

STRAIGHTAWAY TELESCOPIC – 3 LEAF FITTING INSTRUCTIONS

SPECIFICATION

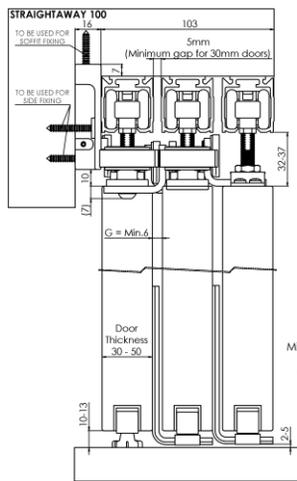
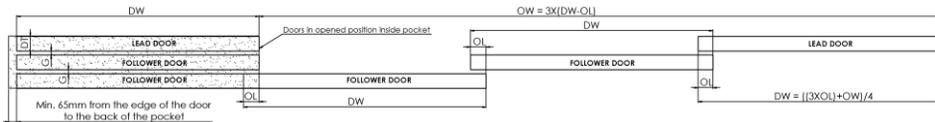
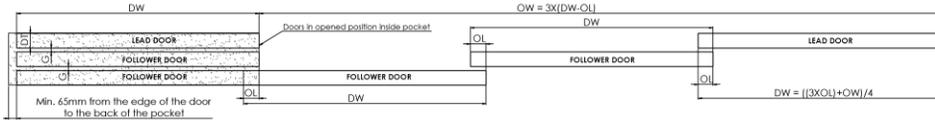
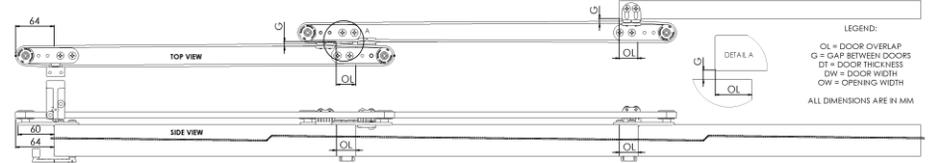
Maximum door weight :250kg
 Door thickness :30mm - 50mm
 Maximum door height :4000mm
 Track dimensions :Depending on system used,
 please refer to coinciding datasheet

Can be used with Straightaway 100, 130, 180 & 250 systems

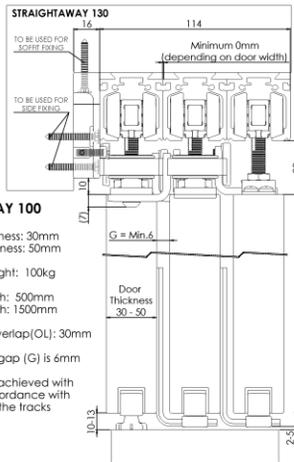
Smooth and silent running.

**NOTE: ROUGH OPENING WIDTH MUST BE $4 \times DW - 3 \times OL + 2 \times 65$.
 The system needs extra 65mm clearance for the pulley plates.**

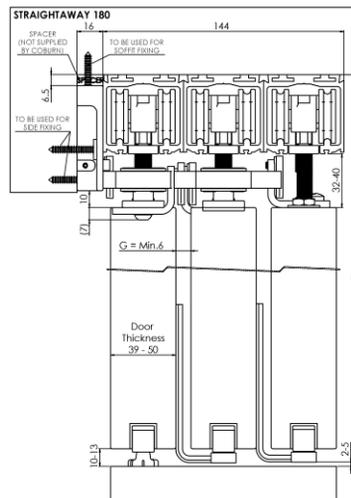
**$OW = 3 \times (DW - OL)$
 $DW = (3 \times OL + OW) / 3$**



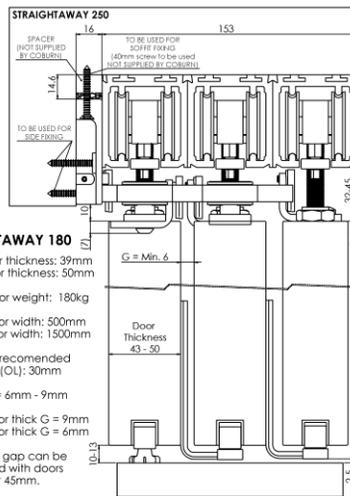
STRAIGHTAWAY 100
 Minimum door thickness: 30mm
 Maximum door thickness: 50mm
 Maximum door weight: 100kg
 Minimum door width: 500mm
 Maximum door width: 1500mm
 Minimum recommended Overlap(OL): 30mm
 Minimum recommended gap (G) is 6mm
 Minimum gap can be achieved with all door widths, in accordance with the gap between the tracks



