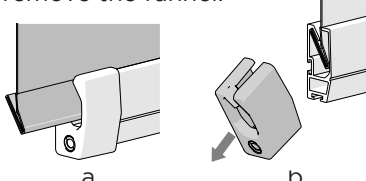


**Optional**

**4a** Only for D30, Flat & Oval:

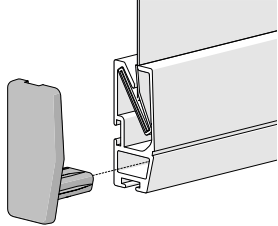
a. Attach fabric using the fabric feeding funnel.

b. Once fabric is attached, remove the funnel.

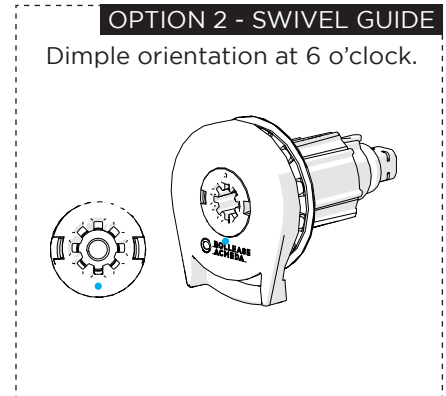
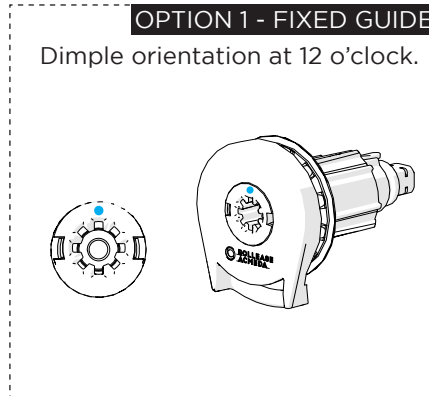
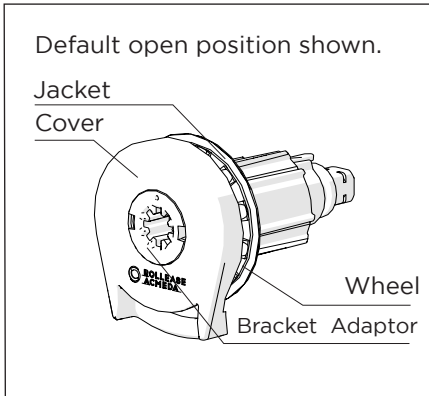


a.                      b.

