

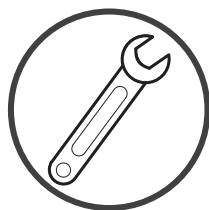


**SYSTEM X45**

**ASSEMBLY MANUAL**

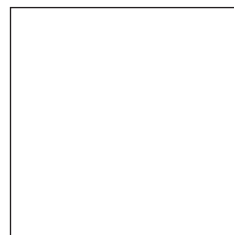
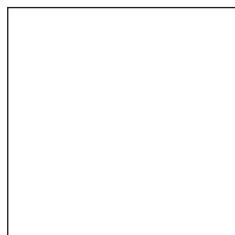
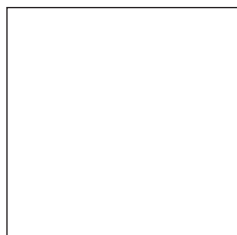
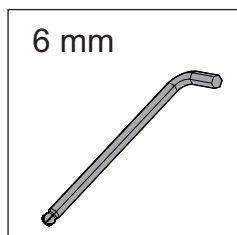
1	Support module X45	3
1.1	Support module for single conveyor module	3
1.2	Support module for wheel bends	6
1.3	Support module - Multi lane	9
2	Chain installation	13
2.1	Beam section for chain installation	13
2.2	Chain installation through idler end unit	16
3	Beam spacers	21
3.1	Beam spacer X45C to X45C	21
3.2	Beam spacer X45C to X45H	23
4	Slide rails, X45C, X45H and X45e	25
4.1	Slide rail for non puck and return side	25
4.2	Slide/guide rail for puck handling	27
5	End drive units	29
5.1	End drive unit, 24V, 40W, Left/Right	29
5.2	End drive unit, 380-440V, 40W, Left/right	31
6	Intermediate drive units	35
6.1	Intermediate drive unit, 24V, 40W, Left/Right	35
6.2	Intermediate drive, 280-440V, 40W, L/R	37
7	Basic units X45C	41
7.1	Basic unit - End drive, Left/Right	41
7.2	Basic unit - Intermediate drive, left/right	43
8	Idler unit	45

8.1	Idler unit X45C	45
9	Plain bends and Vertical bends	47
9.1	Plain bends X45C, $x^\circ$	47
9.2	X45C Vertical bends, $x^\circ$	49
10	Dual end drive no motor	51
10.1	Single end drive $^\circ$	53
11	Slack cover, X45H	55
11.1	Slack cover installation	55
12	End drive units	57
12.1	Direct drive, no slip clutch, Left/Right	57
12.2	Mid drive	59
12.3	Mid drive, Heavy	61
13	End drive unit	63
13.1	Direct drive, no slip clutch, Left/Right	63
14	Mounting motor, Left/Right	65
14.1	Direct drive, no slip clutch	65
15	X45H Wheel bend	69
15.1	Wheel bend	69



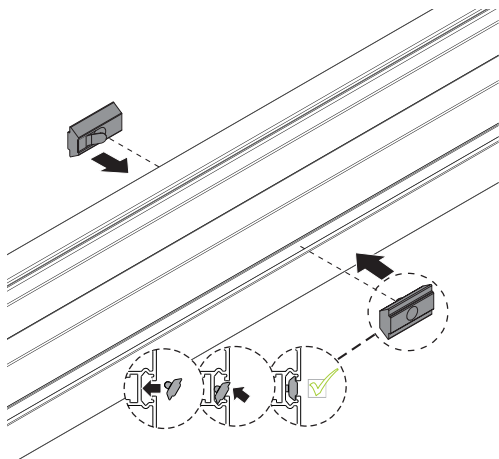
# 1 Support module X45

## 1.1 Support module for single conveyer module

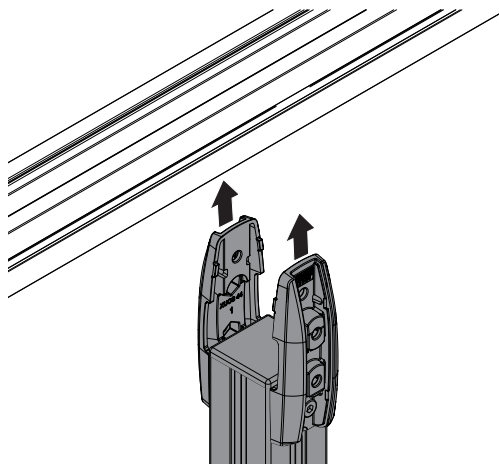




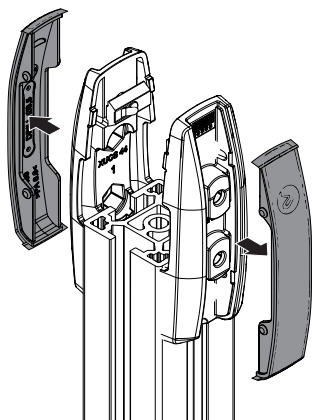
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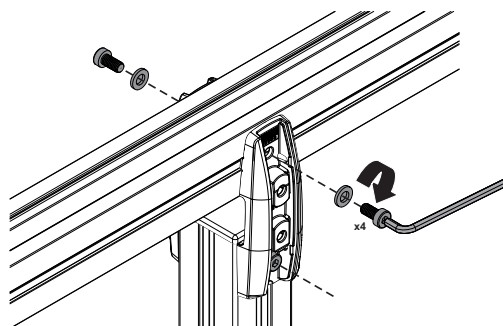
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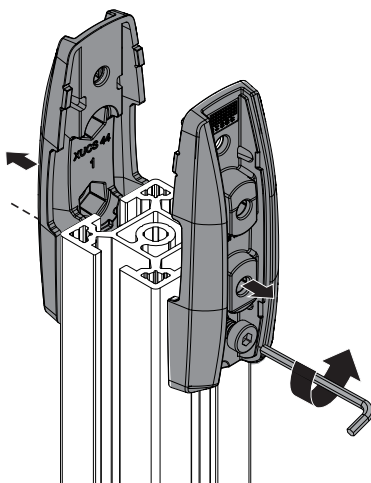
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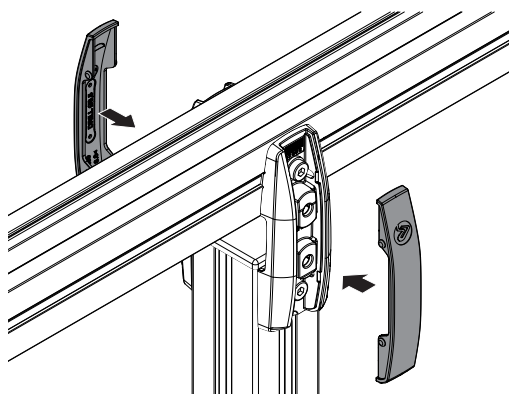
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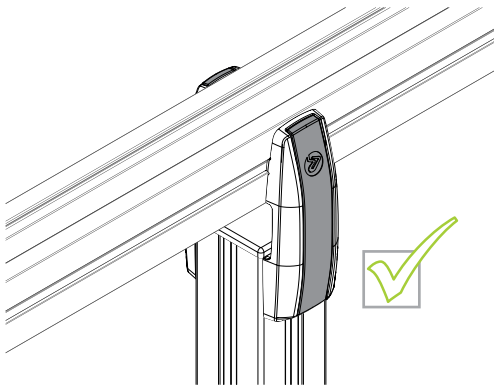
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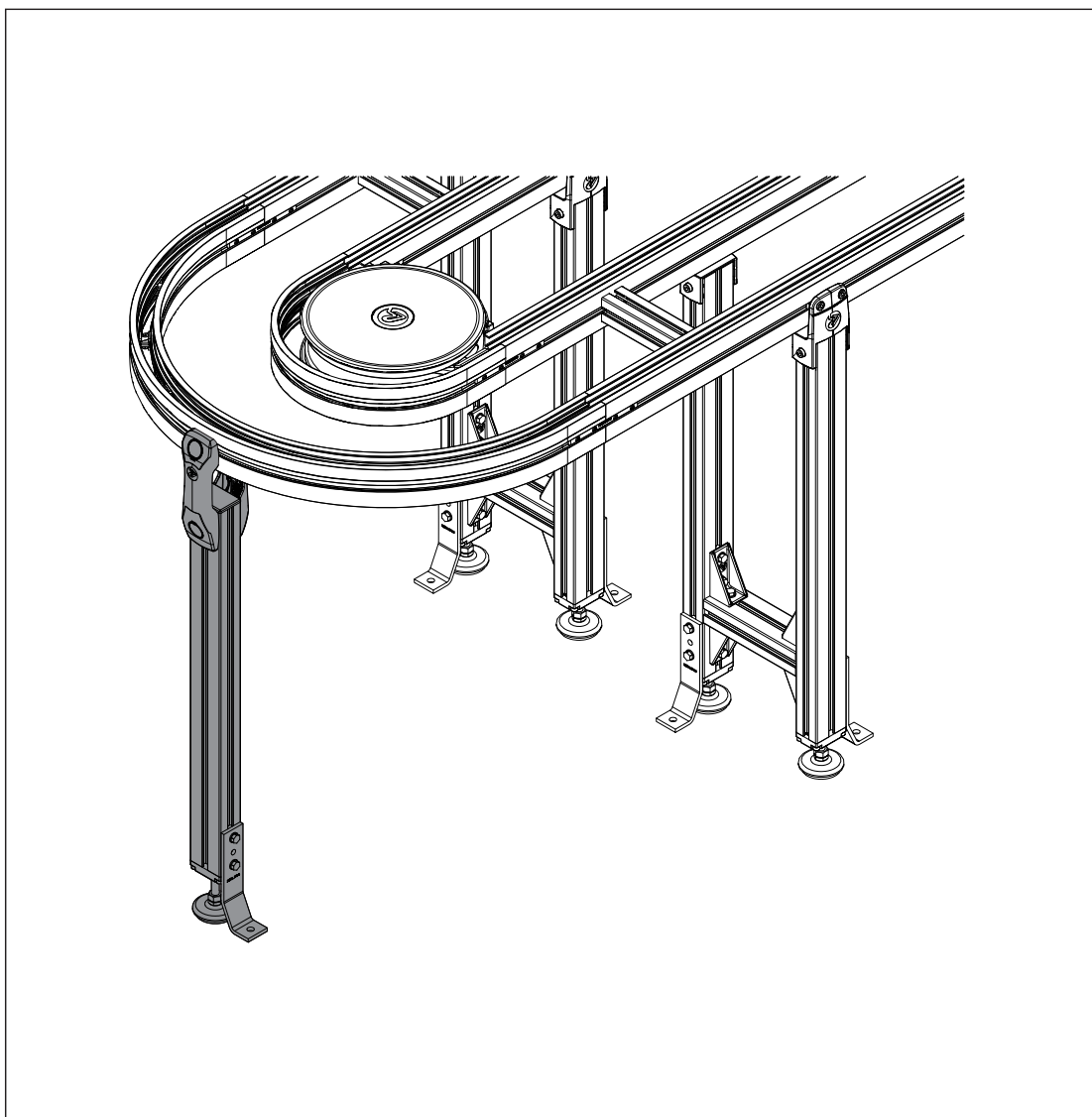
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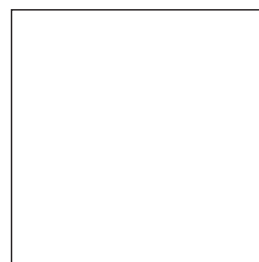
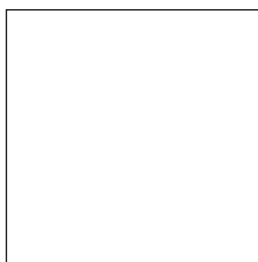
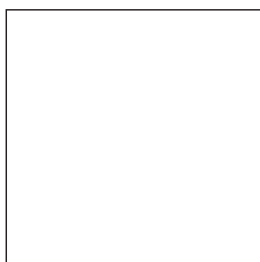
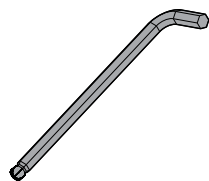
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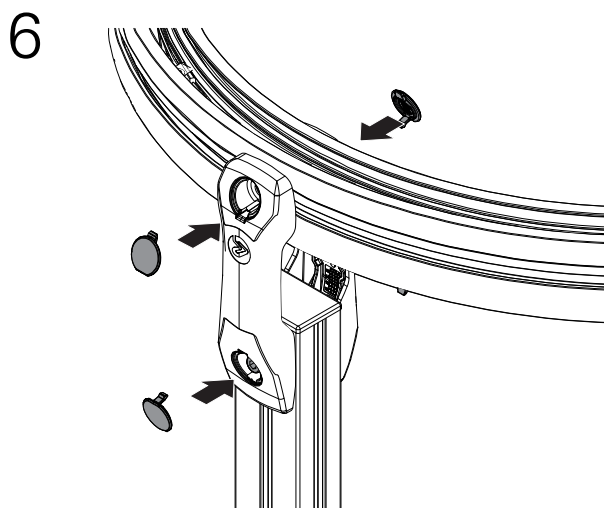
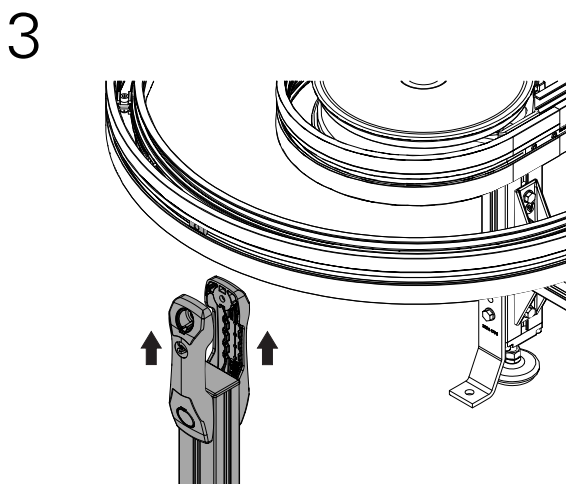
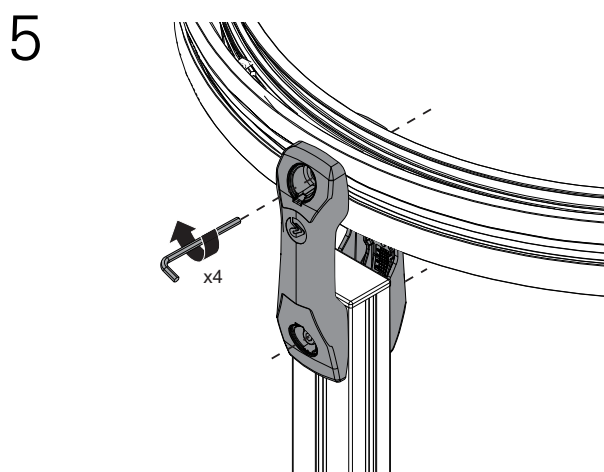
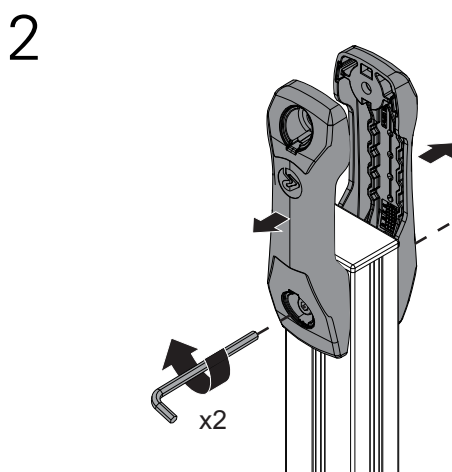
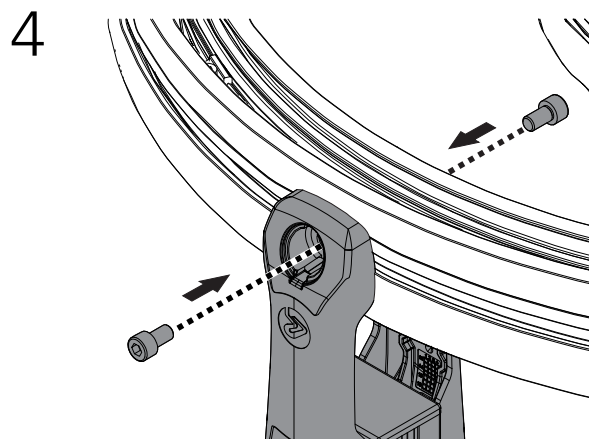
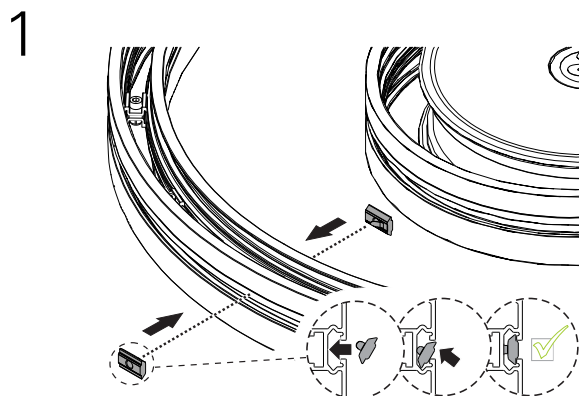


## 1.2 Support module for wheel bends

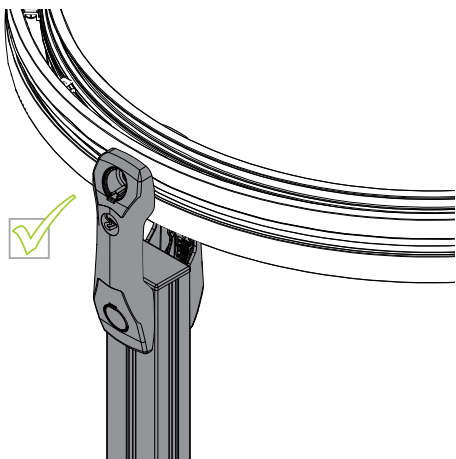


6 mm

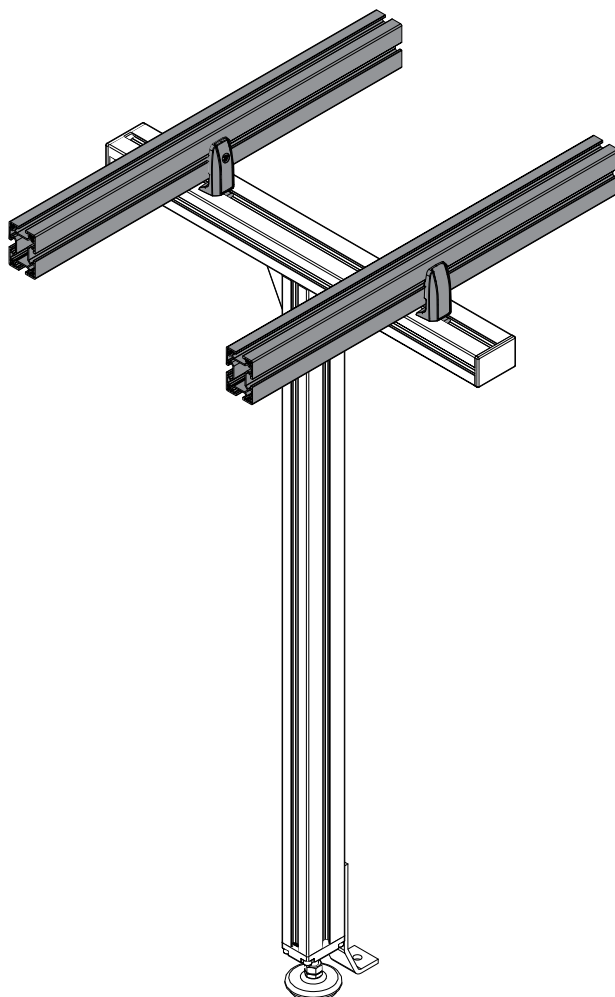




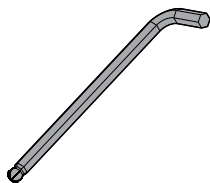
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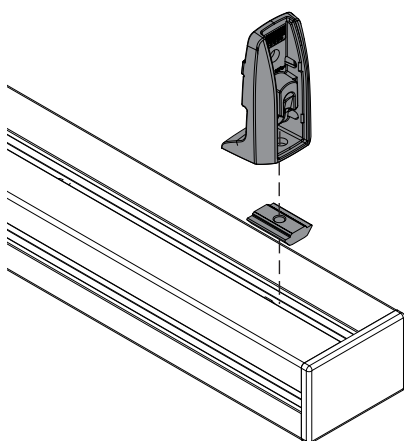
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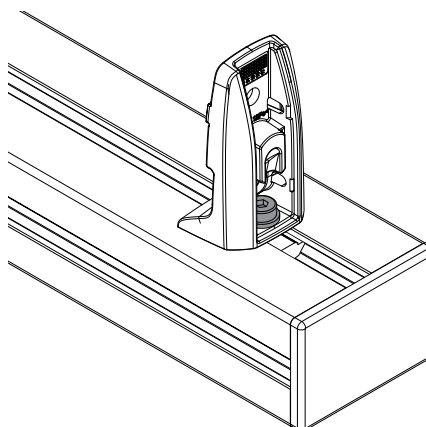
6 mm



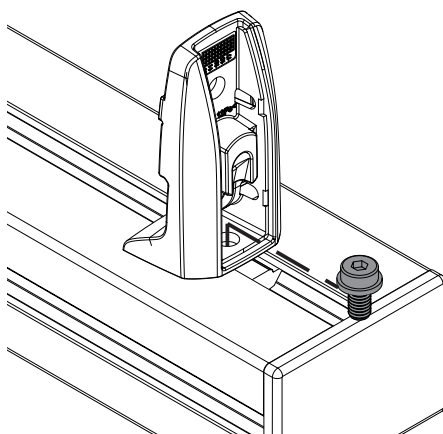
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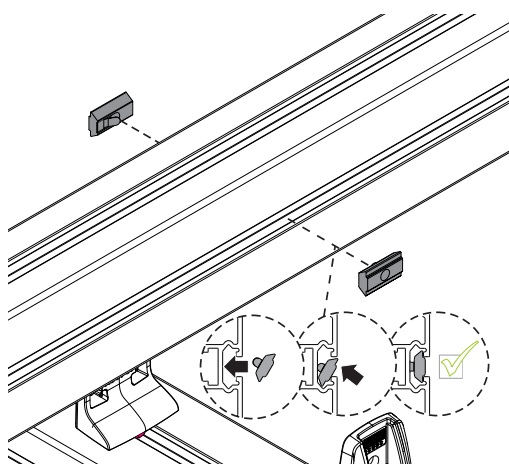
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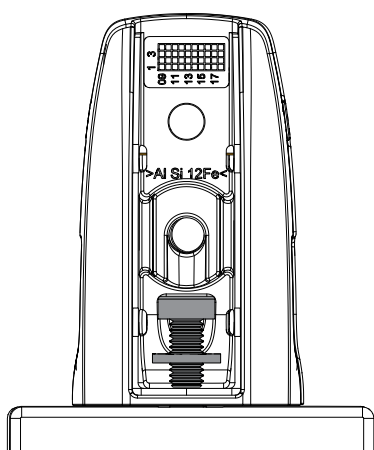
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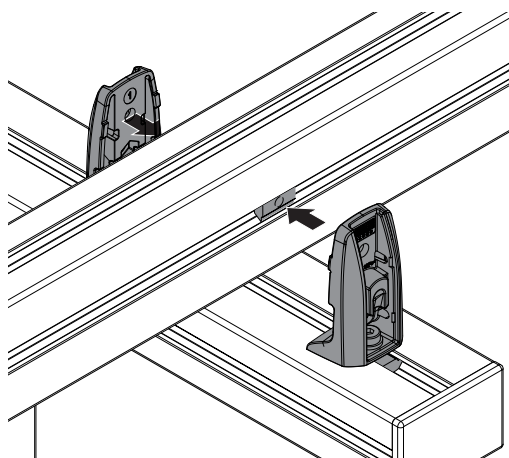
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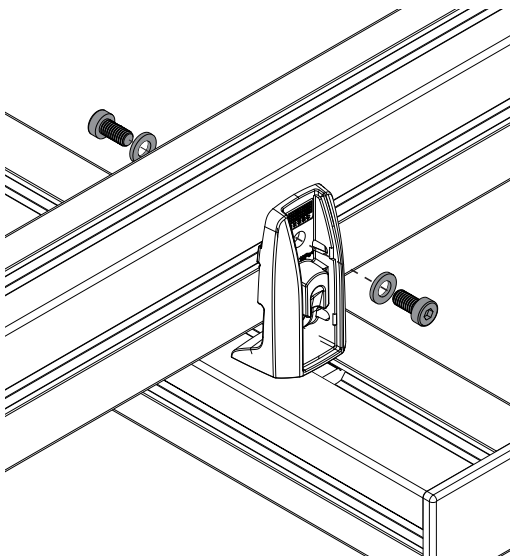
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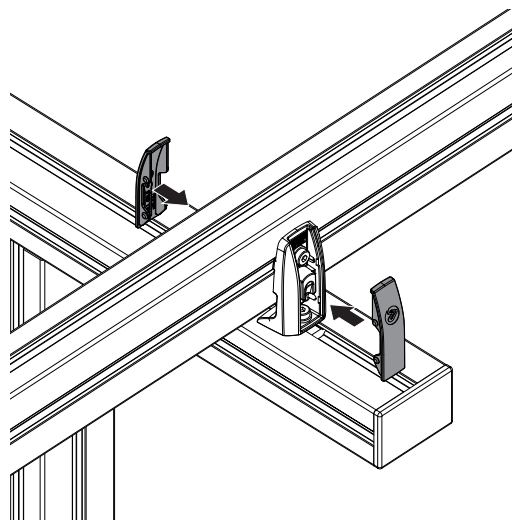
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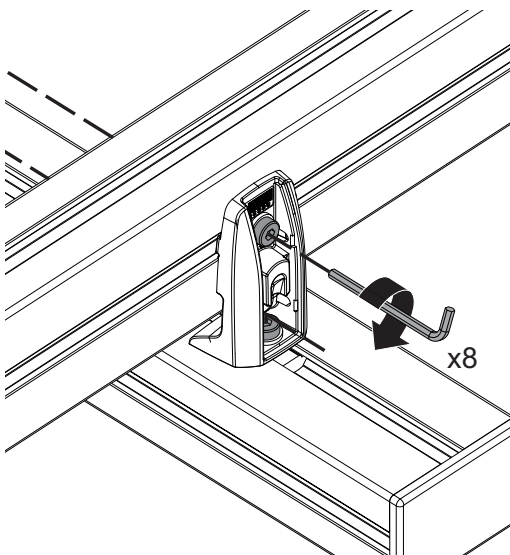
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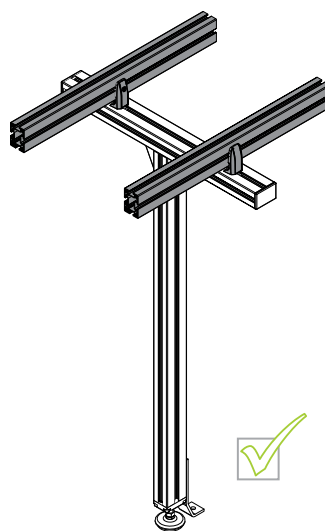
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8