STRAIGHTAWAY 130
 Minimum door thickness: 30mm
 Maximum door thickness: 50mm
 Maximum door weight: 130kg
 Minimum door width: 500mm
 Maximum door width: 1500mm
 Minimum recommended Overlap(OL): 30mm
 Minimum recommended gap (G) is 6mm
 For 30mm door thick G = 8mm
 For 32mm door thick G = 6mm
 Minimum gap can be achieved with doors over 32mm.
 For doors over 32mm a gap must be left between the tracks in accordance with the required gap(G) between doors

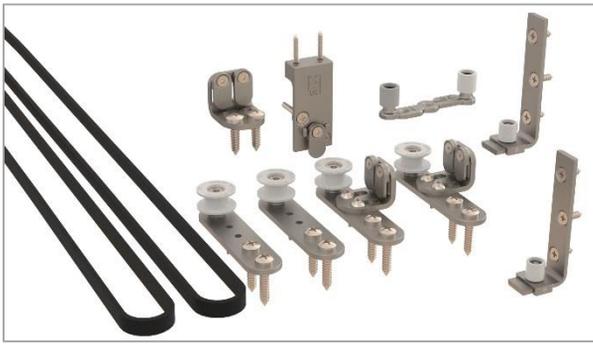


STRAIGHTAWAY 180
 Minimum door thickness: 39mm
 Maximum door thickness: 50mm
 Maximum door weight: 180kg
 Minimum door width: 500mm
 Maximum door width: 1500mm
 Minimum recommended Overlap(OL): 30mm
 Gap(G) = 6mm - 9mm
 For 39mm door thick G = 9mm
 For 45mm door thick G = 6mm
 Minimum gap can be achieved with doors over 45mm.
 For doors over 45mm a gap must be left between the tracks in accordance with the required gap(G) between doors



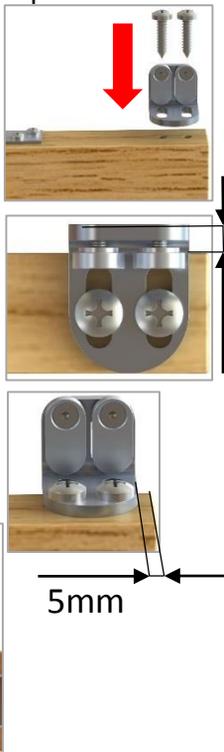
STRAIGHTAWAY 250
 Minimum door thickness: 43mm
 Maximum door thickness: 50mm
 Maximum door weight: 250kg
 Minimum door width: 500mm
 Maximum door width: 1500mm
 Minimum recommended Overlap(OL): 30mm
 Gap(G) = 6mm - 8mm
 For 43mm door thick G = 8mm
 For 47mm door thick G = 6mm
 Minimum gap can be achieved with doors over 47mm
 For doors over 47mm a gap must be left between the tracks in accordance with the required gap(G) between doors

ACCESSORIES



97792 – TELESCOPIC – 3 LEAF, COMPLETE KIT

Step 1 Lead door preparation



NOTE: Please follow the corresponding Straightaway system instructions and in addition use the drawings on page 1 for recommended door and track gaps

We recommend to drill pilot holes $\varnothing 5.5 \times 30 \text{mm}$ for wood screws 0-9mm depending on system used, door width and gap. Try to adjust the plate as close as possible to the 1st follower door taking in account gap and door width and it must not touch any other components (i.e. plate with pulley)



Router a channel 16mmx16mm on the bottom in the middle of the door, we recommend to use the 43-2 aluminium channel (A)



Optional: routing can be done leaving maximum 5mm from the edge of the door so that in opened position the routing cannot be visible (B)

Step 2 1st follower top side door preparation



Centralise plates on top of door and then butt shoulders to the edge of door and fix the plates with screws. We recommend to drill pilot holes $\varnothing 5 \times 30 \text{mm}$



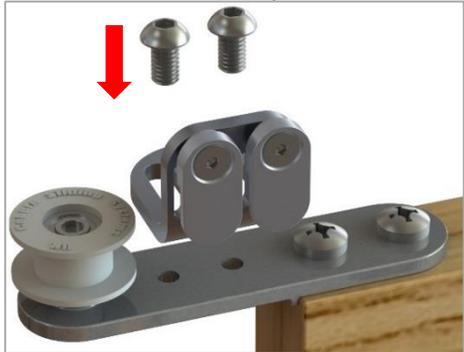
Place the belt retainer over plate with pulley and secure with screws supplied.

Step 3

2nd follower top side door preparation



Centralise plates on top of door and then butt shoulders to the edge of door and fix the plates with screws. We recommend to drill pilot holes $\varnothing 5 \times 30 \text{mm}$

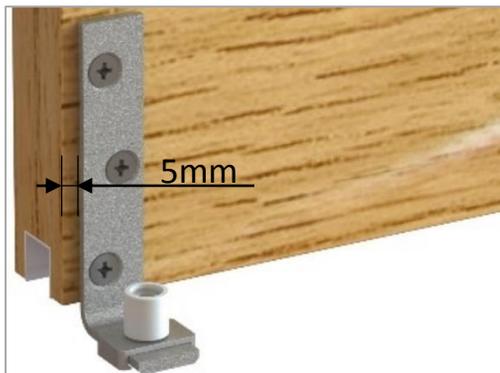


Place the belt retainer over plate with pulley and secure with screws supplied.