**5** Attach remaining end cap

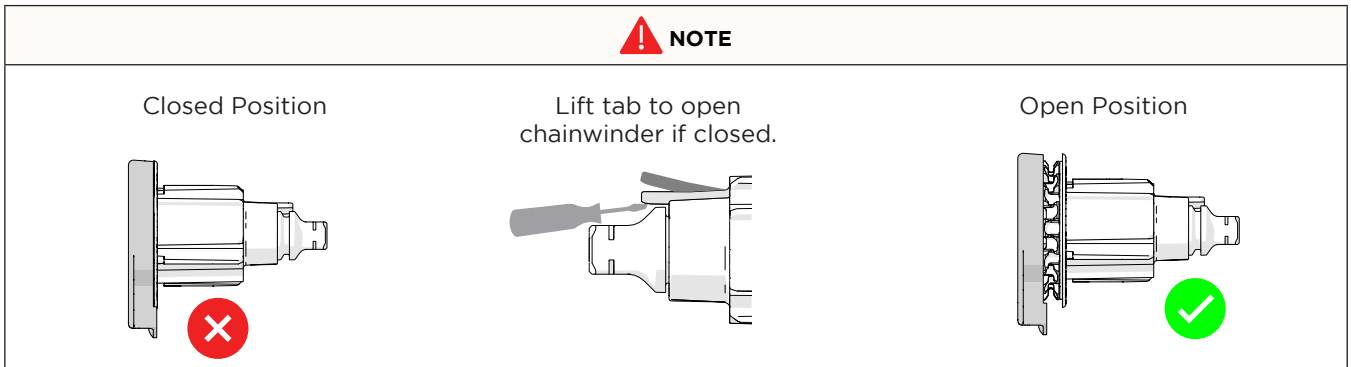


## RB09 DIRECT CHAIN WINDER WITH GUIDE

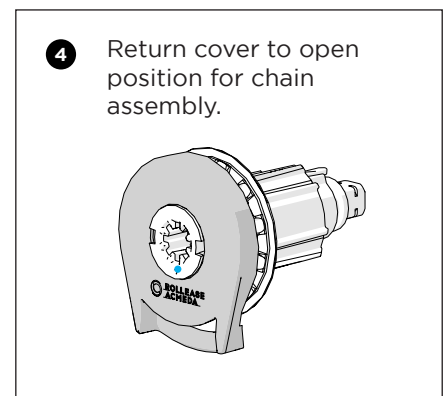
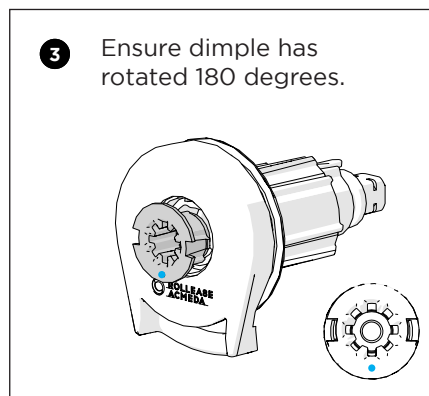
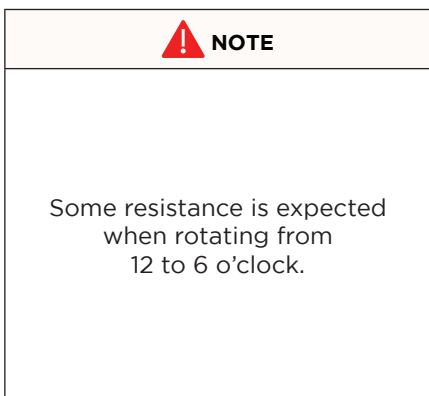
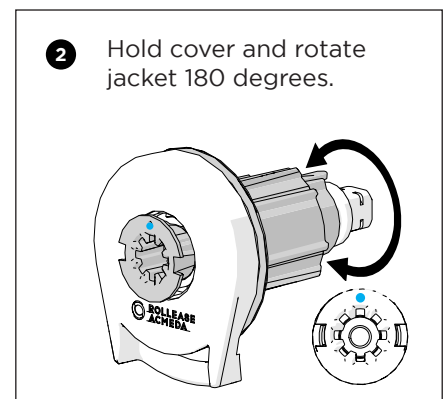
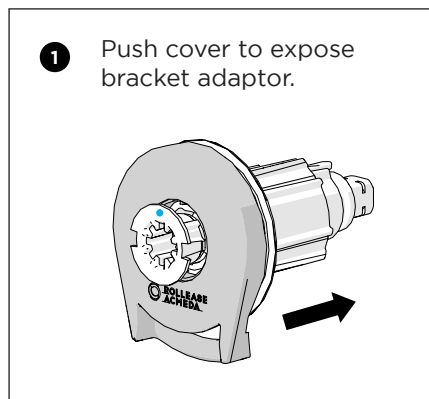
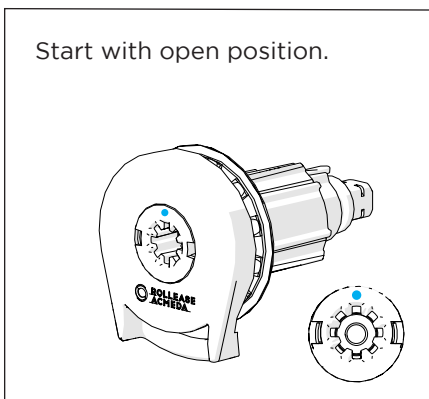
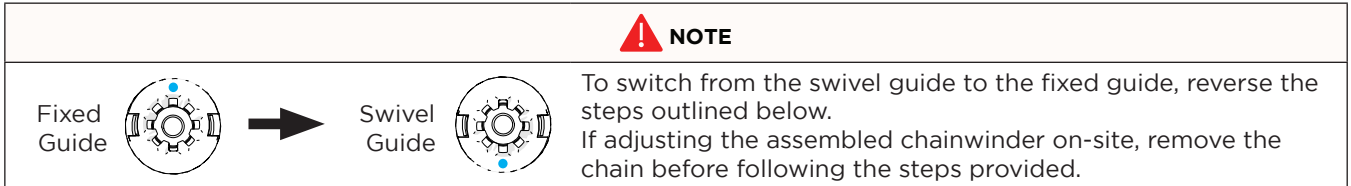


## RB09 FIXED GUIDE TO SWIVEL GUIDE

**NOTE**



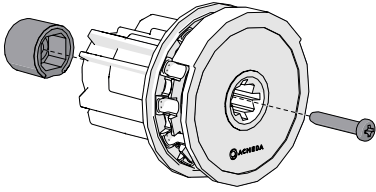
**NOTE**



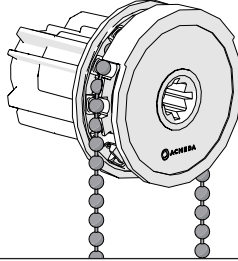
## CHAIN ASSEMBLY

### RB08

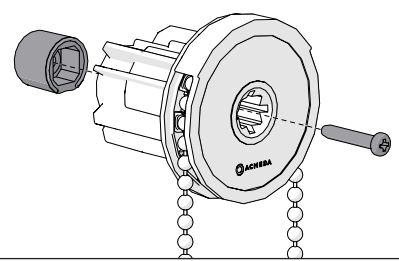
- 1 Undo fastener to open chain cover.



- 2 Wrap chain around wheel.

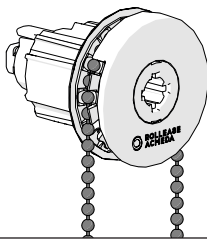


- 3 Reassemble chainwinder with chain and fastener.

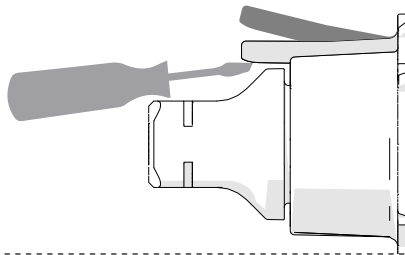


### RB09

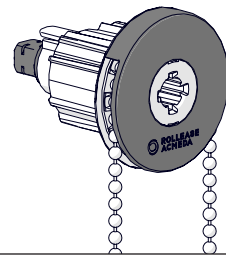
- 1 Insert chain into open chainwinder.