10



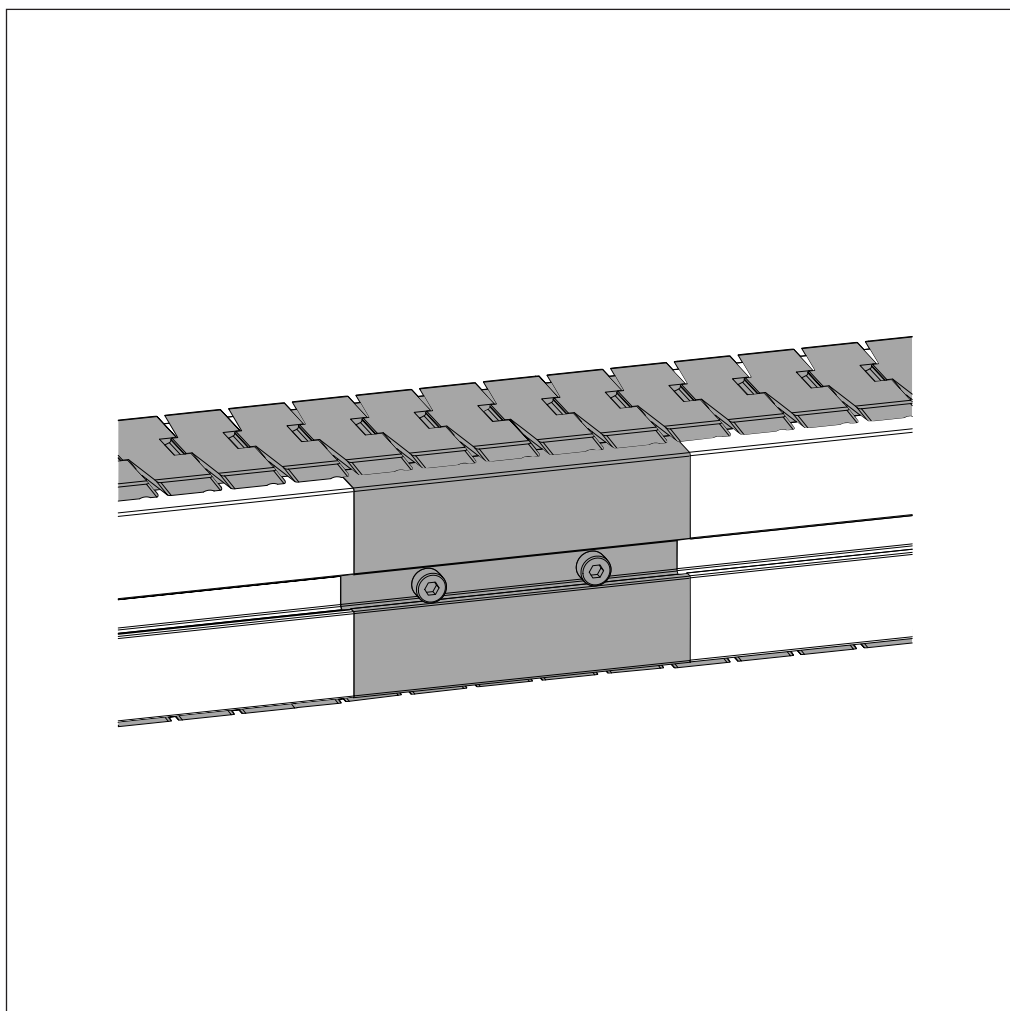






## 2 Chain installation

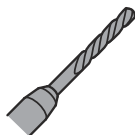
### 2.1 Beam section for chain installation



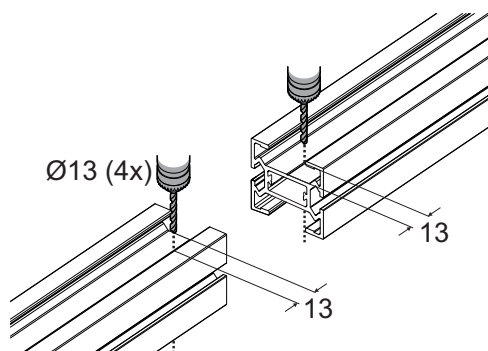
4 mm



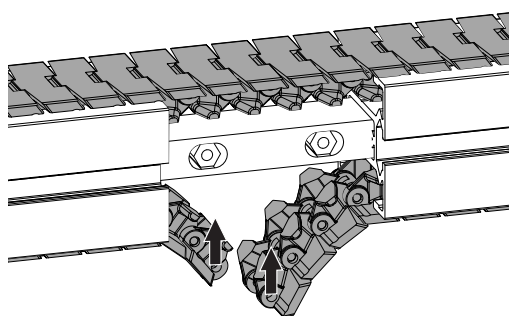
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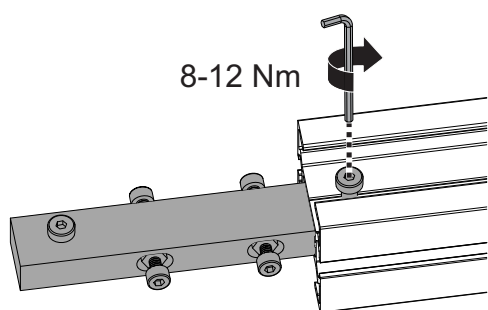
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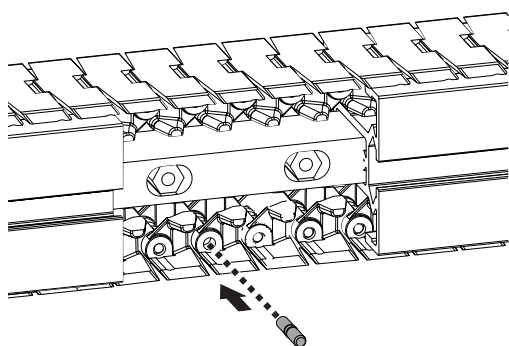
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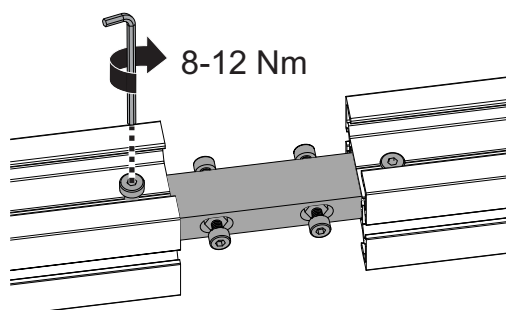
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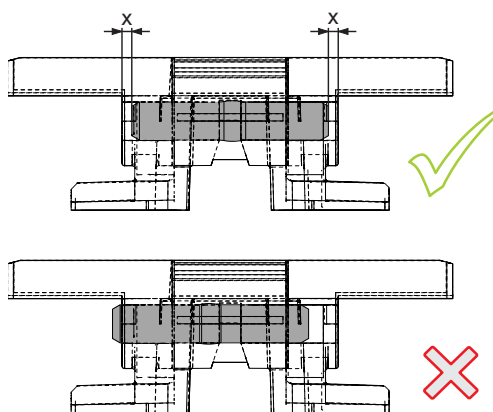
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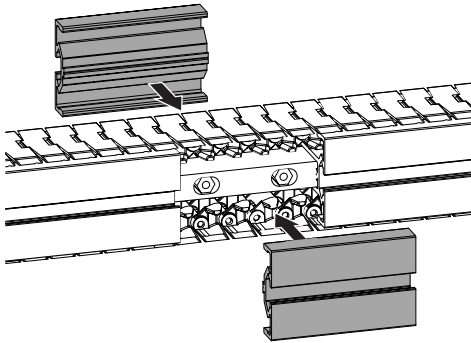
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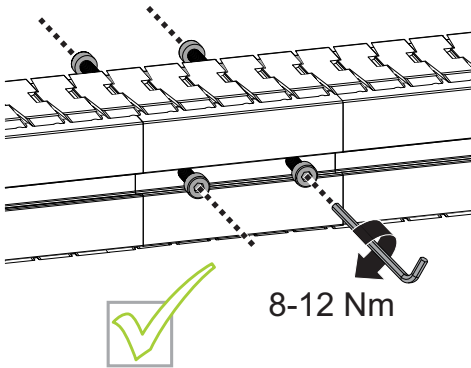
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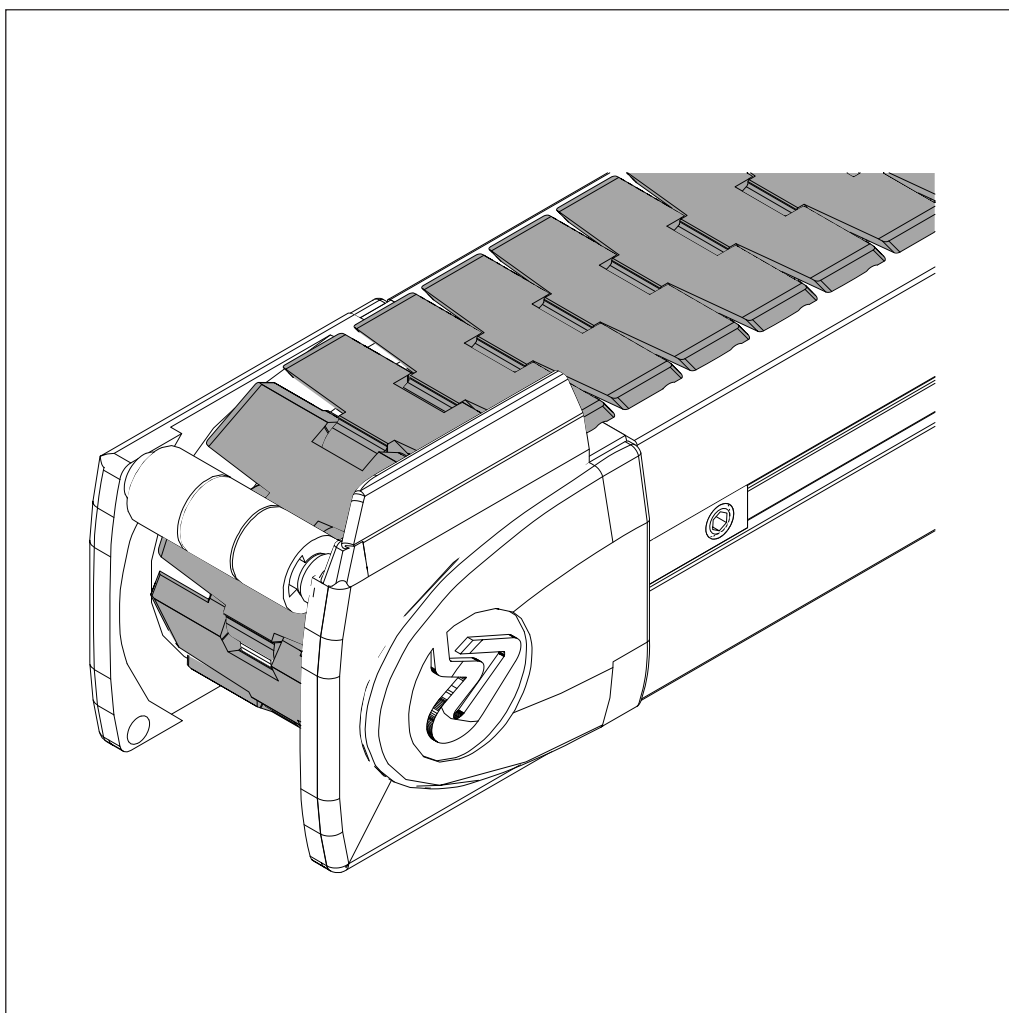
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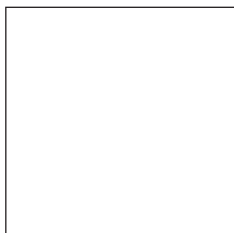
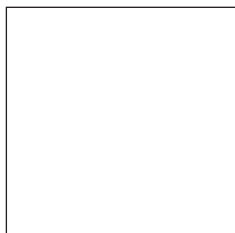
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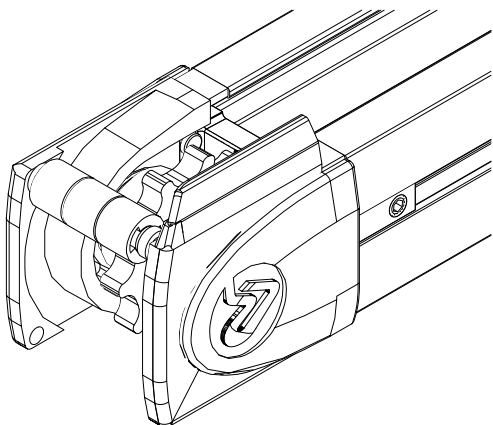
## 2.2 Chain installation through idler end unit



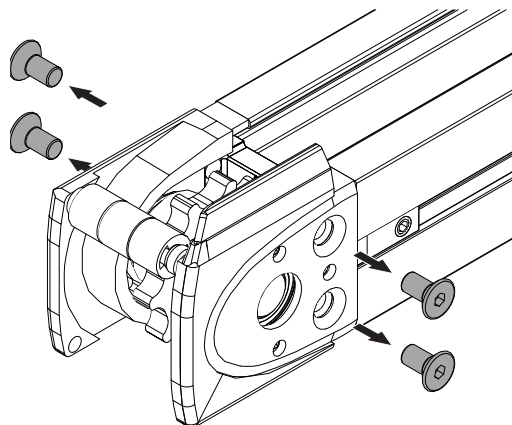
4 mm



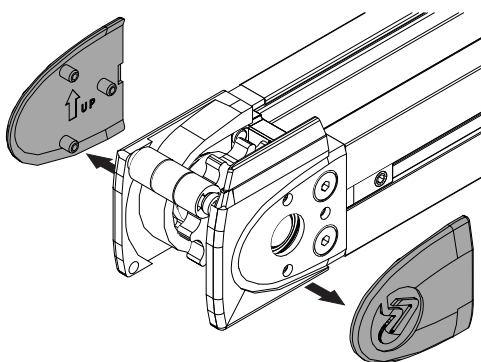
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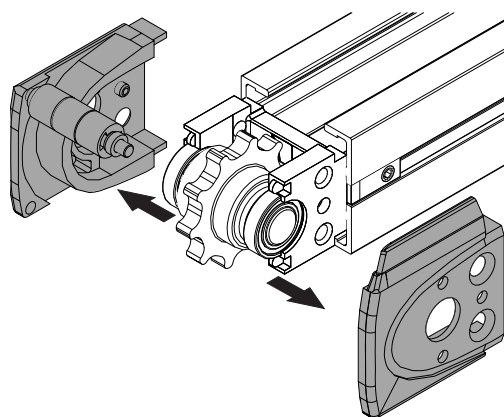
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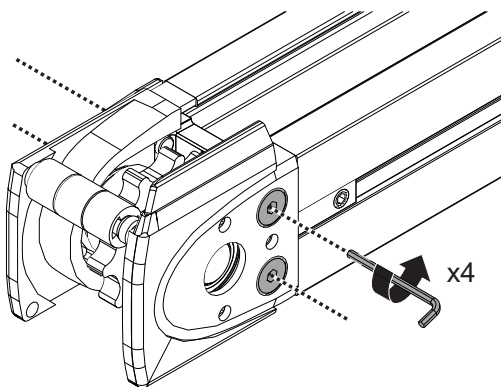
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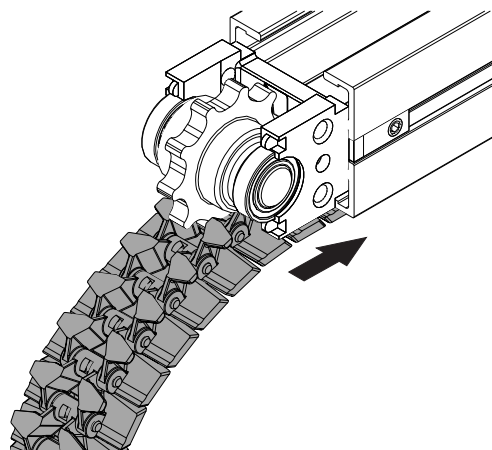
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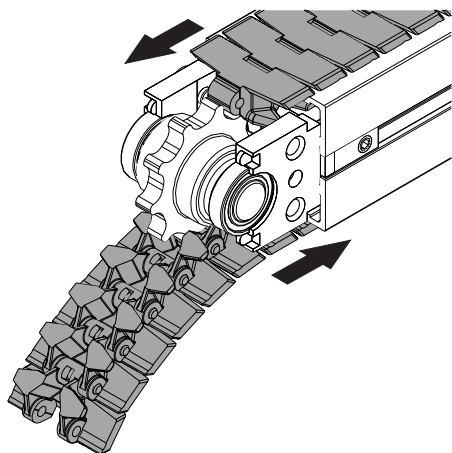
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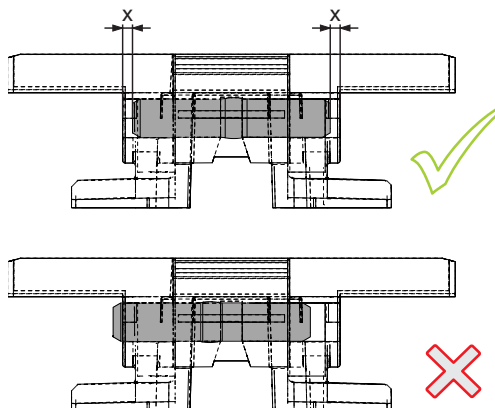
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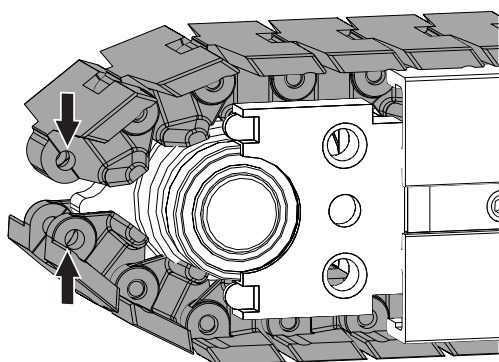
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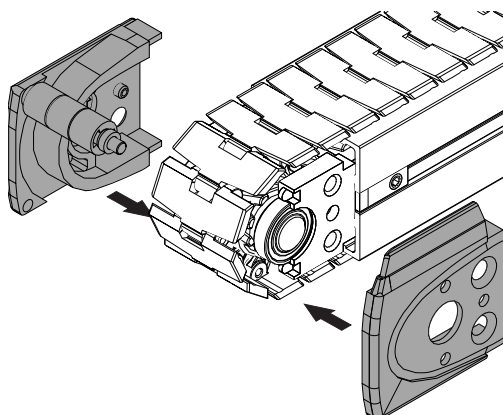
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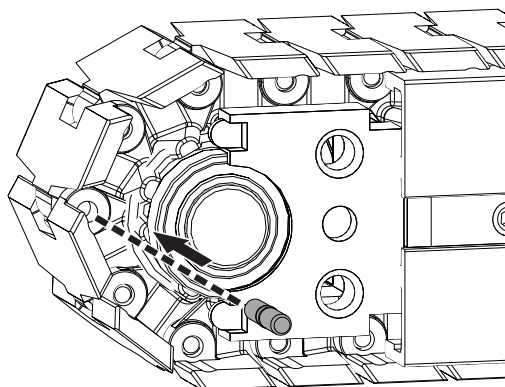
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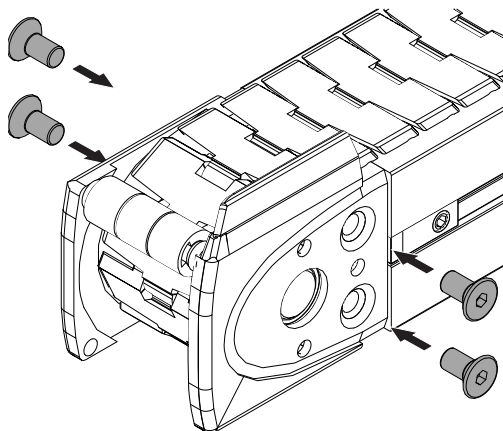
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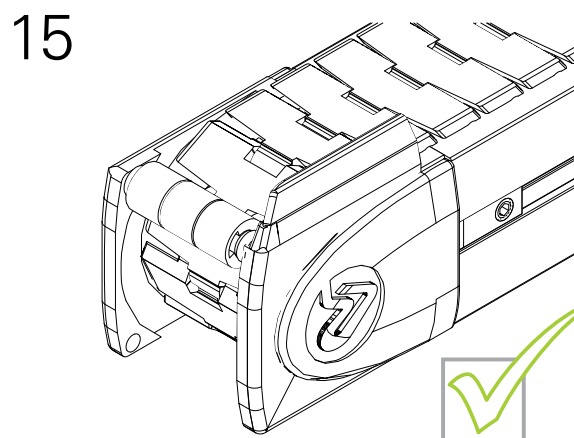
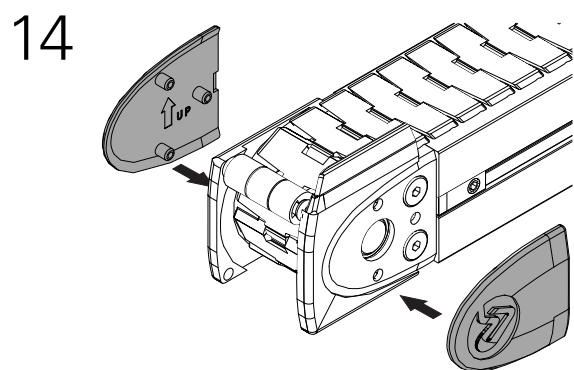
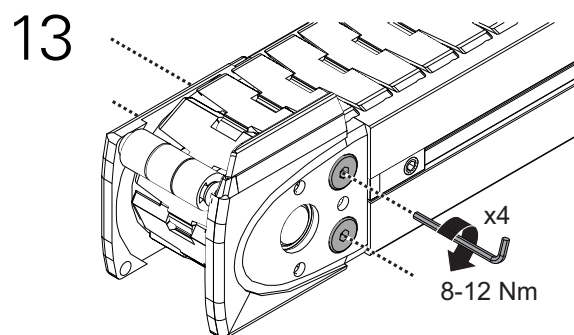


