COMPOSITY

STRUCURE AND STEPS ASSEMBLING INSTRUCTION

RINTAL

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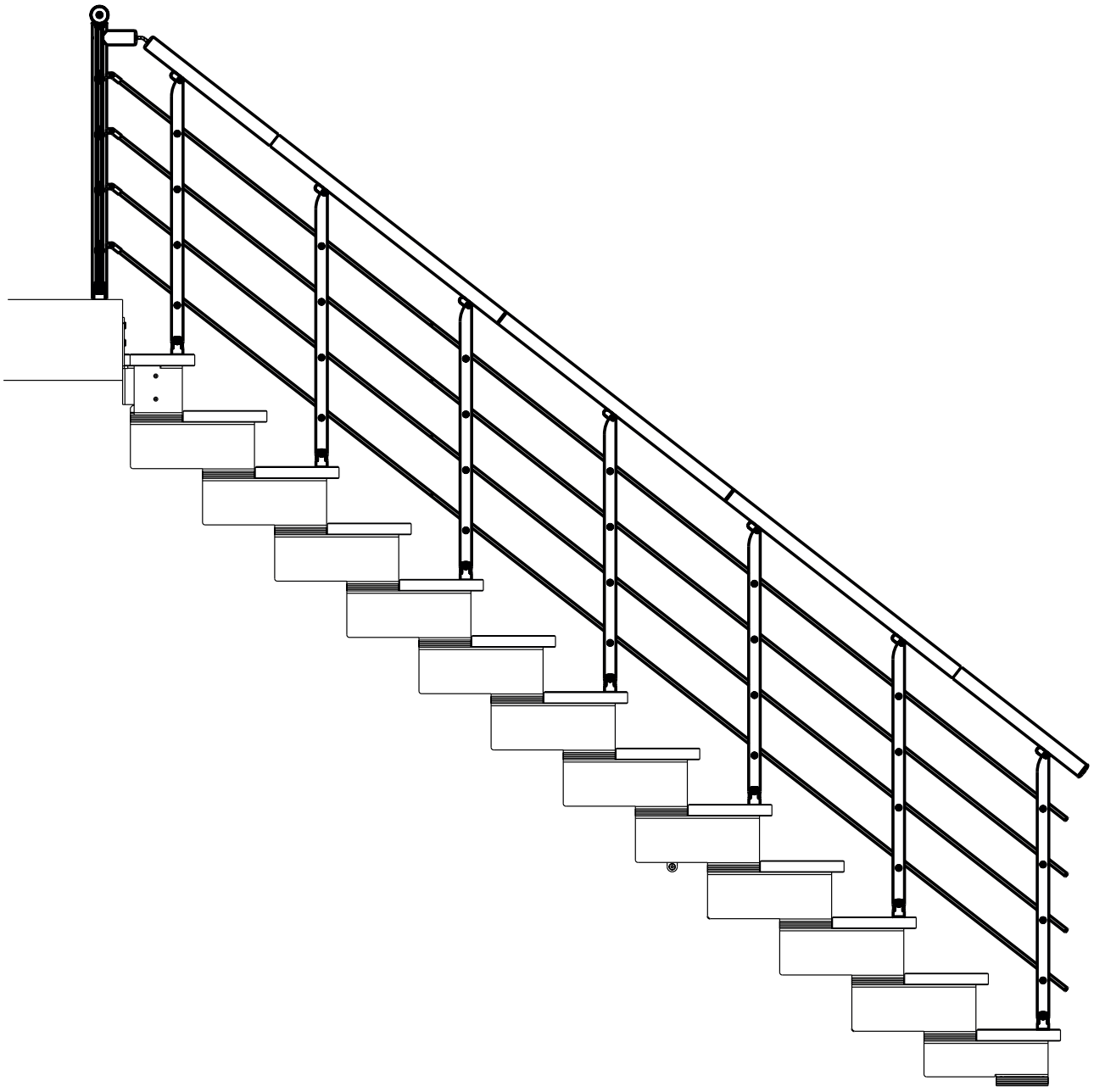
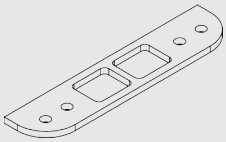
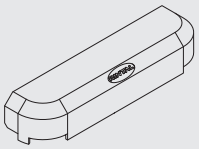
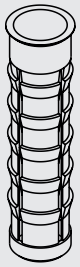
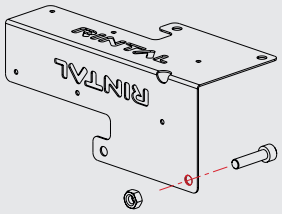
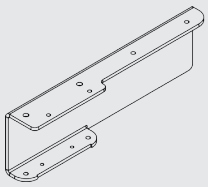
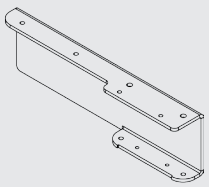
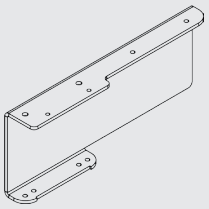
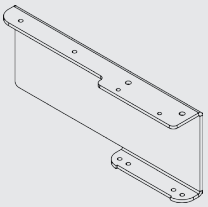
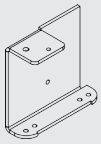
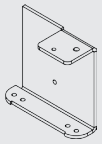
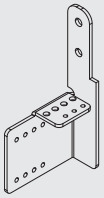
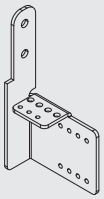
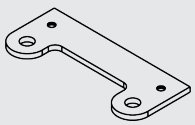
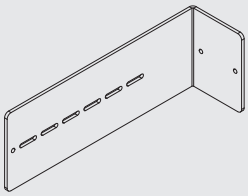
STRUCTURE



Components

Component	Code	Component	Code	Component	Code
	**PC00**		**PC01**		**PC02**
	PC03		**PC04**		**TN01** 14X70
	PL41		**DM01**		**ST01**
	**ST02**		**ST03**		**ST04**
	**ST05**		**ST06**		**ST07**
	**ST08**		**ST32**		**ST31**

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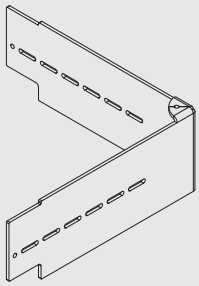
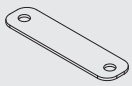
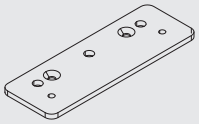
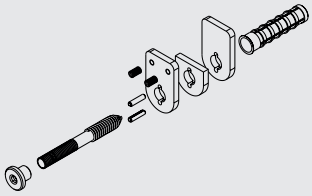
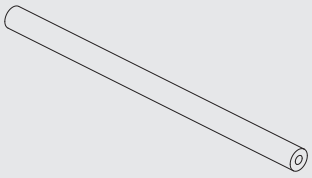
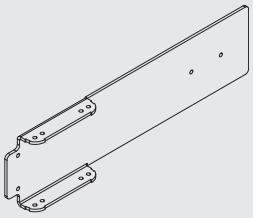
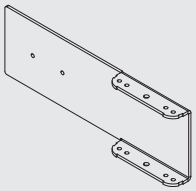
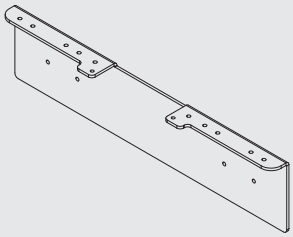
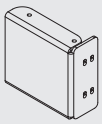
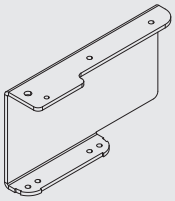
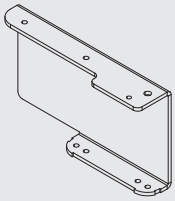
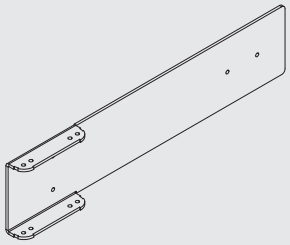
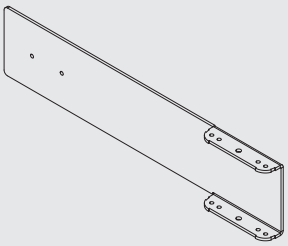
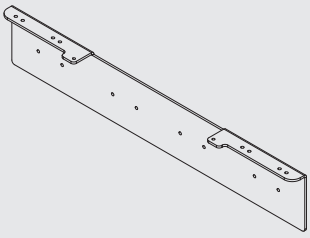
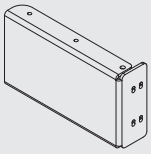
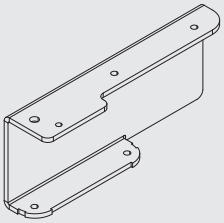
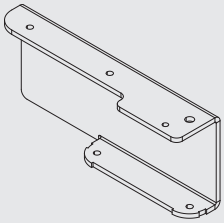
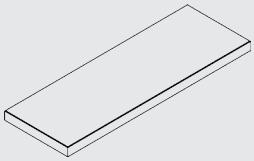
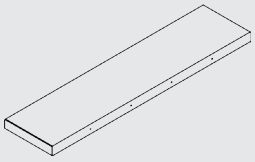
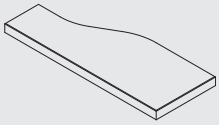
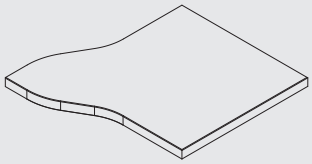
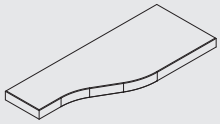
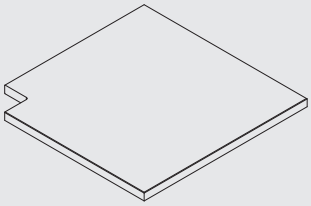
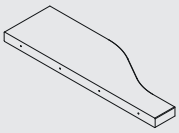
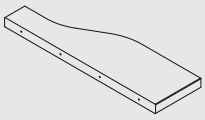
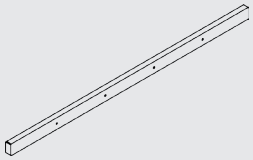
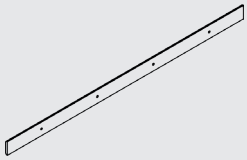
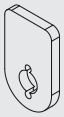
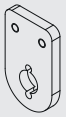
	**ST30**		**ST33**		**ST34**
	**FX01**		**FX02**		**ST09**
	**ST10**		**ST11**		**ST12**
	**ST13**		**ST14**		**ST15**
	**ST16**		**ST17**		**ST18**
	**ST19**		**ST20**		**GR01**

Component	Code	Component	Code	Component	Code
	**GR02**		**GR03**		**GR04**
	**GR05**		**GR06**		**GR07**
	**GR08**		**LS01**		**LS02**
	ST35		**ST36**		**ST37**

Screws

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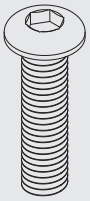
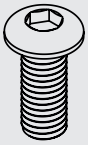
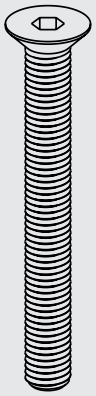
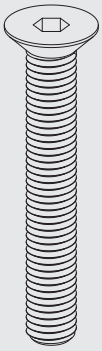
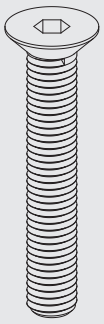
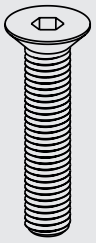
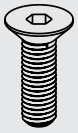
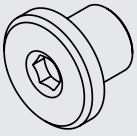
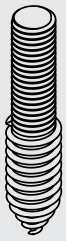
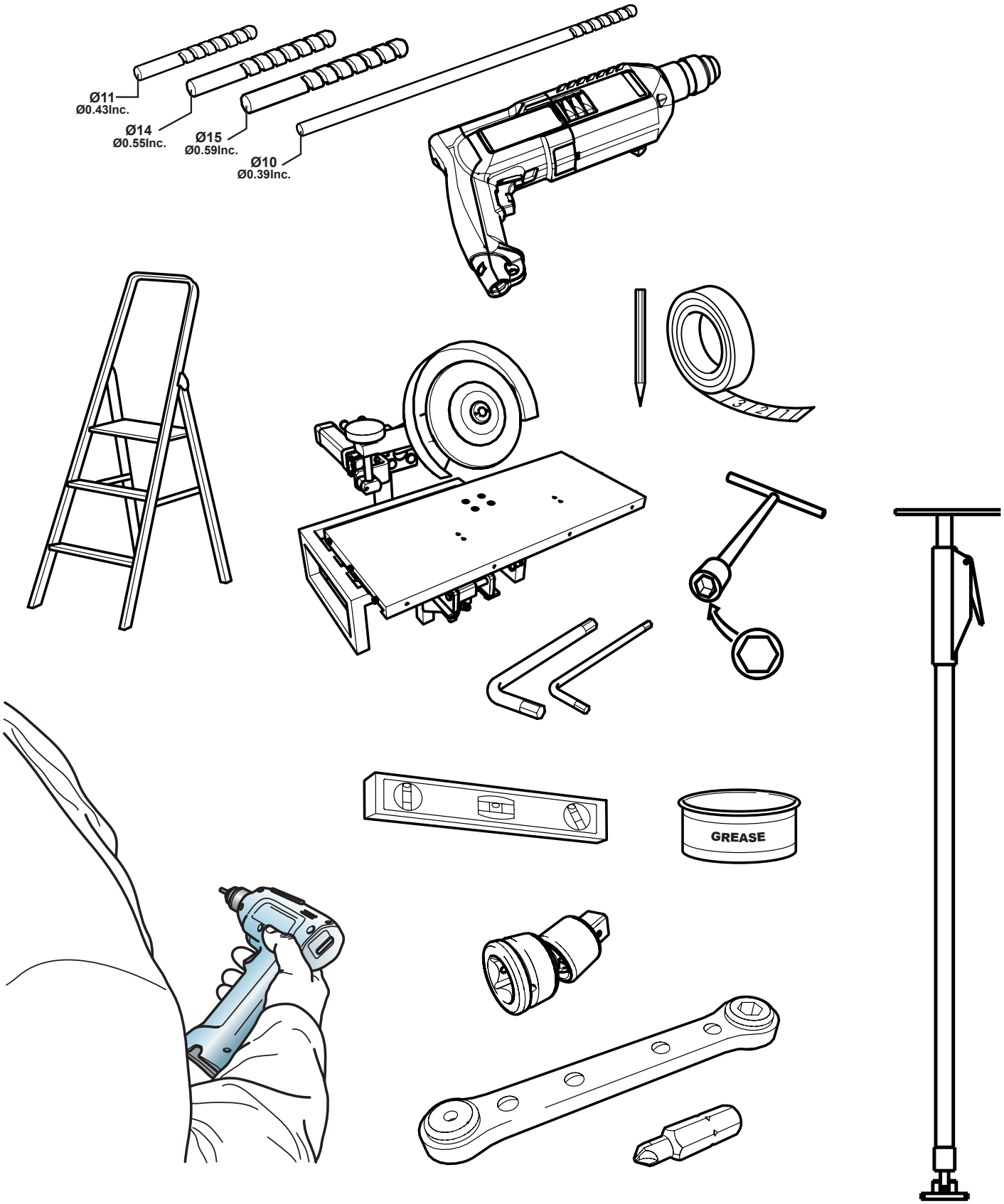
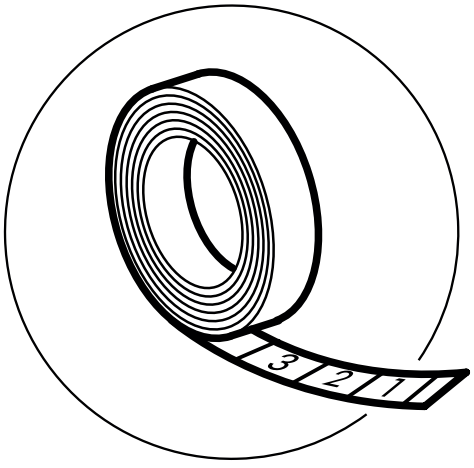
	BM01 M8X70		**BM02** M8X55		**BM03** M8X45		**BM04** M8X40		**BM16** M8X30
	**BM05** M8X20		**BM06** M8X70		**BM07** M8X55		**BM13** M8X50		**BM08** M8X40
	**BM09** M8X20		**BM30** M8		**BM32** M8		**BM33** M0x16		**BM34** 8x16x1.6
	BM40 M5x6		**UN01** 4x18		**BL01** 6X40		**BL02** 6X60		**BL11** 10X60
	BL10 10X100								

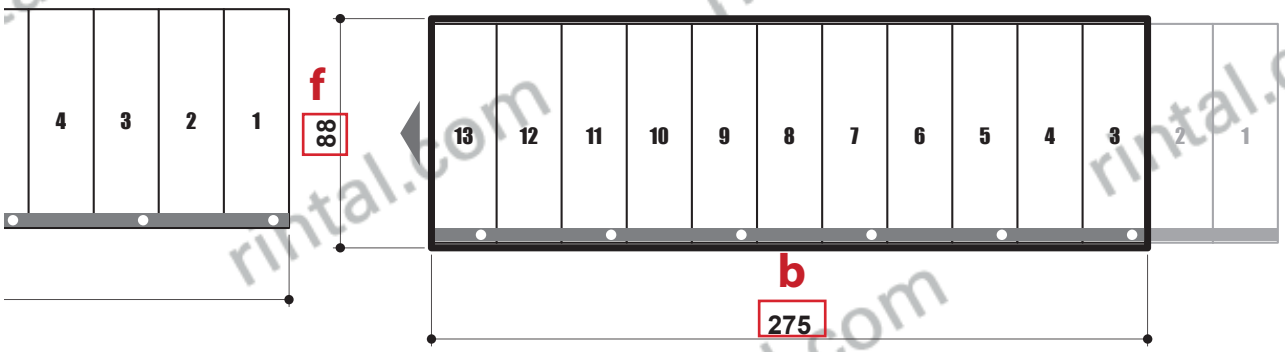
Tools



1.1

CHECK THE MEASURES





file _____ customer _____

order _____ vendor _____ dat

room data

e slab thickness **30 cm**

total rise **300 cm** HT

clearance **207 cm**

verified on **3° step**

stair data

landing type **below floor**

steps **13**

rise **21.4 cm**

going **25.0 cm**

flights width **84 cm**

options

railing type **Minimal**

Project v5.1.22, 0

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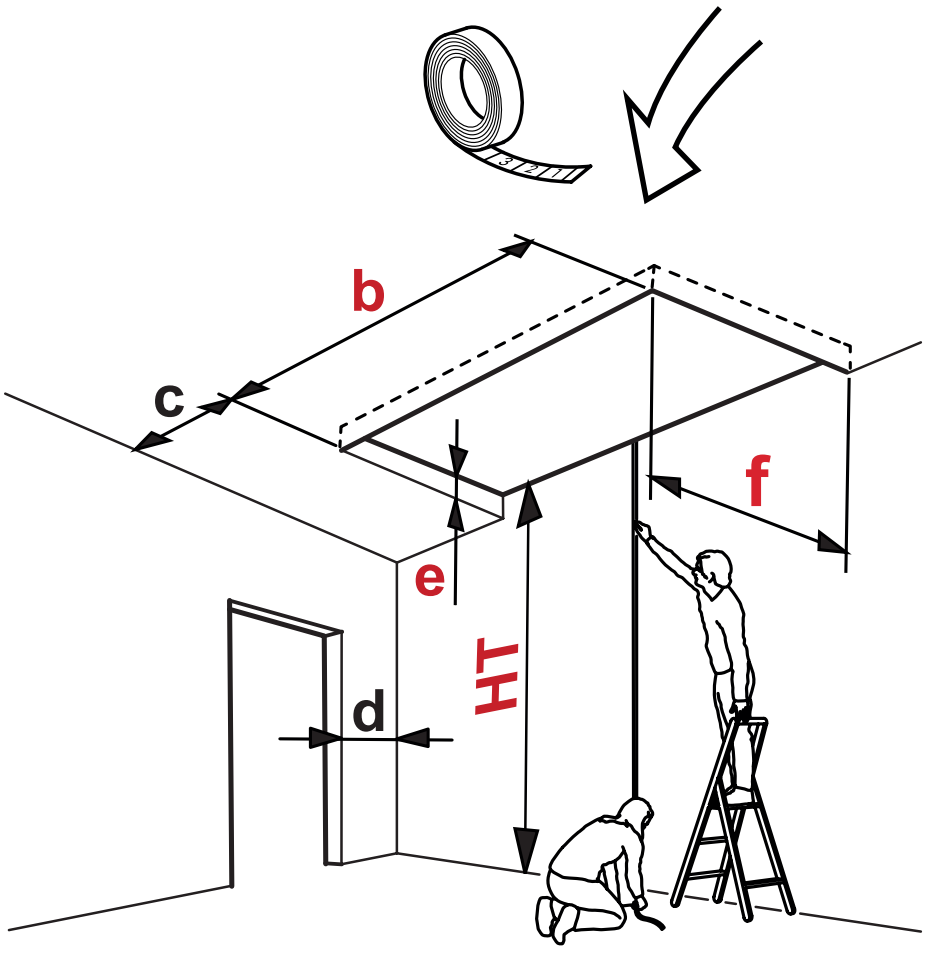
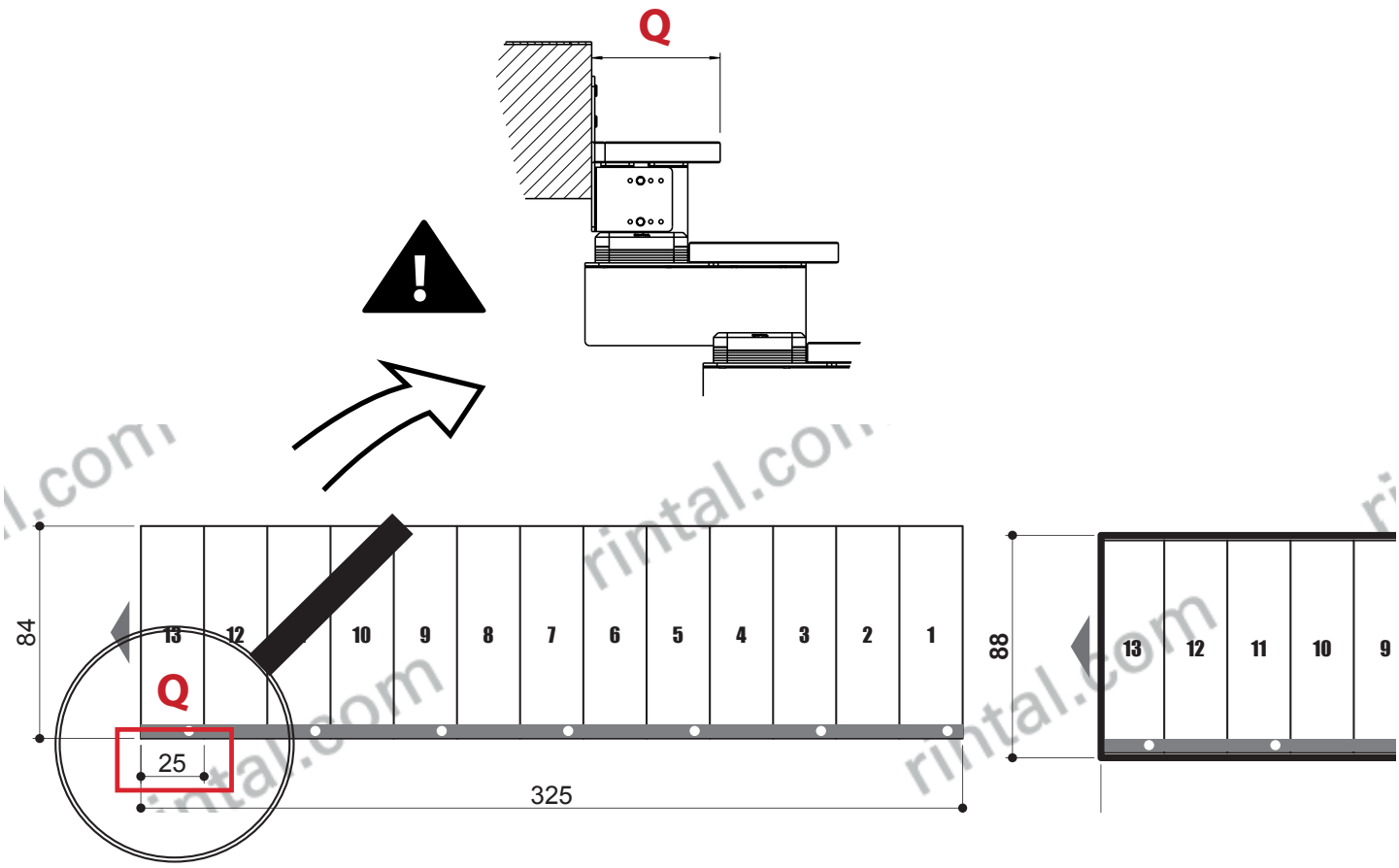