- Optional  
Lift tab to open chainwinder if closed.

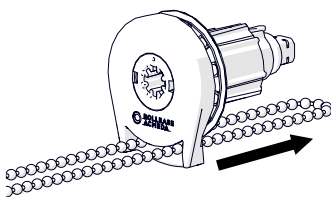


- 2 Snap cover into position.

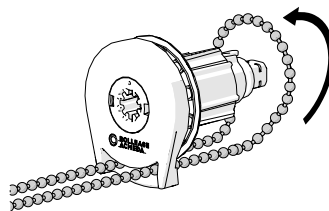


### RB09 WITH CHAIN GUIDE ASSEMBLY

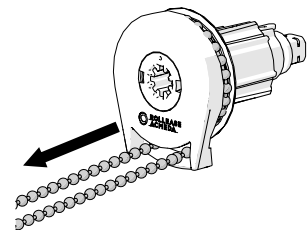
- 1 Insert chain into open Chainwinder.



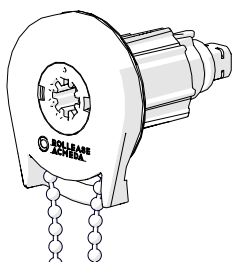
- 2 Wrap chain around wheel.



- 3 Pull through excess chain.



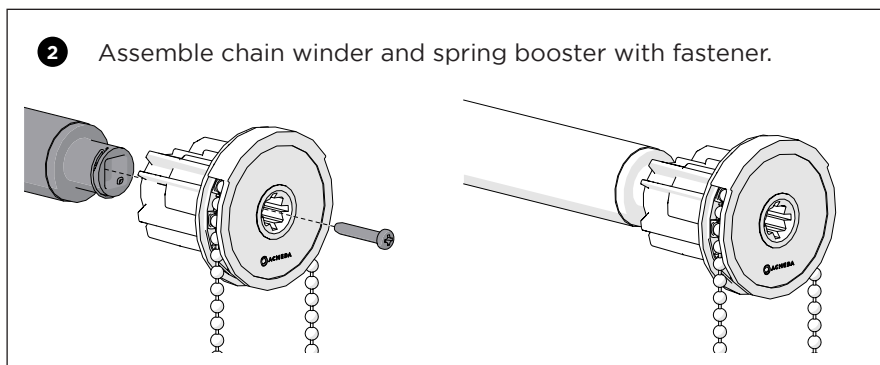
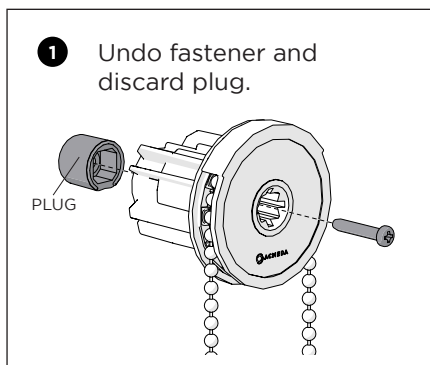
- 4 Snap cover into position.



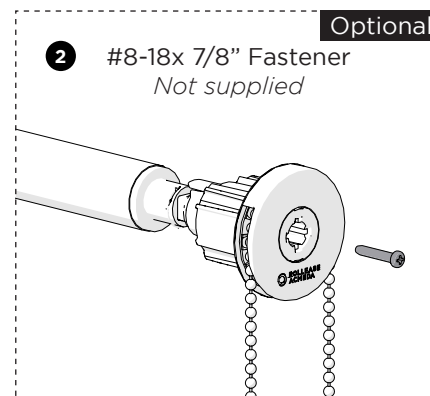
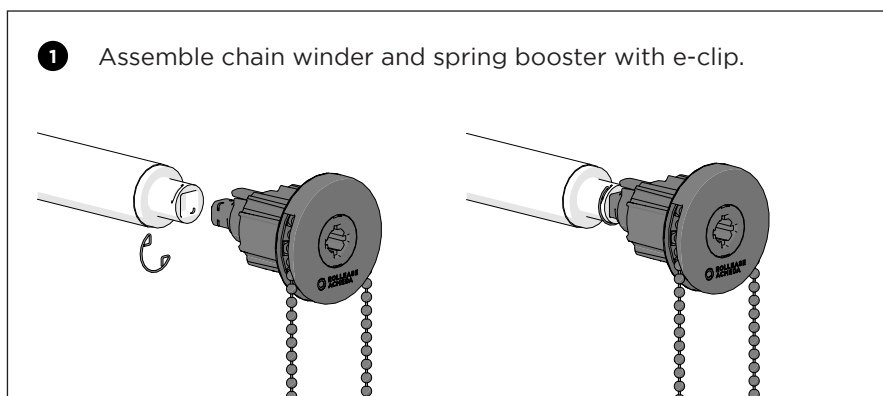
## SPRING BOOSTER ASSEMBLY

SHADE CONTROL	FABRIC BACK ROLL	FABRIC FRONT ROLL	BOOSTER	COLOUR
Right	Right Hand Booster	Left Hand Booster	Right Hand Spring	White (STD) / Grey (HD)
Left	Left Hand Booster	Right Hand Booster	Left Hand Spring	Yellow (STD) / Blue (HD)