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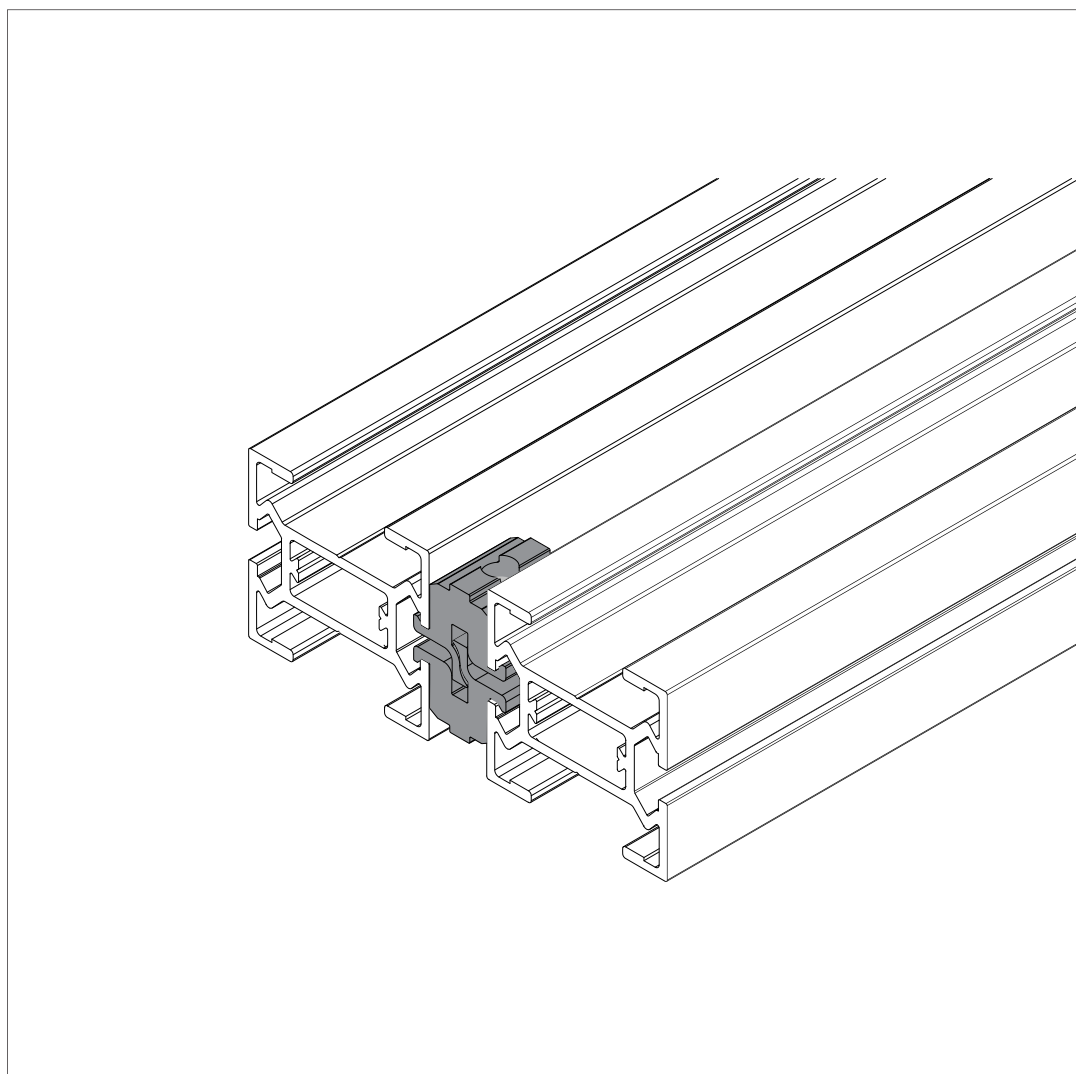




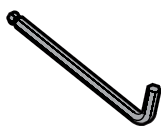


### 3 Beam spacers

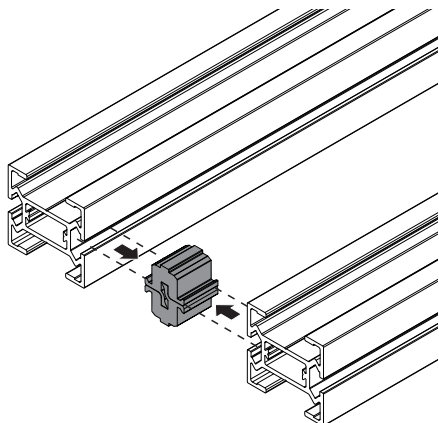
#### 3.1 Beam spacer X45C to X45C



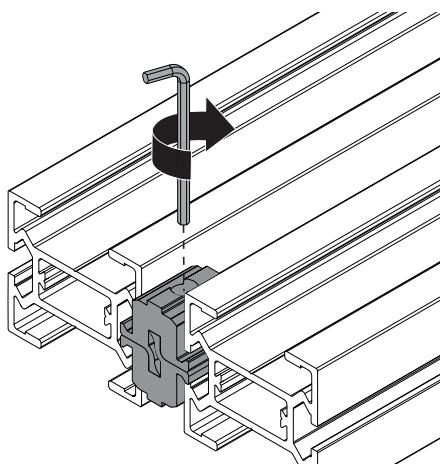
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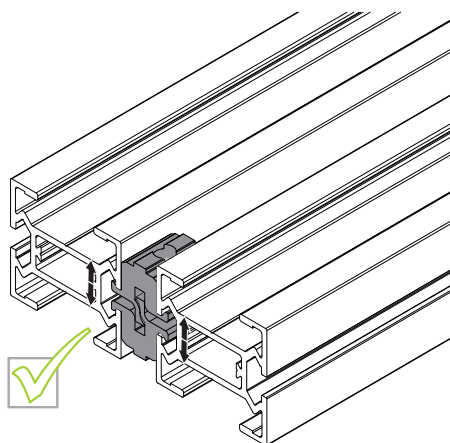
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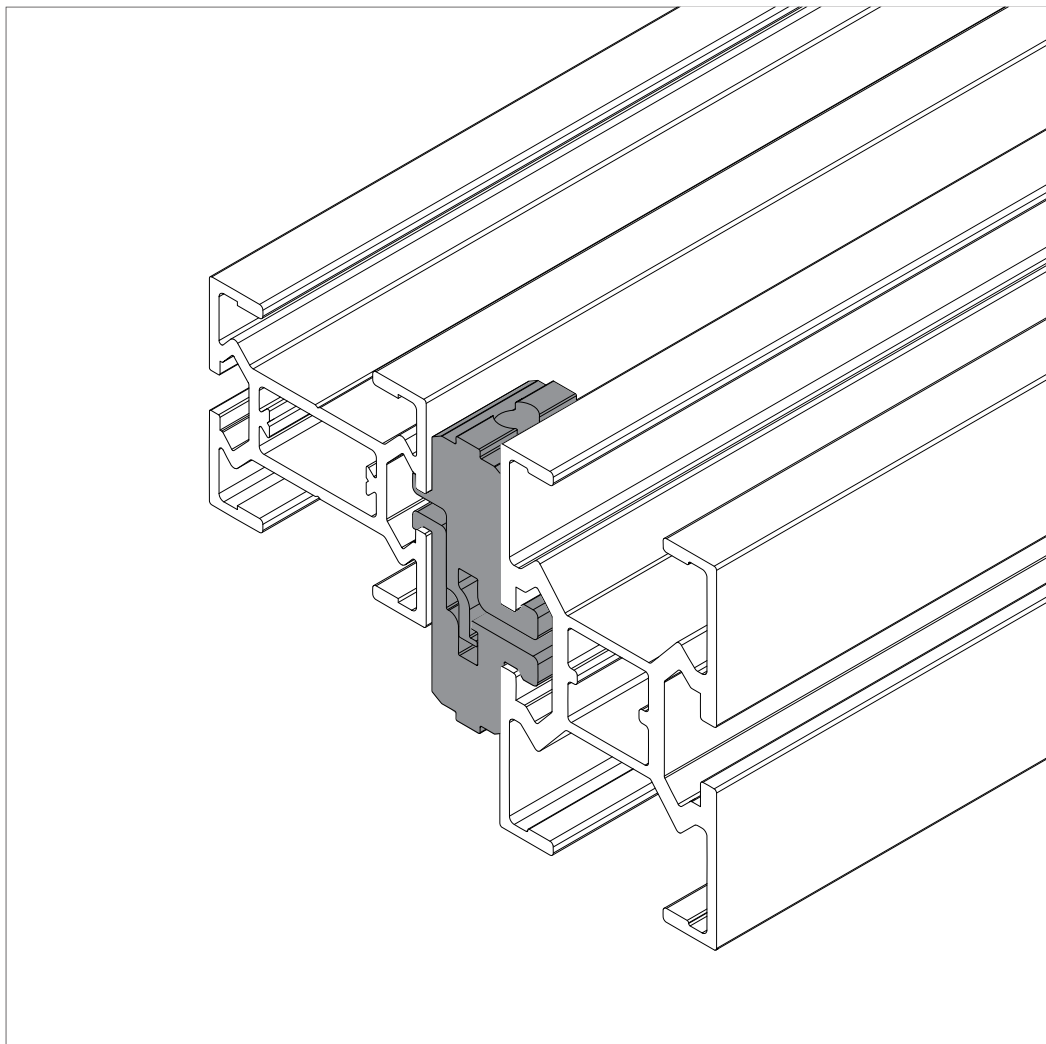
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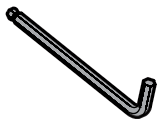
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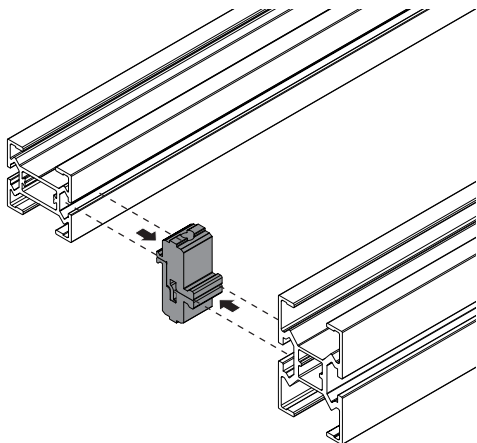
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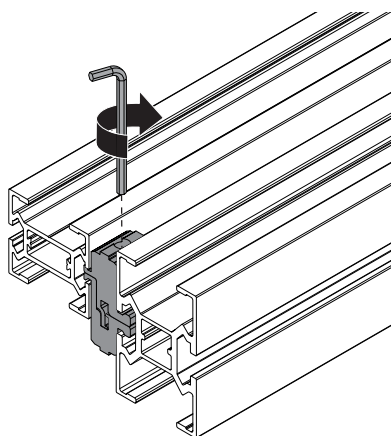
4 mm



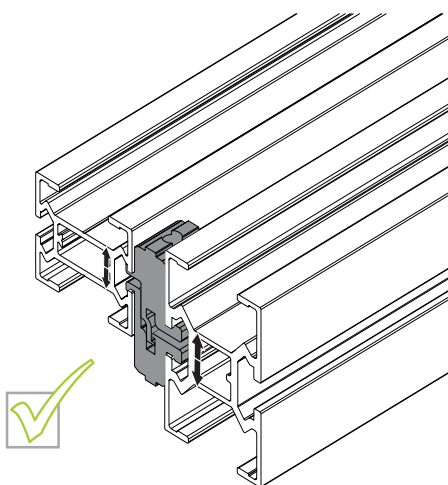
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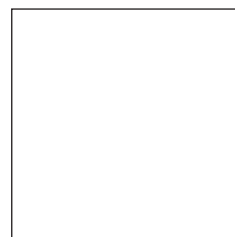
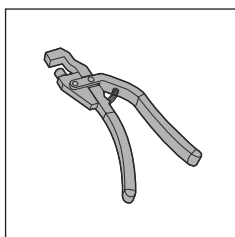
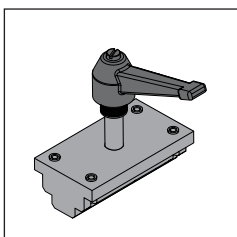
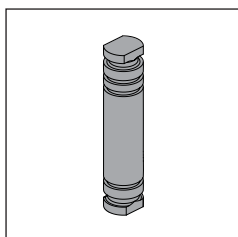
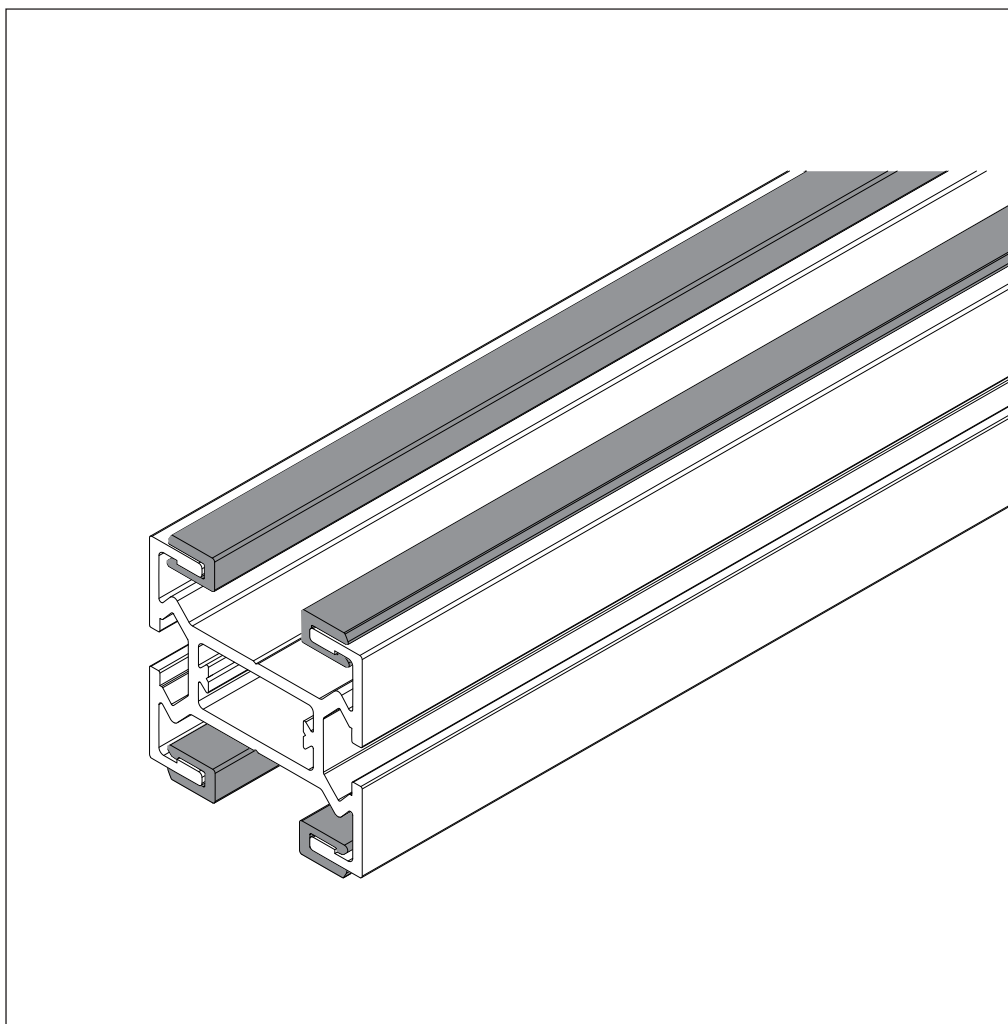
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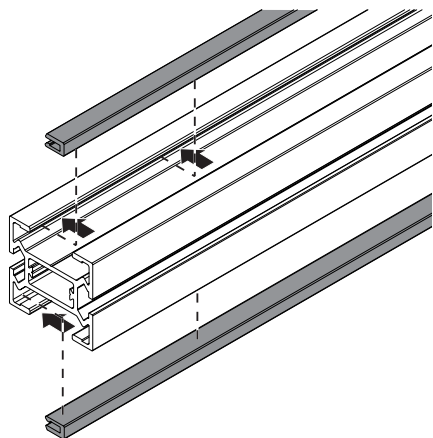


## 4 Slide rails, X45C, X45H and X45e

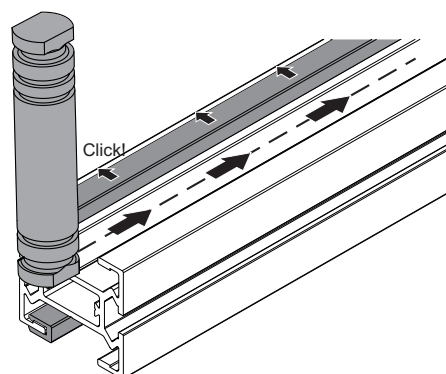
### 4.1 Slide rail for non puck and return side



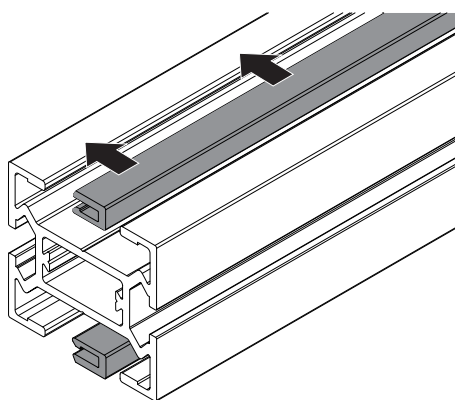
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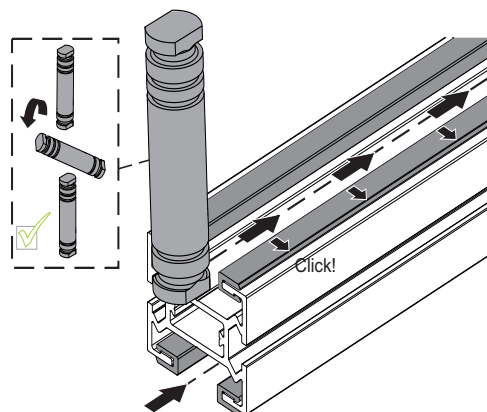
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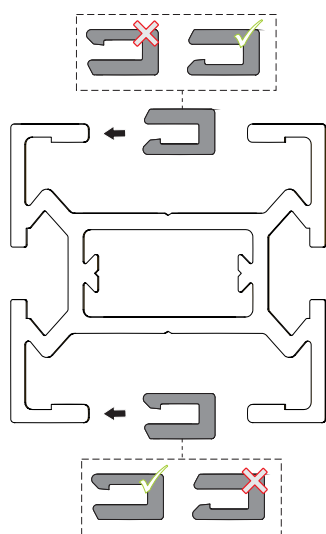
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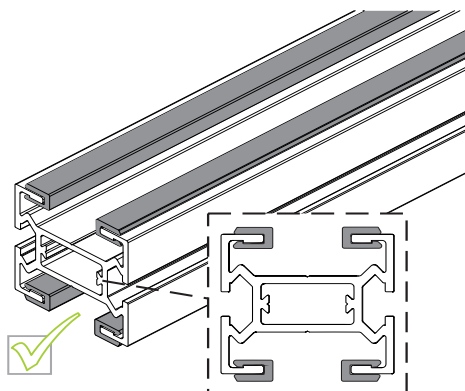
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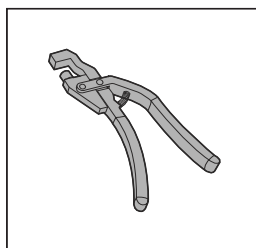
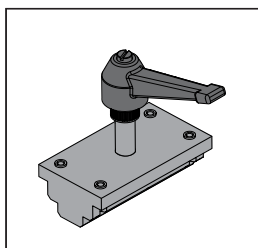
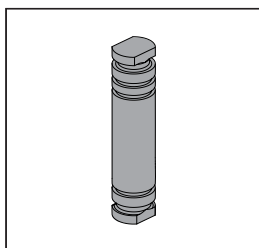
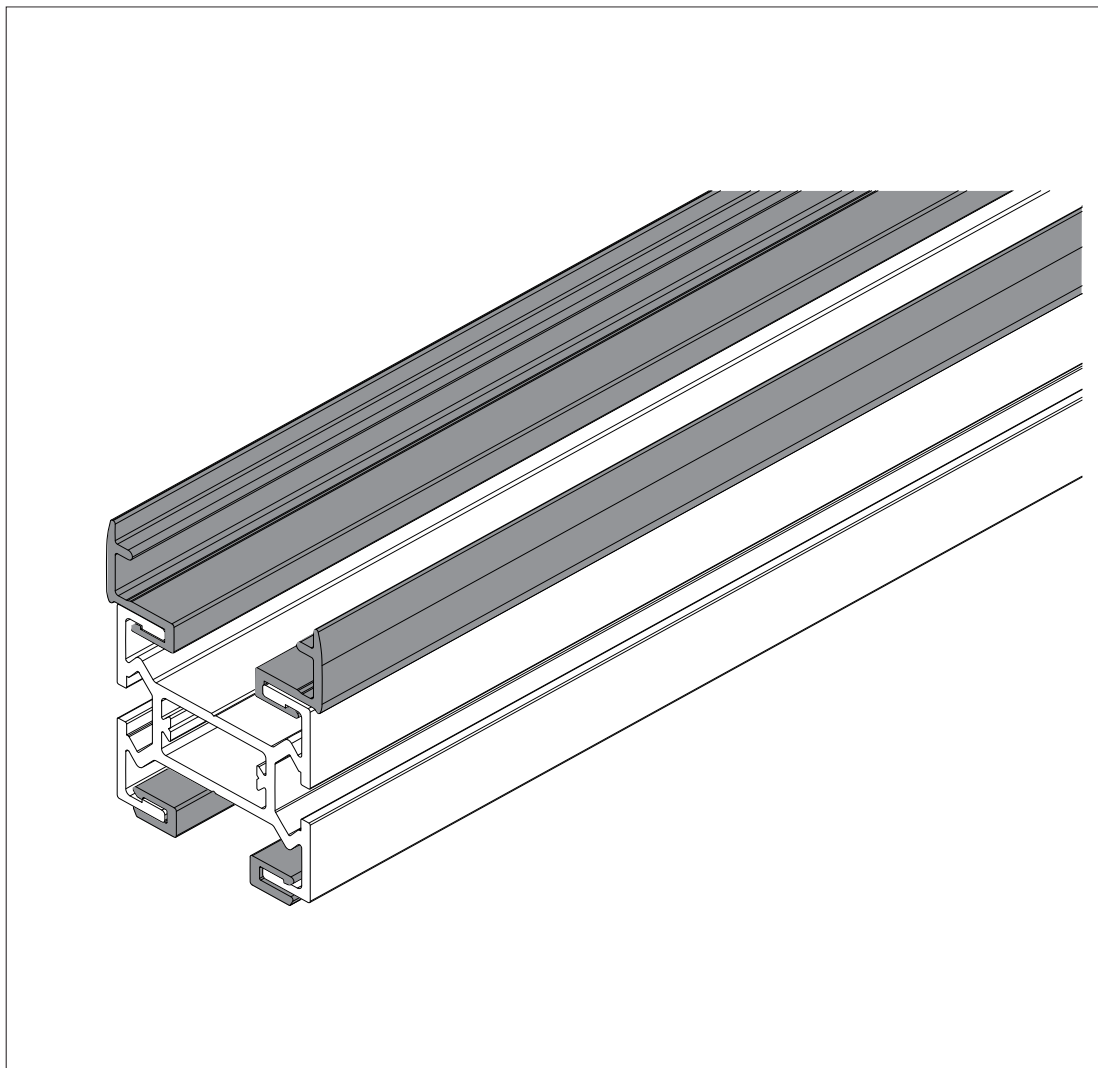
3