customer _____ *(signature for acceptanc*

vendor _____ date **14-Jun-2016**

room data

ness **30 cm**
l rise **300 cm**

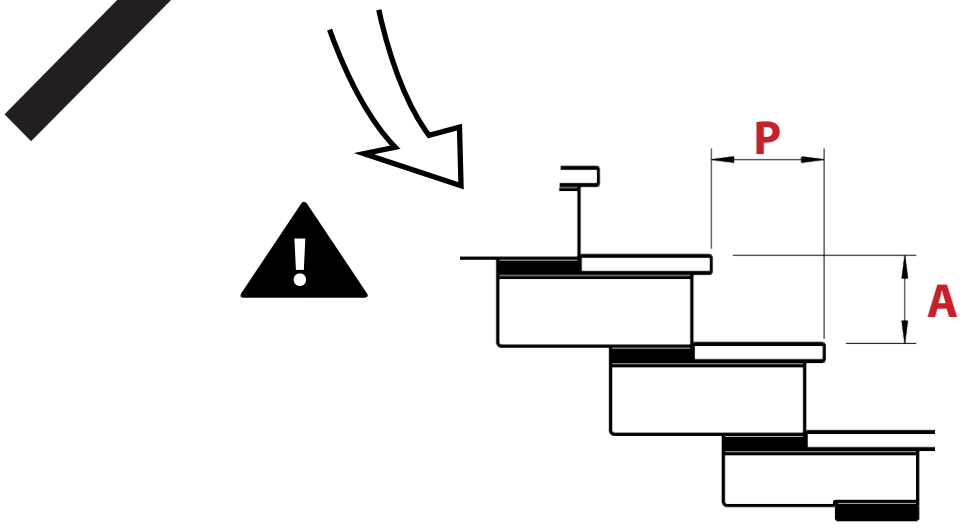
ance **207 cm**
ed on **3° step**

stair data

landing type **below floor**
A steps **13**
P rise **21.4 cm**
going **25.0 cm**
flights width **84 cm**

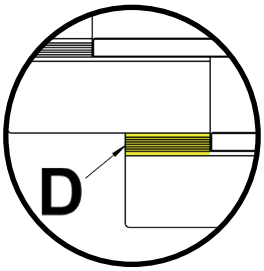
options

railing type **Minimal 4 tubes**



2.1

PRE ASSEMBLY

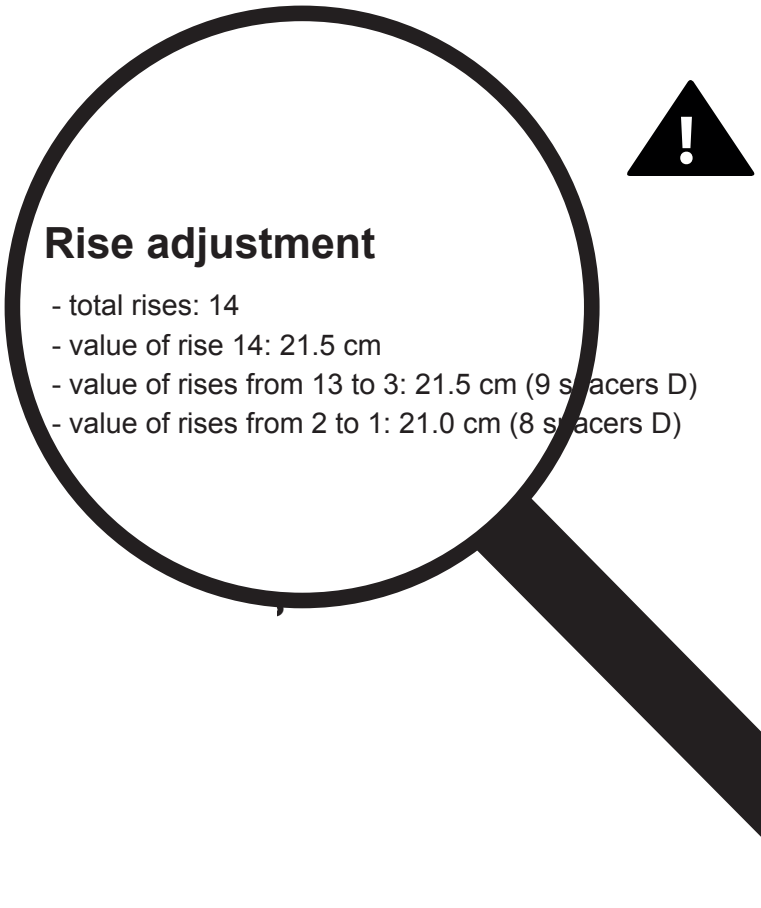


RINTAL **model** **Composity** Quality System Standard UNI EN ISO 9001

vendor _____
customer _____
file _____
order _____

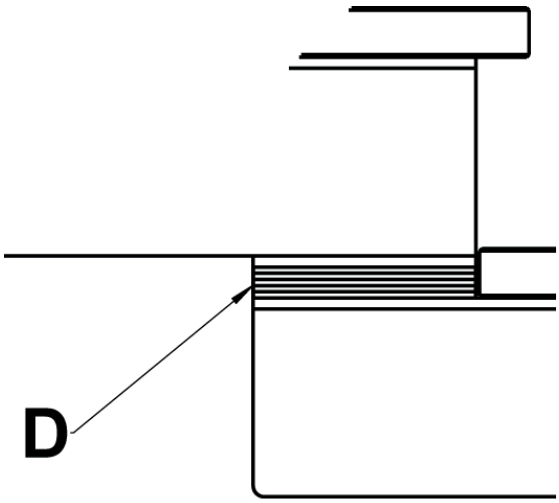
THE CLIENT _____
(signature for acceptance and stamp required in case of a company)
date **14-Jun-2016 10:59:14**

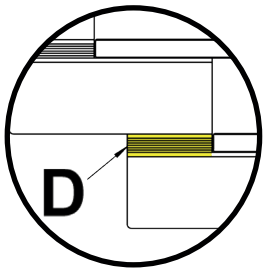
Technical notes



Rise adjustment

- total rises: 14
- value of rise 14: 21.5 cm
- value of rises from 13 to 3: 21.5 cm (9 spacers D)
- value of rises from 2 to 1: 21.0 cm (8 spacers D)

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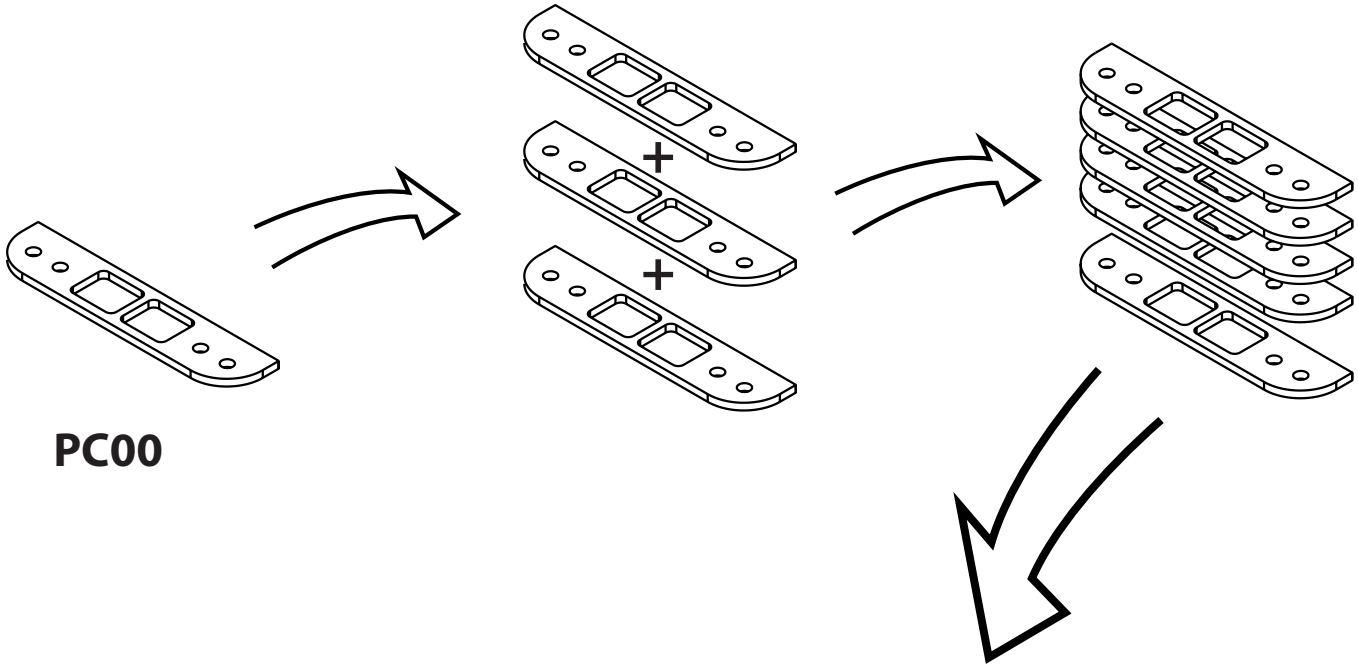
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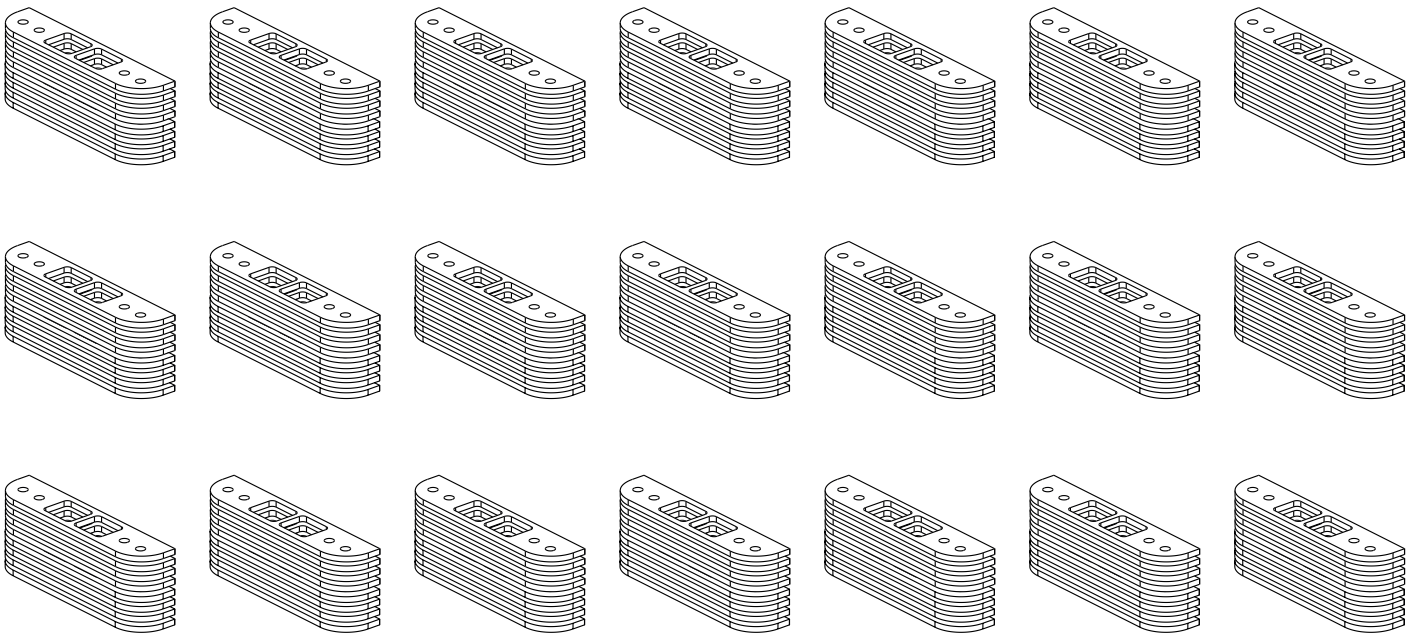
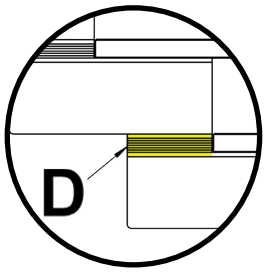
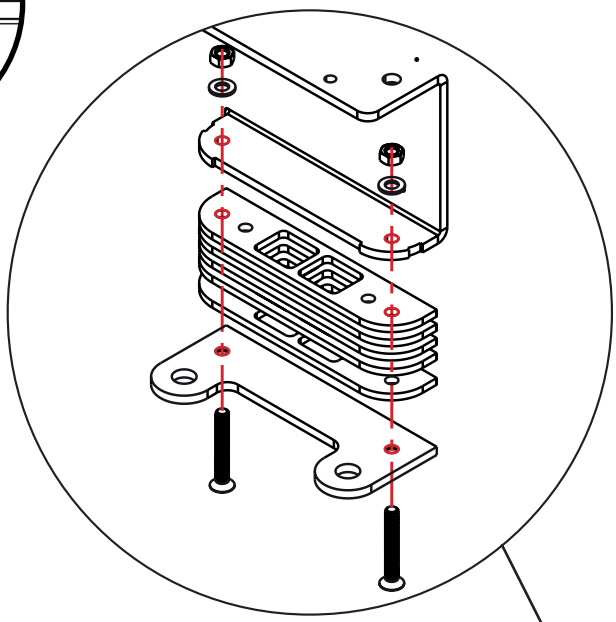
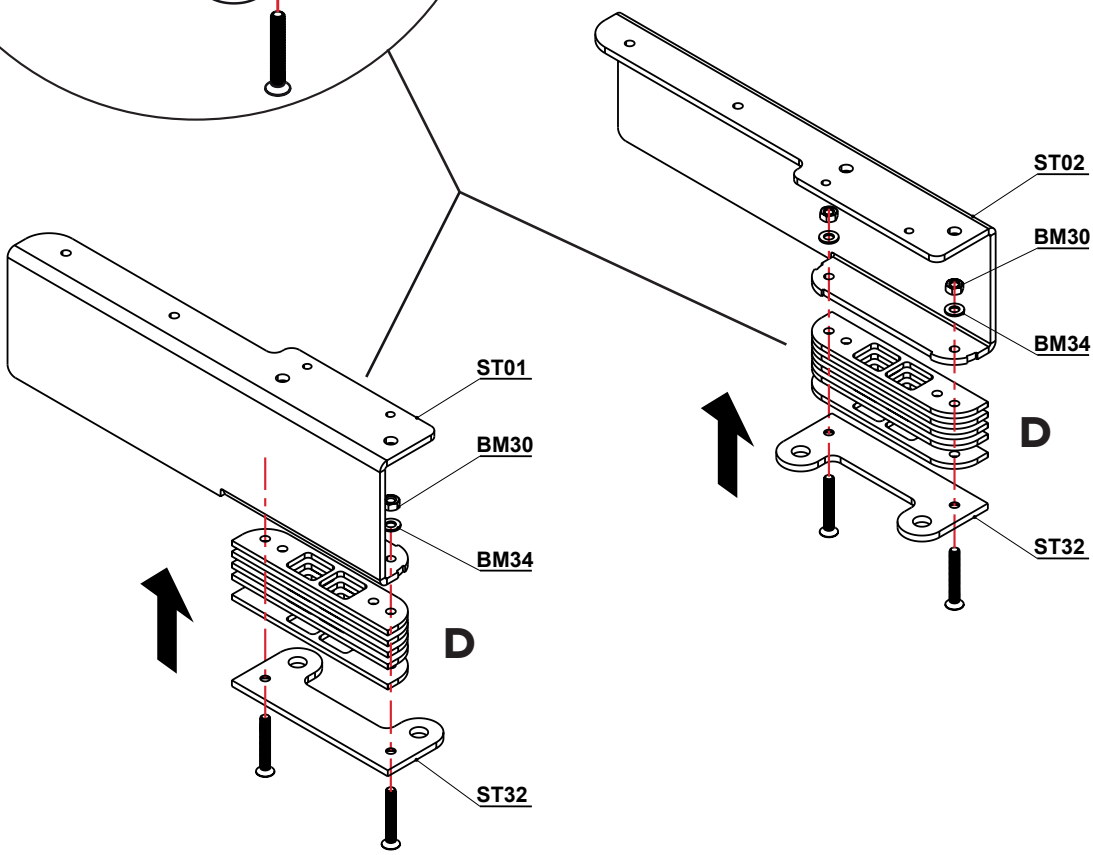
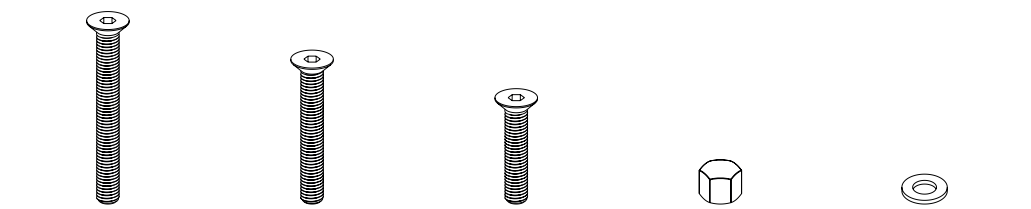




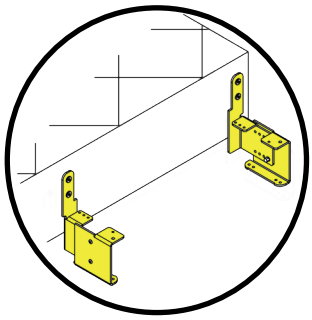


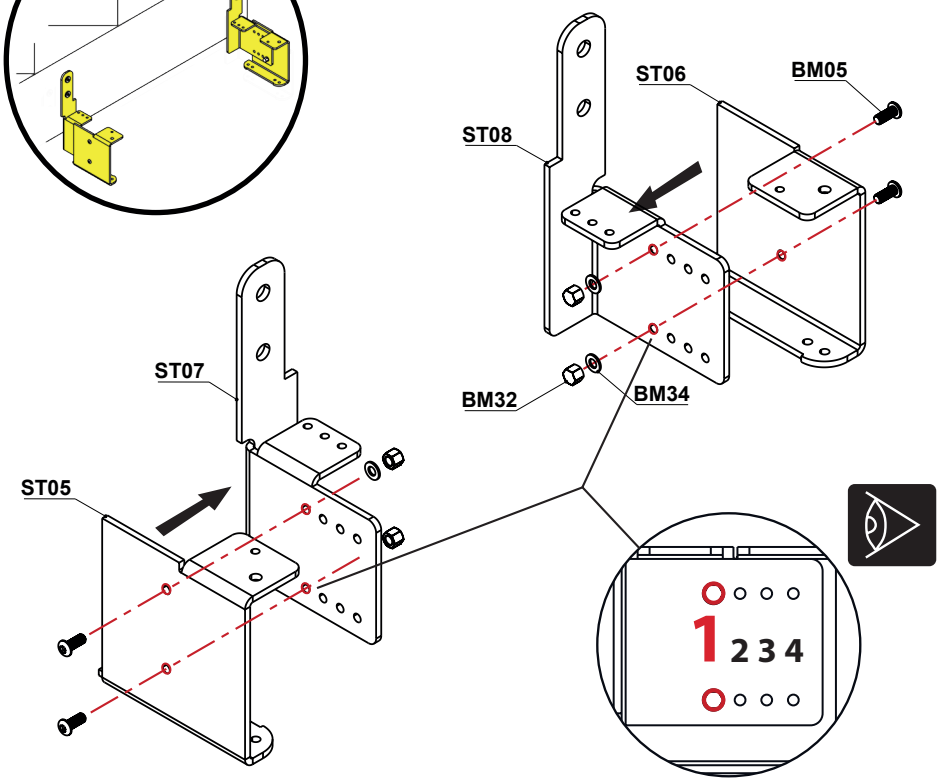
D	
1 ÷ 4	BM08 M8X40
4 ÷ 7	BM07 M8X55
7 ÷ 10	BM06 M8X70