### RB08

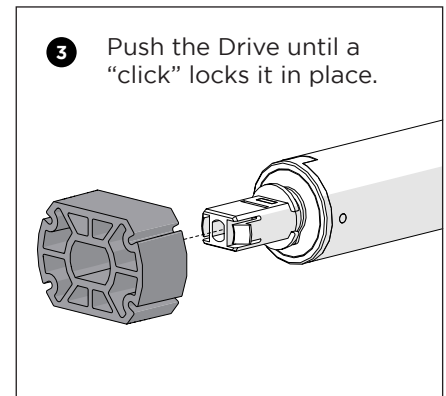
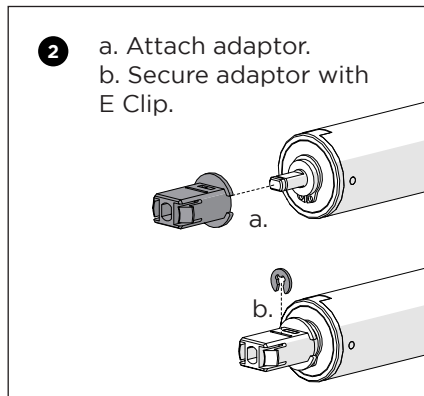
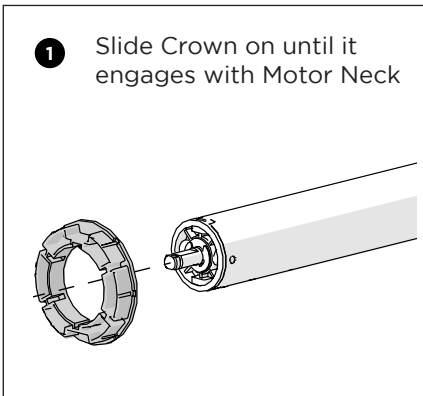


### RB09

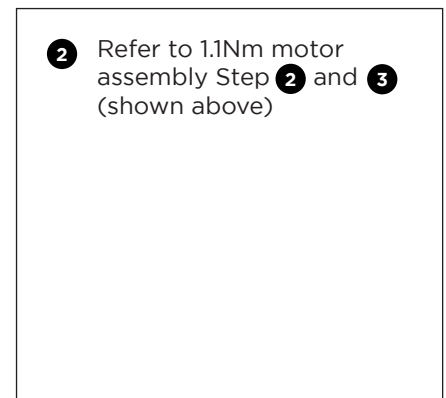
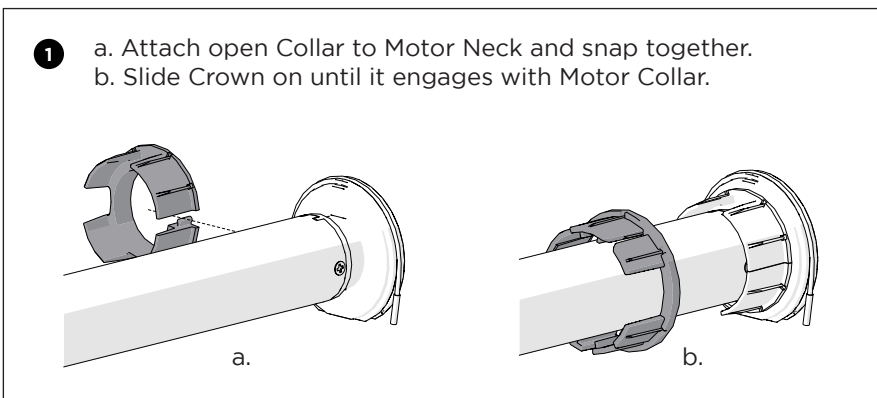


## MOTOR ASSEMBLY

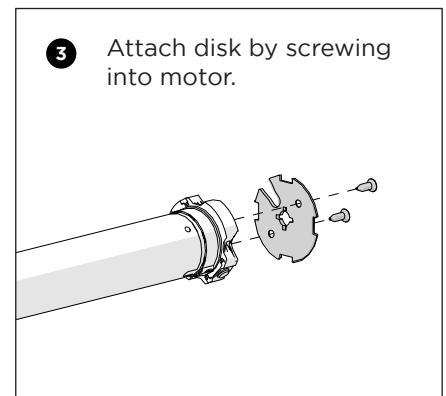
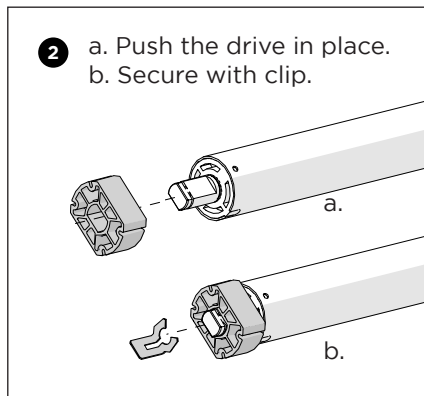
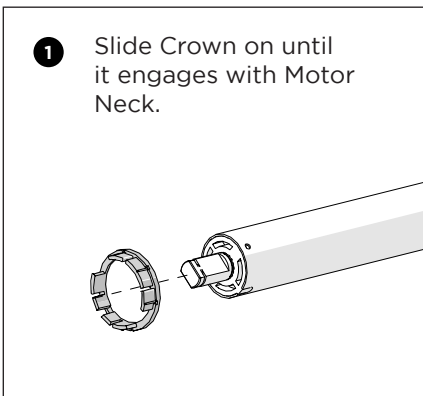
## 1.1 Nm 25mm S45 Kit