6

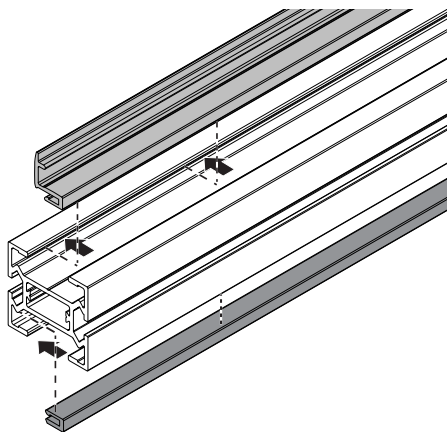


## 4.2 Slide/guide rail for puck handling

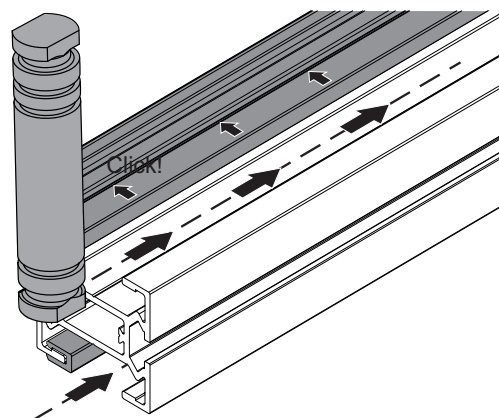




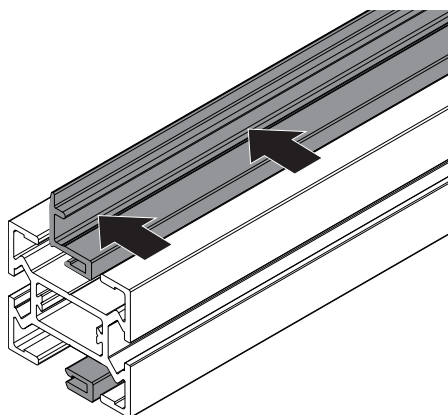
1



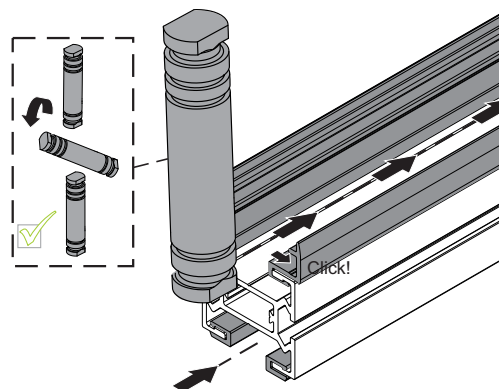
4



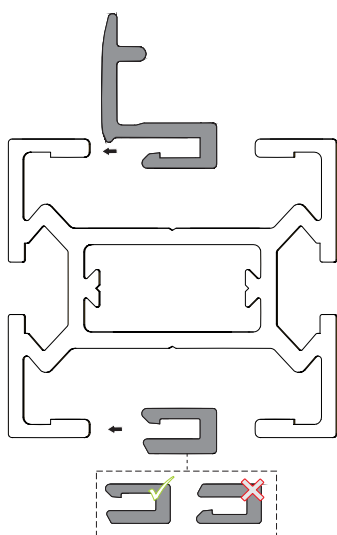
2



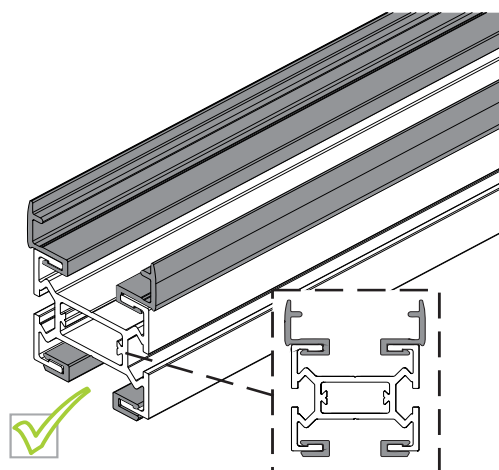
5



3



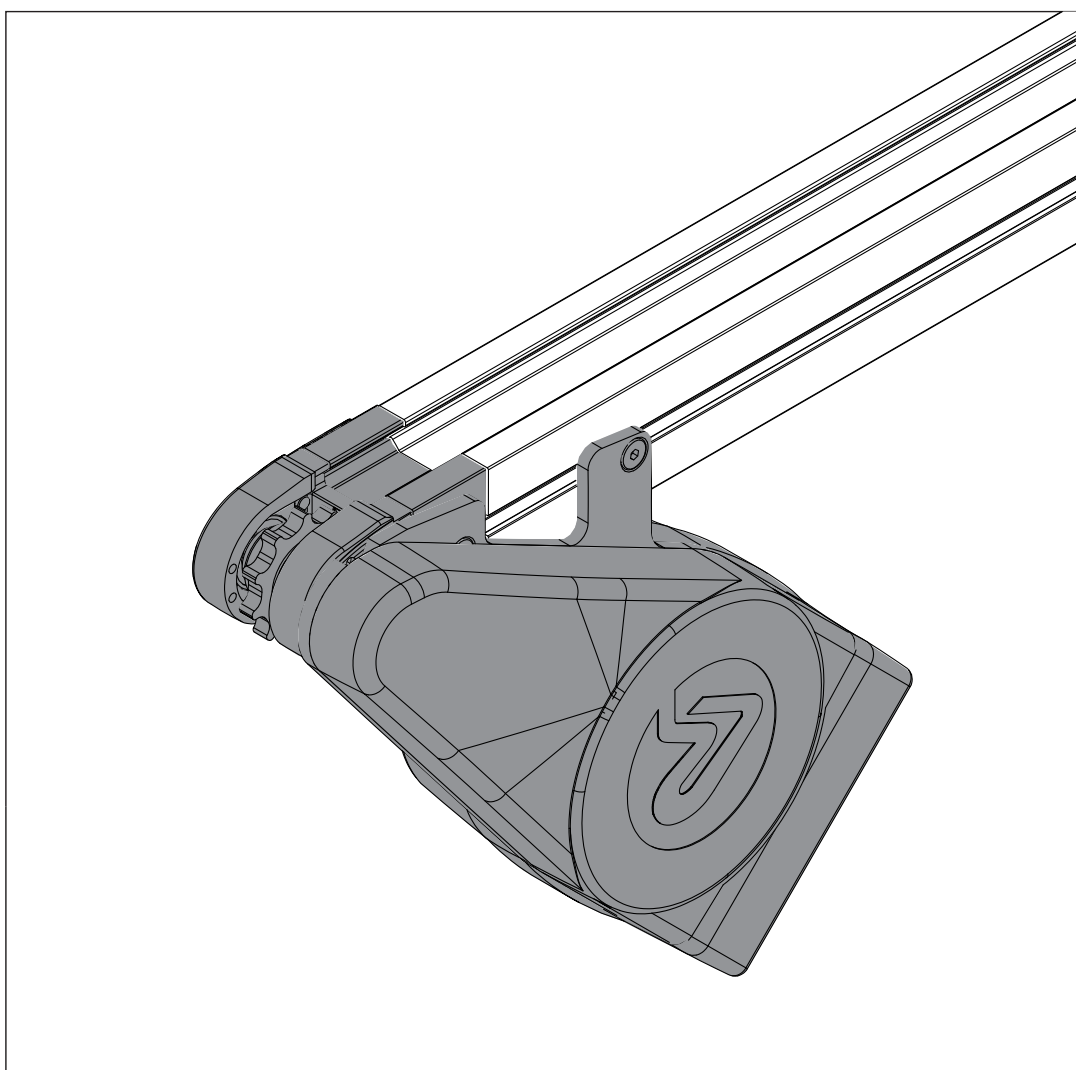
6



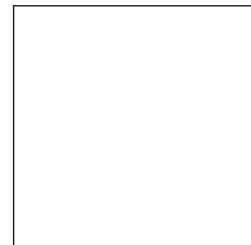
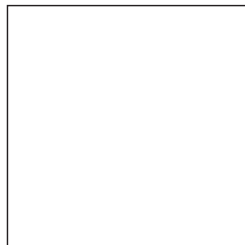
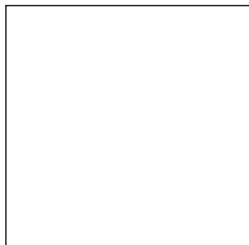
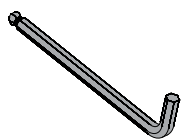


## 5 End drive units

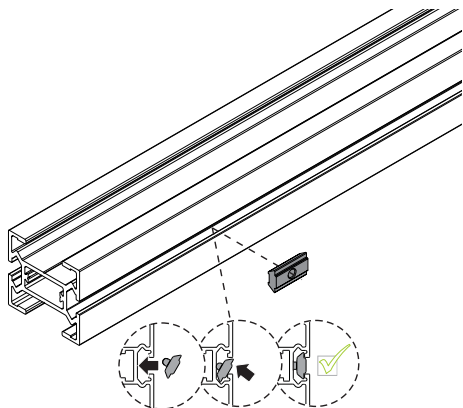
### 5.1 End drive unit, 24V, 40W, Left/Right



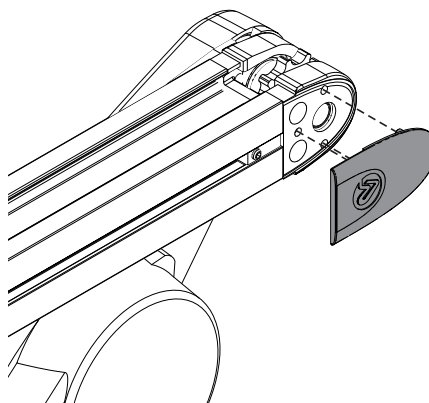
4 mm



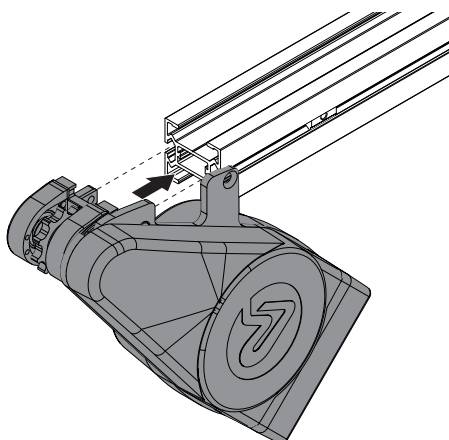
1



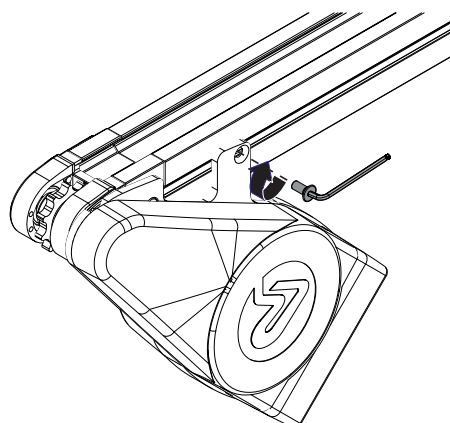
4



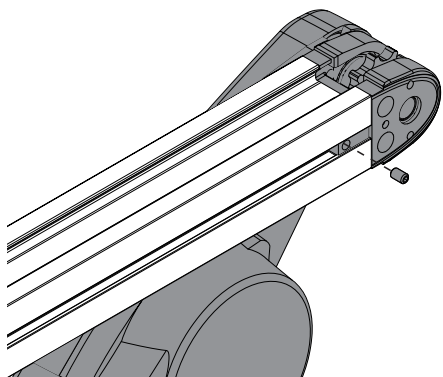
2



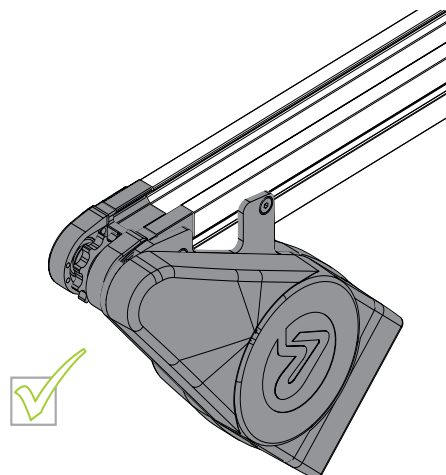
5



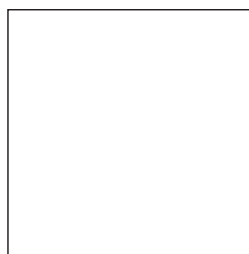
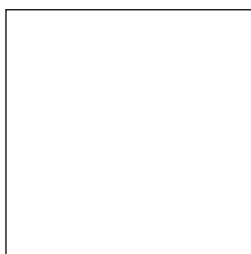
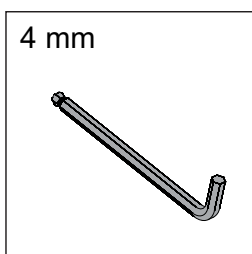
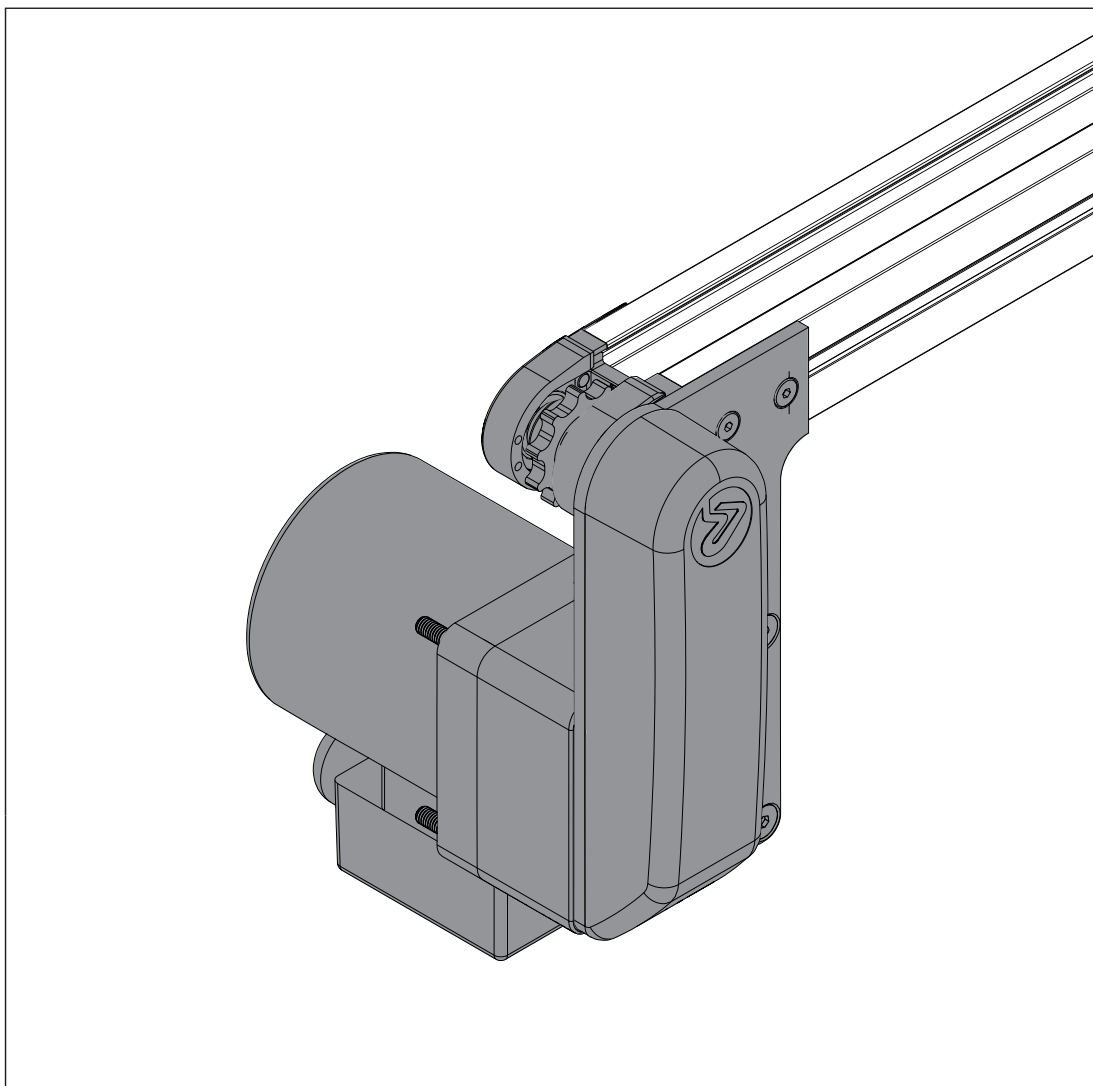
3



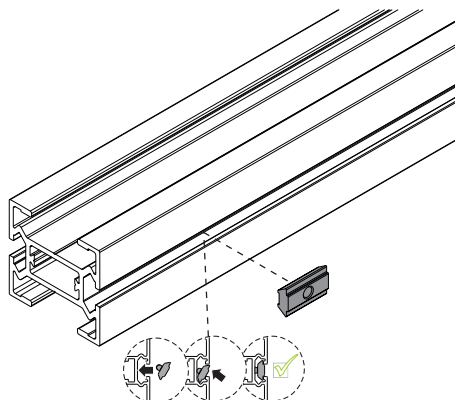
6



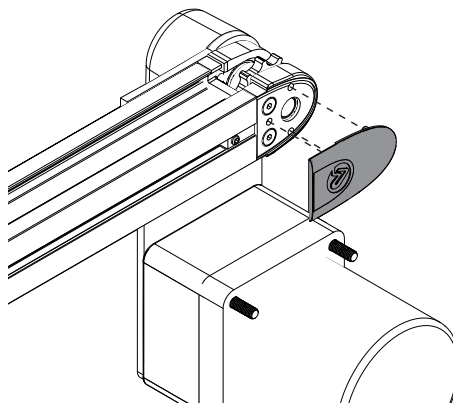
## 5.2 End drive unit, 380-440V, 40W, Left/right