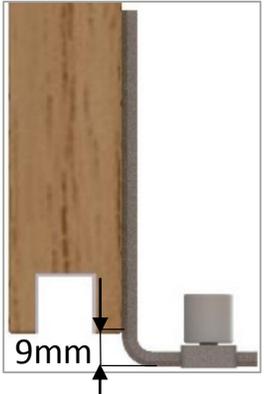
Step 4

Mount bottom door guides on follower doors

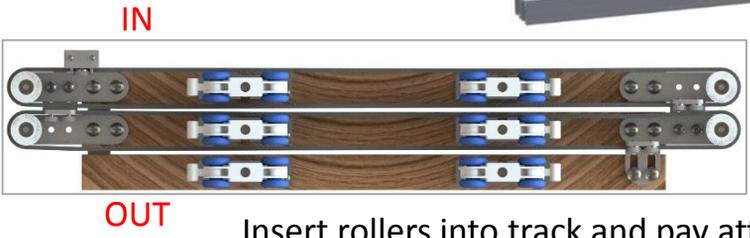


Router a channel 16mmx16mm in the middle of the door, we recommend to use the 43-2 aluminium channel (i.e see page 2, Step 1)

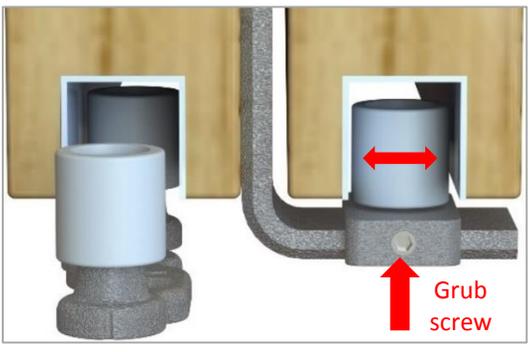
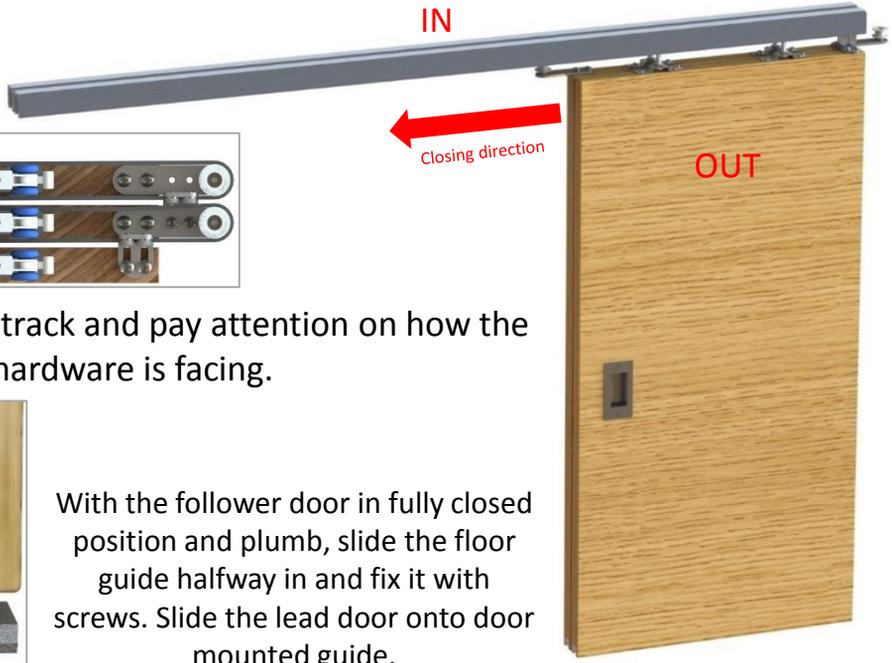
Mount bottom guide on door and secure with screws. For door up to 42mm thick the 3rd screw must be shorter than supplied to ensure that it doesn't obstruct the movement of the guide.



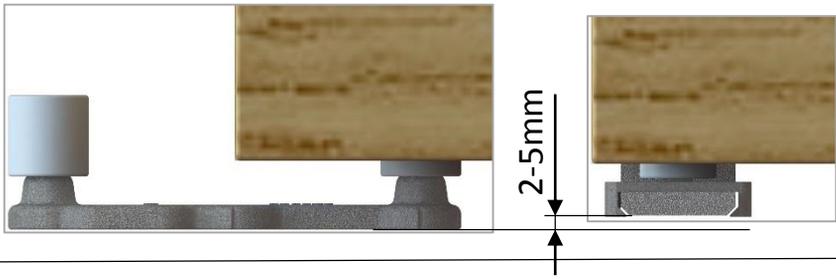
Step 5 Install and level doors



Insert rollers into track and pay attention on how the hardware is facing.