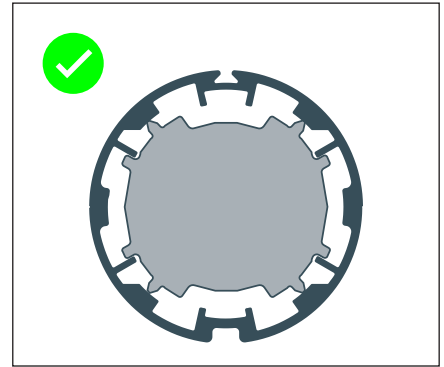
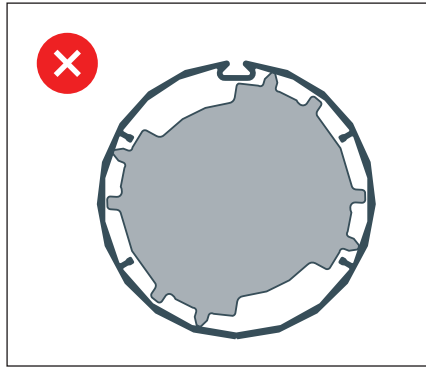
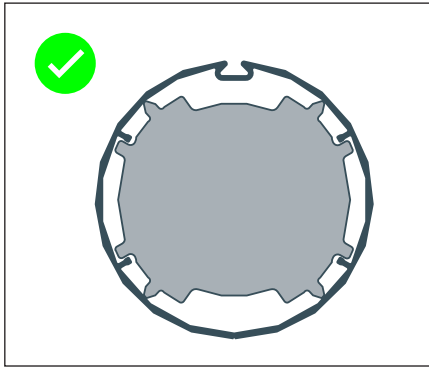
## 2.0 Nm 28mm S45 Kit



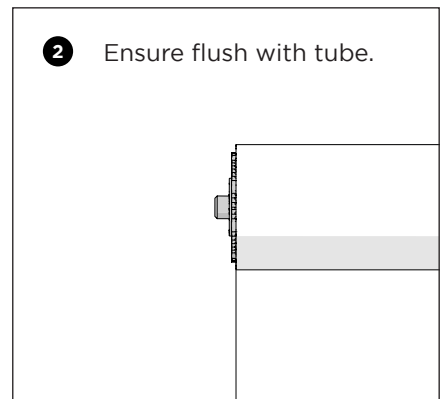
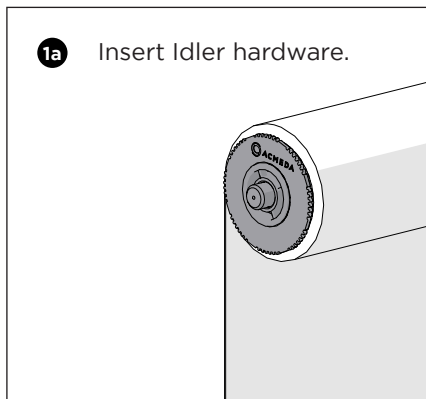
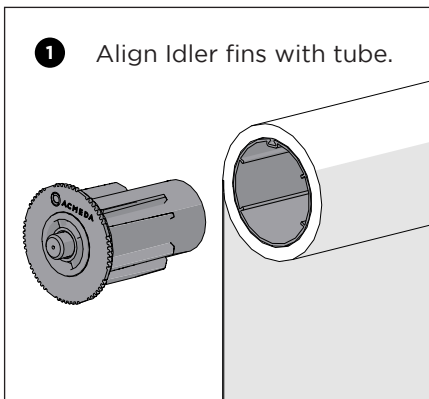
## 3.0 - 6.0Nm 35mm S45 Kit



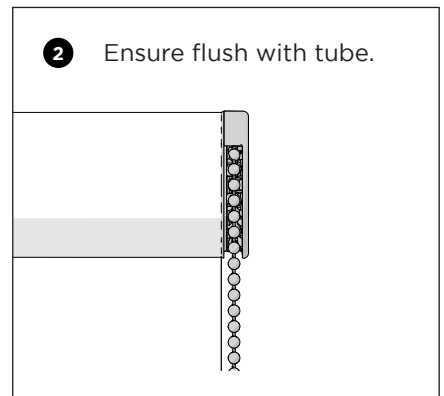
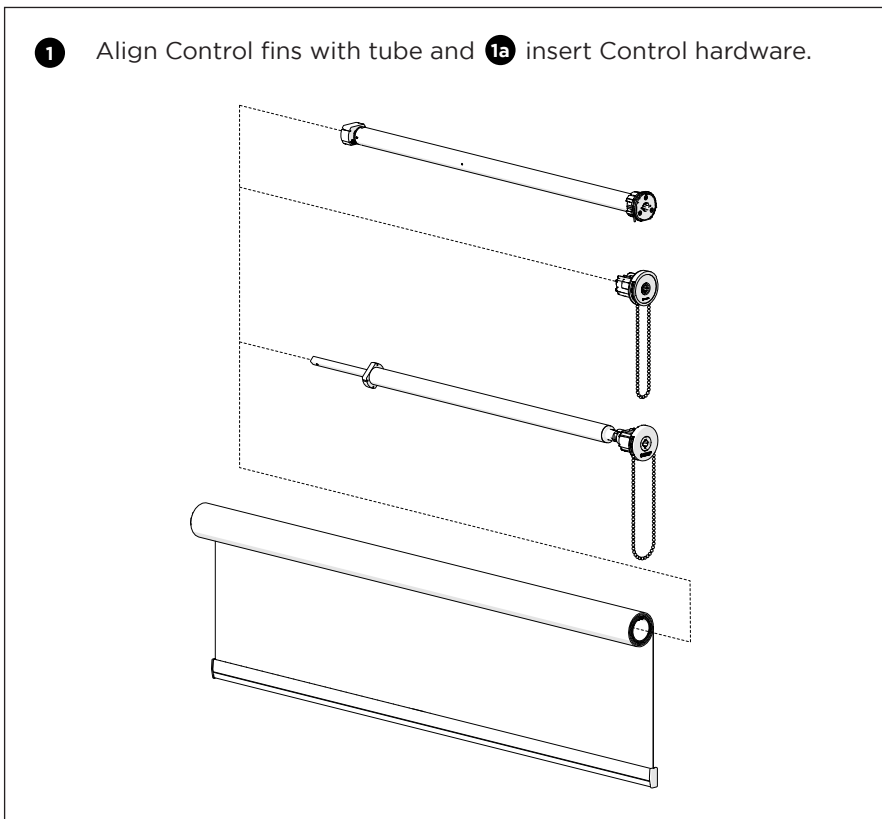
**TUBE ENGAGEMENT WITH HARDWARE**