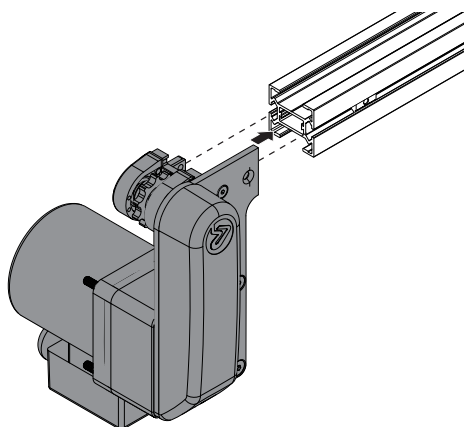
1



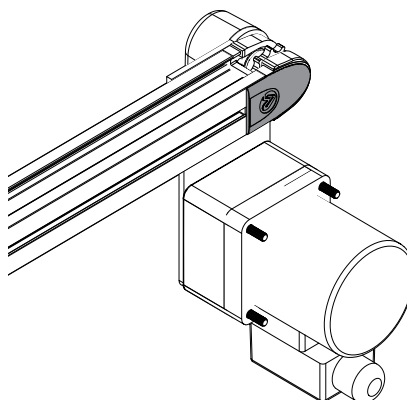
4



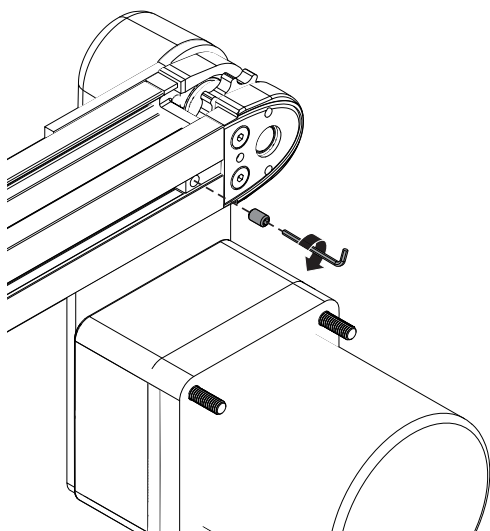
2



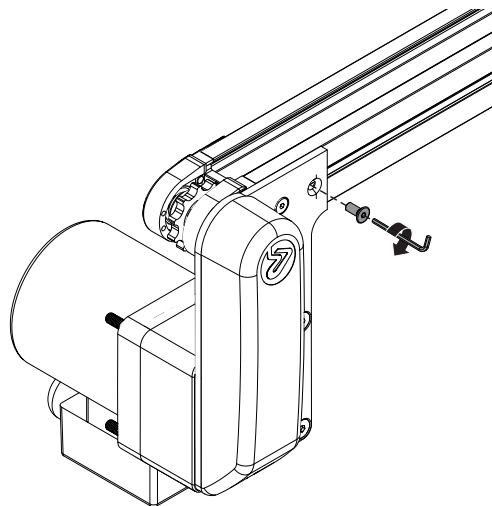
5



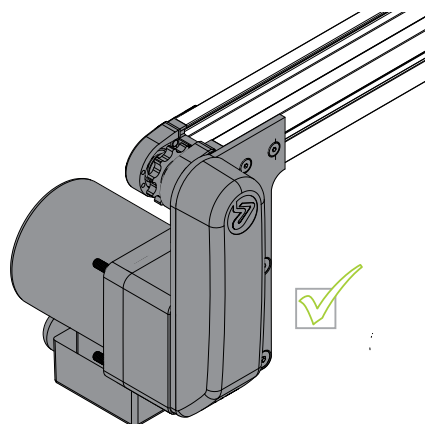
3



6



7

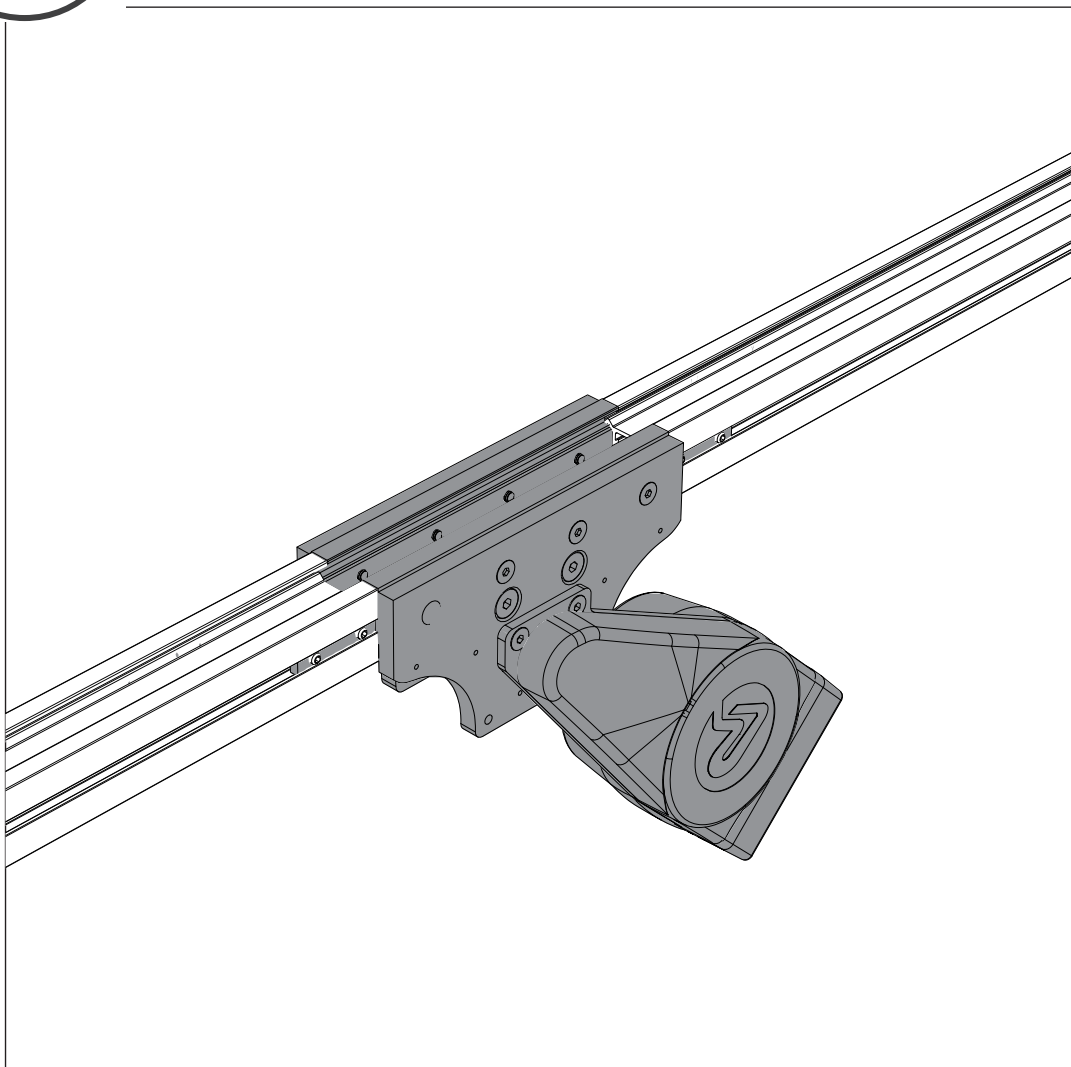




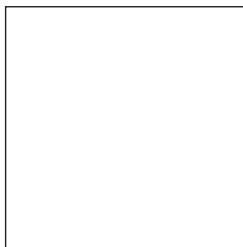


## 6 Intermediate drive units

### 6.1 Intermediate drive unit, 24V, 40W, Left/

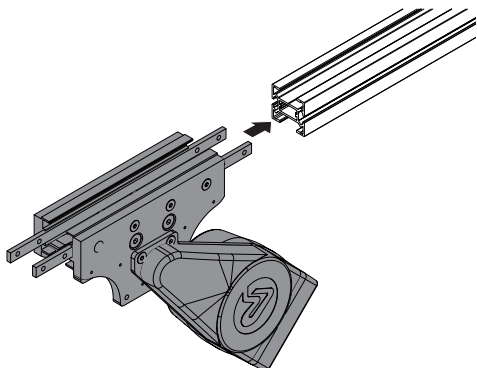


4 mm

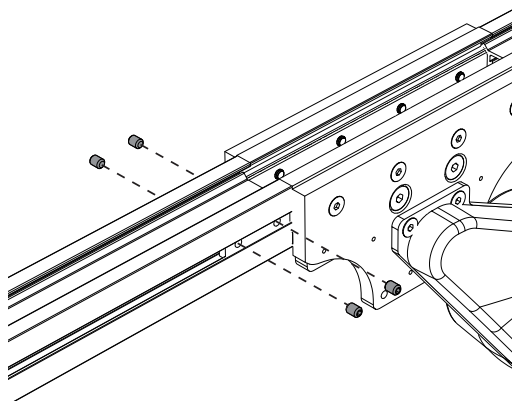




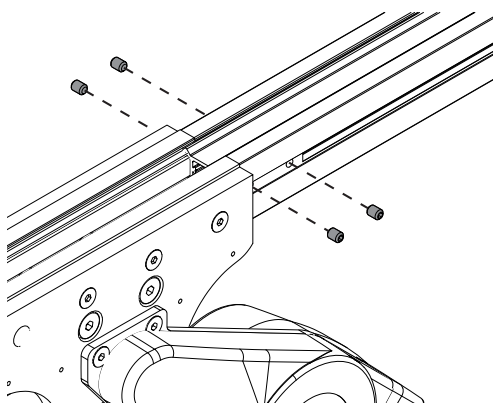
1



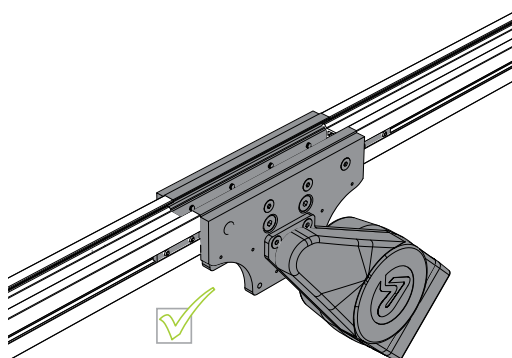
4



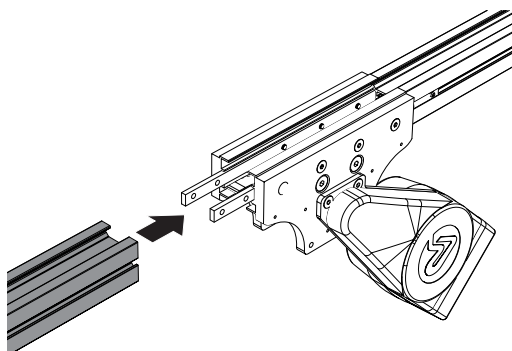
2



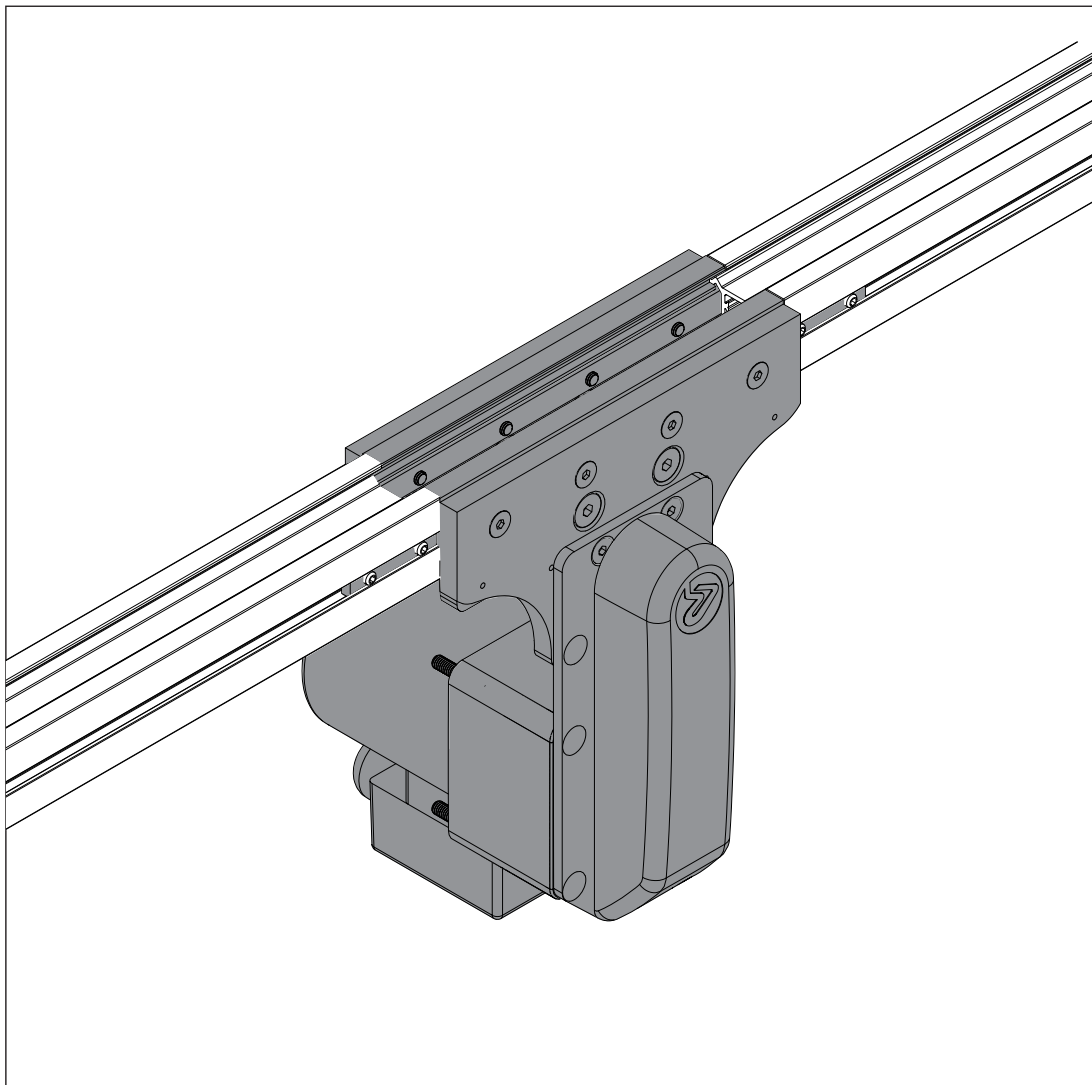
5



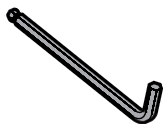
3



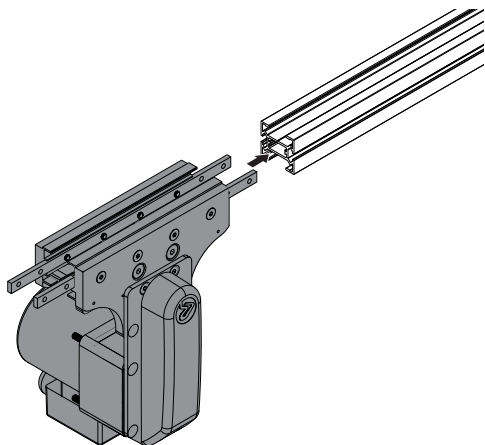
## 6.2 Intermediate drive, 280-440V, 40W, L/R



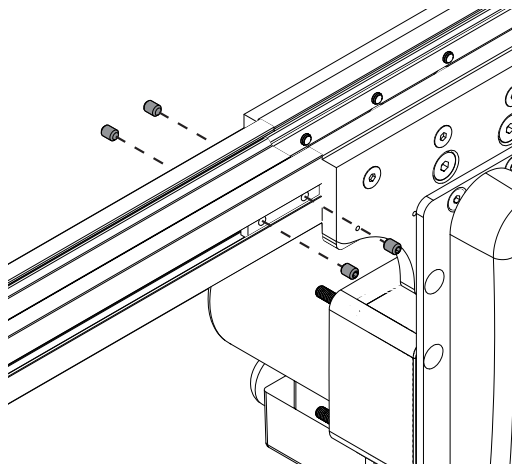
4 mm



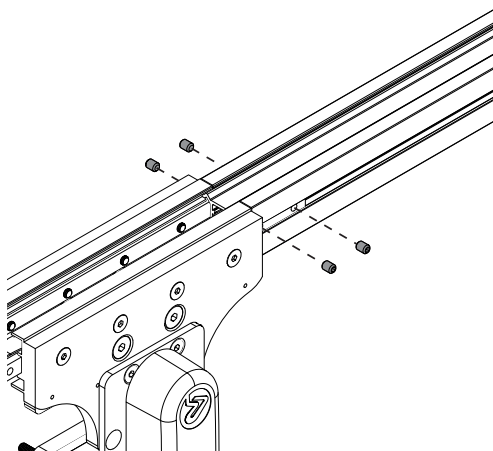
1



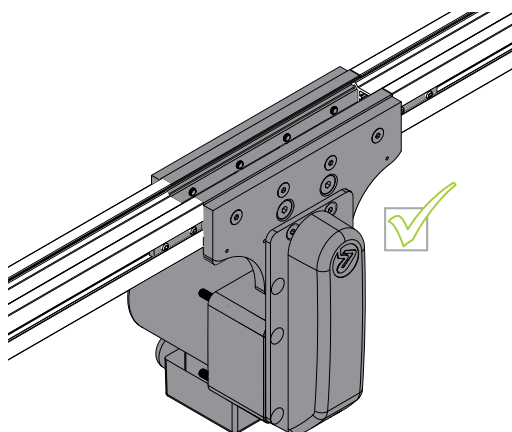
4



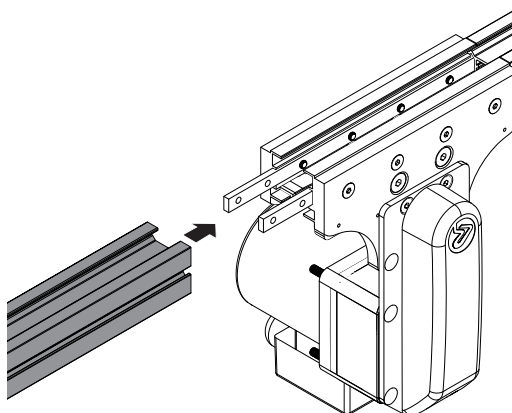
2



5



3



---

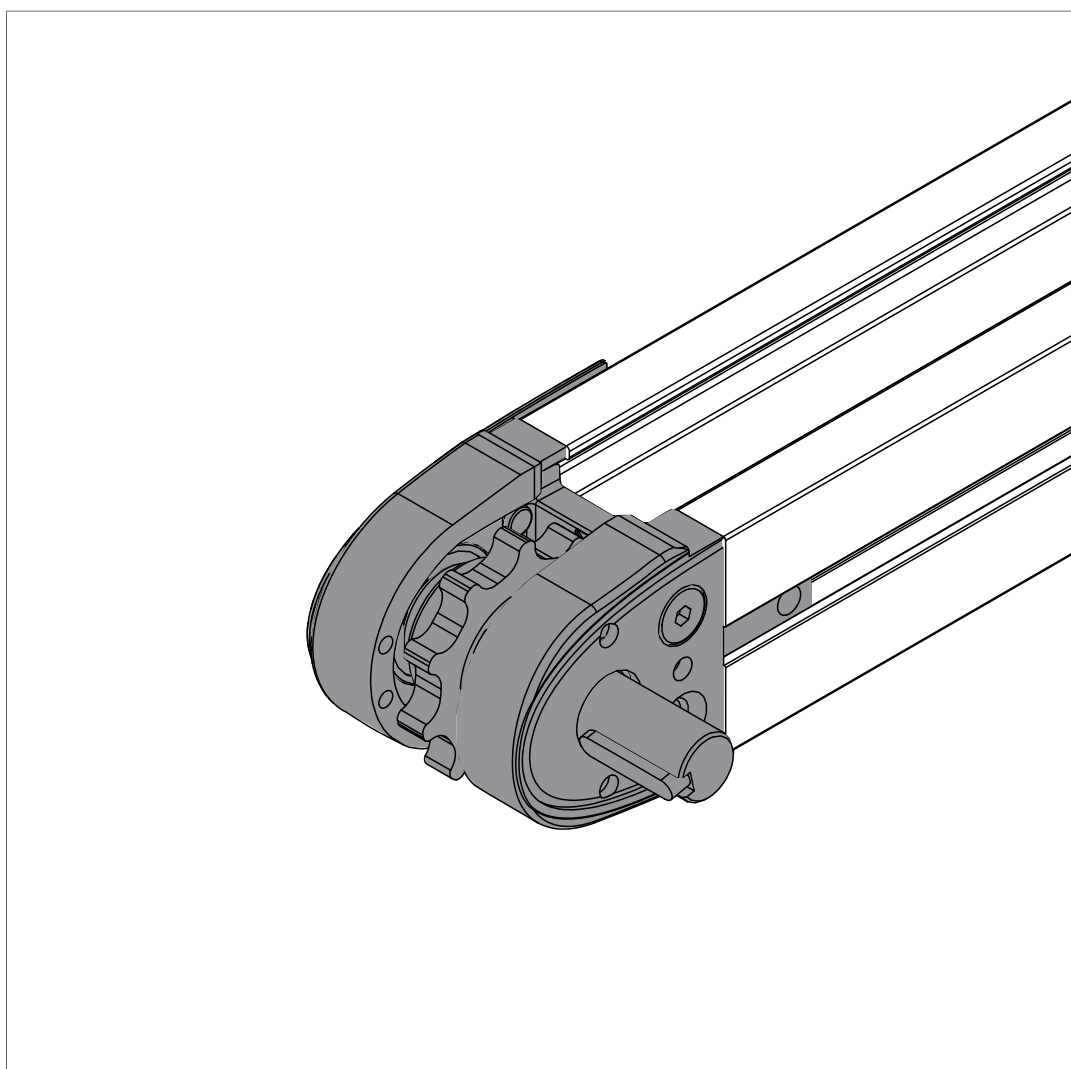
Right





## 7 Basic units X45C

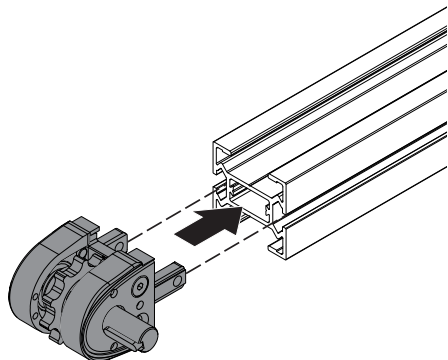
### 7.1 Basic unit - End drive, Left/Right