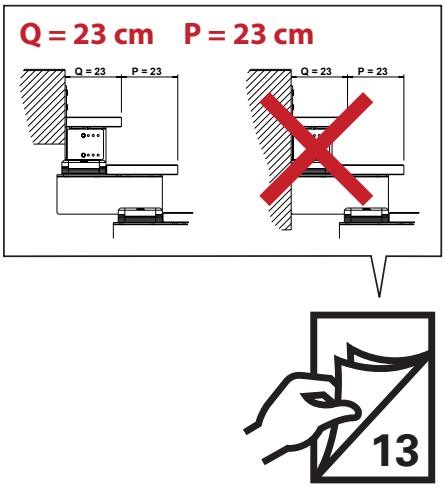


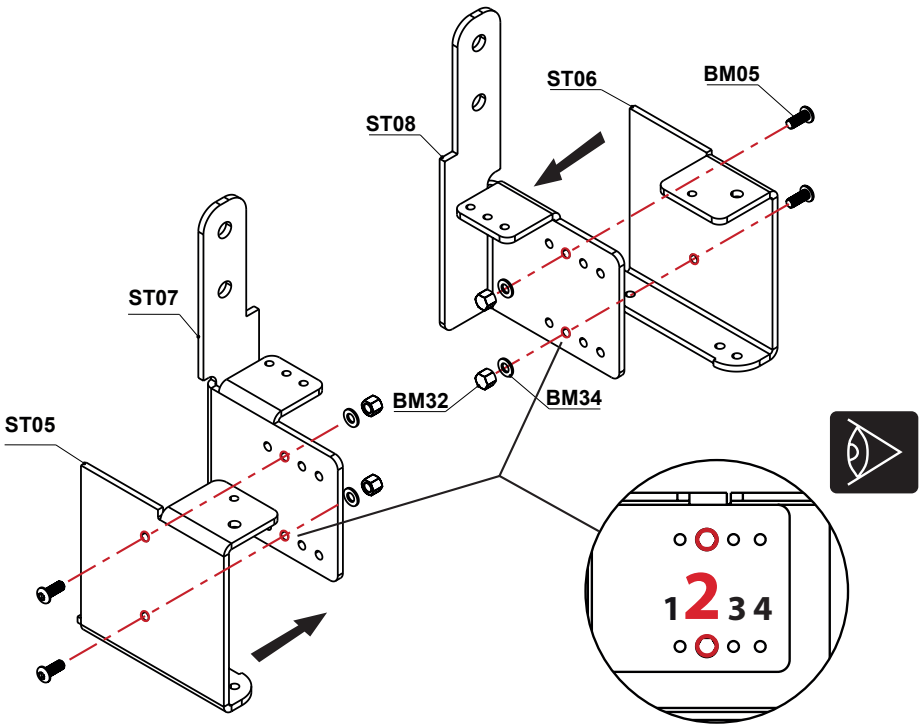


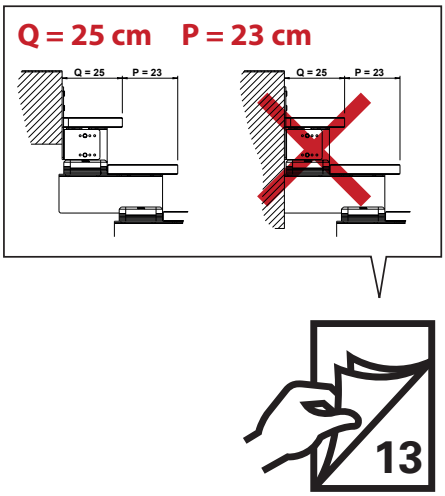
BM 06	BM 07	BM 08	BM 032	BM 34



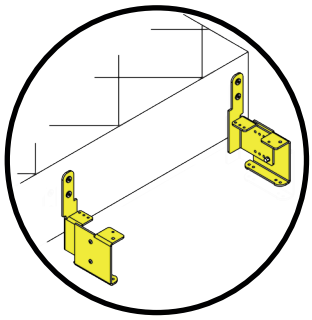


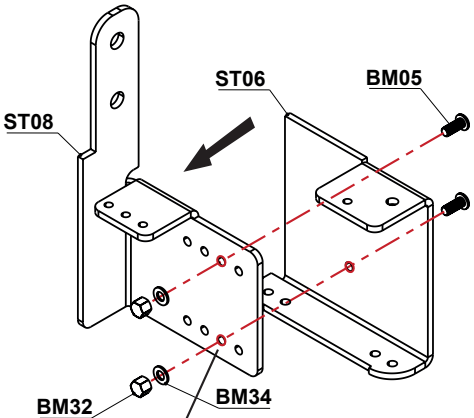


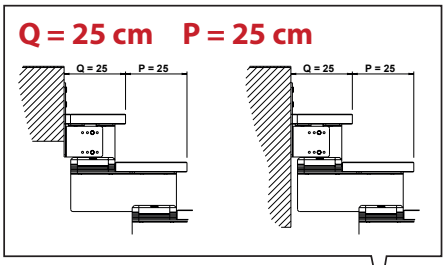


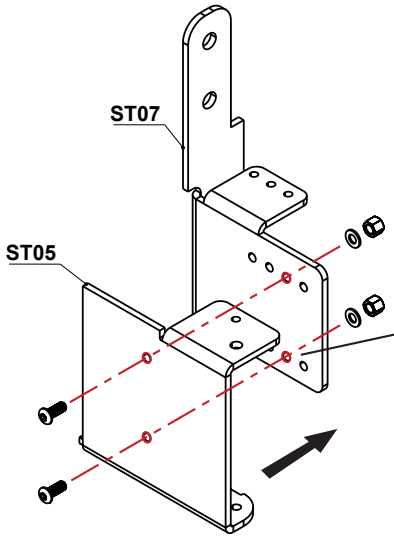


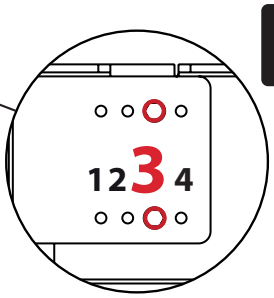
BM 05	BM 032	BM 34

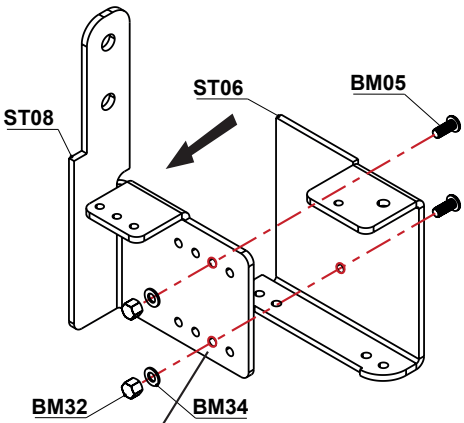


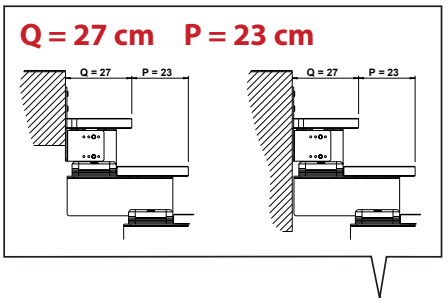


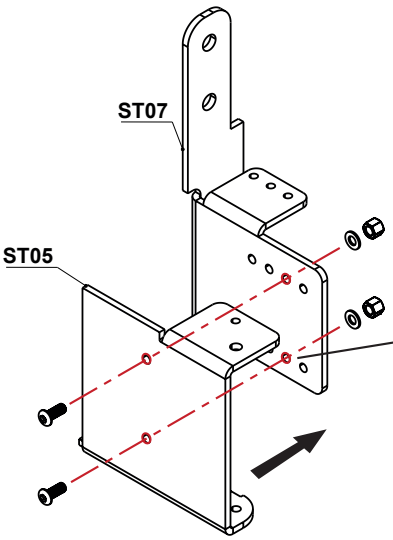


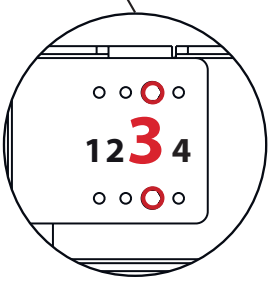


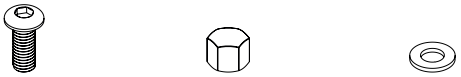




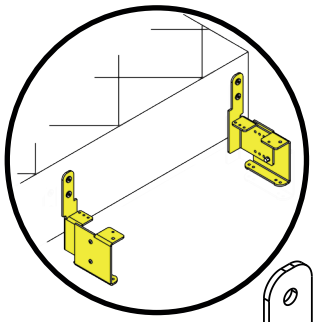


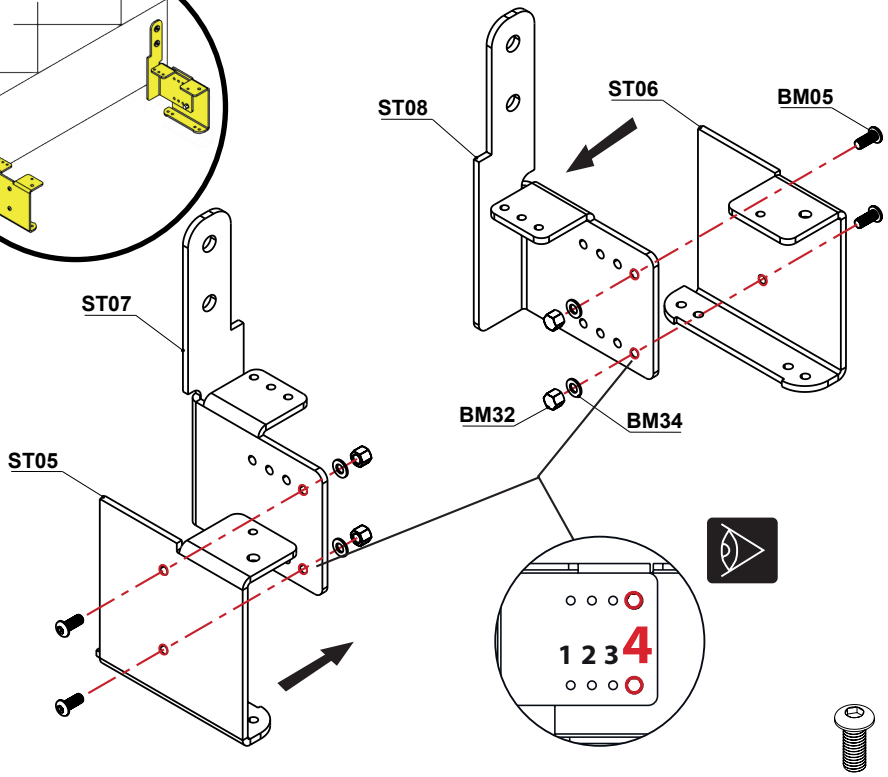


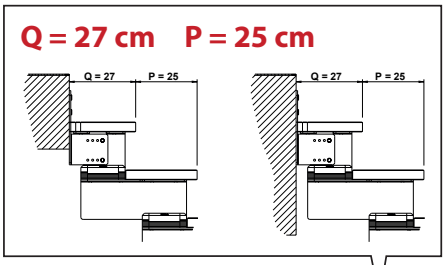


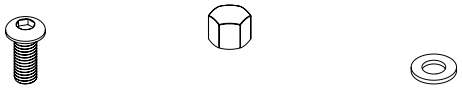


BM 05	BM 032	BM 34

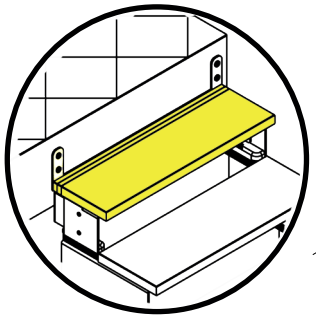


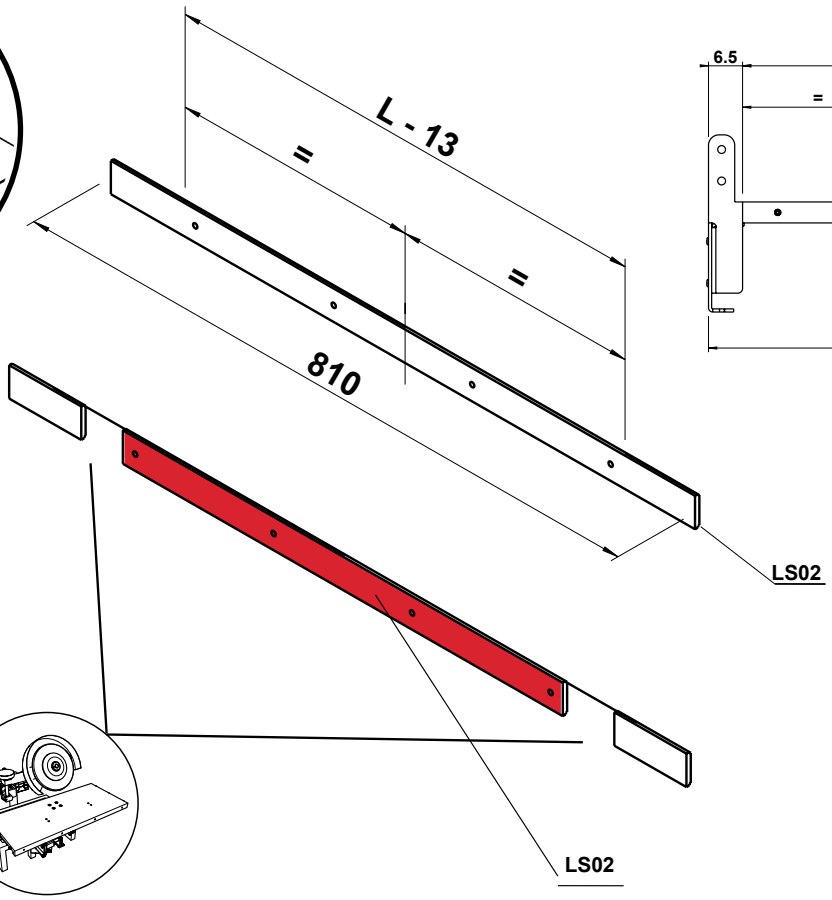


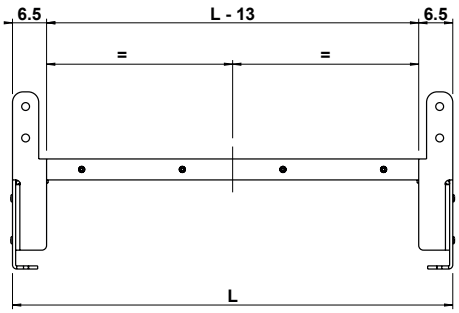


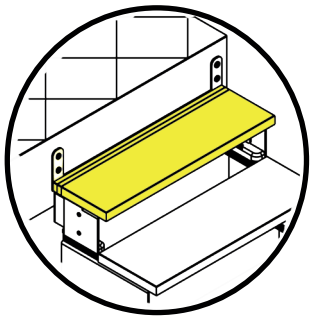


BM 05	BM 032	BM 34

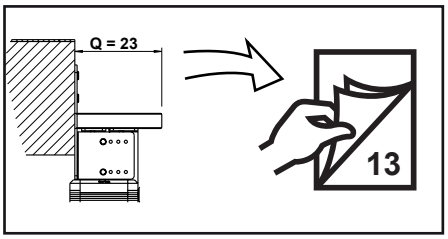


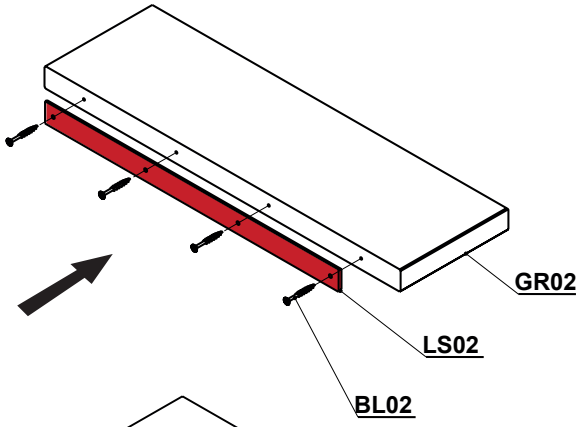