With the follower door in fully closed position and plumb, slide the floor guide halfway in and fix it with screws. Slide the lead door onto door mounted guide.

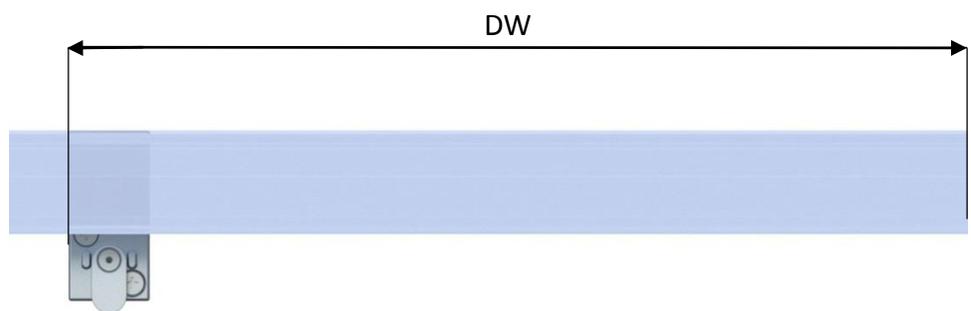
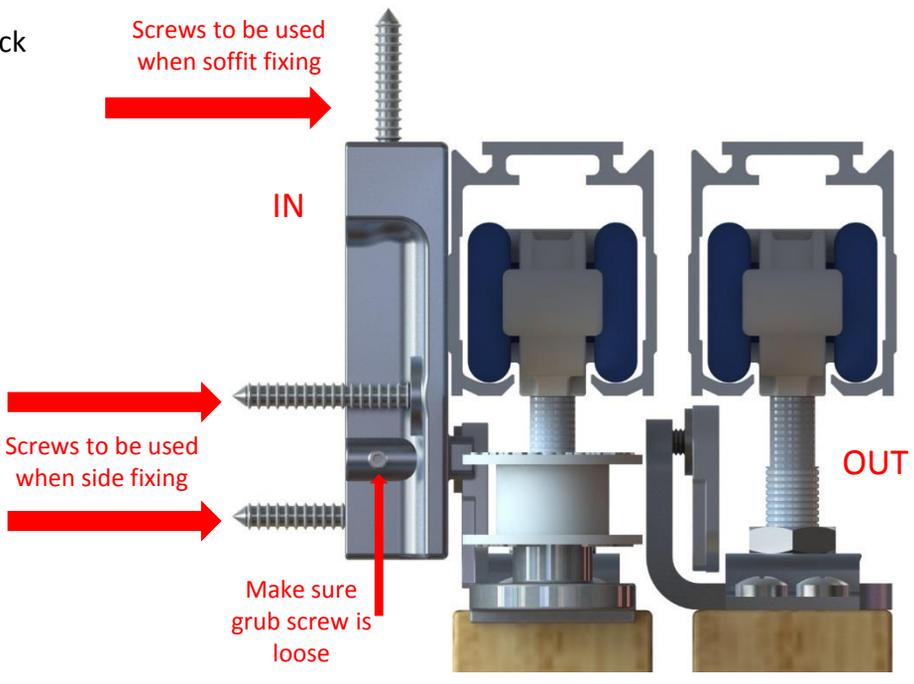


Adjust the guide by unscrewing the grub screw and moving the guide left and right until the door is in a plumb position afterwards secure the position by tightening the back the grub screw