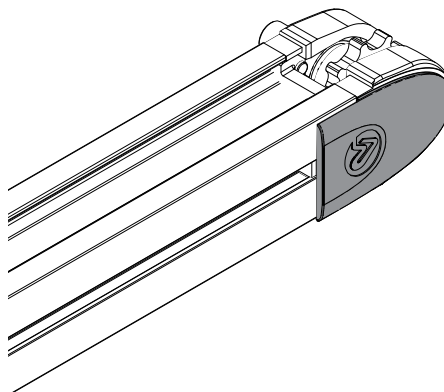
4 mm



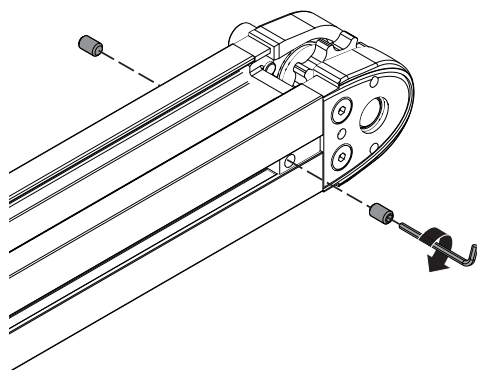
1



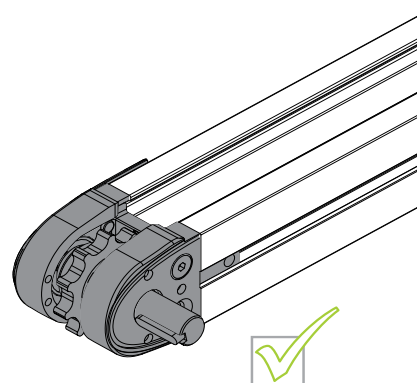
4



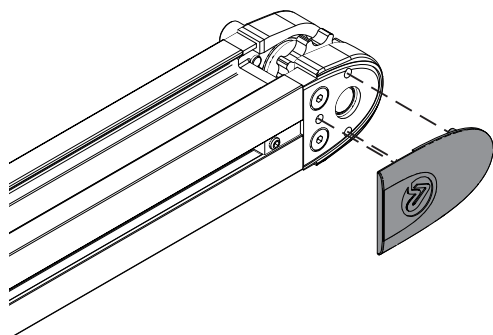
2



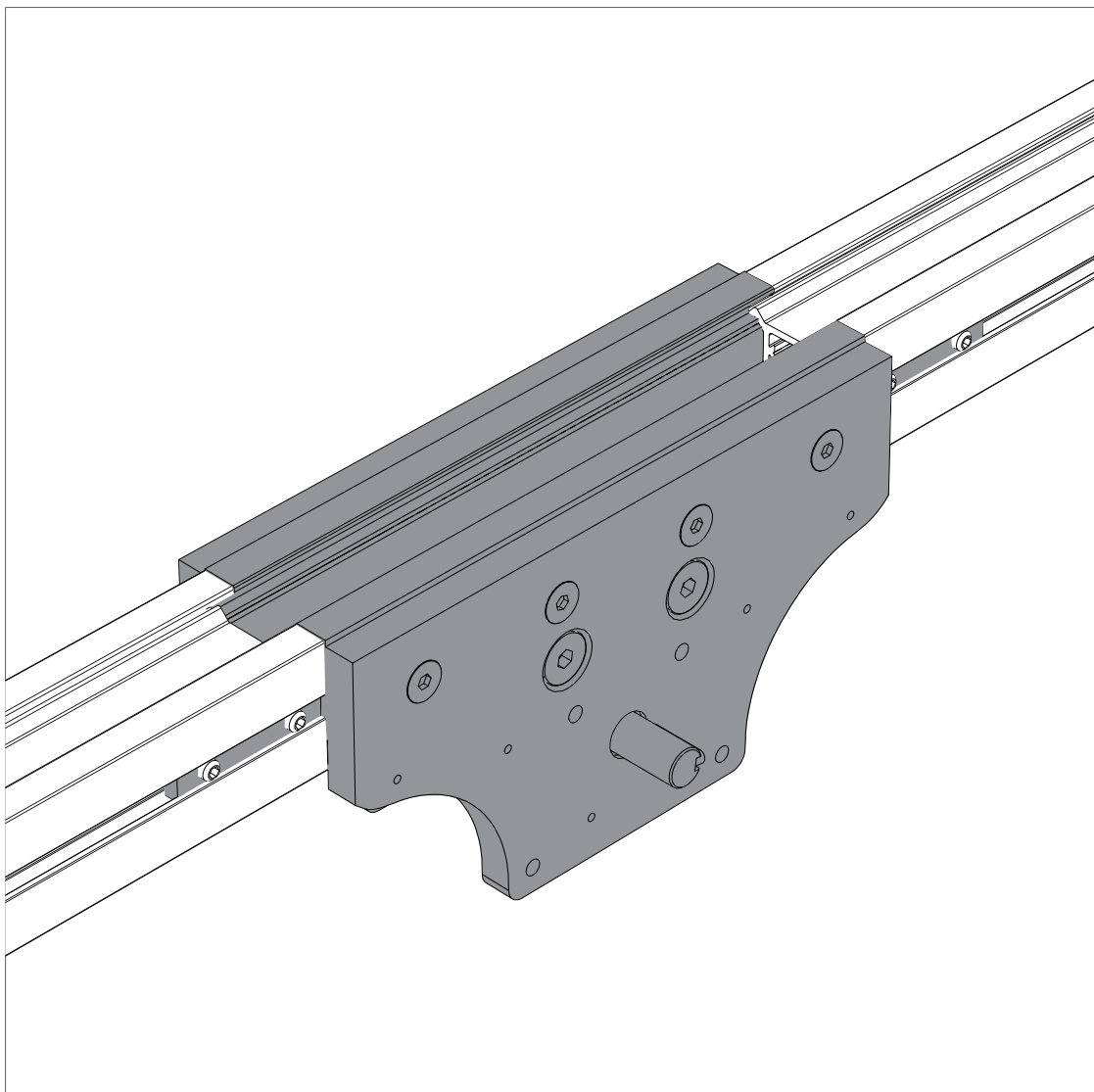
5



3



## 7.2 Basic unit - Intermediate drive, left/right

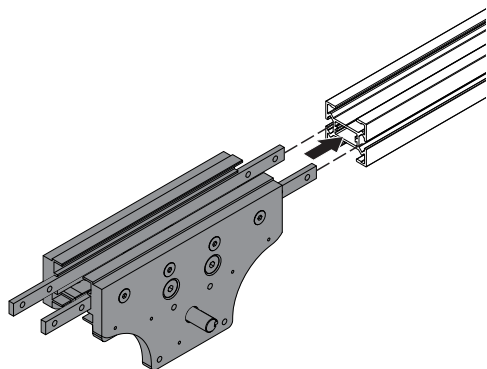


4 mm

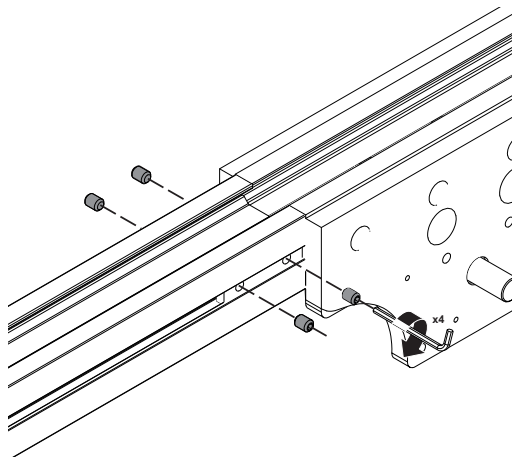




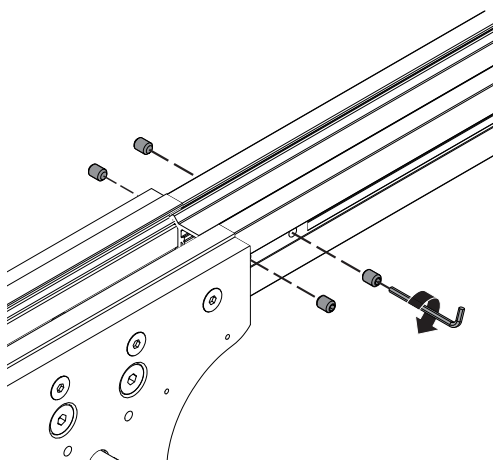
1



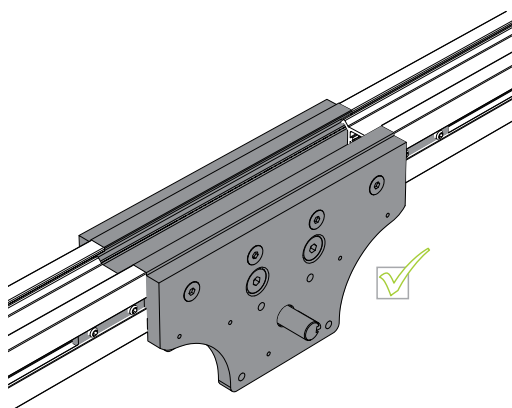
4



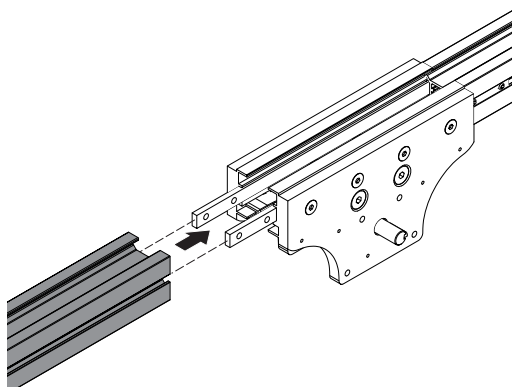
2

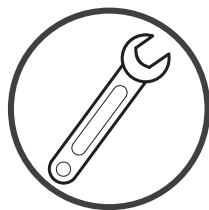


5



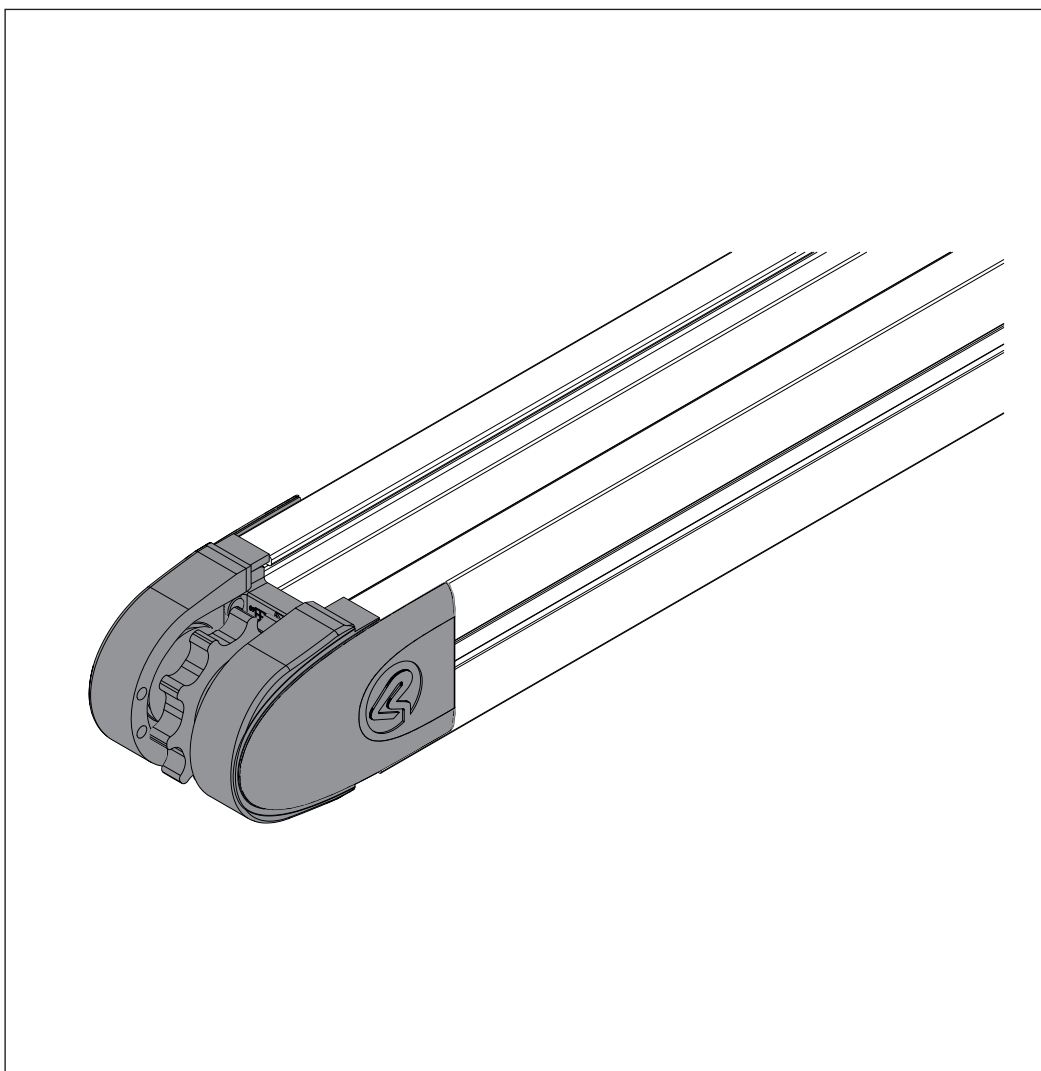
3



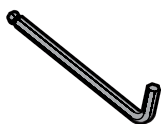


## 8 Idler unit

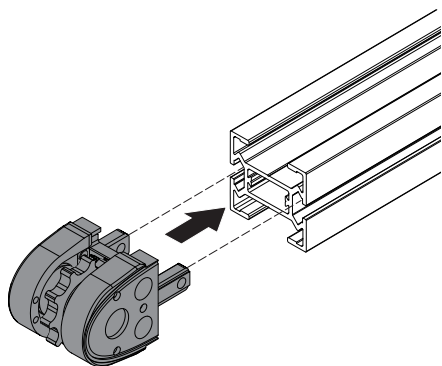
### 8.1 Idler unit X45C



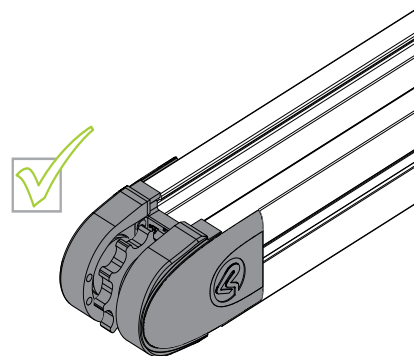
4 mm



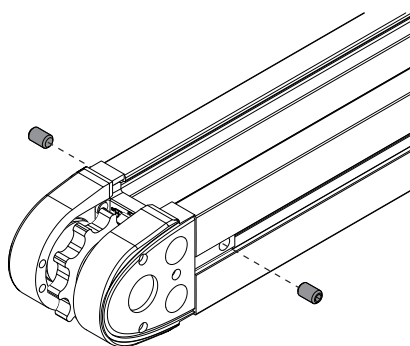
1



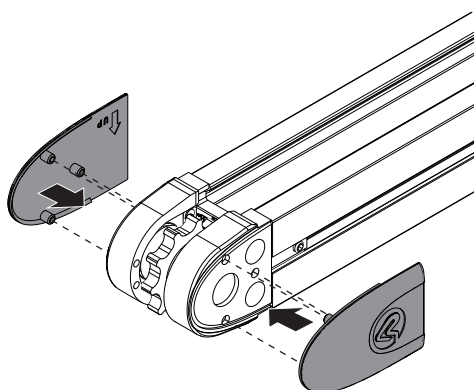
4



2



3





## 9 Plain bends and Vertical bends

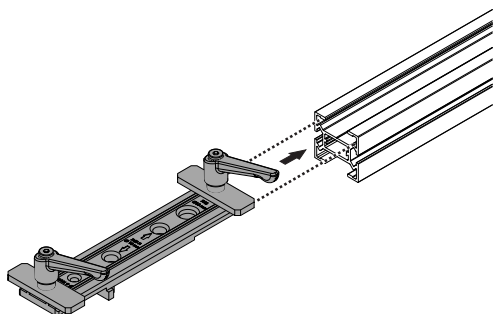
### 9.1 Plain bends X45C, $x^\circ$



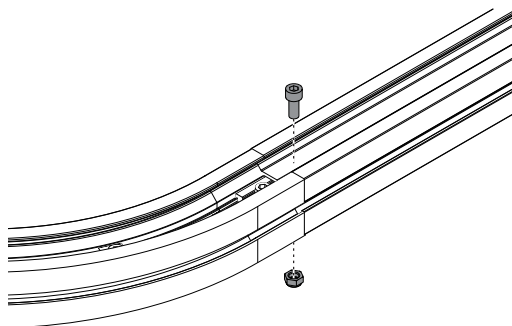
4 mm



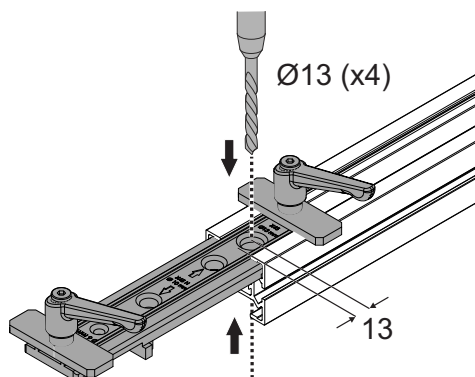
1



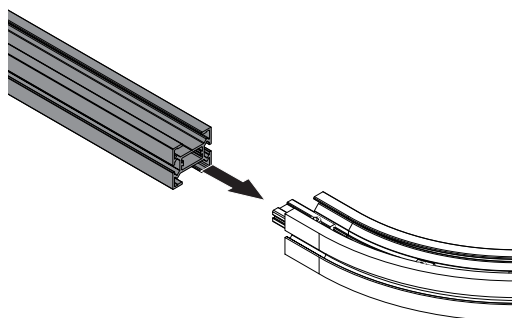
4



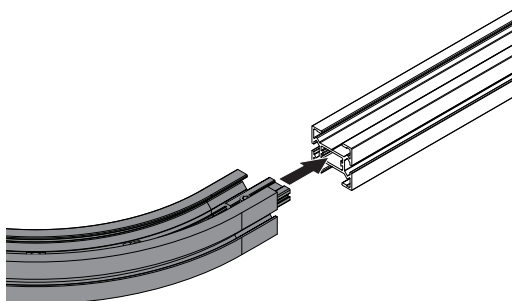
2



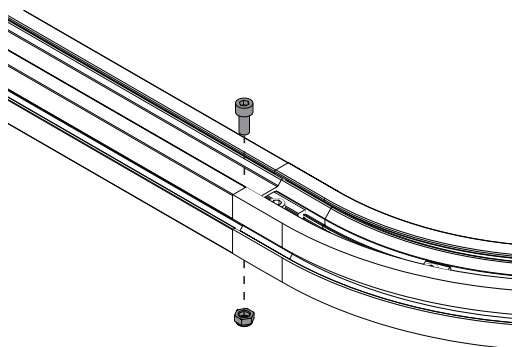
5



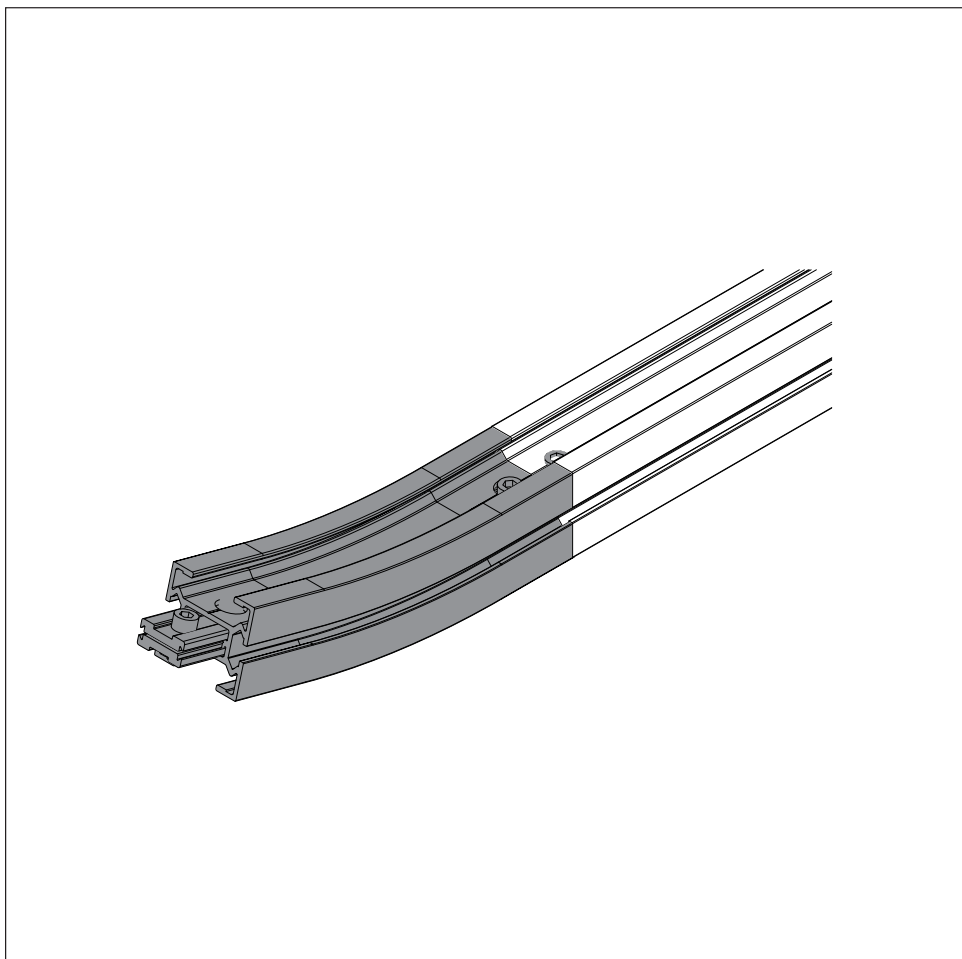
3



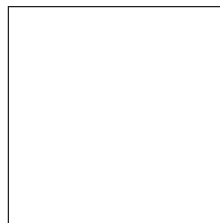
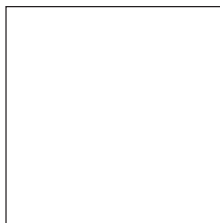
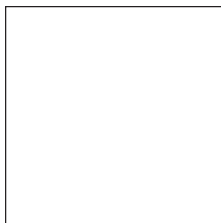
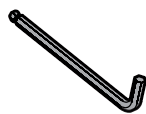
6



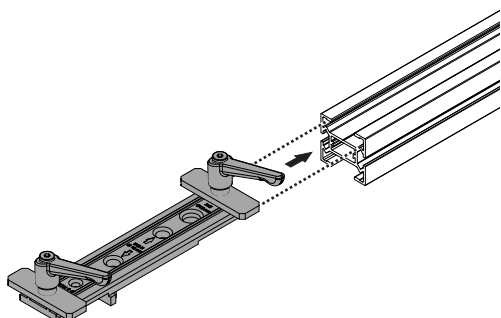
## 9.2 X45C Vertical bends, $x^\circ$



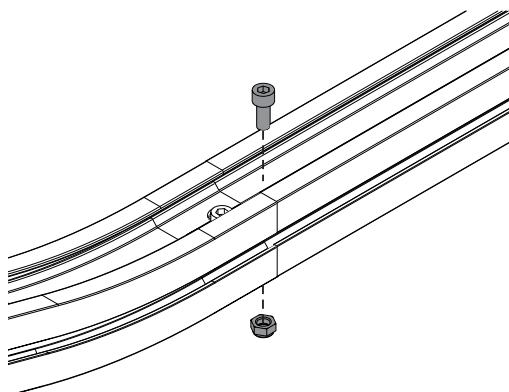
4 mm



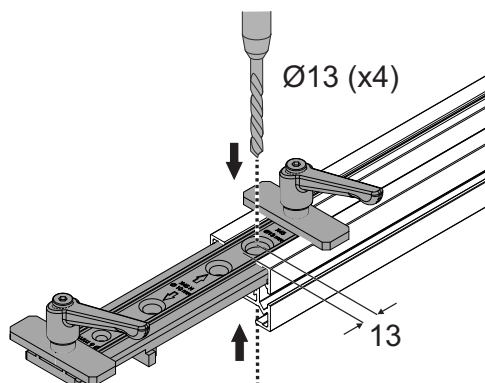
1



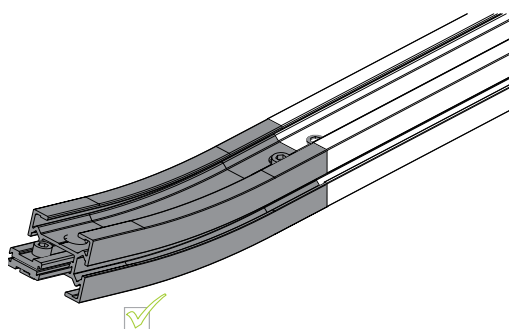
4



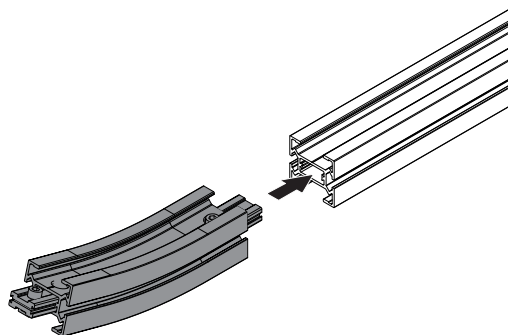
2



5



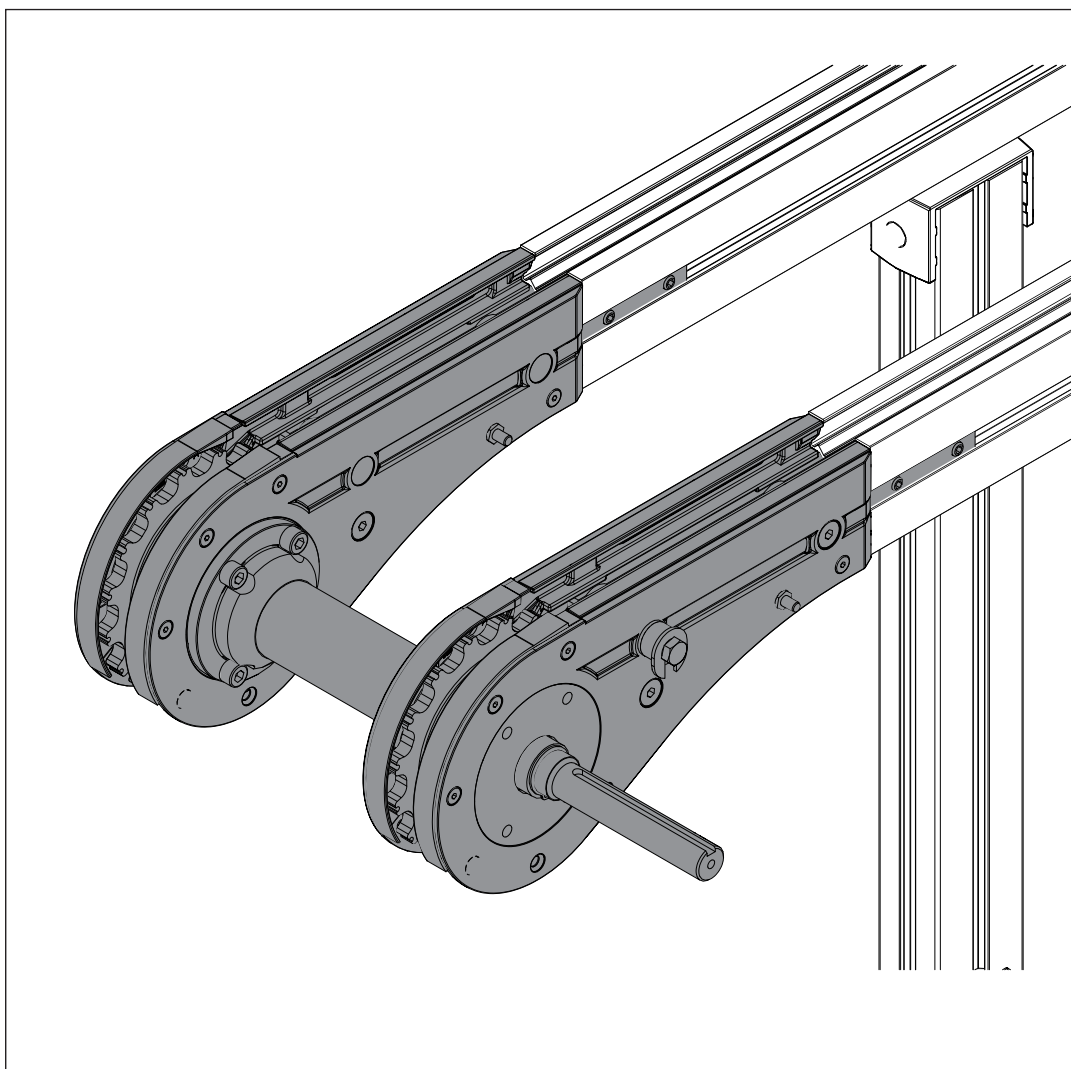
3



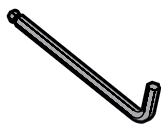


## 10 Dual end drive no motor

Dual end drive, no motor

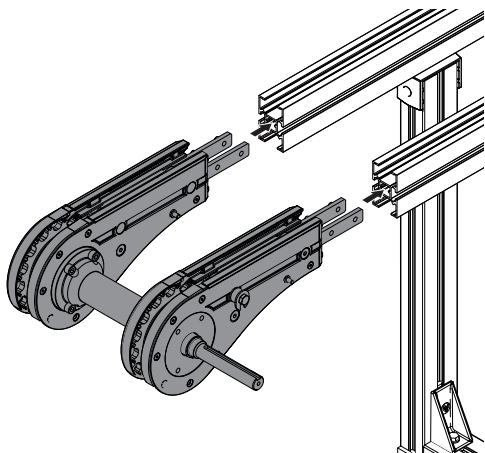


4 mm

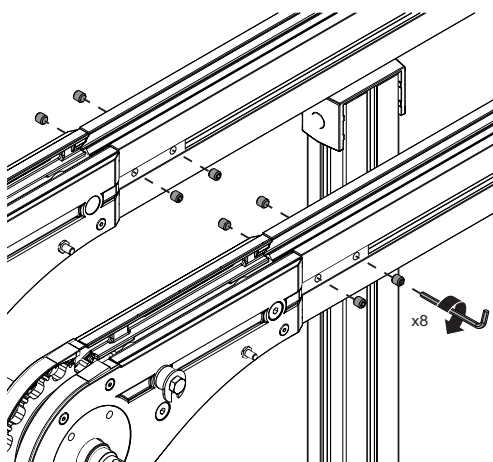




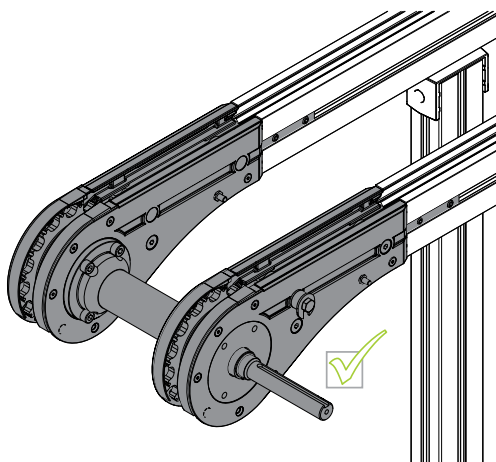
1



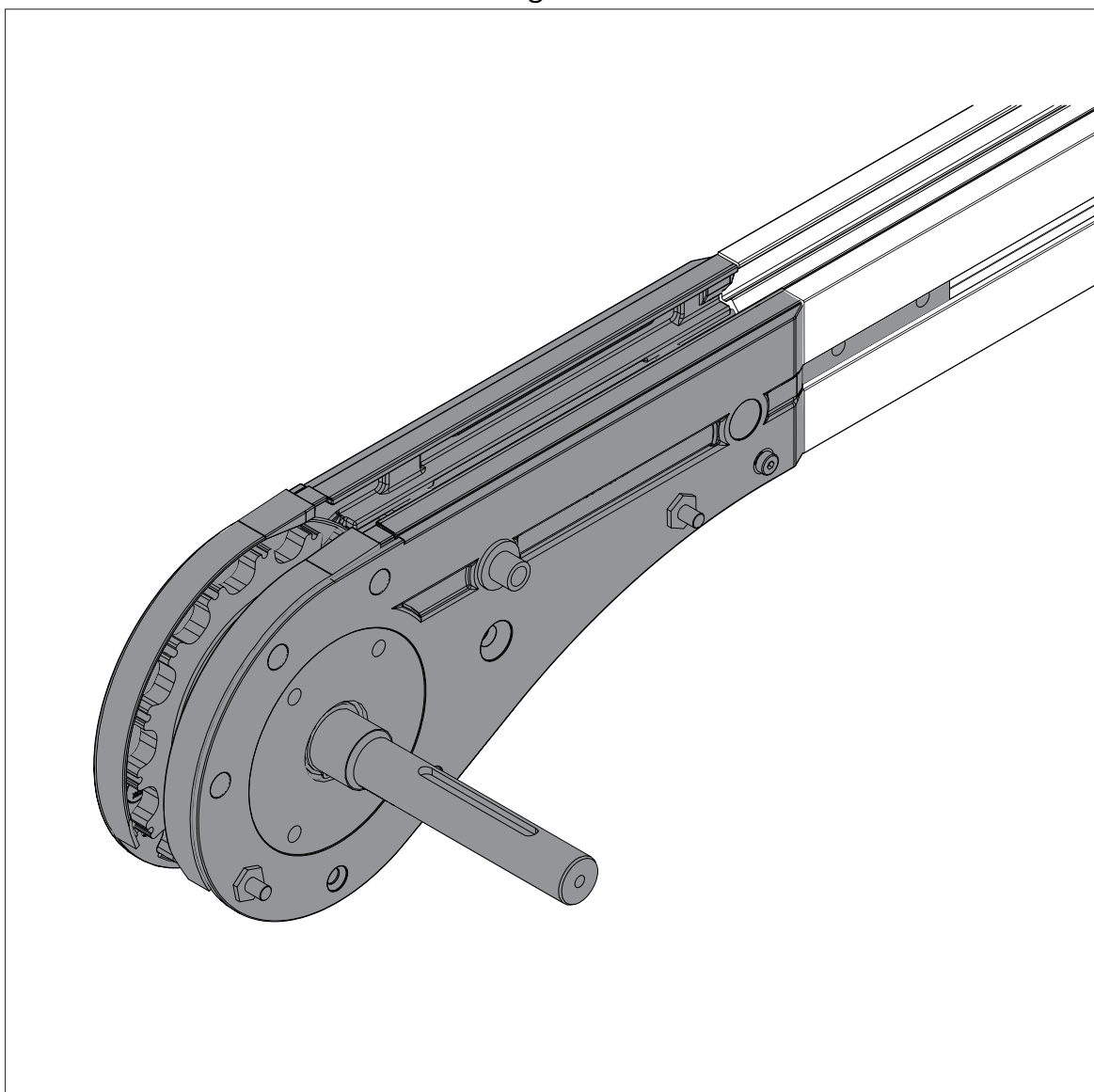
2



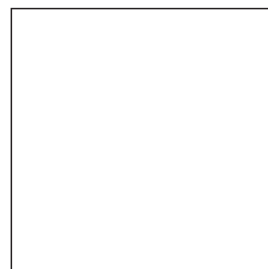
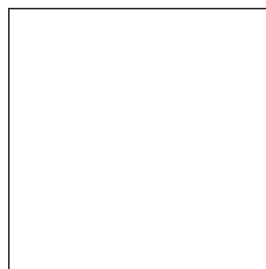
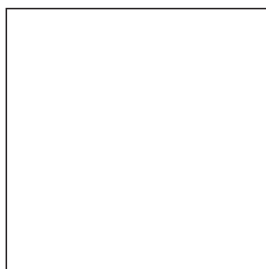
3