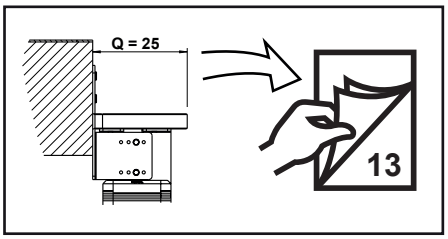


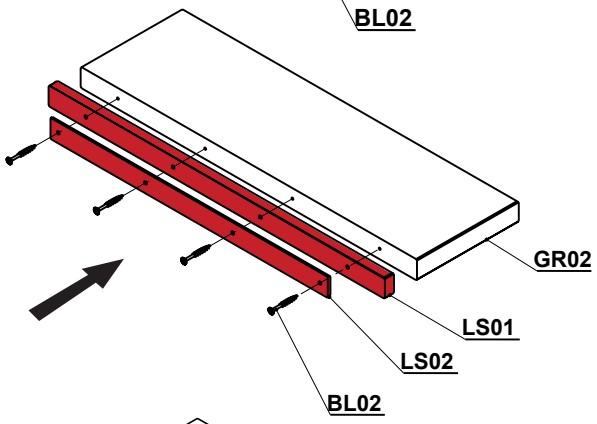
Q = 23 cm



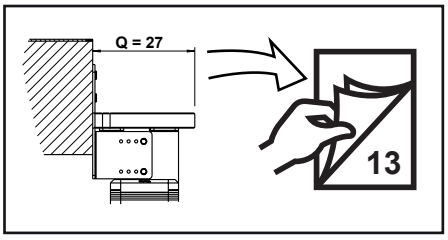


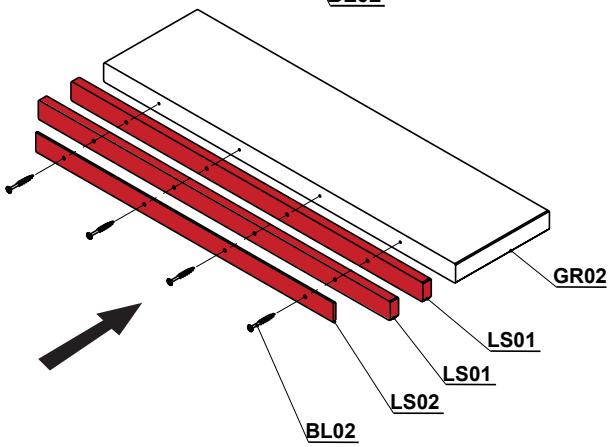
Q = 25 cm

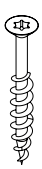




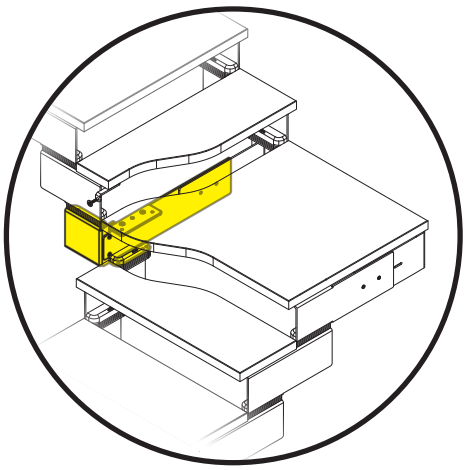
Q = 27 cm

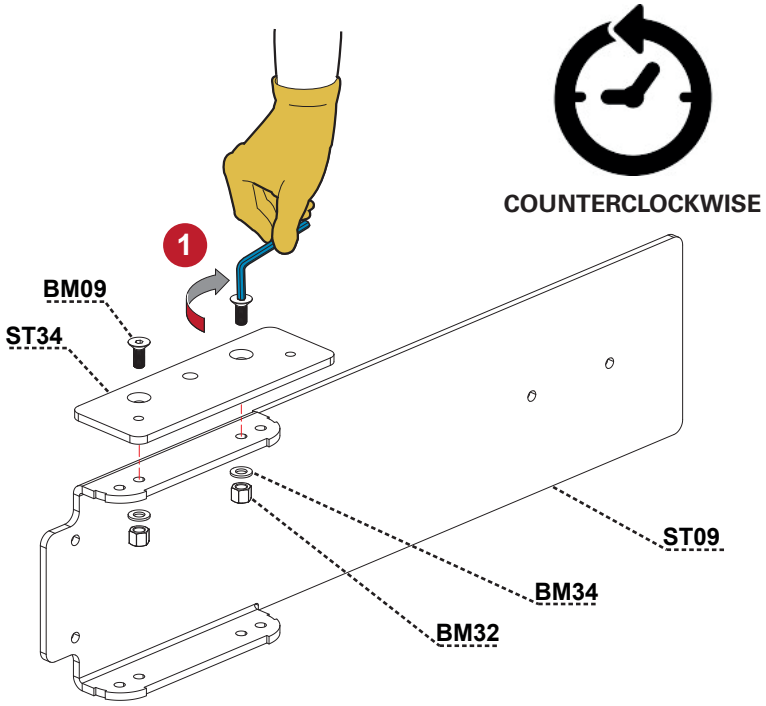


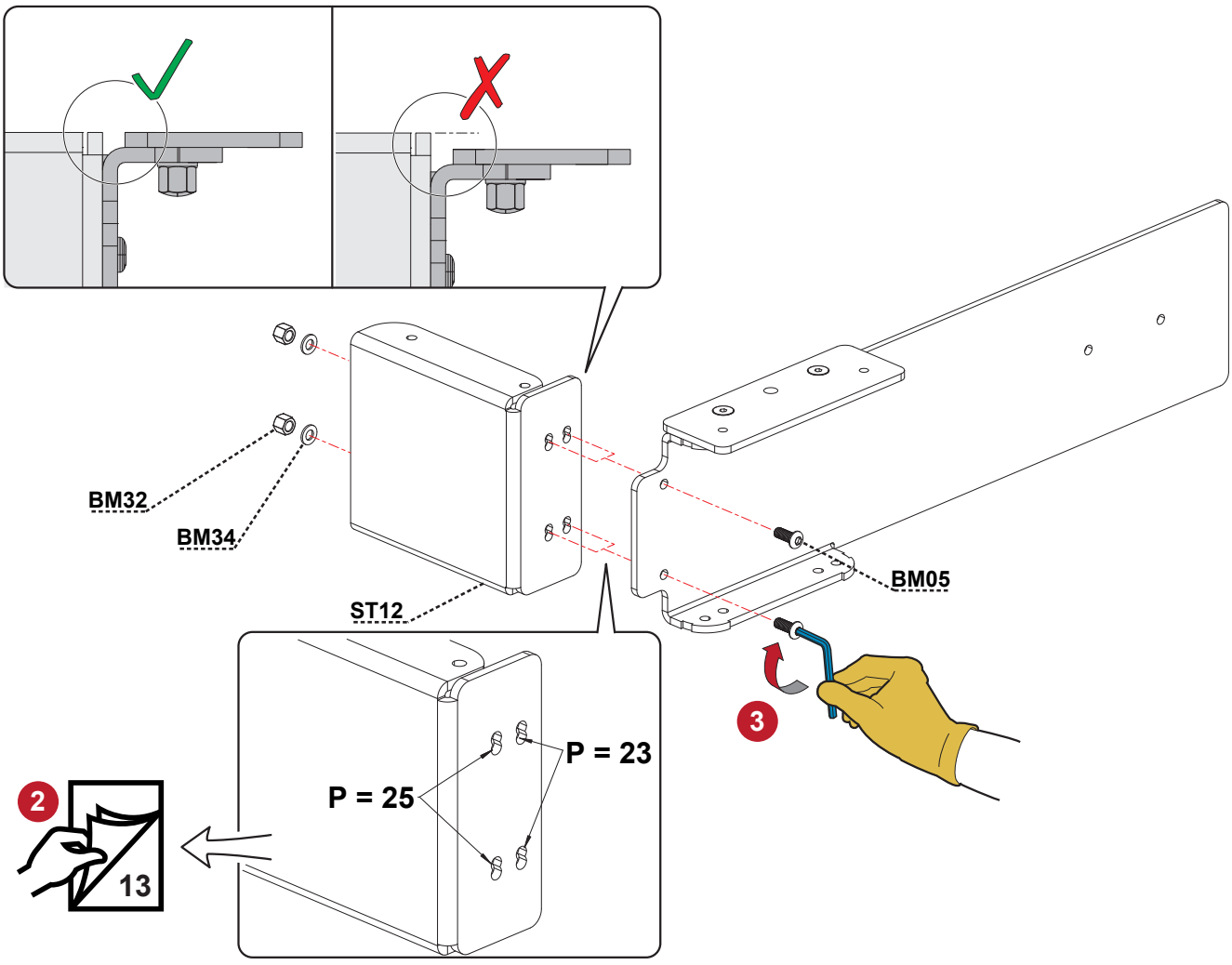


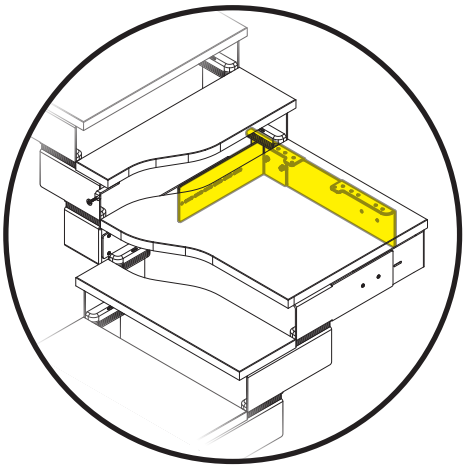


BL 02

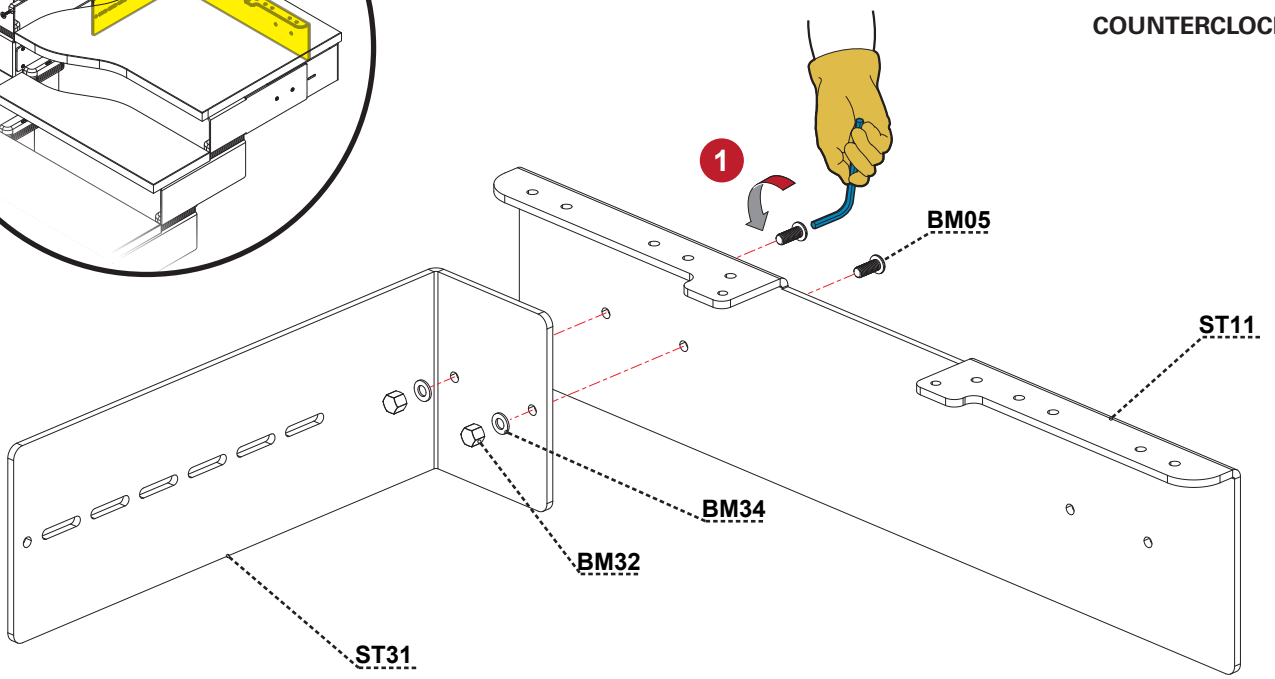


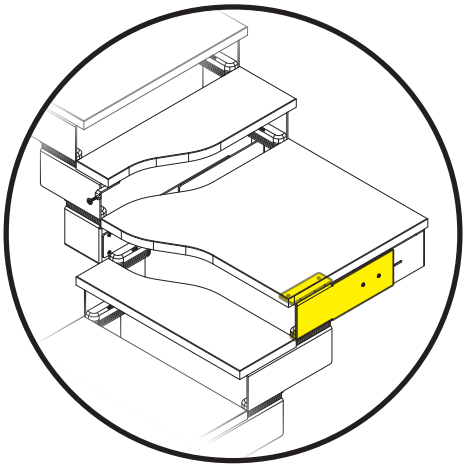

COUNTERCLOCKWISE
1
BM09
ST34
ST09
BM34
BM32


BM32
BM34
ST12
BM05
3
P = 23
P = 25
2
13

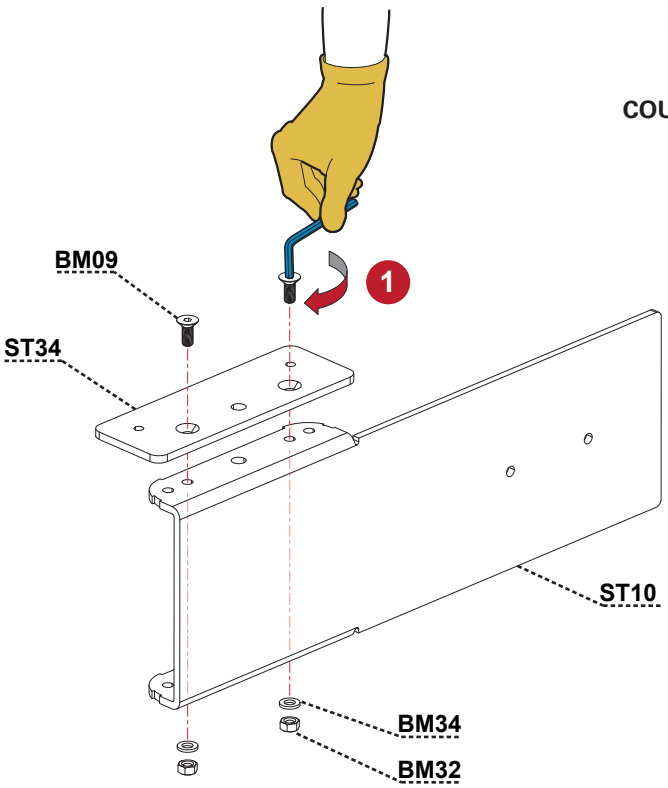


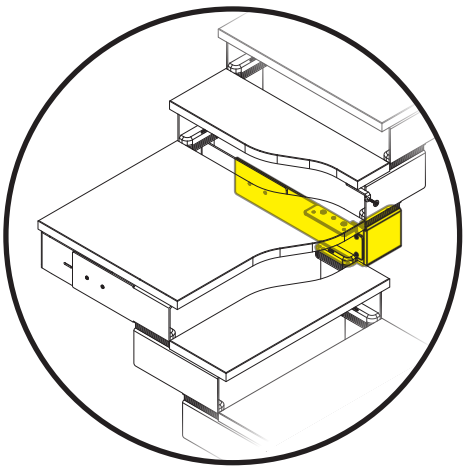
COUNTERCLOCKWISE

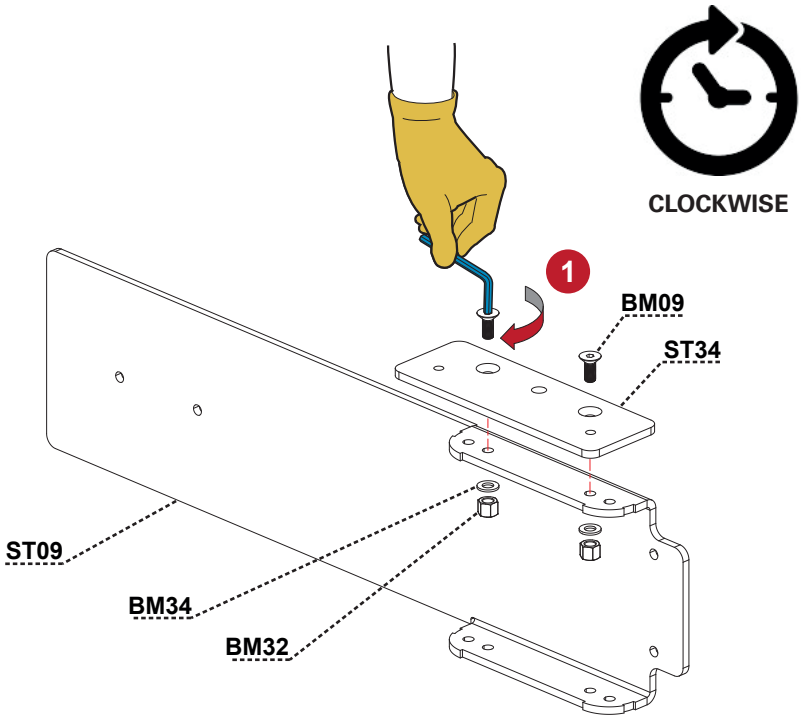




COUNTERCLOCKWISE






CLOCKWISE
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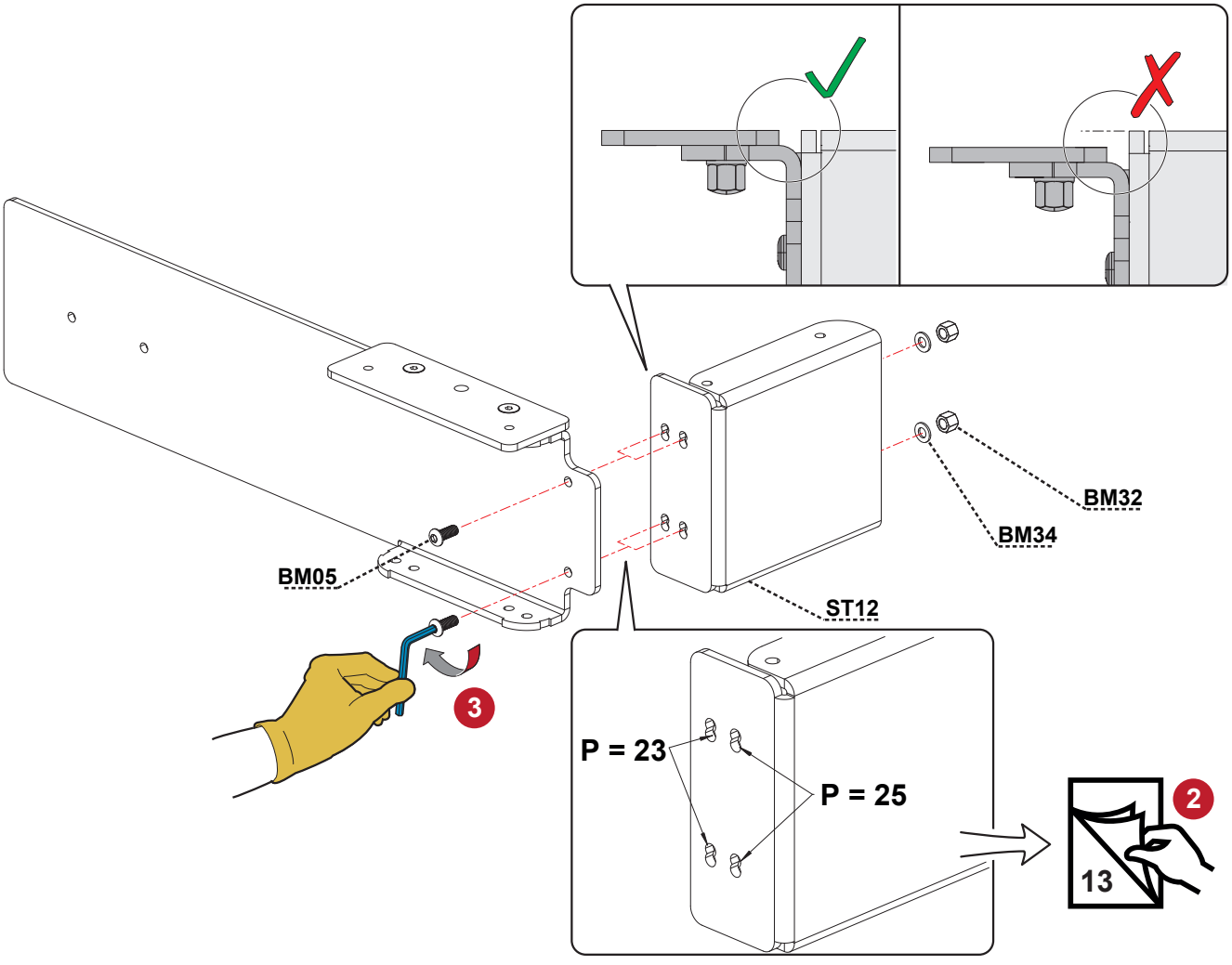
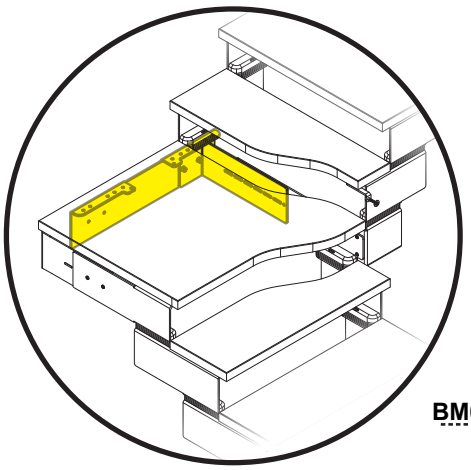
BM09
ST34
ST09
BM34
BM32


BM32
BM34
BM05
ST12
3
P = 23
P = 25
2
13



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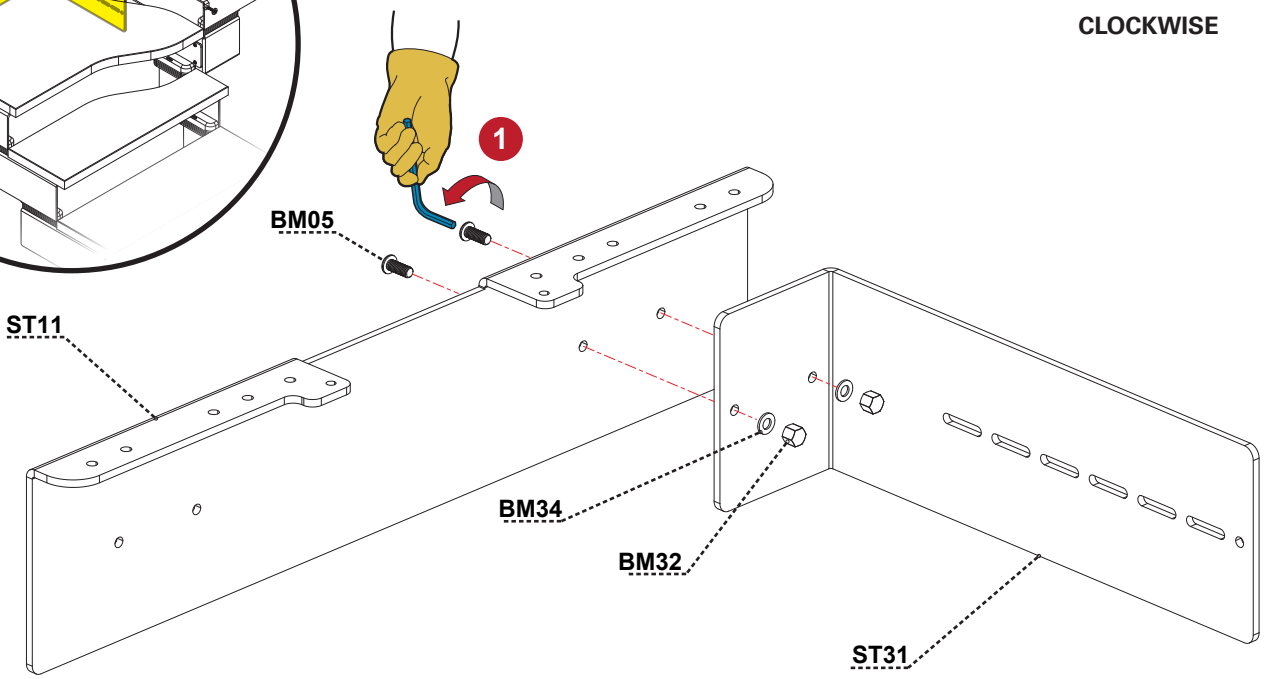