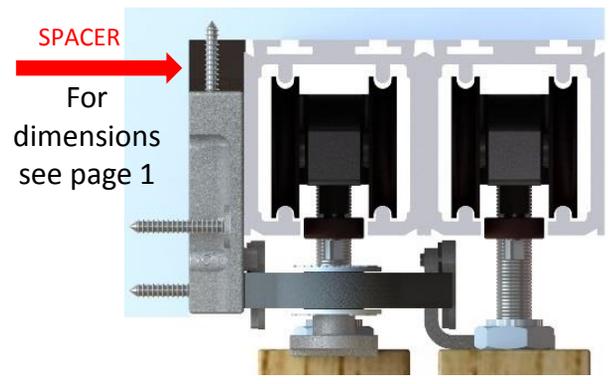
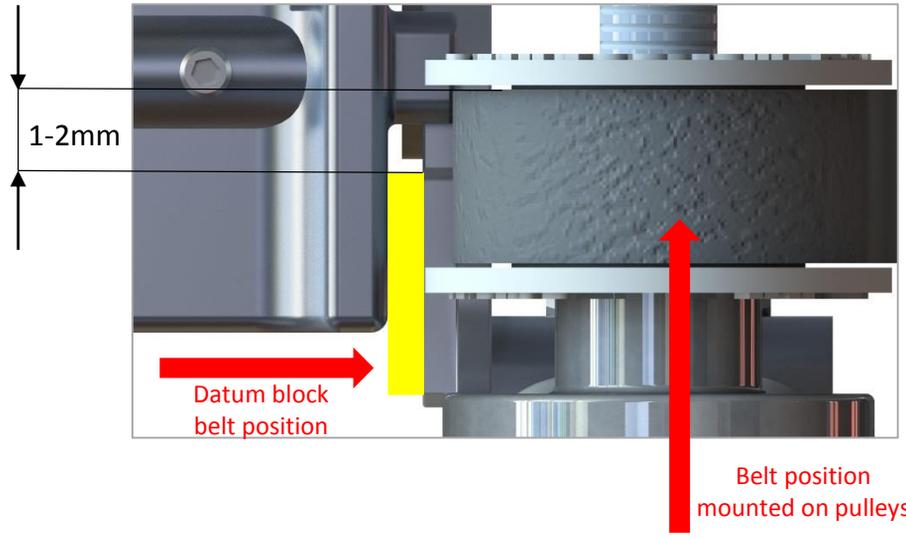
Step 6 Mounting datum block

Datum block can be soft or side fixed

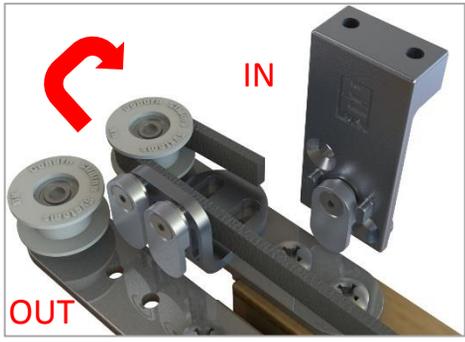
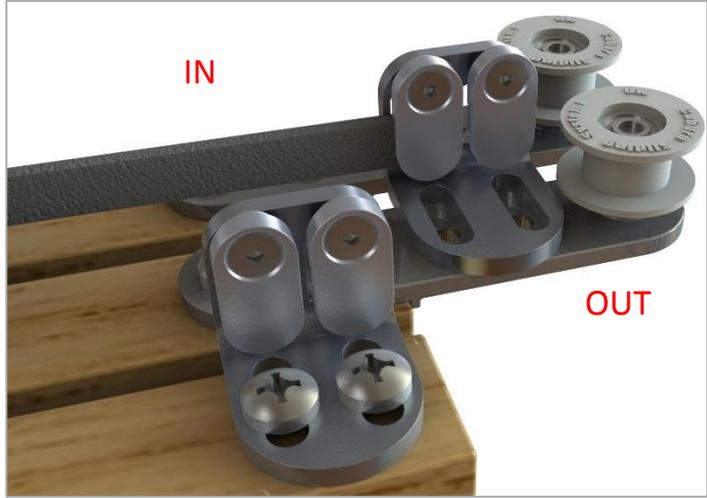
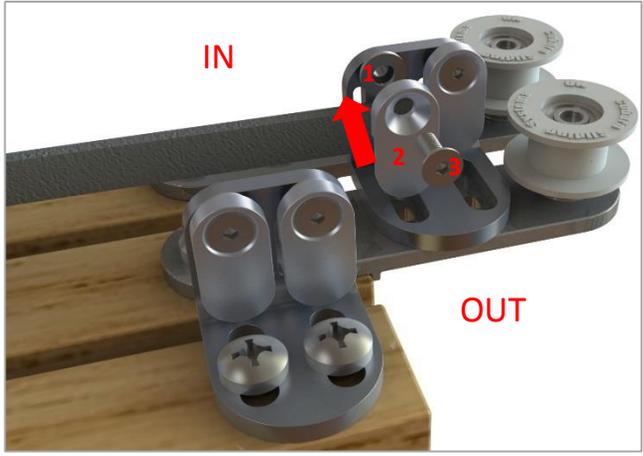
Datum block to be installed at DW distance from the opening edge of the track to the far side of the datum block



The place where the belt will be mounted onto datum block has to be 1-2mm lower than the actual position of the belt when mounted onto pulleys. When soffit fixing and using Straightaway 180 and 250 a spacer (NOT SUPPLIED BY COBURN) must be used.



Step 6 Fixing belt on 2nd follower door



Place the first 3 teeth of one end of the belt in the first three slots of the belt retainer located on the 1st follower door and firmly tighten the plate over it. (It is not necessary to remove the washer (1), plate (2) and the screw (3)).