**IDLER INSTALLATION**



**CONTROL INSTALLATION**





**RETRO-FIT BOOSTER | PRE-TURNS**



**NOTE**

These charts are guidelines only - **adjust pre-turns as required during installation.**  
 The number in the cell represents the number of pre-turns required for each shade size.

**S40**

		WIDTH									
		# TUBE TURNS	0.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00
DROP	0.80	6	3	4	5	7	8	9	11	5	6
	1.20	9	3	4	6	7	8	10	11	5	6
	1.60	11	3	4	6	7	9	10	5	6	6
	2.00	13	3	5	6	8	9	11	5	6	7
	2.40	16	3	5	7	8	10	11	6	6	7
	2.80	18	3	5	7	9	10	5	6	7	7
	3.20	20	4	5	7	9	11	5	6	7	8
	3.60	22	4	6	7	9	11	6	6	7	8
	4.00	24	4	6	8	10	11	6	7	7	8

**S45**

		WIDTH									
		# TUBE TURNS	0.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00
DROP	0.80	5	3	4	6	7	8	4	5	5	6
	1.20	8	3	4	6	7	9	4	5	6	6
	1.60	10	3	5	6	8	9	5	5	6	7
	2.00	12	3	5	7	8	10	5	6	6	7
	2.40	15	3	5	7	9	4	5	6	6	7
	2.80	17	4	5	7	9	5	5	6	7	8
	3.20	18	4	6	7	9	5	6	6	7	8
	3.60	20	4	6	8	10	5	6	7	7	8
	4.00	22	4	6	8	10	5	6	7	8	8

**S60**

		WIDTH									
		# TUBE TURNS	0.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00
DROP	0.80	4	3	5	3	4	4	5	6	6	7
	1.20	6	3	5	3	4	4	5	6	7	7
	1.60	8	4	5	3	4	5	5	6	7	8
	2.00	10	4	6	3	4	5	6	6	7	8
	2.40	11	4	6	3	4	5	6	6	7	8
	2.80	13	4	6	3	4	5	6	7	7	8
	3.20	15	4	6	3	4	5	6	7	8	9
	3.60	16	4	6	3	4	5	6	7	8	9
	4.00	18	4	6	3	4	5	6	7	8	9

SPRING	MAX ROTATIONS
STD	45
HD	38
*OUTSIDE SPECIFICATIONS	

**PARAMETERS:**  
 FABRIC DENSITY: 390gsm  
 FABRIC THICKNESS: 0.6mm  
 WEIGHT BAR: D30 Bottom Rail

## ADJUST PRETURNS

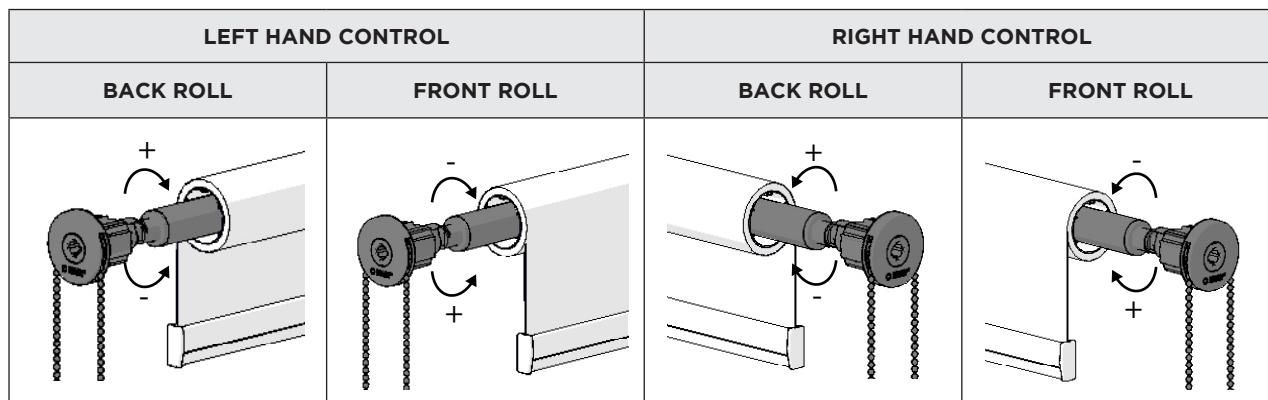
**NOTE**

Pre-turns + # Tube Turns should not exceed Max Spring rotations.