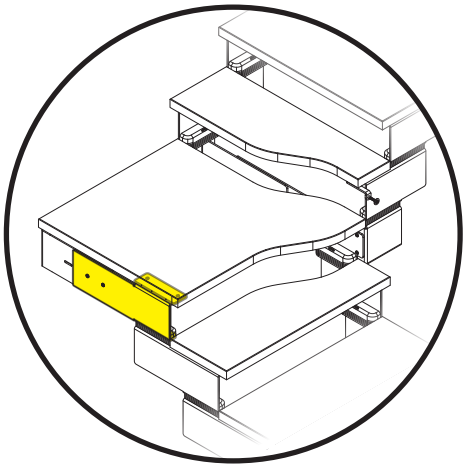

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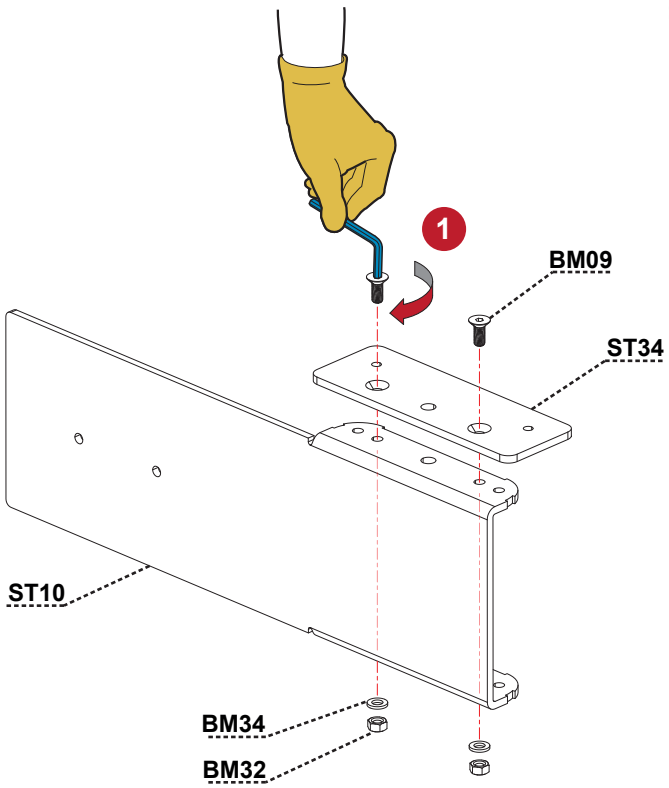
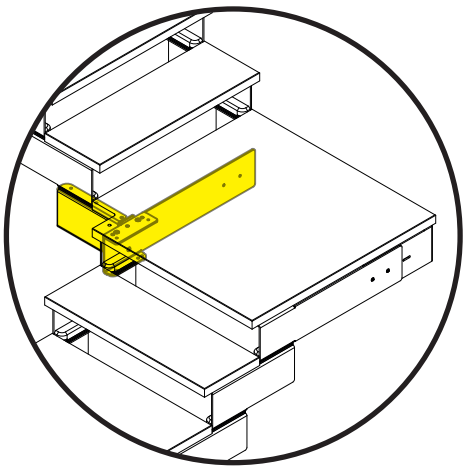
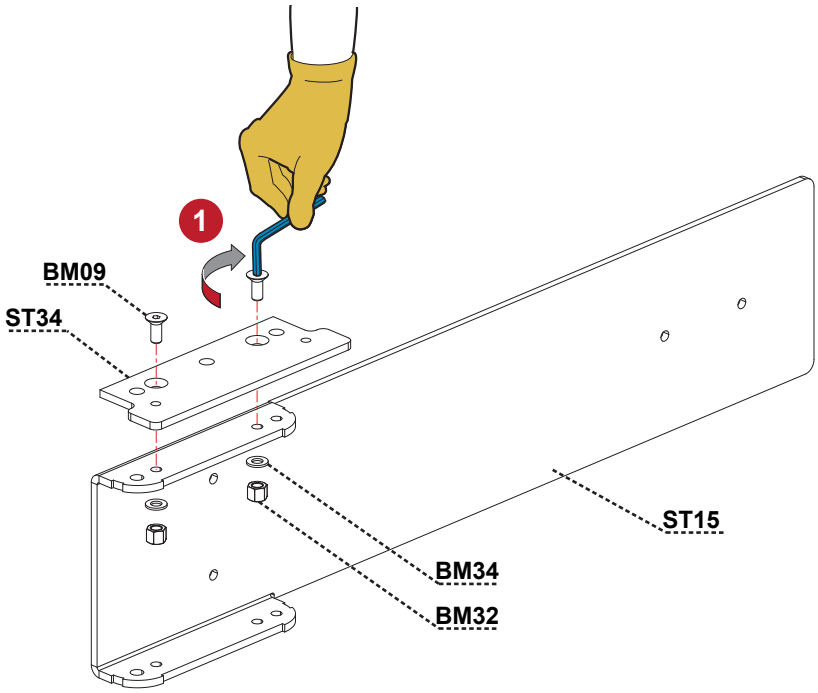
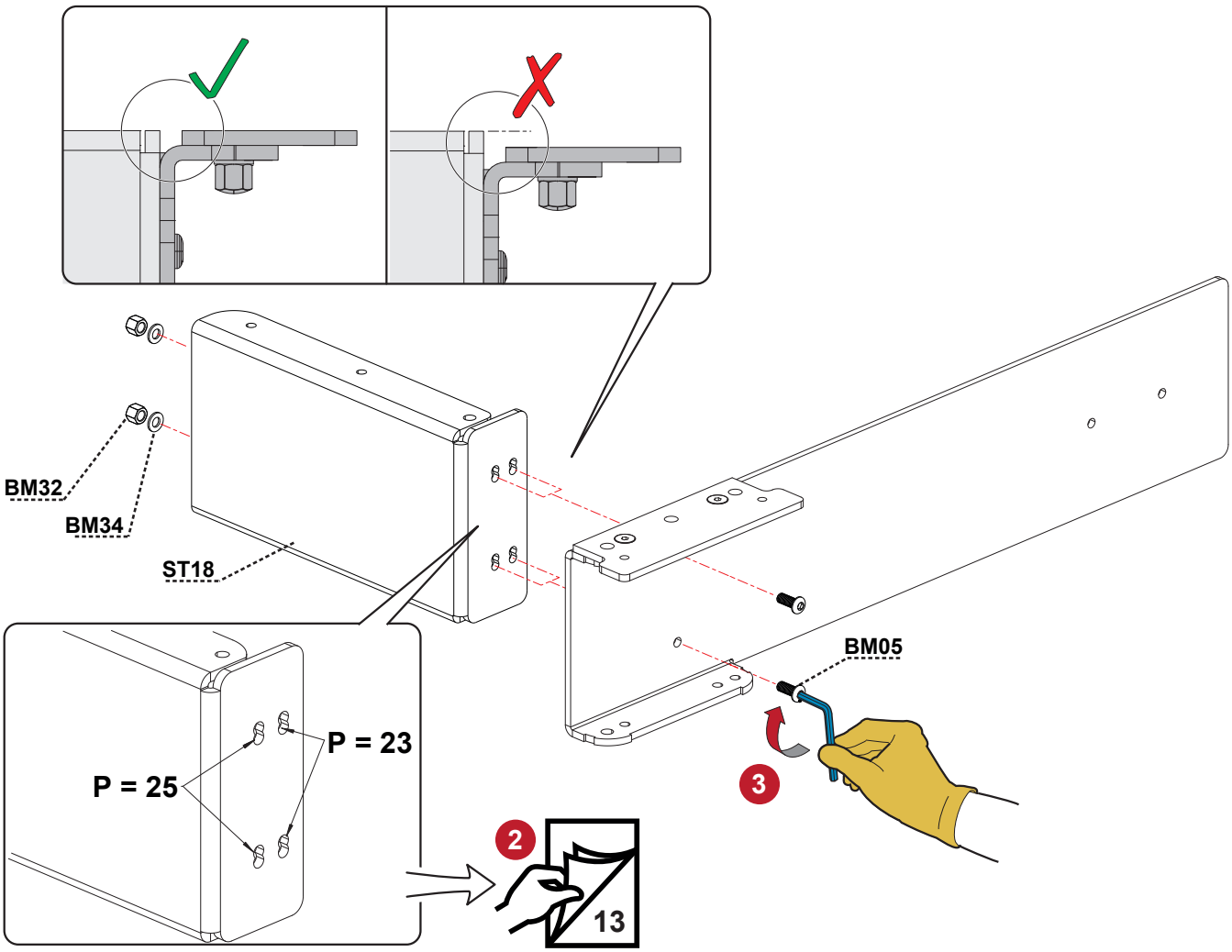
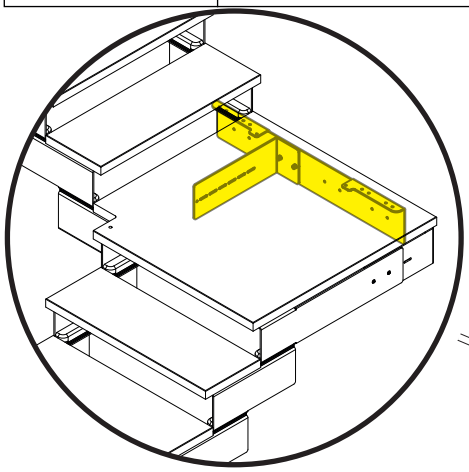




COUNTERCLOCKWISE







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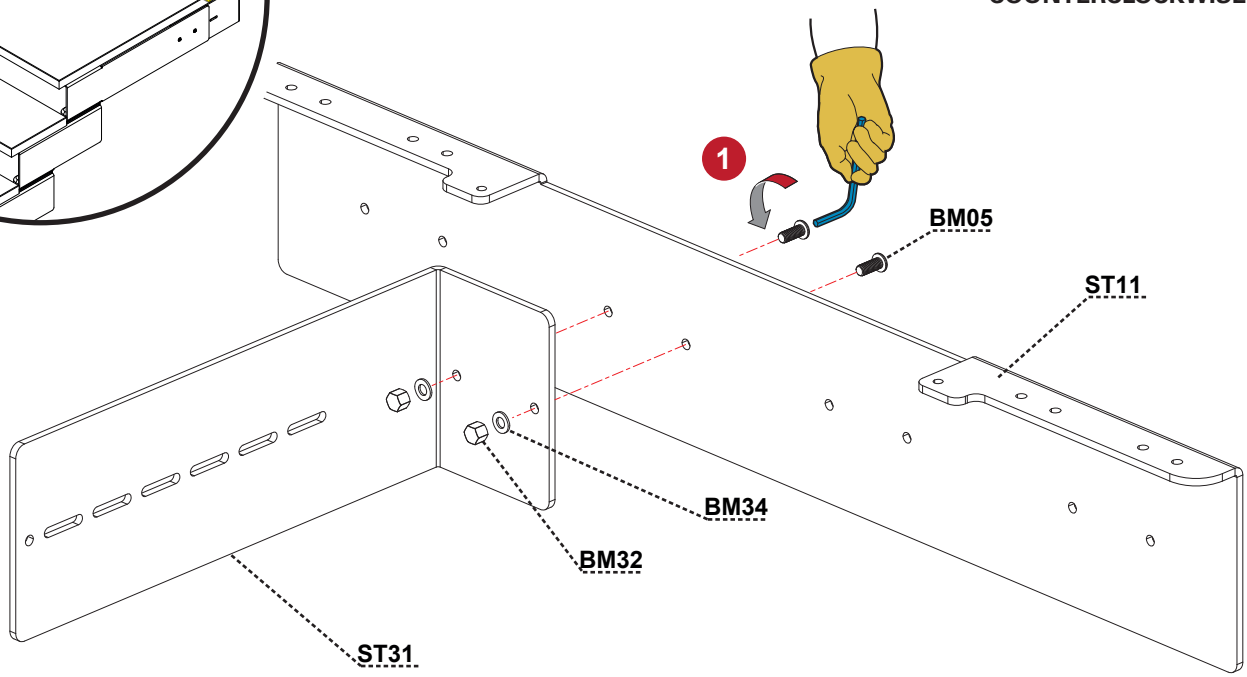
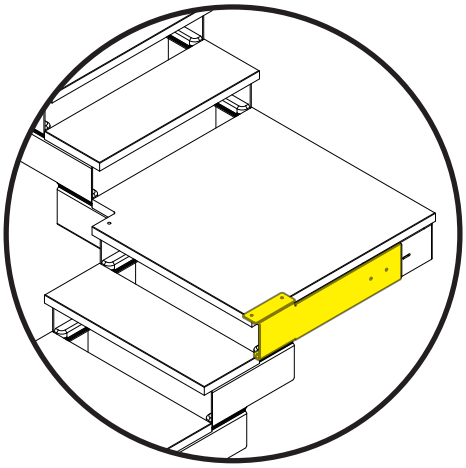
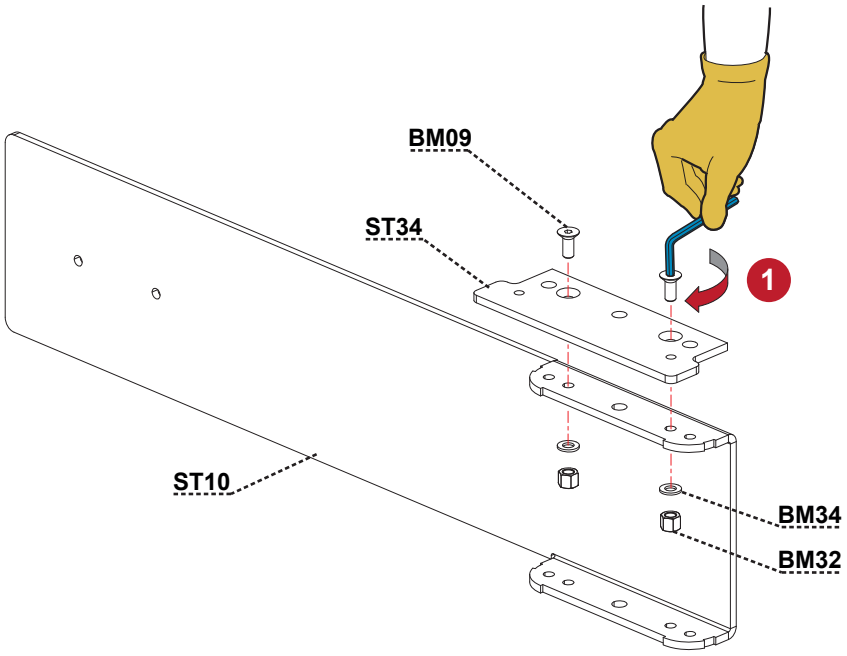
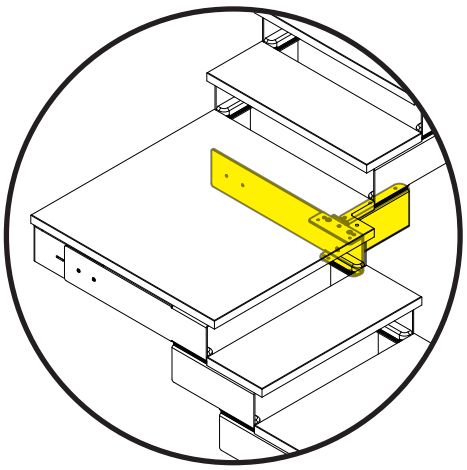




COUNTERCLOCKWISE





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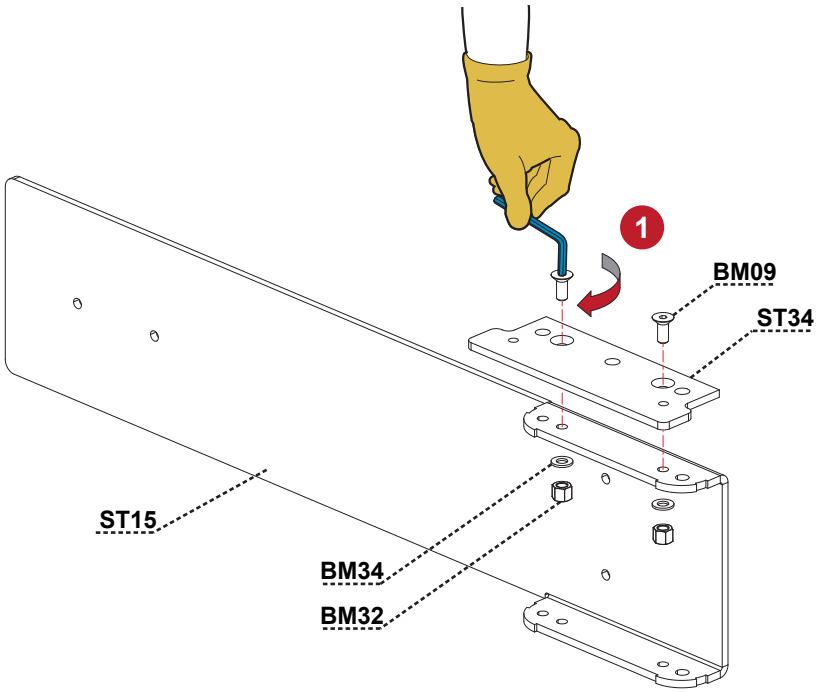

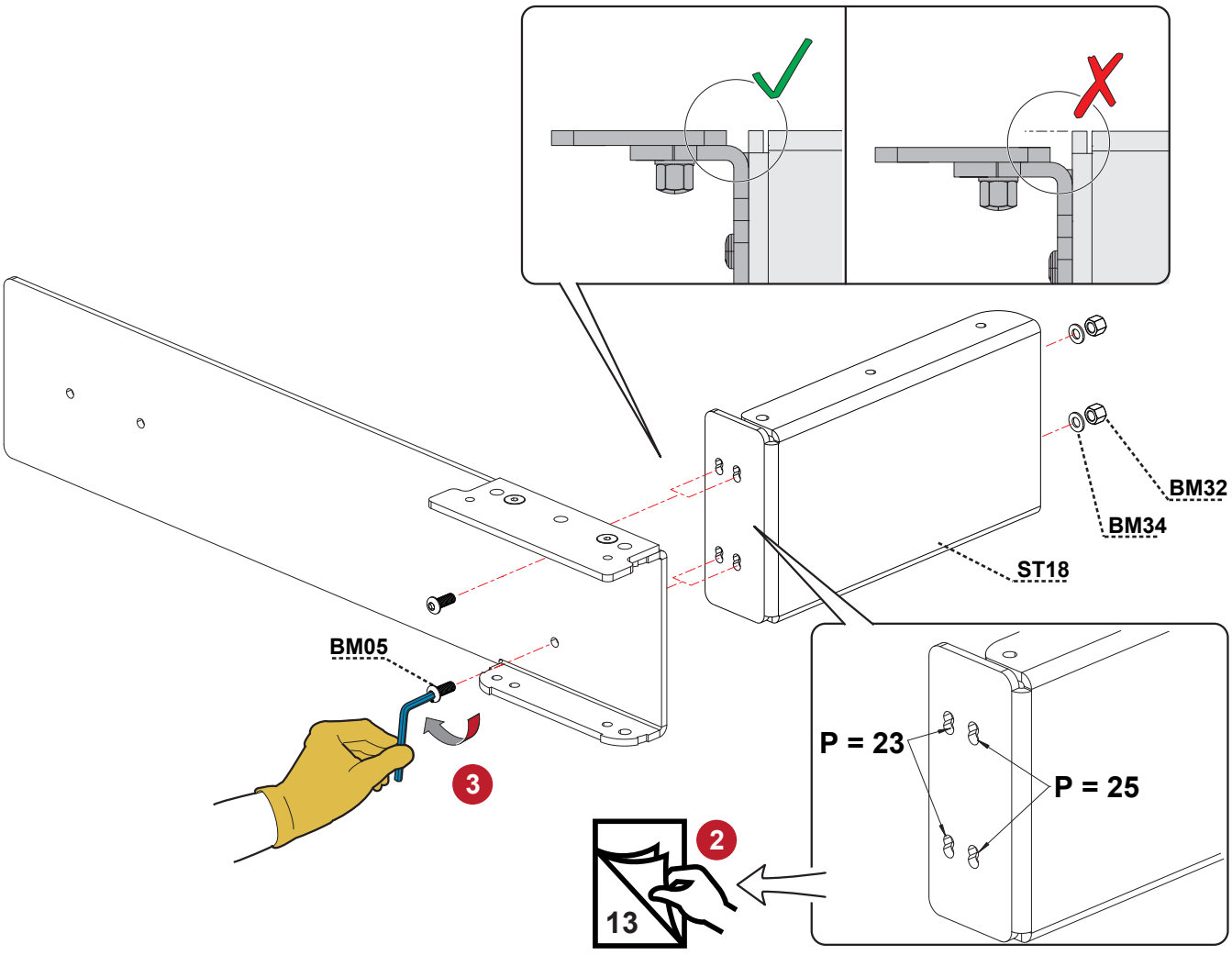

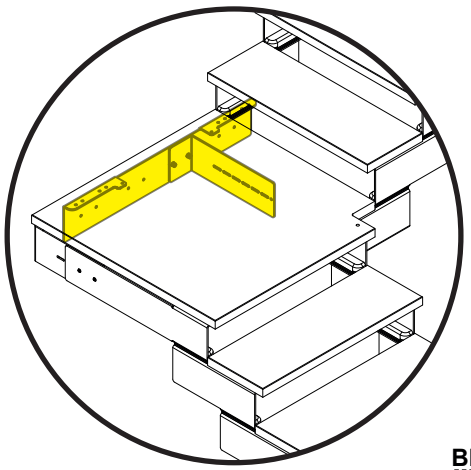

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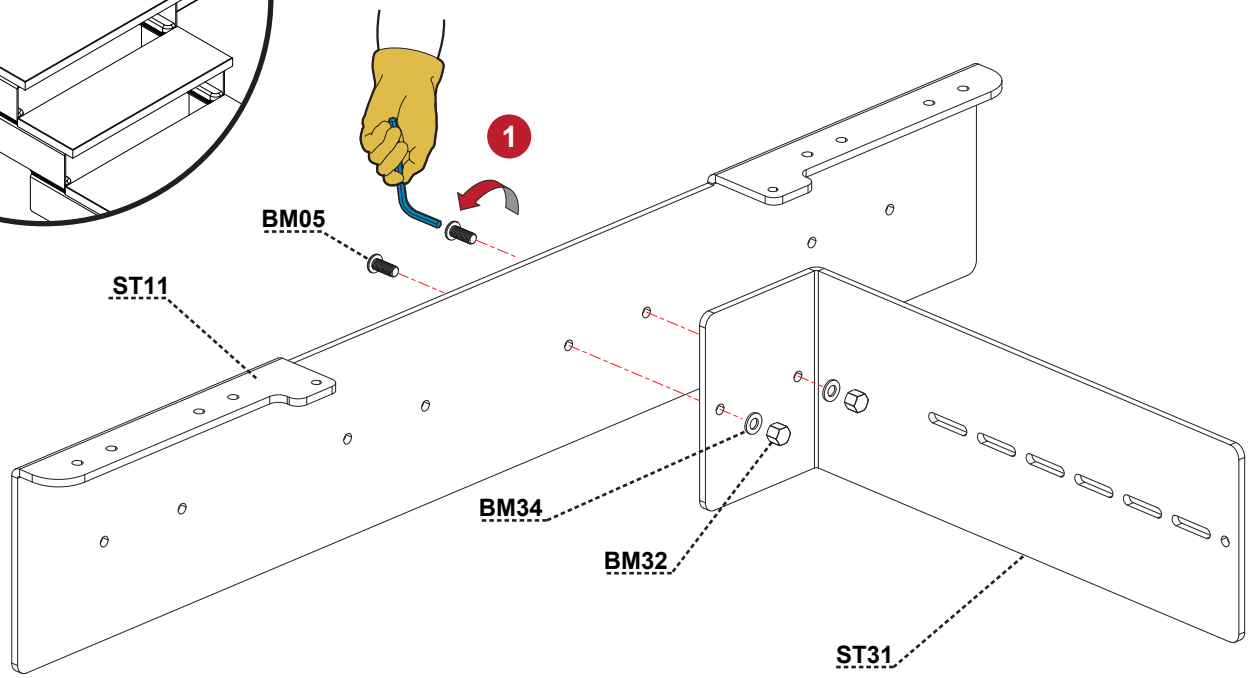