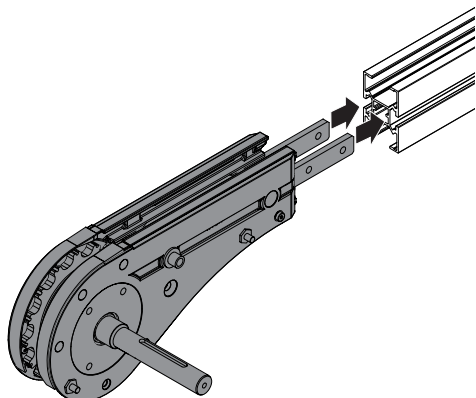
## 10.1 Single end drive°



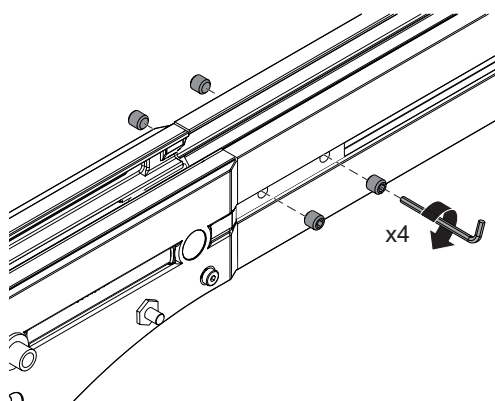
4 mm



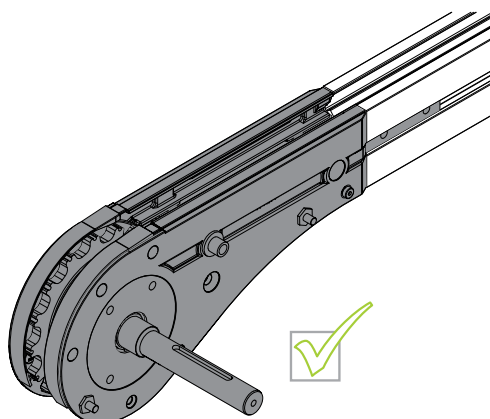
1

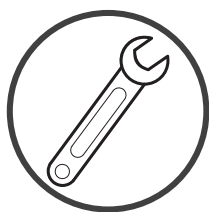


2



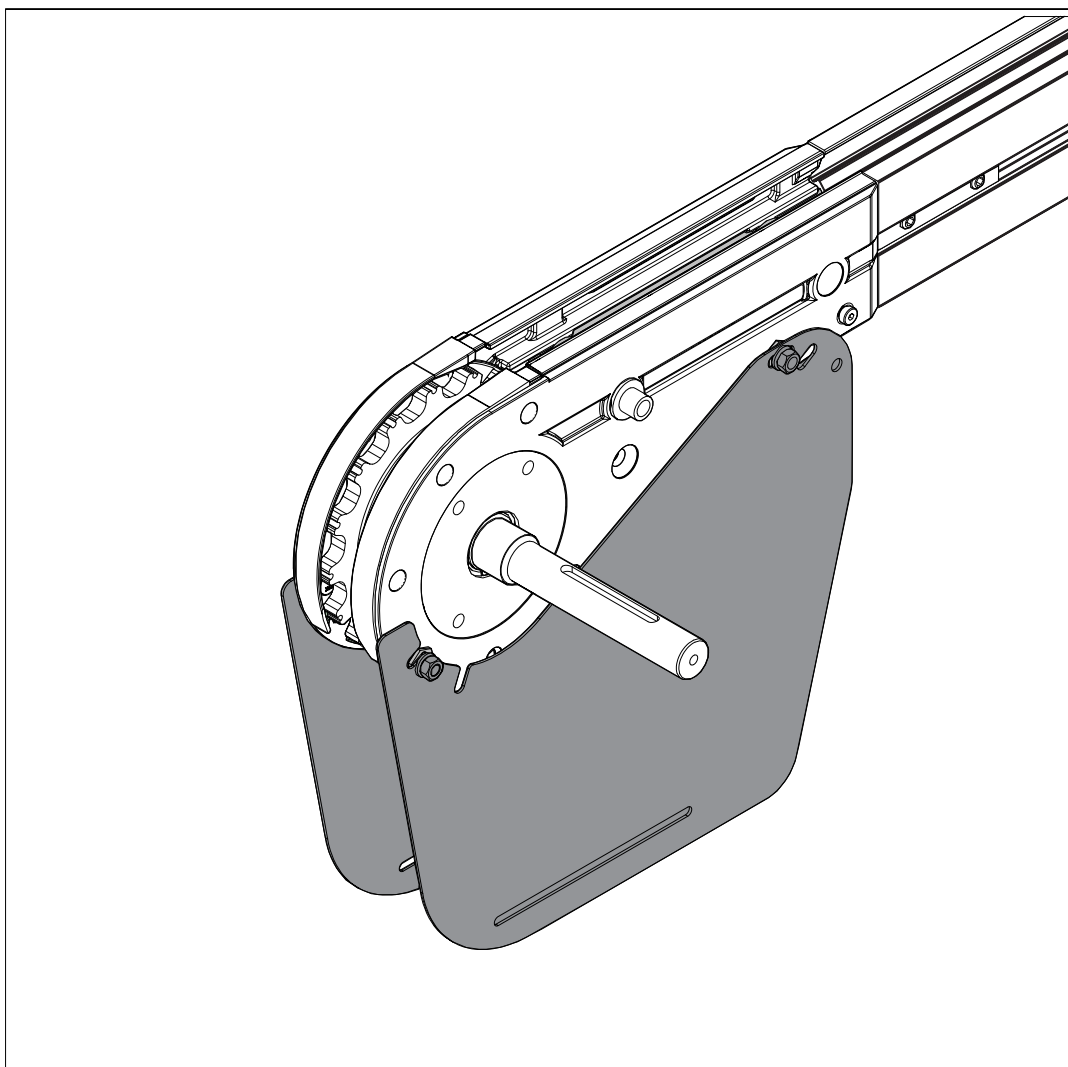
3



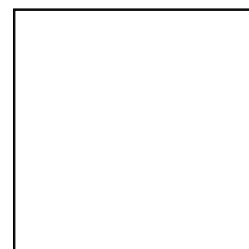
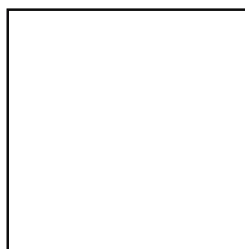
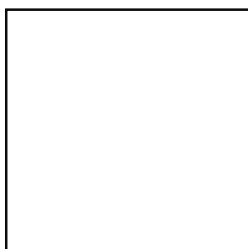
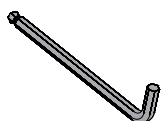


## 11 Slack cover, X45H

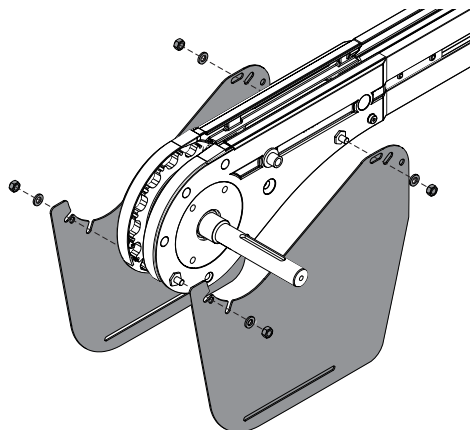
### 11.1 Slack cover installation



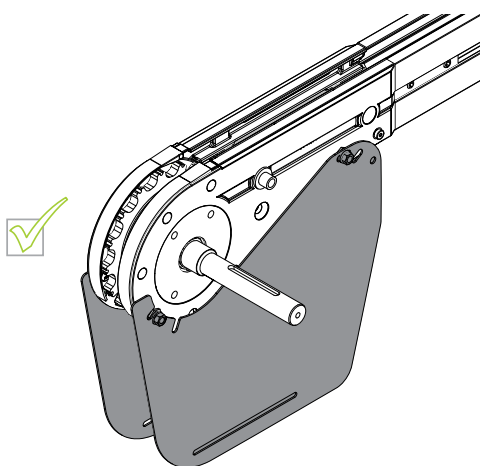
4 mm



1



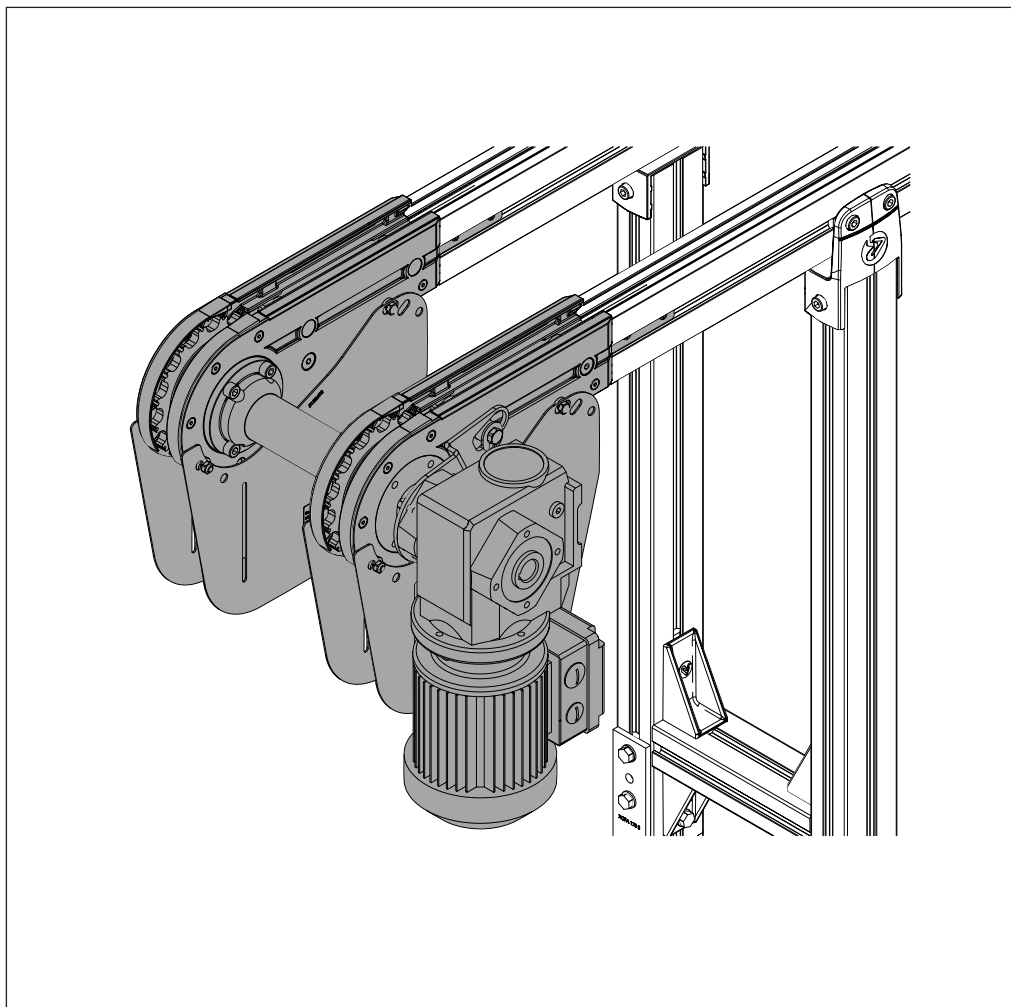
2





## 12 End drive units

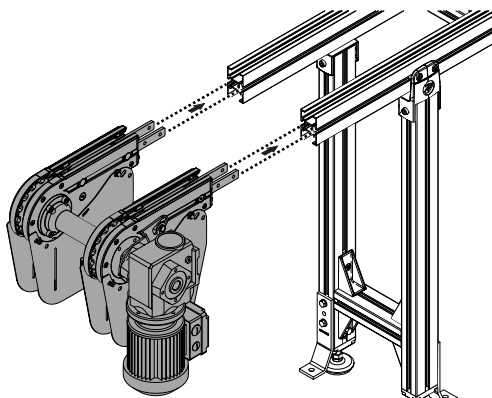
### 12.1 Direct drive, no slip clutch, Left/Right