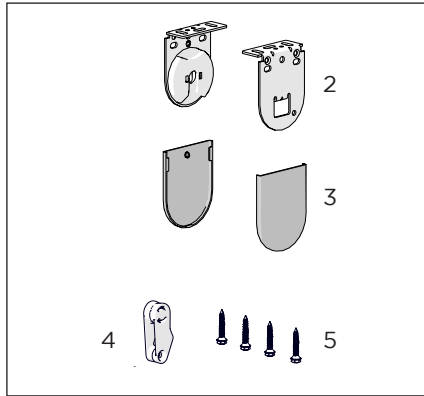
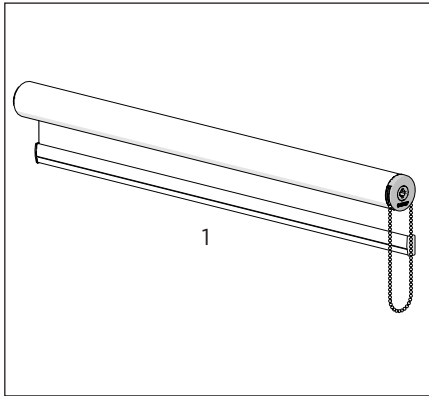
BOOSTER	COLOUR
Right Hand Spring	White (STD) / Grey (HD)
Left Hand Spring	Yellow (STD) / Blue (HD)

**NOTE**

- Remove the winder and rotate to add (+) or remove (-) pre-turns.
- Hold the tube & winder securely when removing the winder, the live tension will cause the parts to spin.



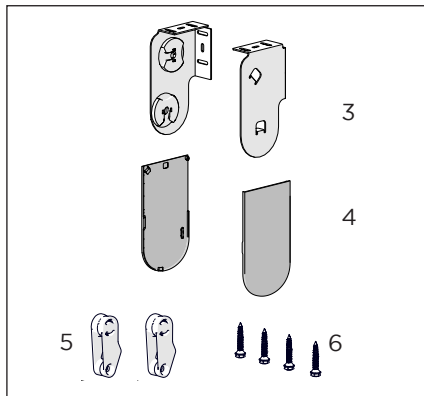
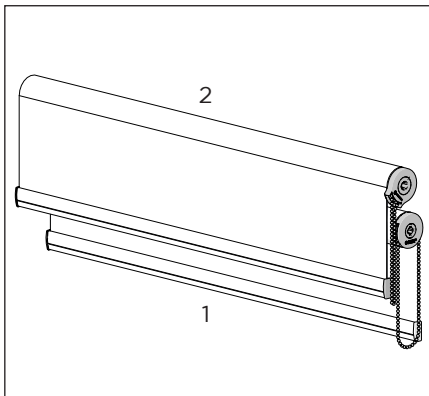
### CHAIN SYSTEM - SINGLE SHADE



SYSTEM INDEX:

1. SHADE ASSEMBLY
2. BRACKET SET
3. BRACKET COVERS SET
  - *Optional*
4. CHAIN TENSIONER
  - *Optional*
5. FASTENERS

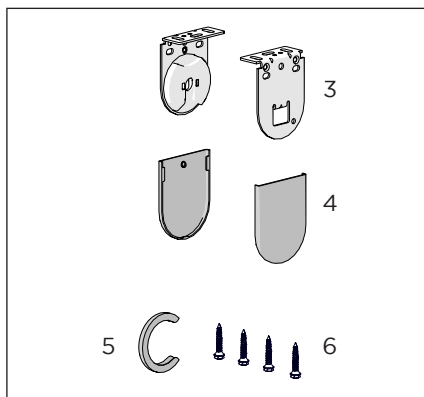
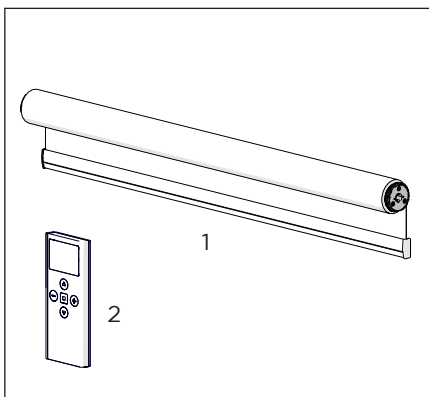
### CHAIN SYSTEM - DUAL SHADES



SYSTEM INDEX:

1. SHADE ASSEMBLY 1
2. SHADE ASSEMBLY 2
3. BRACKET SET
4. BRACKET COVER SET
  - *Optional*
5. CHAIN TENSIONER
  - *Optional*
6. FASTENERS

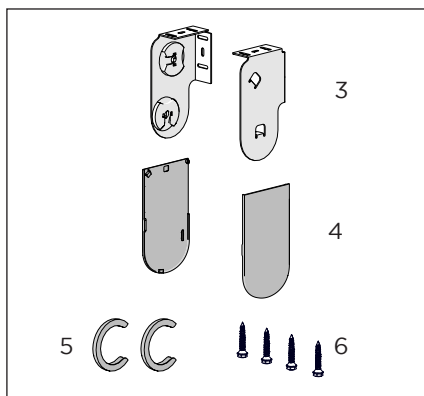
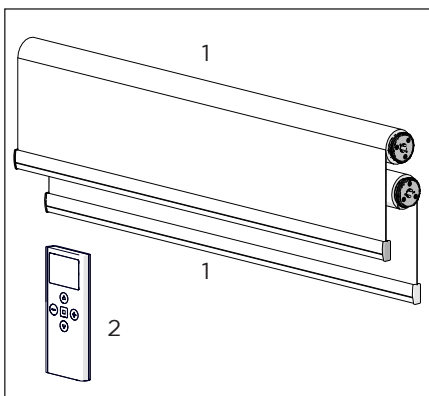
### MOTORISED SYSTEM - SINGLE SHADE