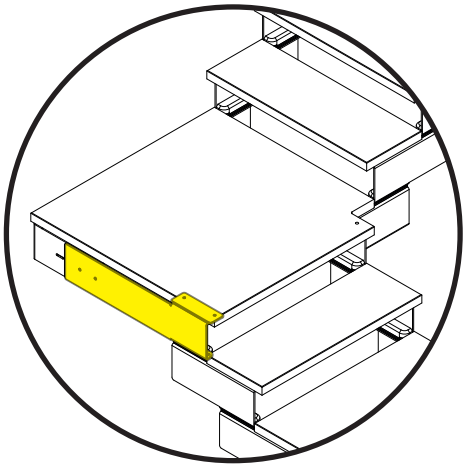

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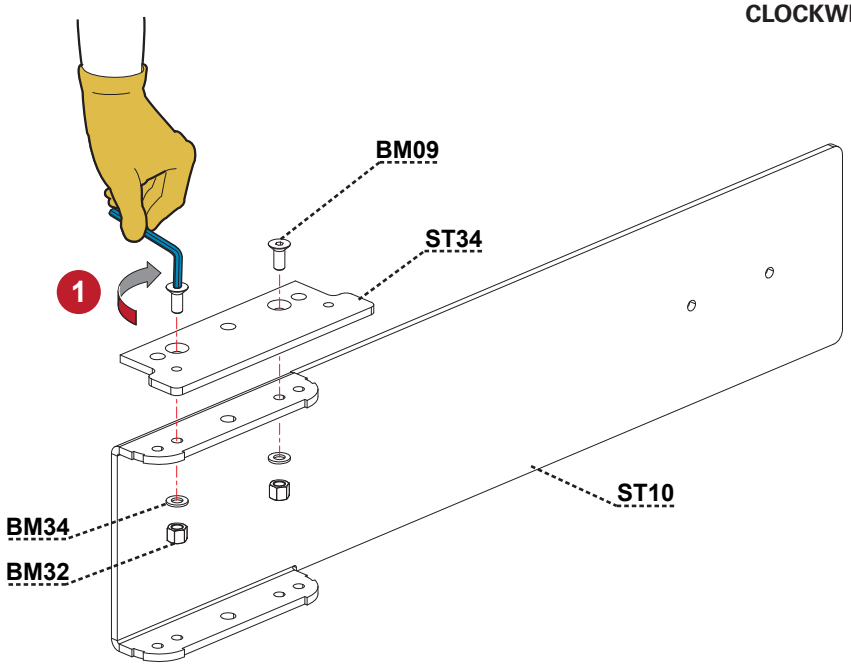
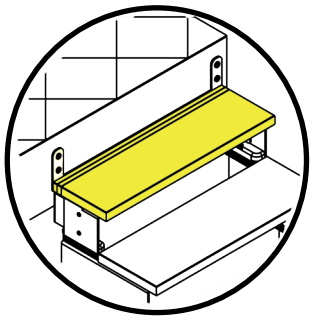
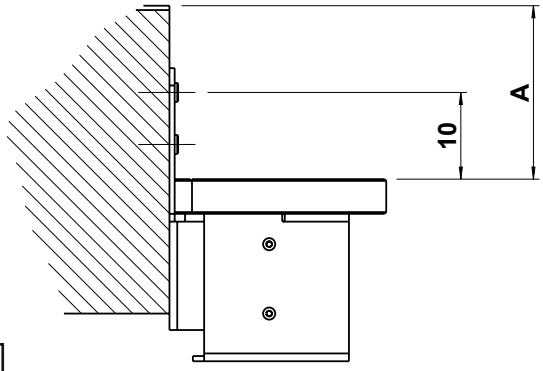


3.1

ASSEMBLY




A
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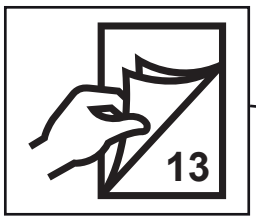
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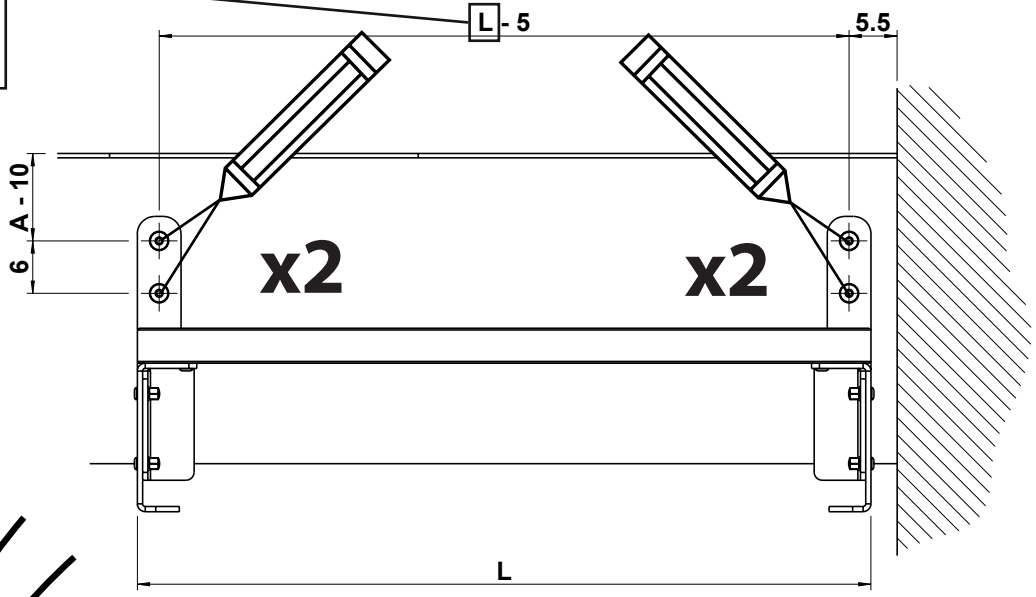
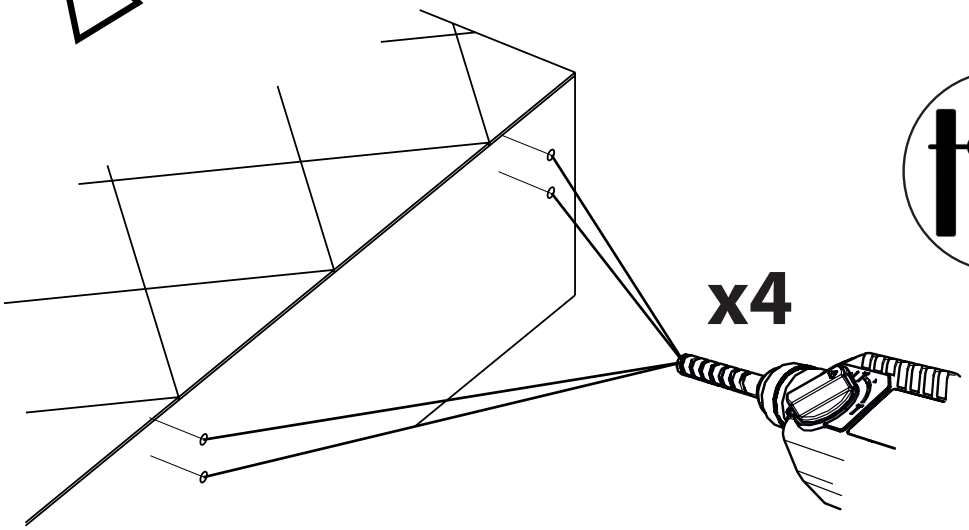

L - 5
5.5
A - 10
6
x2
x2
L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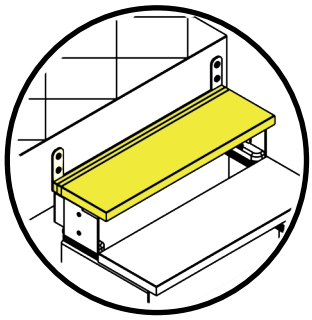
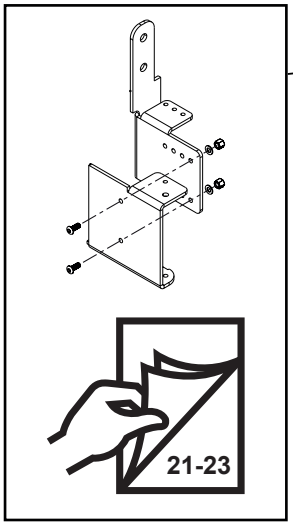
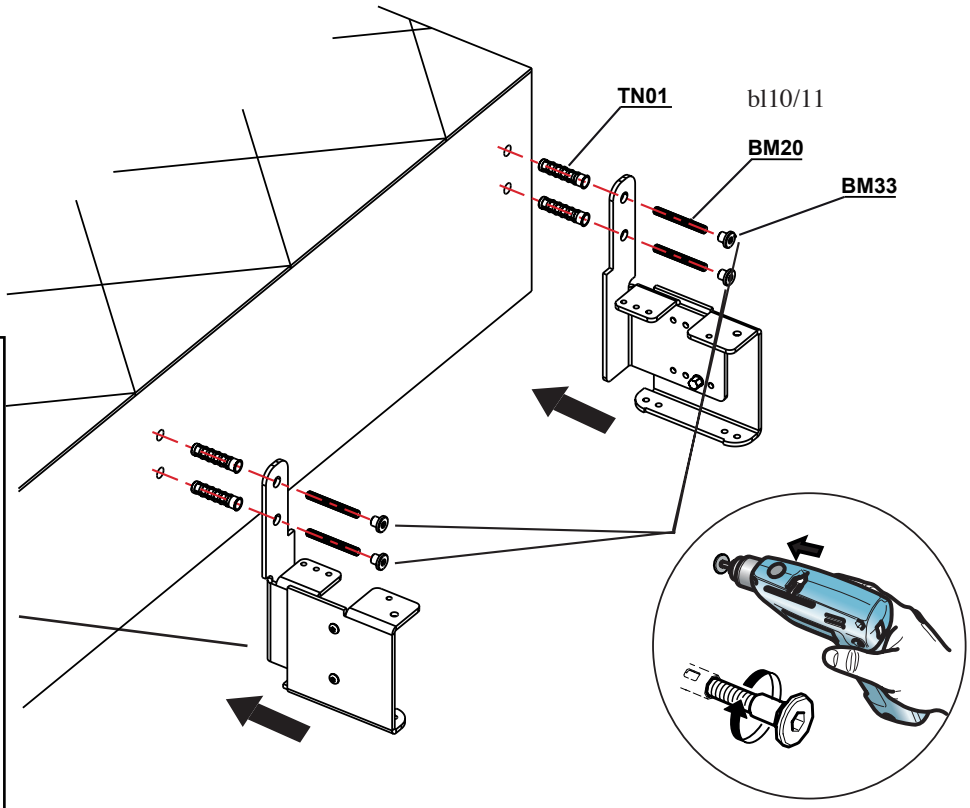
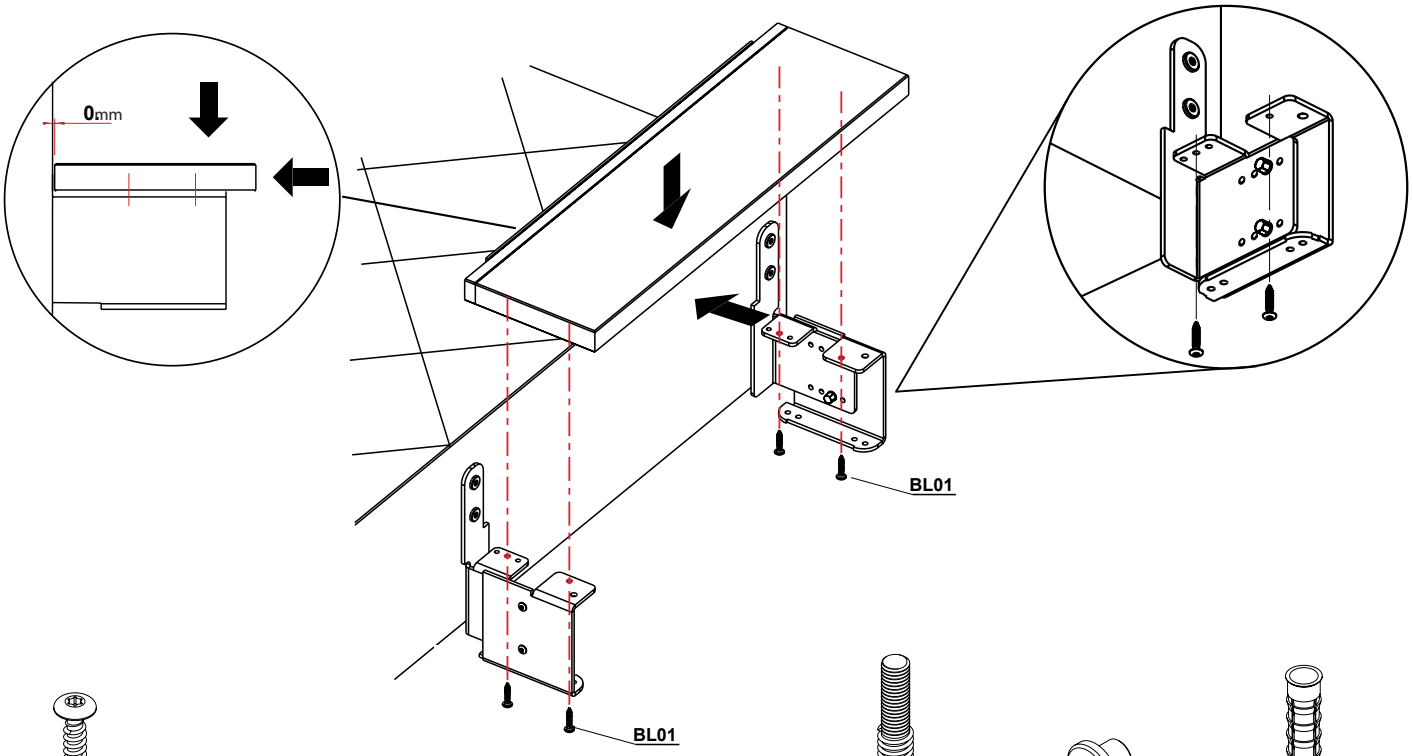
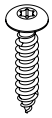


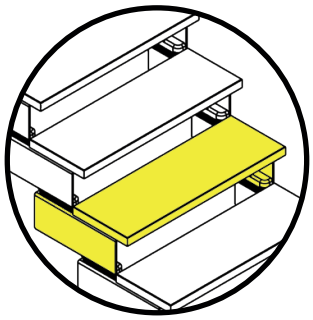




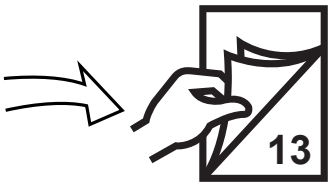


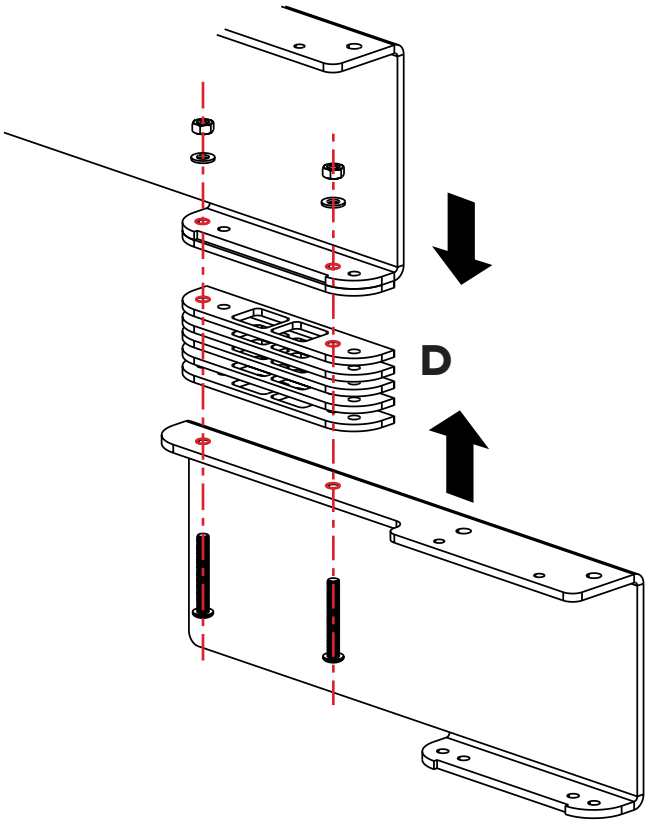


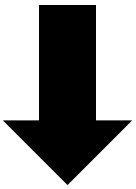
BL 01 | **BL 11** | **BM 33** | **TN 01**

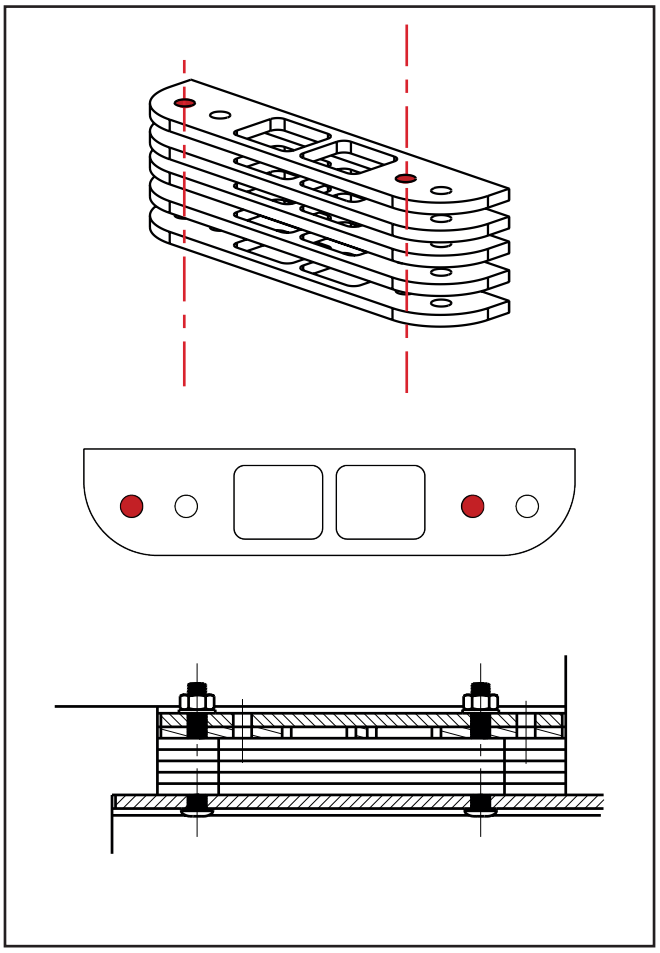


P = 23 cm

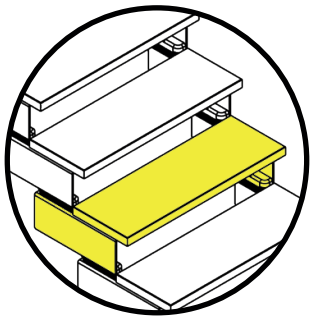


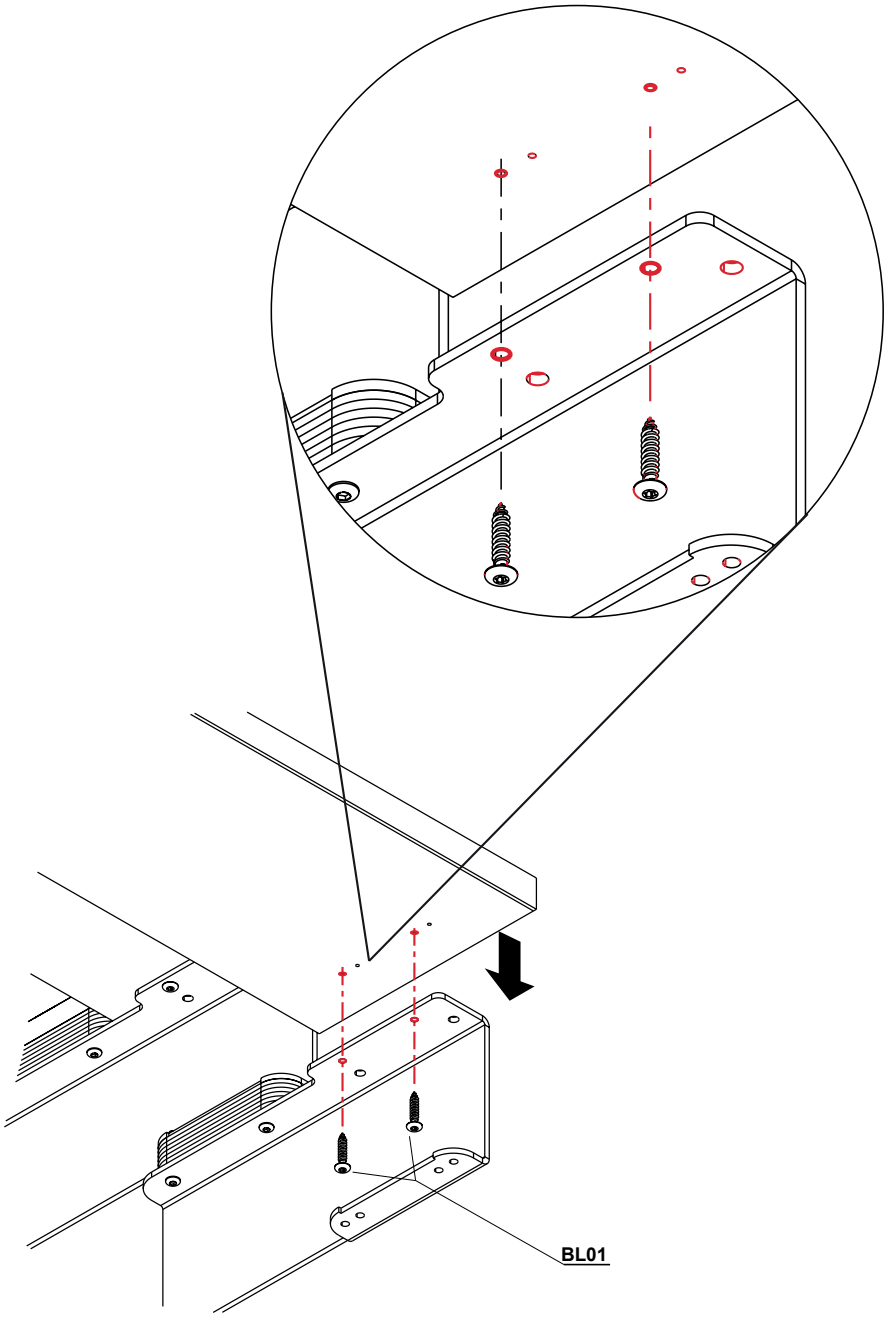


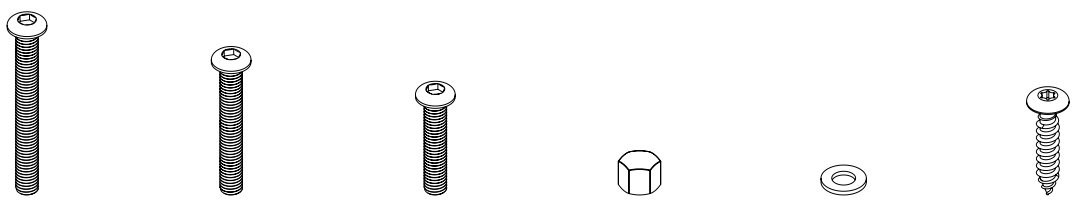




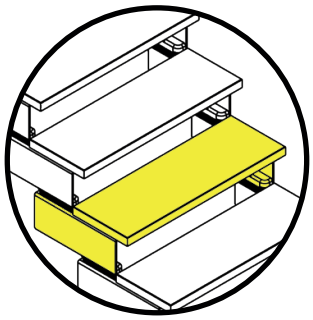
D	
1 ÷ 4	BM04 M8X40
4 ÷ 7	BM02 M8X55
7 ÷ 10	BM01 M8X70