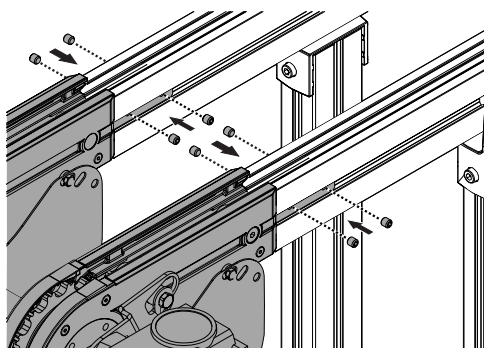
4 mm



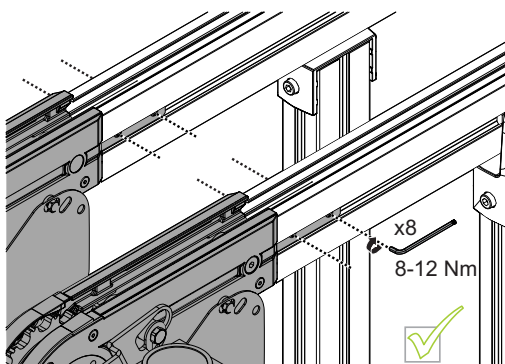
1



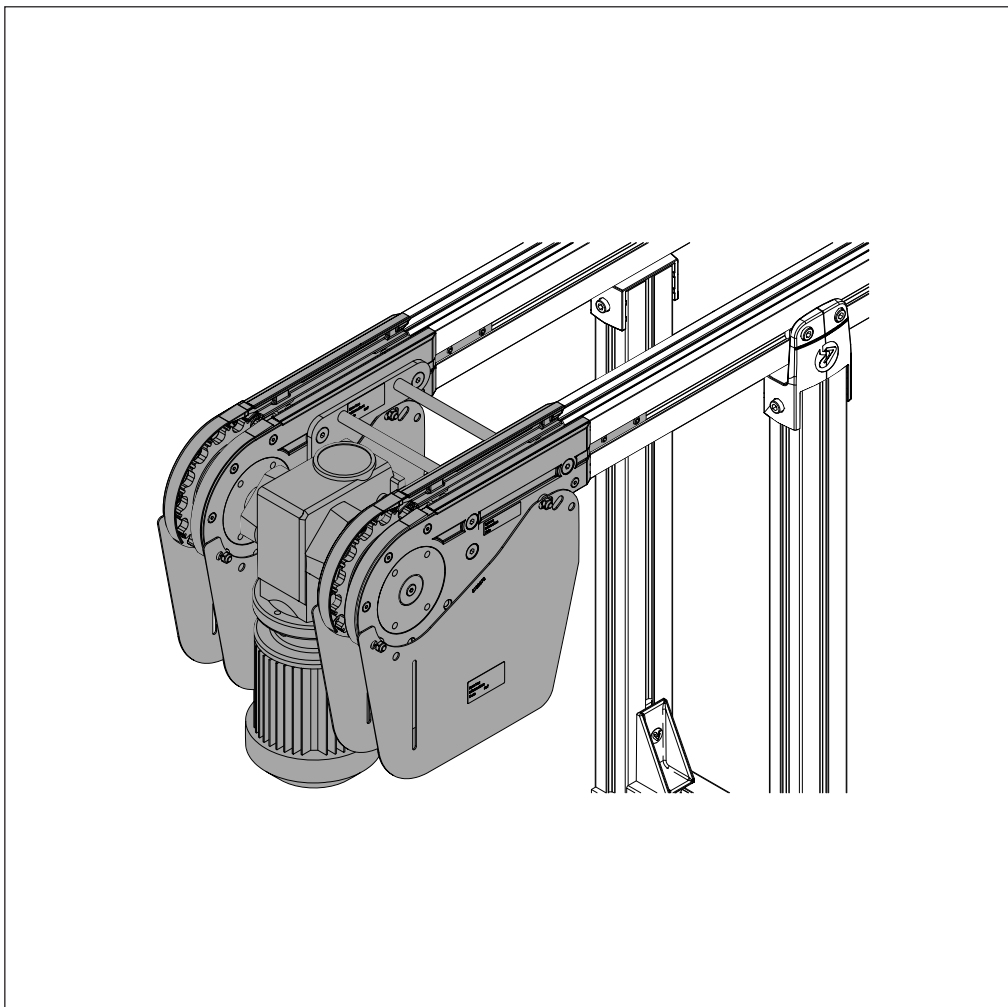
2



3



## 12.2 Mid drive

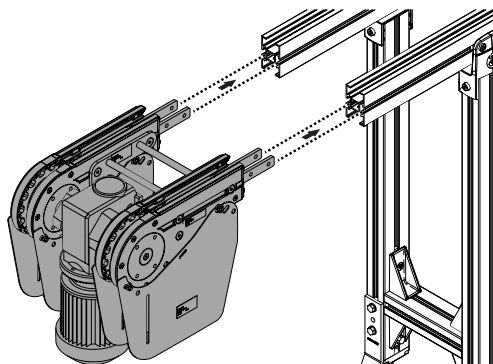


4 mm

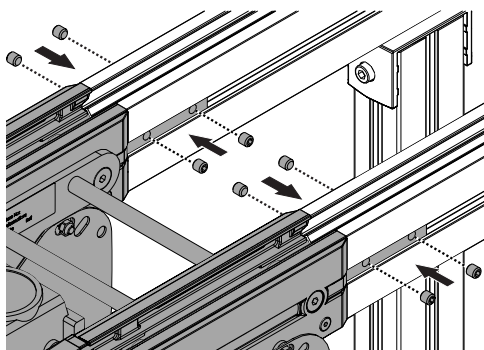




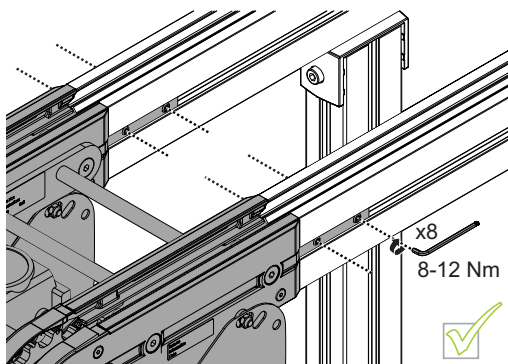
1



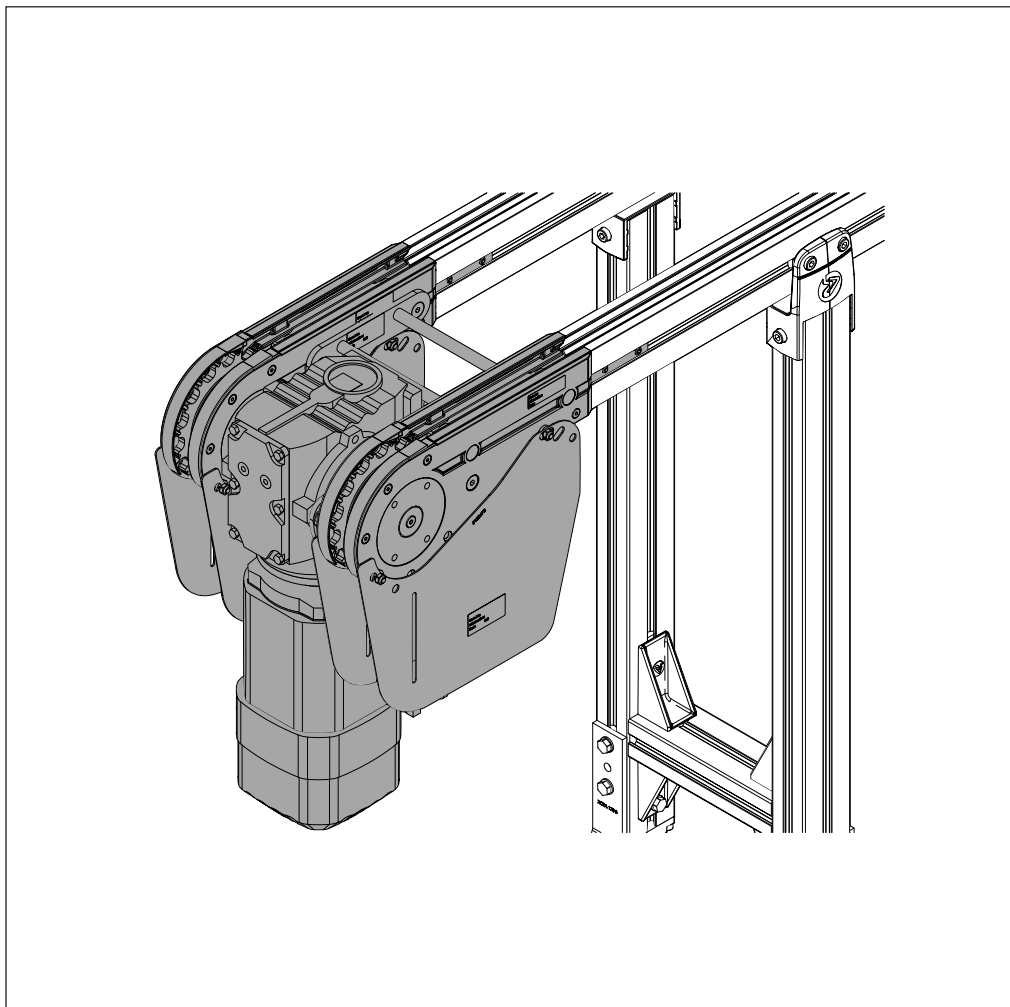
2



3



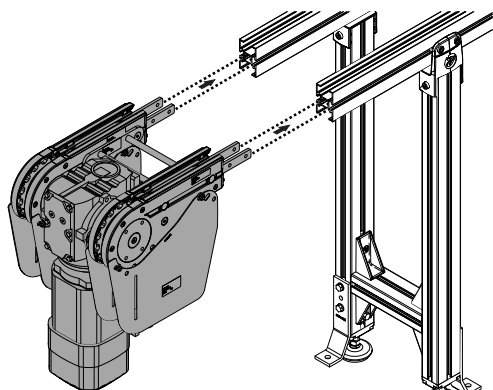
## 12.3 Mid drive, Heavy



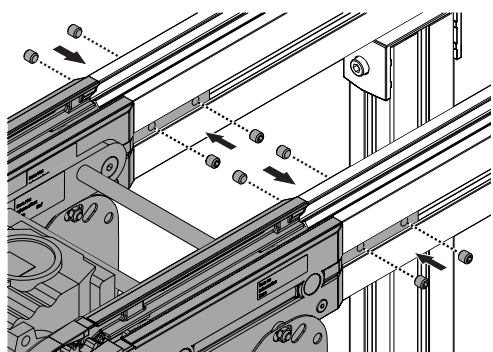
4 mm



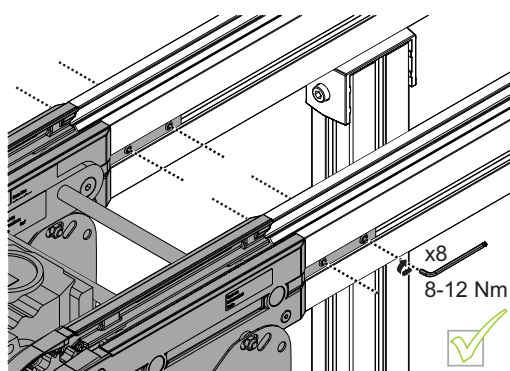
1



2



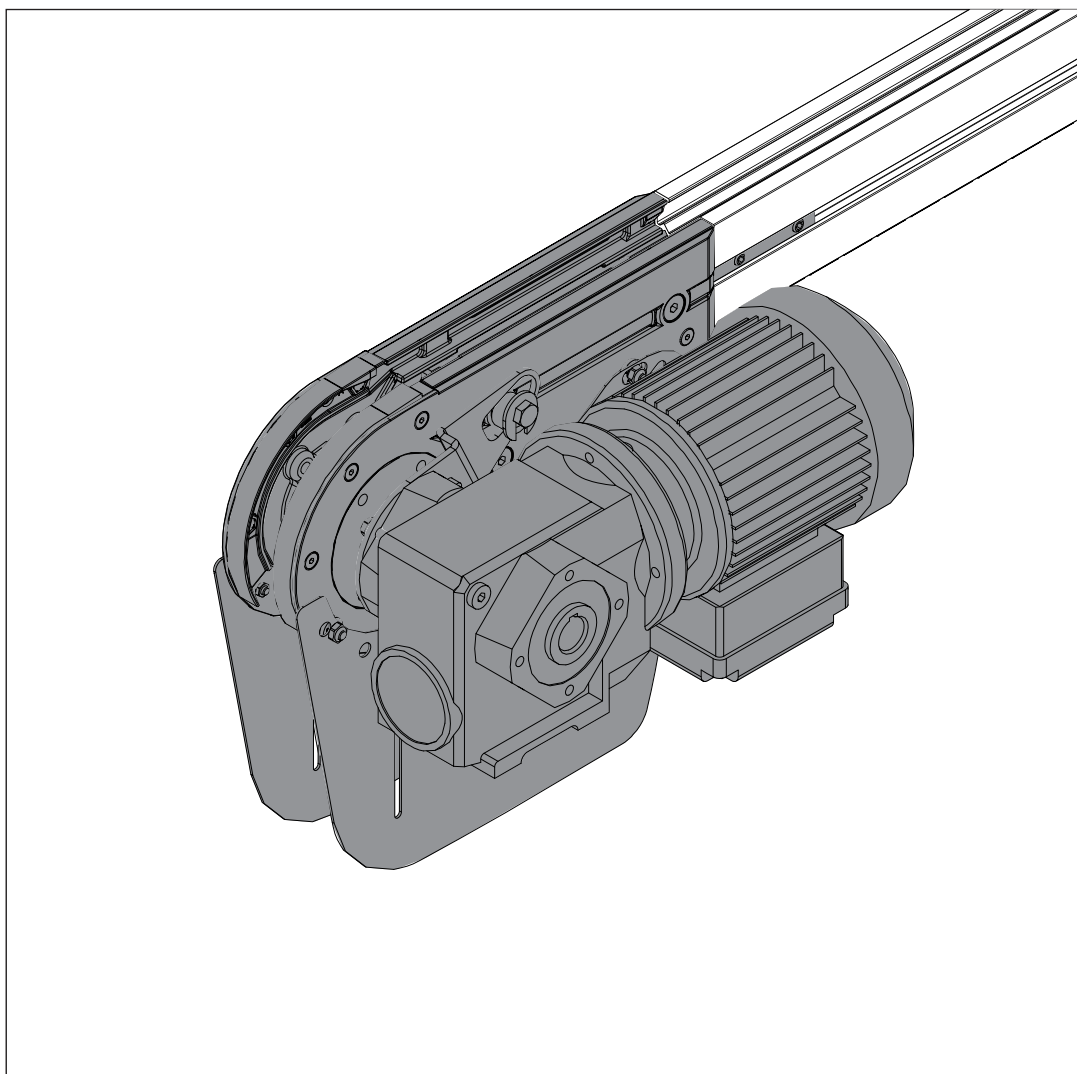
3



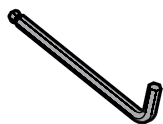


## 13 End drive unit

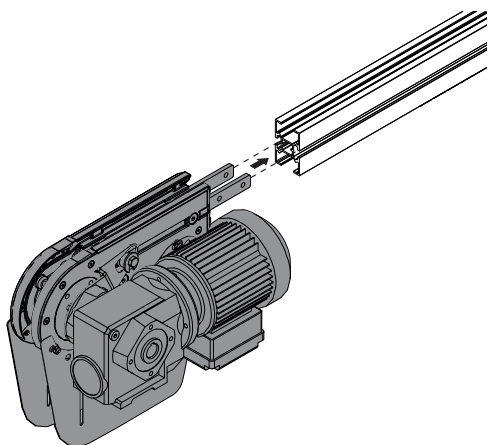
### 13.1 Direct drive, no slip clutch, Left/Right



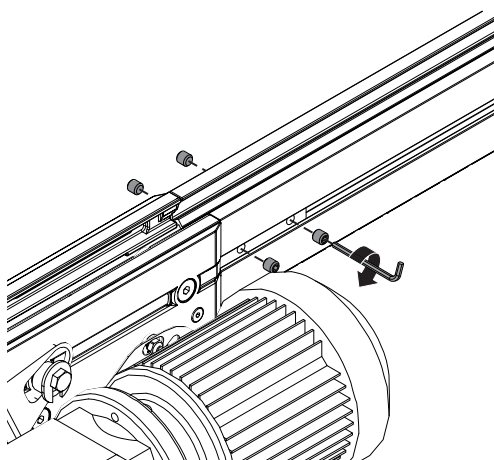
4 mm



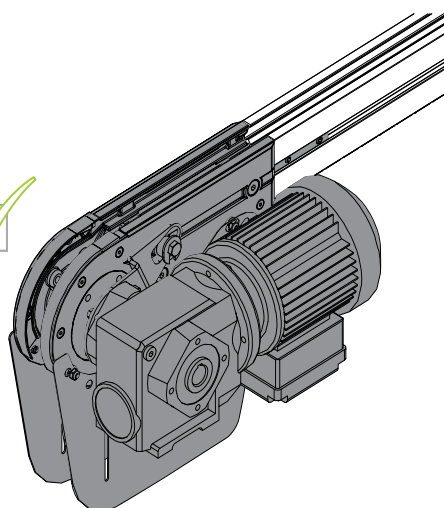
1



2



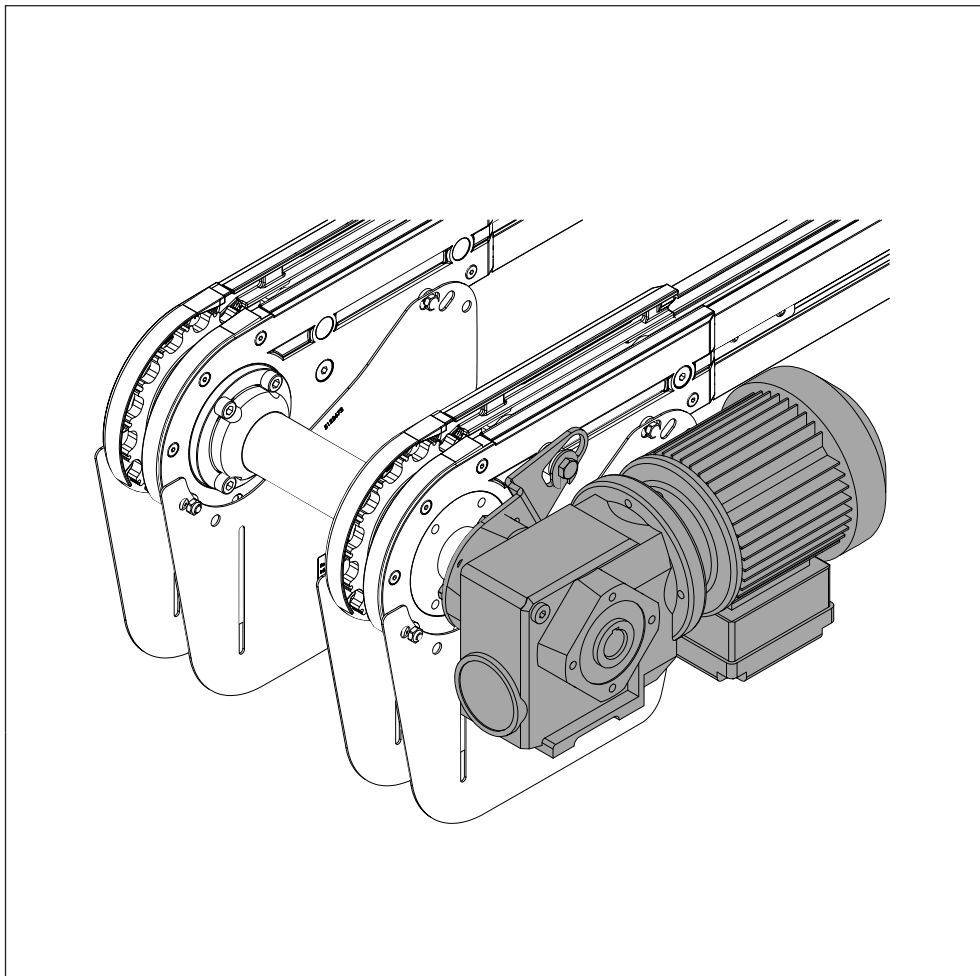
3





## 14 Mounting motor, Left/Right

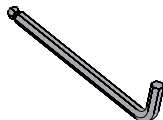
### 14.1 Direct drive, no slip clutch



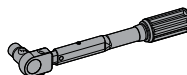
10 mm  
13 mm



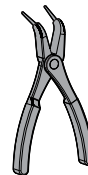
3 mm  
4 mm



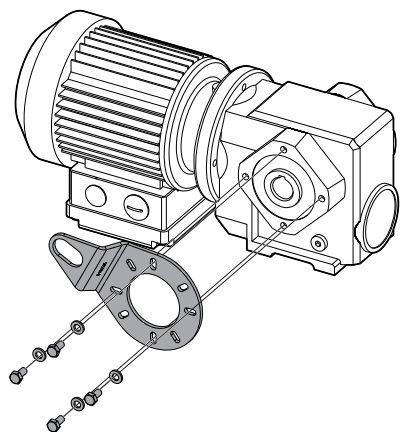
10 mm



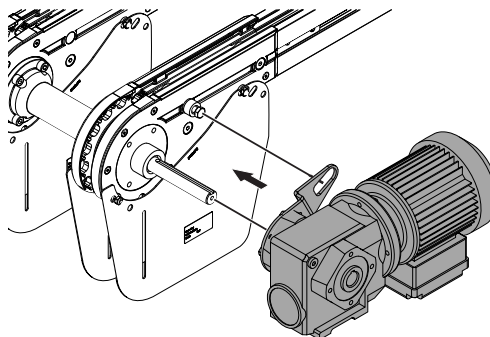
Snap ring pliers



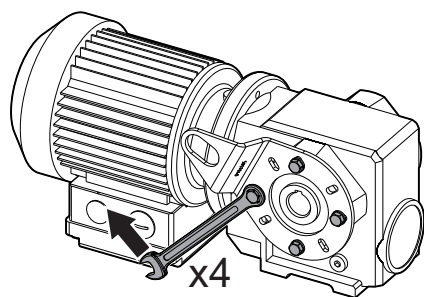
1



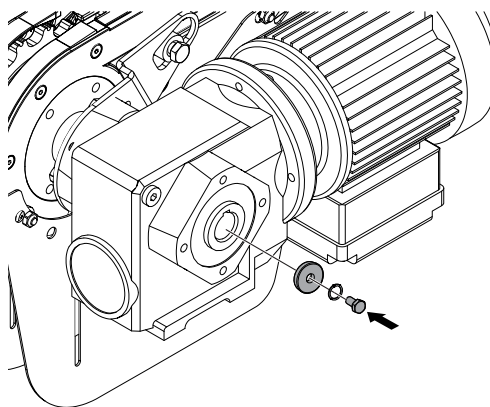
4



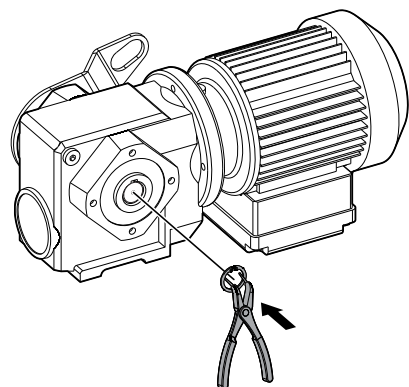
2



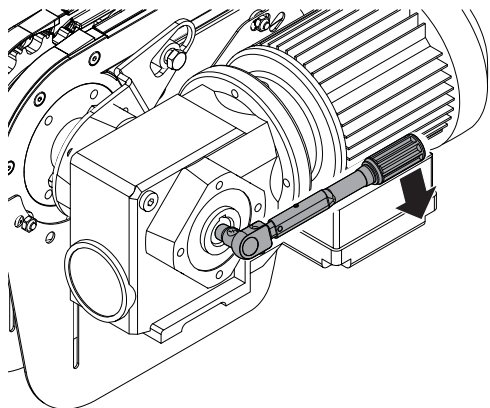
5



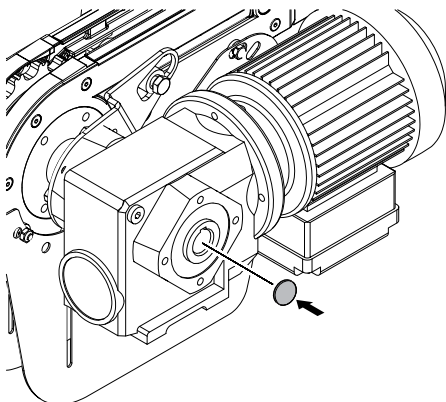
3



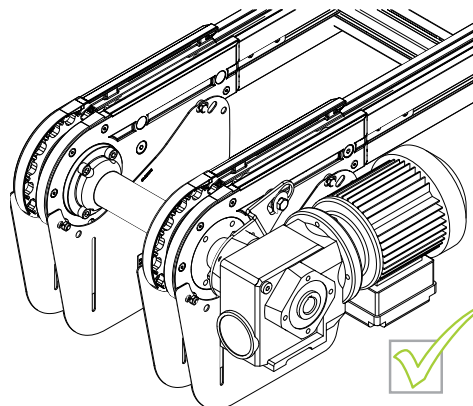
6



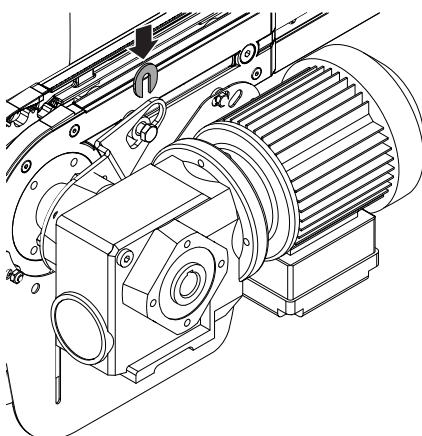
7



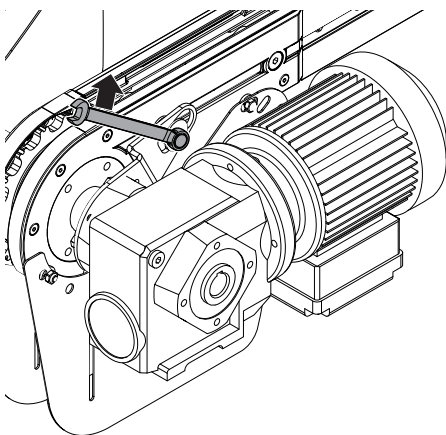
10



8



9



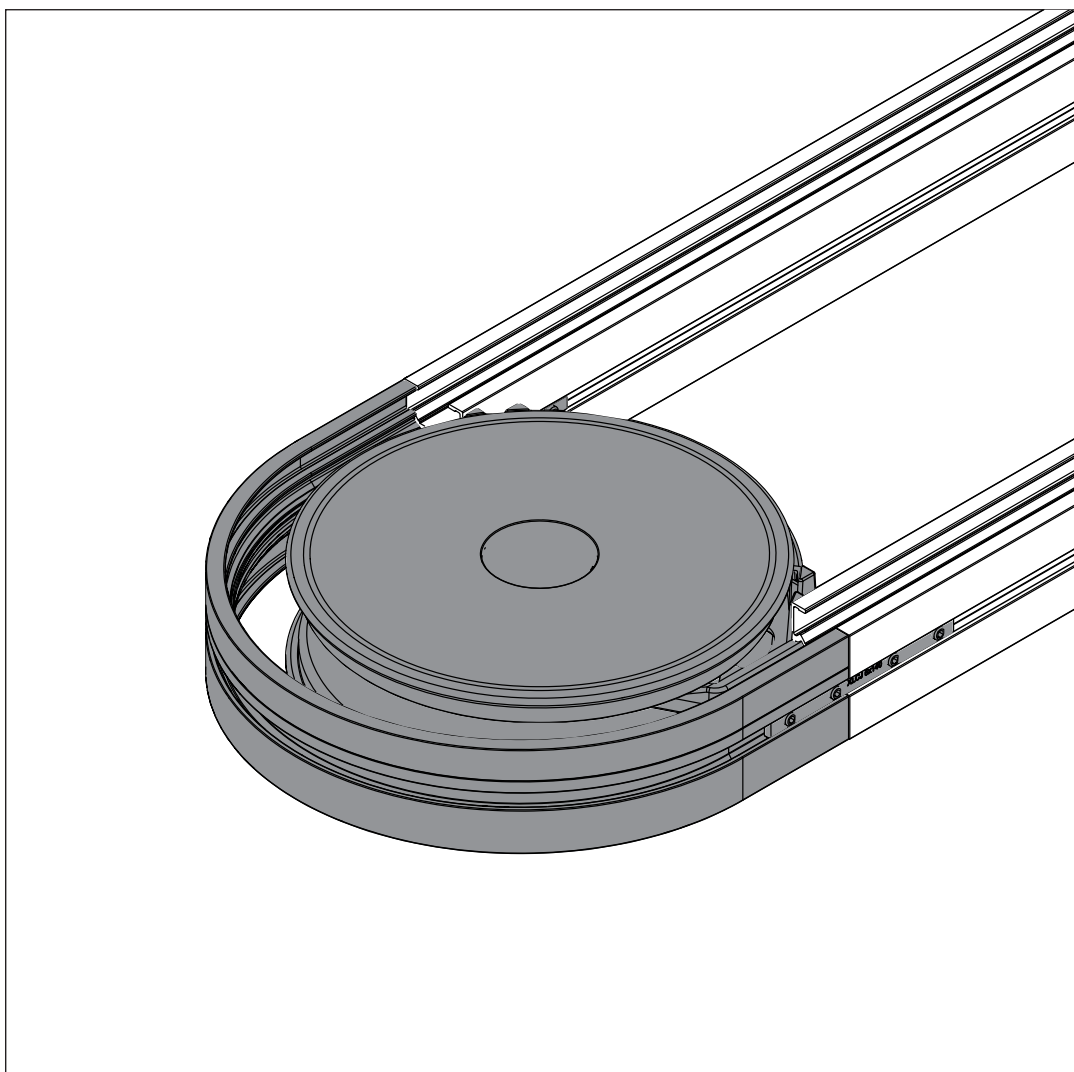




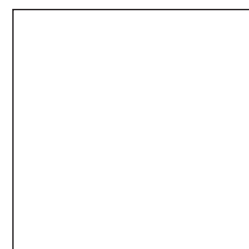
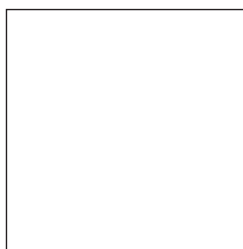
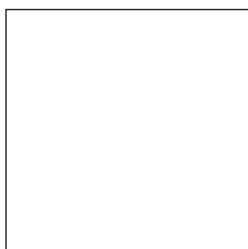
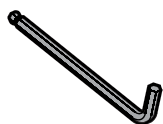


## 15 X45H Wheel bend

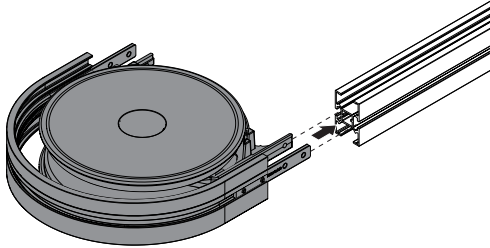
### 15.1 Wheel bend



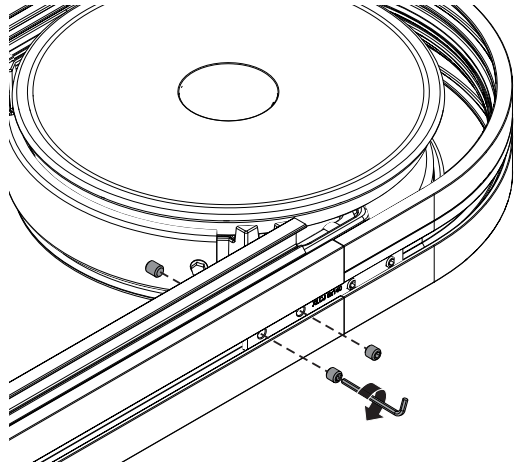
4 mm



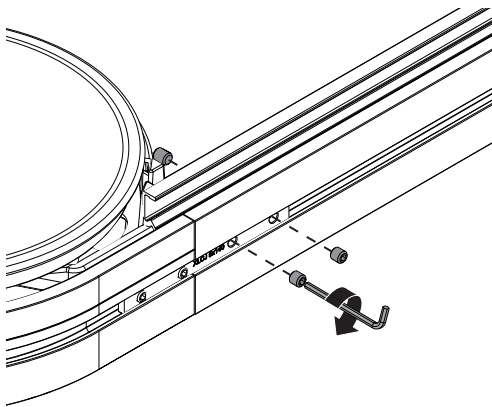
1



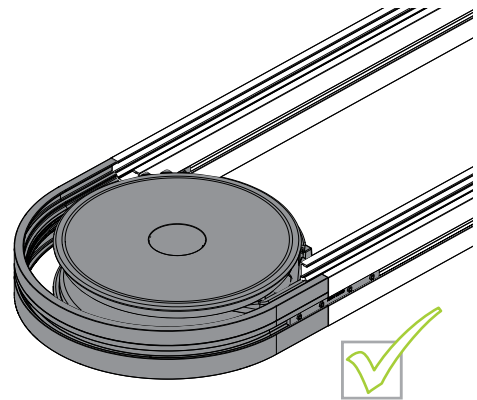
4



2



5



3