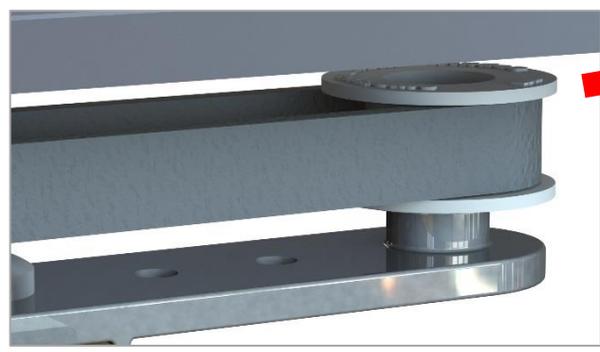
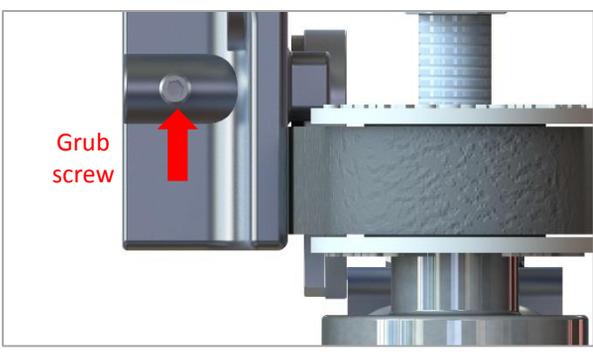
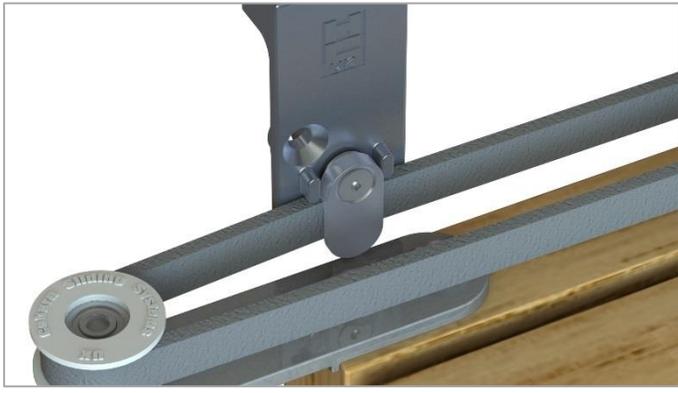
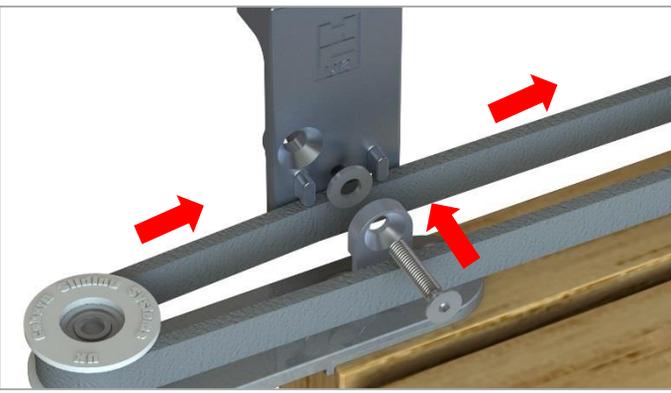
NOTE: Belt teeth MUST be facing the slots.

Place the belt over the pulley facing the opening.

NOTE: Belt teeth MUST be facing the centre of the pulley.



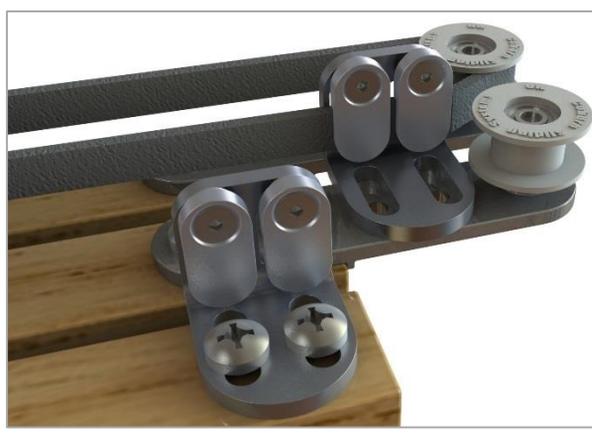
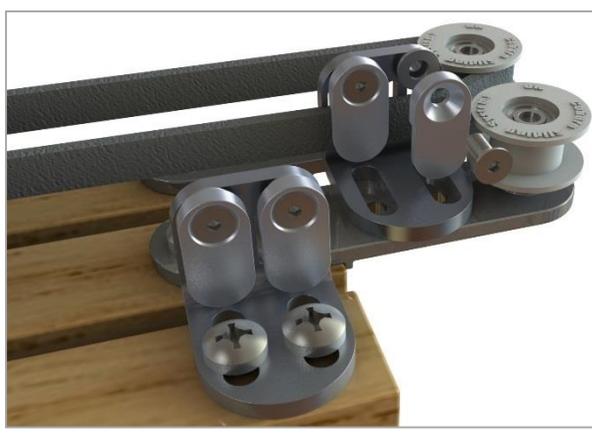
Step 7

 Fixing belt on datum block

NOTE: Belt teeth **MUST** be facing the centre of the pulley.