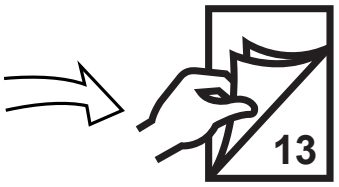


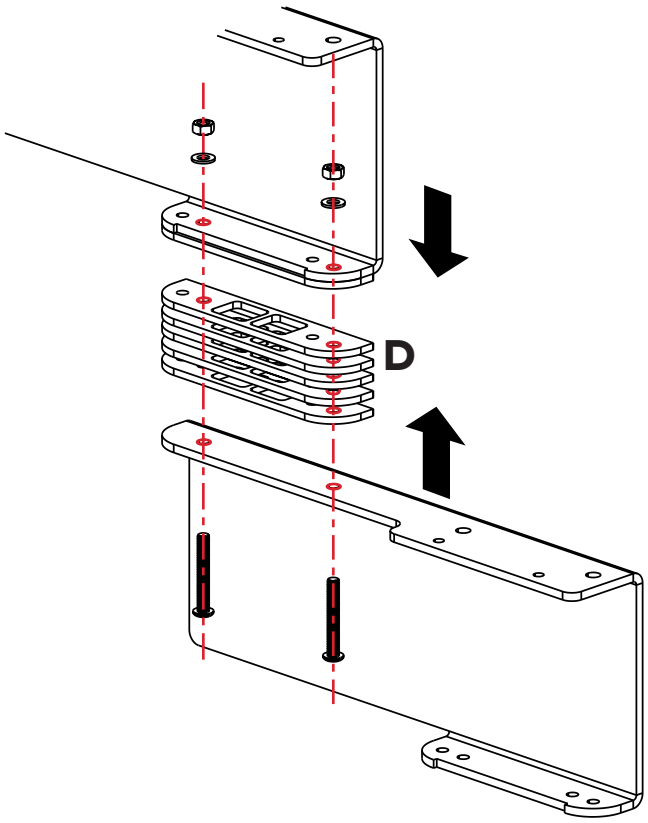


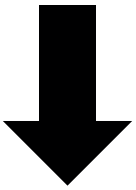
BM 01	BM 02	BM 04	BM 032	BM 34	BL 01

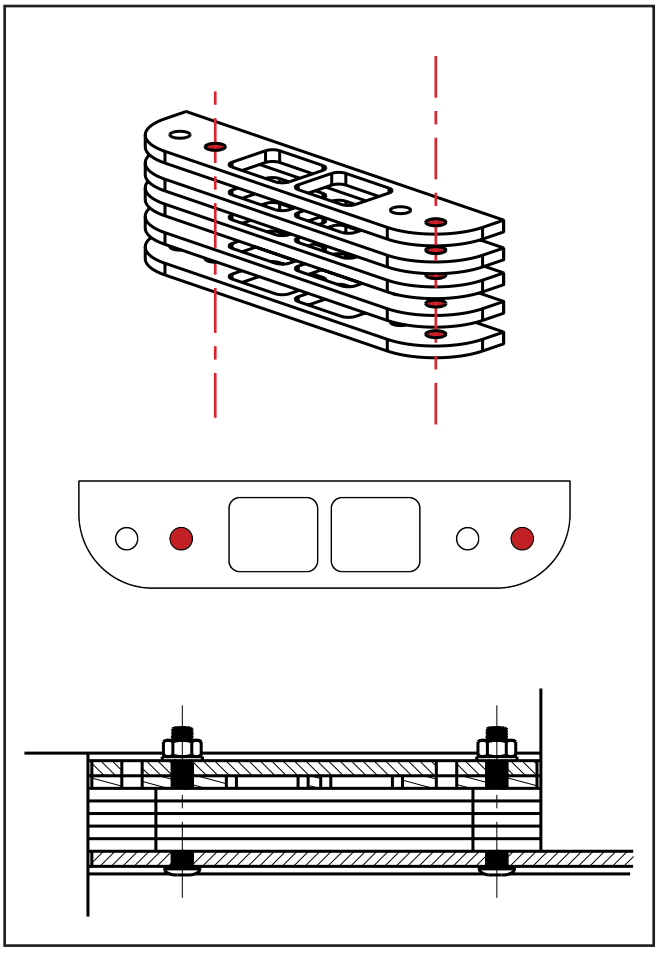


P = 25 cm









D	
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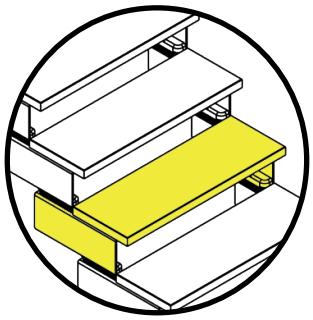
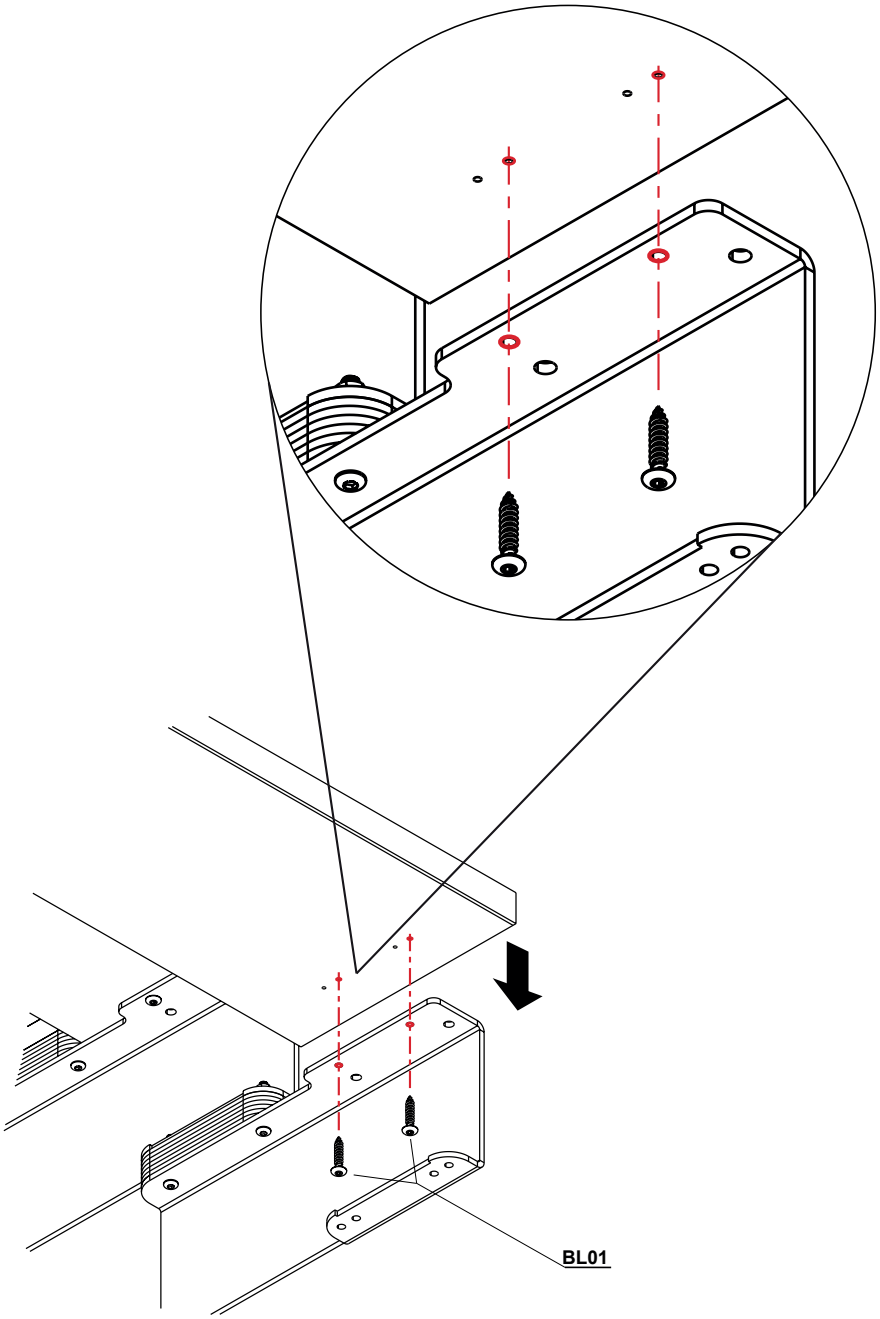
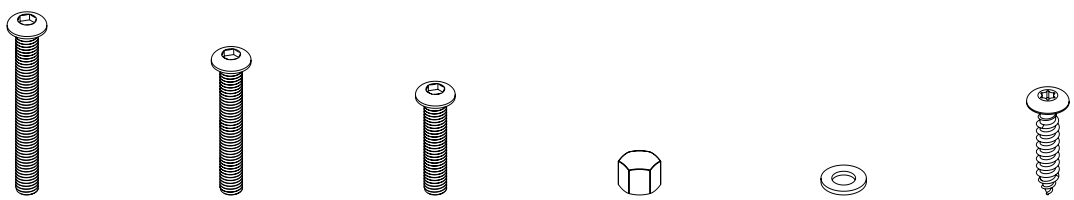
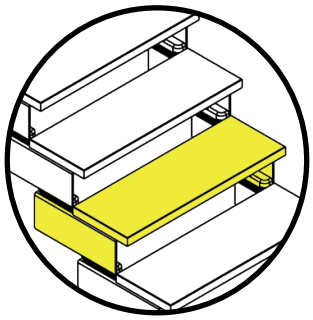
4 ÷ 7	BM02 M8X55
7 ÷ 10	BM01 M8X70

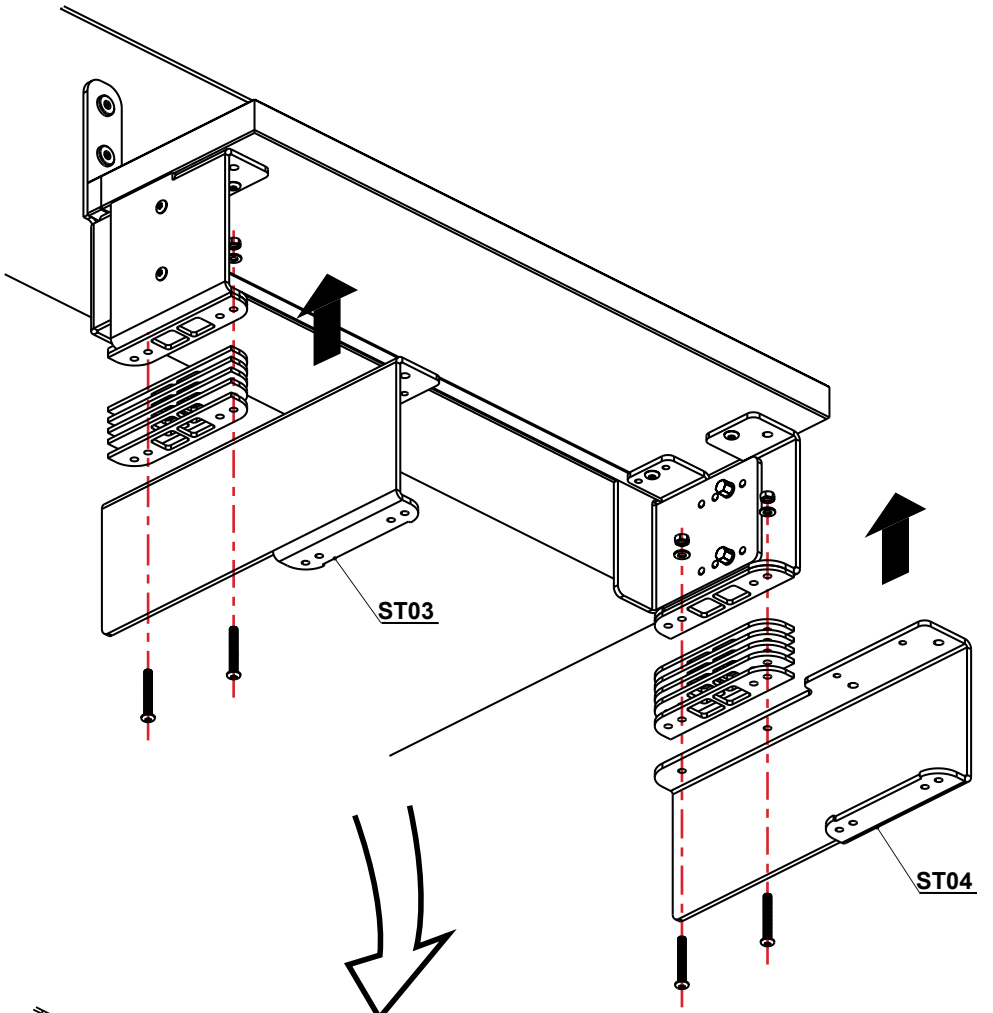


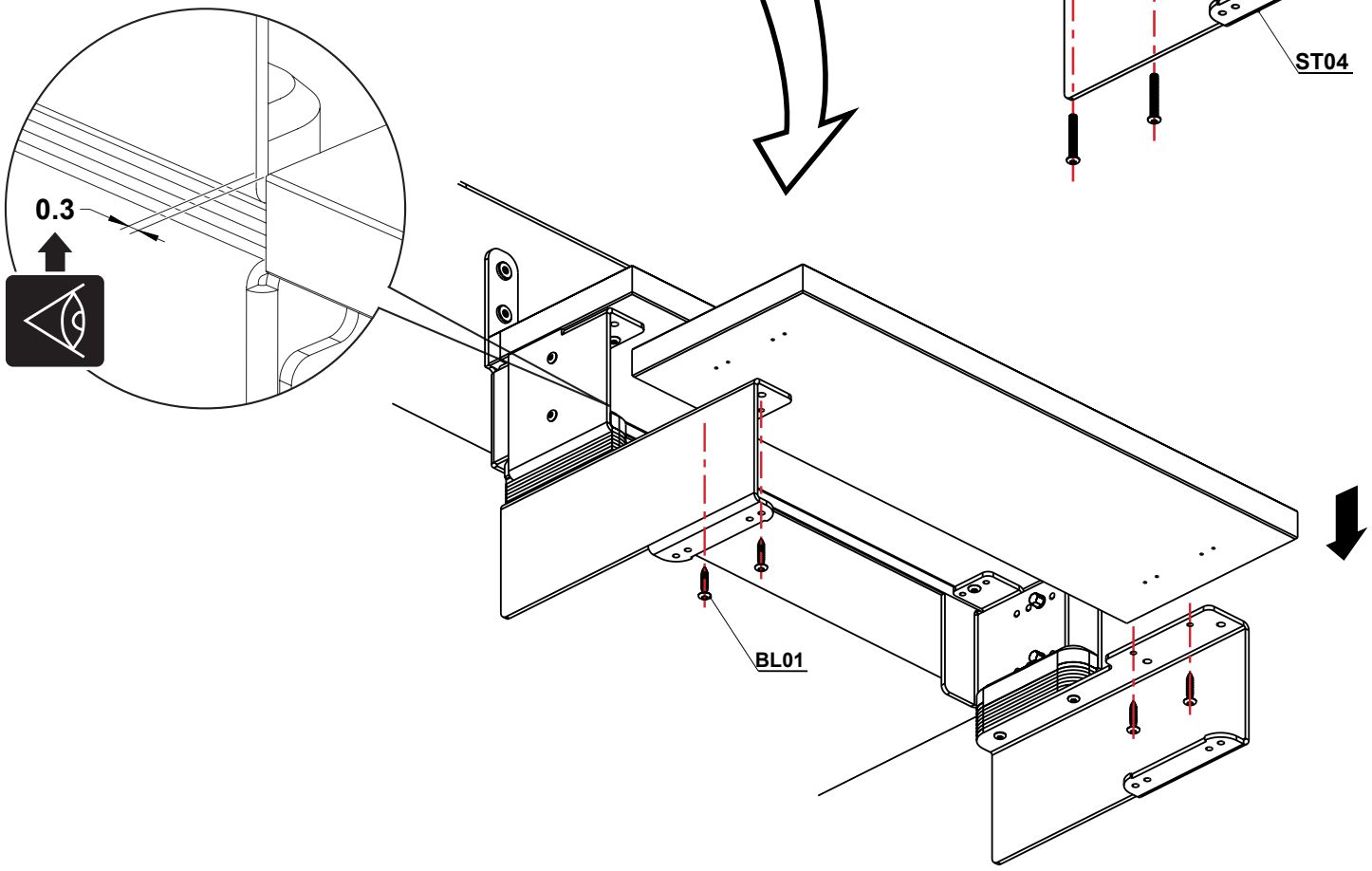




BM 01	BM 02	BM 04	BM 032	BM 34	BL 01




ST03
ST04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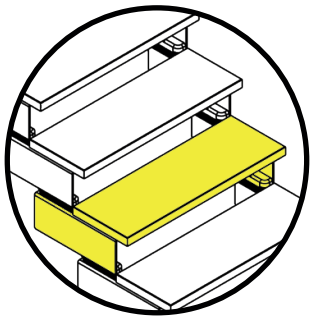
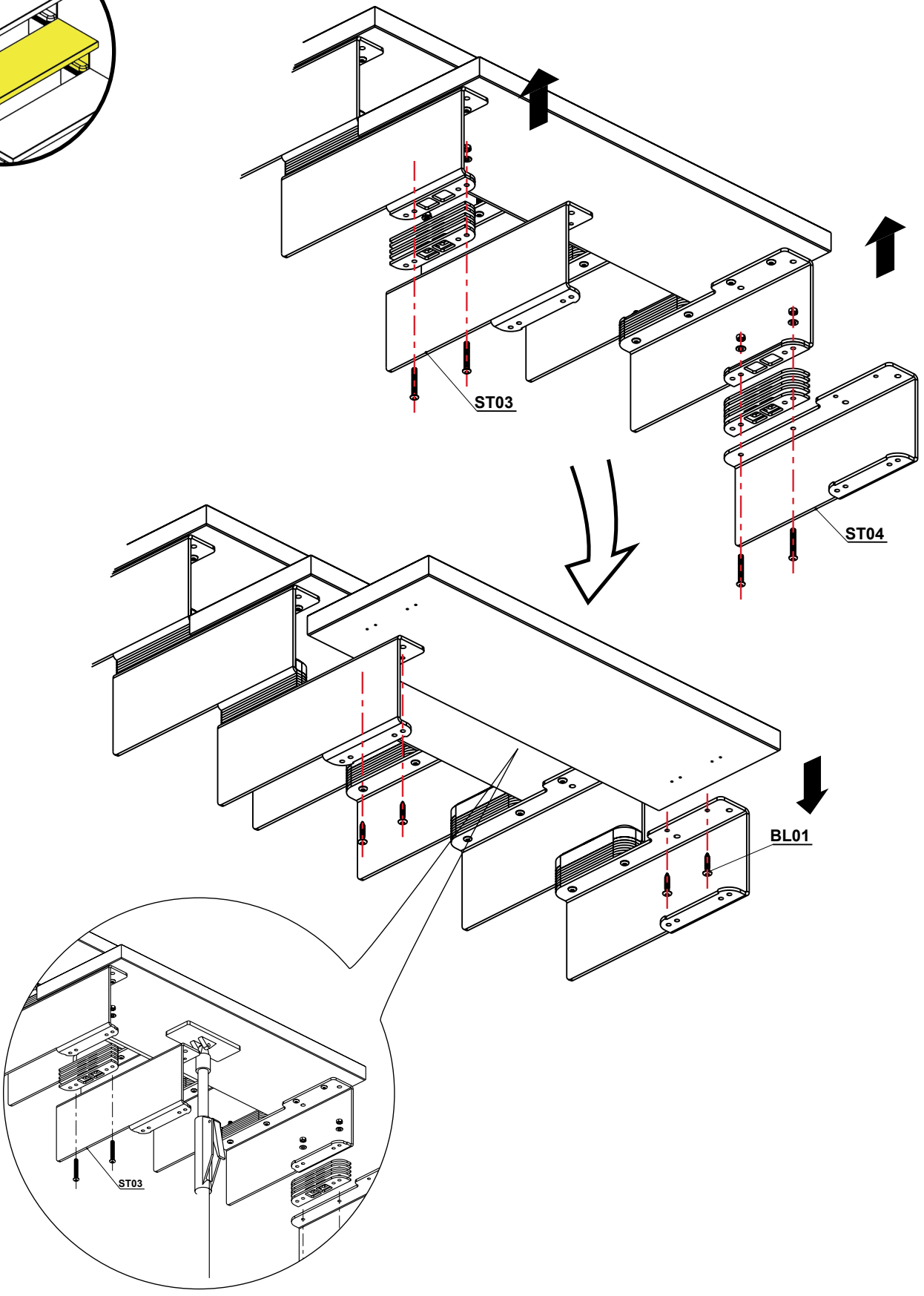
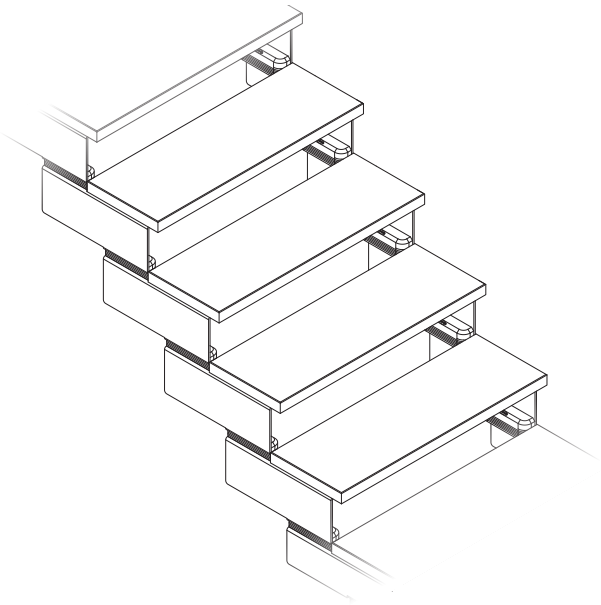
BL01