SYSTEM INDEX:

1. SHADE ASSEMBLY
2. REMOTE
  - *Optional*
3. BRACKET SET
4. BRACKET COVERS SET
  - *Optional*
5. MOTOR CAP
  - *Optional*
6. FASTENERS

### MOTORISED SYSTEM - DUAL SHADES



SYSTEM INDEX:

1. SHADE ASSEMBLY
2. REMOTE
  - *Optional*
3. BRACKET SET
4. BRACKET COVER SET
  - *Optional*
5. MOTOR CAP
  - *Optional*
6. FASTENERS

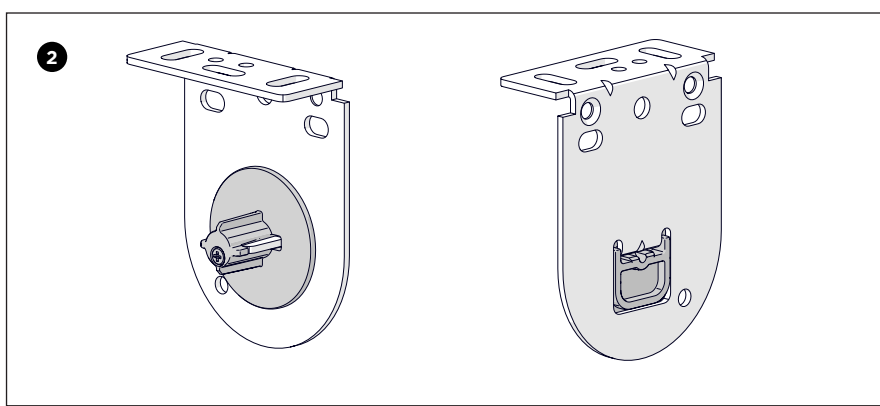
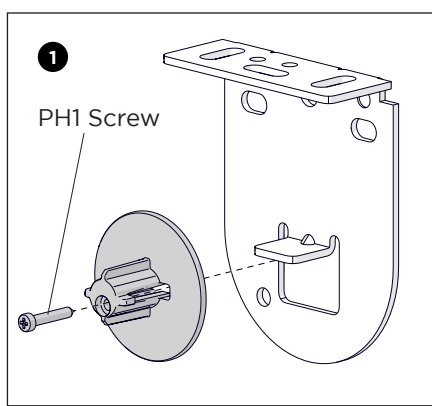
## HD BRACKET ADAPTOR ASSEMBLY

**NOTE**

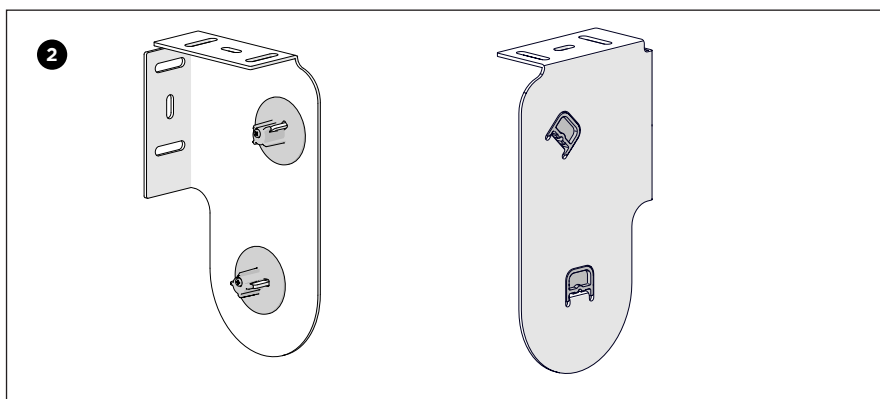
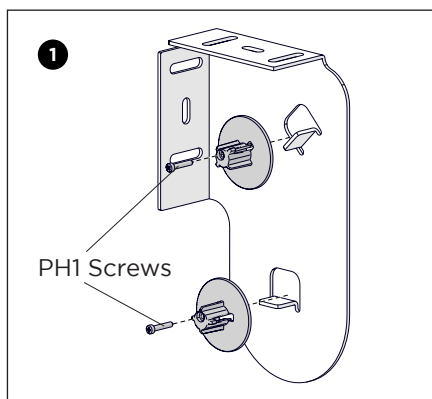
The Heavy Duty Bracket Adaptor is required for all double bracket E6/M6 motorised installations.

CONTROL	APPLICATION	HD BRACKET ADAPTOR RECOMMENDATION	
		SINGLE BRACKETS	DOUBLE BRACKETS
		AX/VX/LX	ALL
CHAIN	<b>Residential</b>	n/a	n/a
	<b>Commercial</b>	<i>optional</i>	<i>optional</i>
MOTOR	<b>Residential</b>	n/a	<i>required</i>
	<b>Commercial</b>	<i>required</i>	<i>required</i>

### SINGLE BRACKET



### DOUBLE BRACKET



19mm