Hold firmly the door in fully closed or fully opened position, keep the belt in tension and place it in position on the datum block, ensure that the belt's teeth go inside the plate slots and firmly tighten the screw. To secure the screw, tighten the grub screw located on the side of the datum block

Step 8

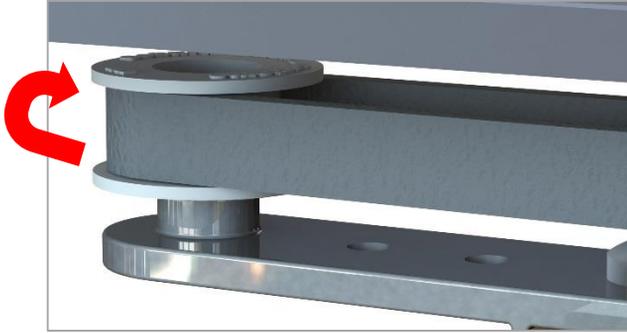
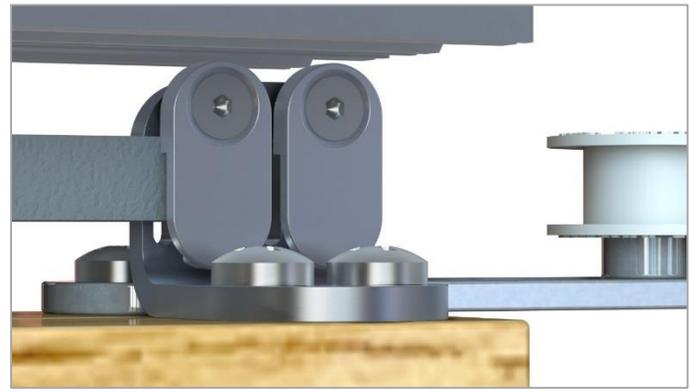
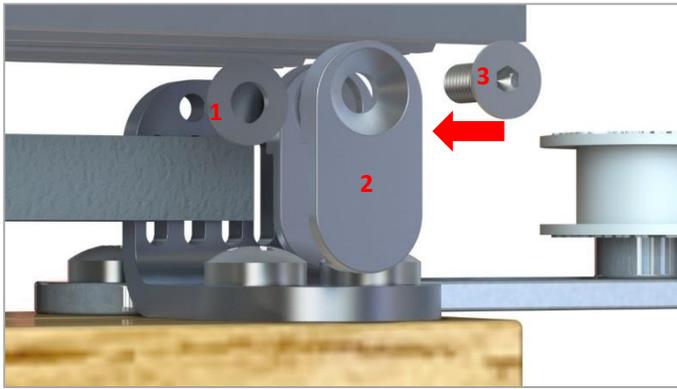
 Fixing belt end on 2nd follower door

In fully closed or fully opened position, keeping the belt in tension cut it to required length considering it has to be fixed with the last three teeth going into the belt retainer slots. (**NOTE:** If not sure about the length cut ONE tooth at a time until belt is in tension and fixed in position). Secure belt position by tightening screw.

Open and close the door and if the belt needs more tensioning, observe on which end it is more loose. Unscrew from belt retainer, cut the belt or adjust the position of the belt in the datum block, secure the belt back in datum block. This step can be done in a partially opened or closed position. (**NOTE:** If not sure cut ONLY one tooth at a time).

NOTE: DO NOT TENSION the belt to the maximum and cut it in a partially open or closed position., do trial runs first.

Step 9 Fixing belt on 1st follower door



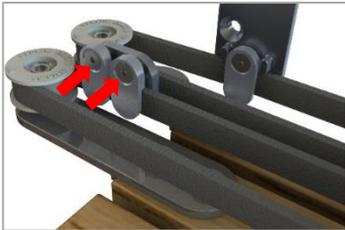
Place the first 3 teeth of one end of the belt in the first three slots of the belt retainer and firmly tighten the plate over it. (It is not necessary to remove the washer(1), plate (2) and the screw(3)).

NOTE: Belt teeth **MUST** be facing the slots.

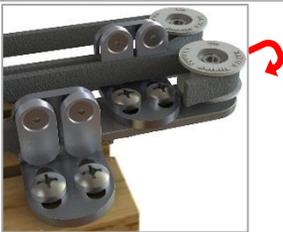
Place the belt over the pulley facing the opening.

NOTE: Belt teeth **MUST** be facing the centre of the pulley.

Step 10 Fixing belt end on 1st follower door



Hold the door firmly in fully closed or fully opened position. Keep the belt in tension and place it in position on the belt retainer located on the 2nd follower door. On the pulley plate, ensure that the belt's teeth go inside the plate slots and firmly tighten the screws. Go with the belt round the pulley located on the other edge of the door.



In fully closed or fully opened position, keeping the belt in tension cut it to required length considering it has to be fixed with the last three teeth going into the belt retainer slots. (**NOTE:** If not sure about the length cut **ONE** tooth at a time until belt is in tension and fixed in position). Secure belt position by tightening screw.



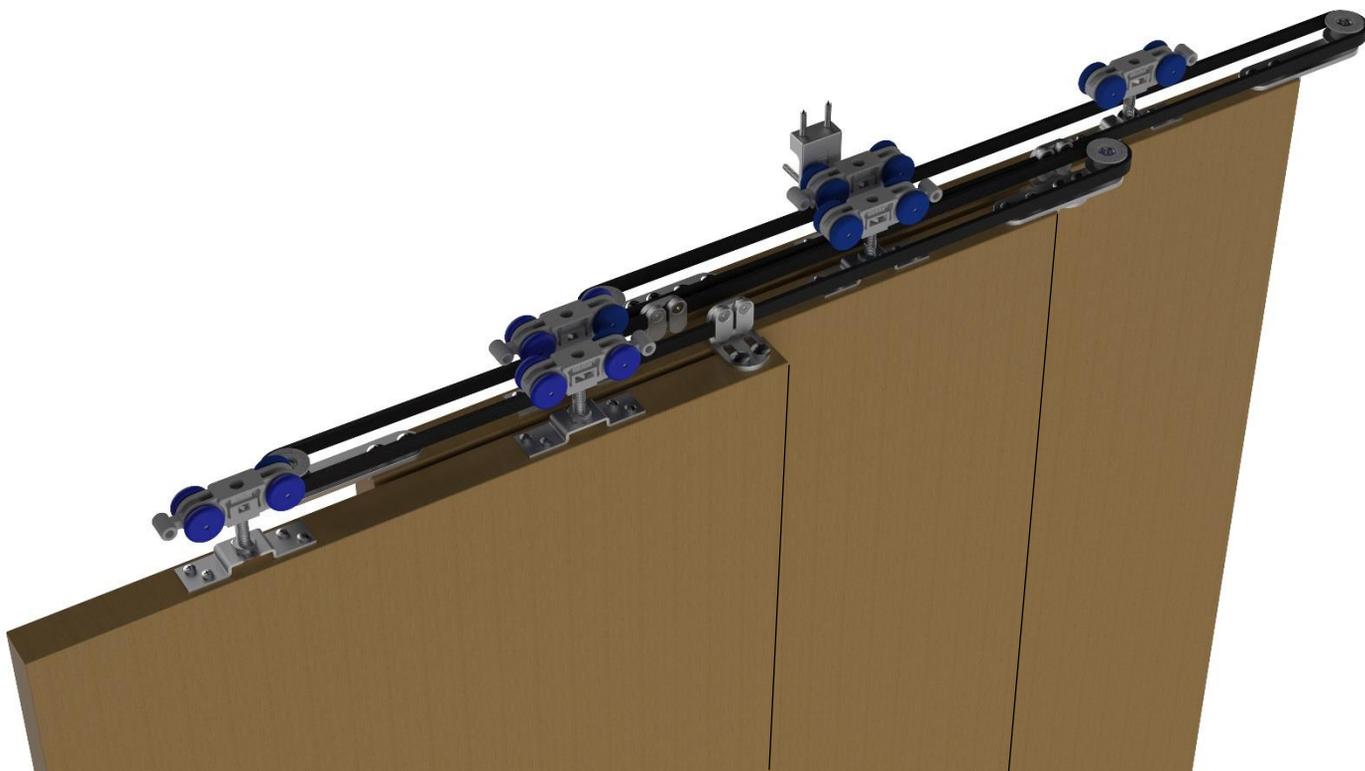
Open and close the door and if the belt needs more tensioning, observe on which end it is more loose unscrew from belt retainer, cut the belt or adjust the position of the belt in the datum block secure the belt back in datum block, this step can be done in a partially opened or closed position. (**NOTE:** If not sure cut **ONLY** one tooth at a time).

NOTE: **DO NOT** TENSION the belt to the maximum and cut it in a partially open or closed position., do trial runs first.



Straightaway Telescopic 3 Leaf

Fitting instructions



Coburn Sliding Systems Limited

Unit 1, Cardinal West, Cardinal Way,

Godmanchester, PE29 2XN, United Kingdom

Phone: +44 (0)20 8545 6680

Fax: +44 (0)20 8545 6720

E-mail: sales@coburn.co.uk

www.coburn.co.uk