ST03
ST04
BL01
ST03



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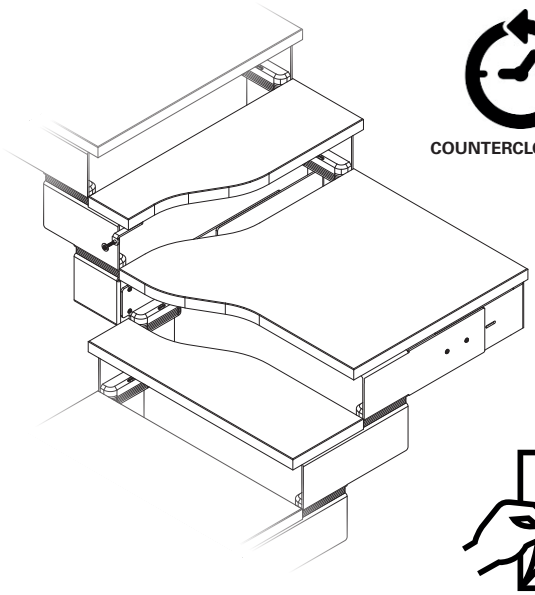
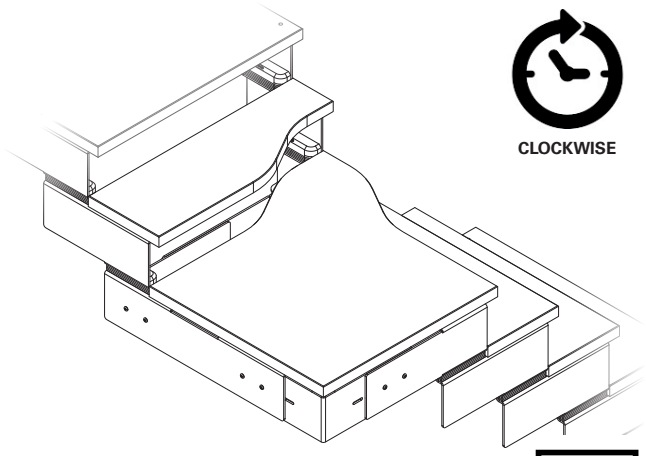


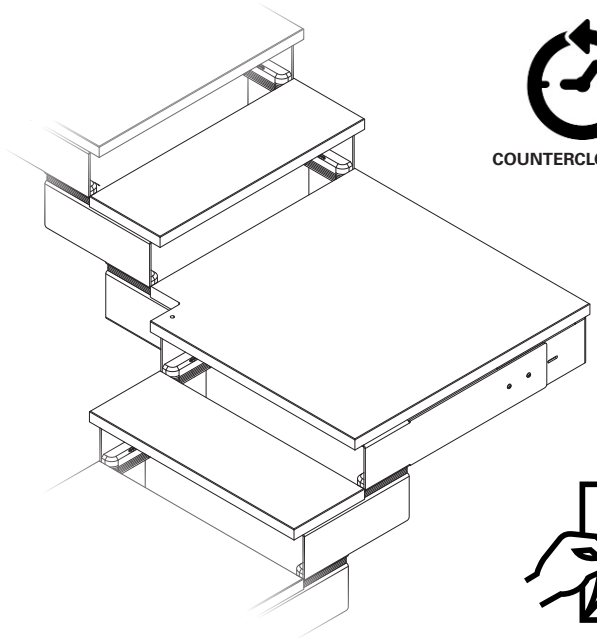
COUNTERCLOCKWISE

42



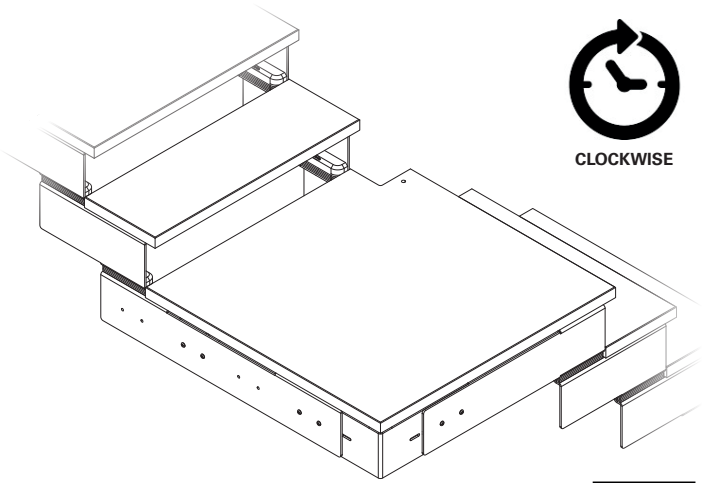
CLOCKWISE

50



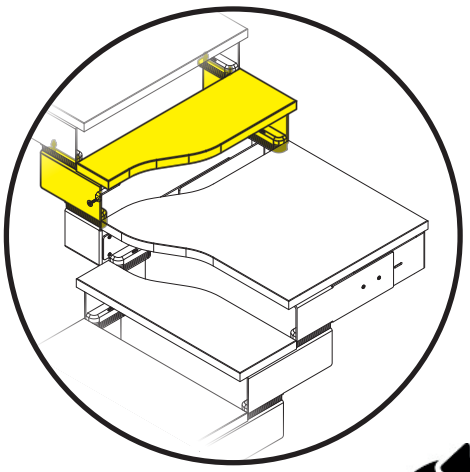
COUNTERCLOCKWISE

58

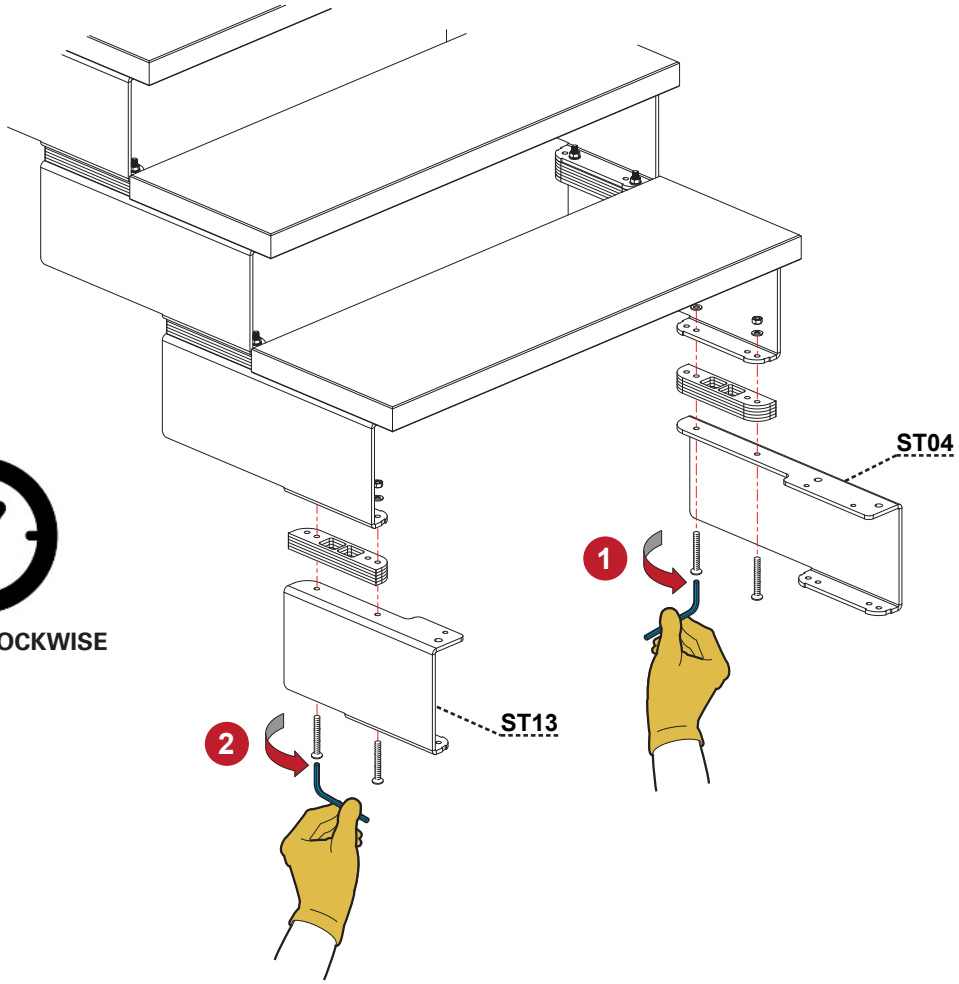


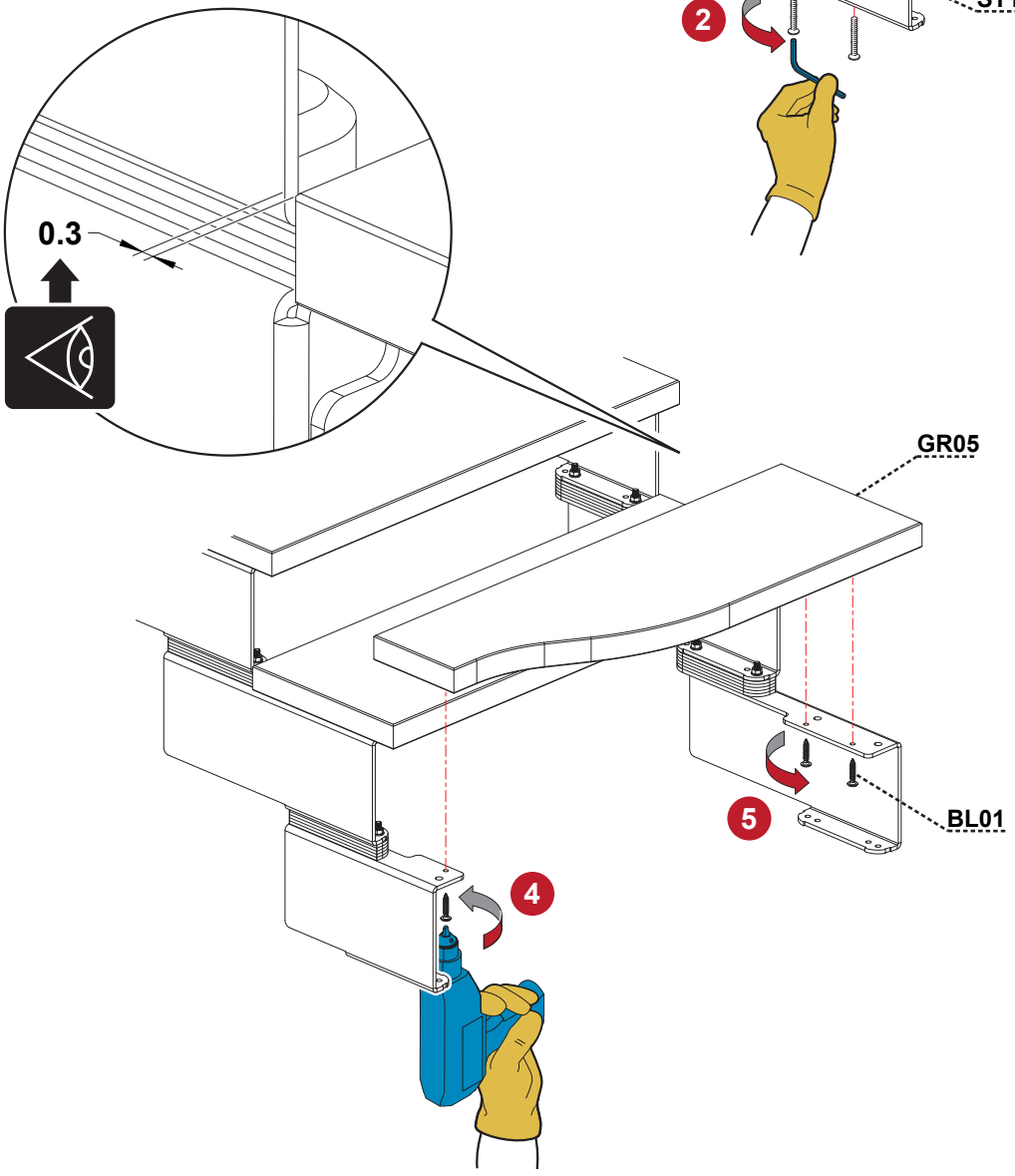
CLOCKWISE

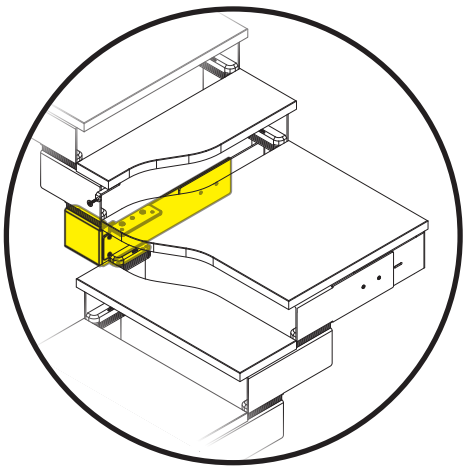
64



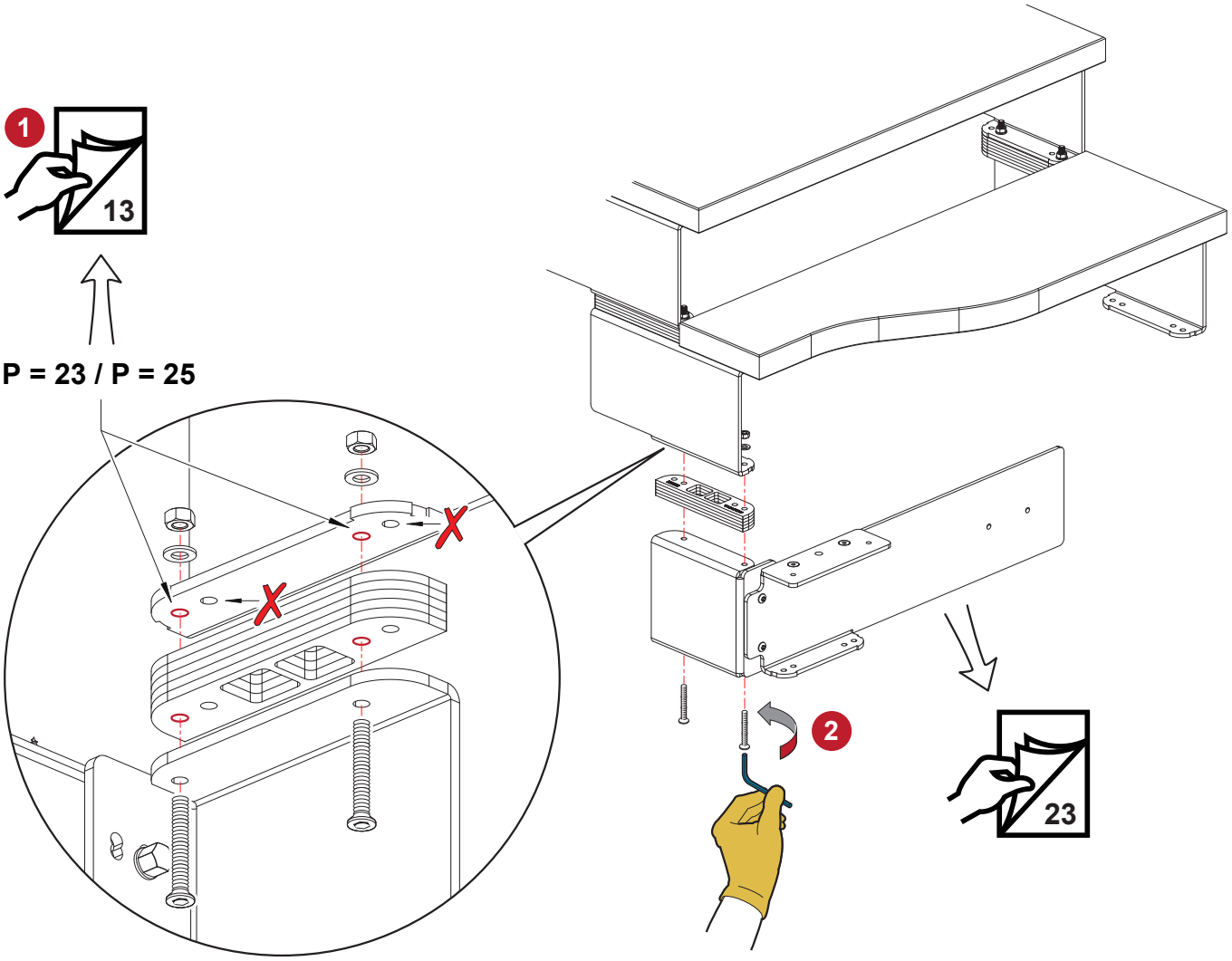
COUNTERCLOCKWISE

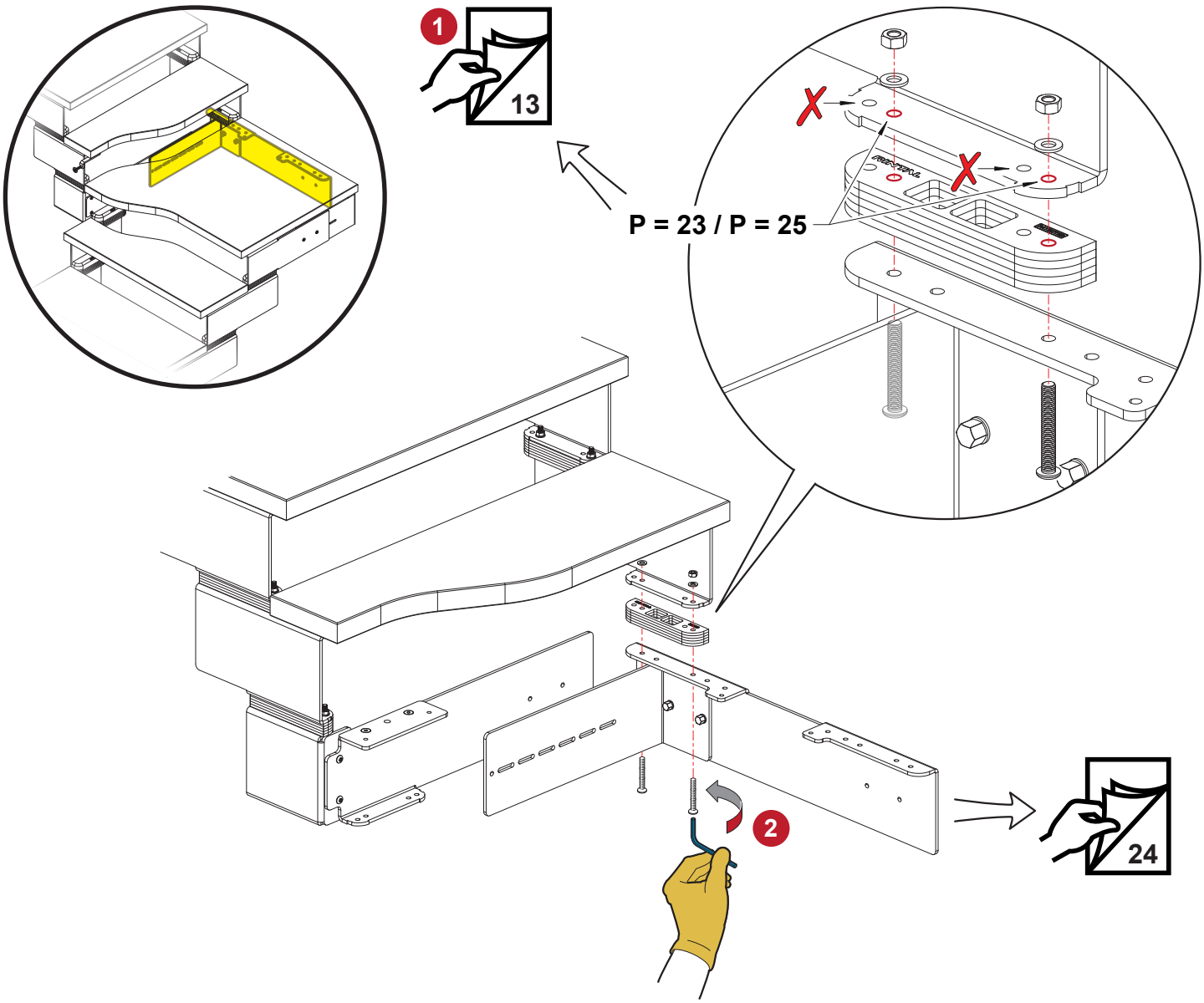


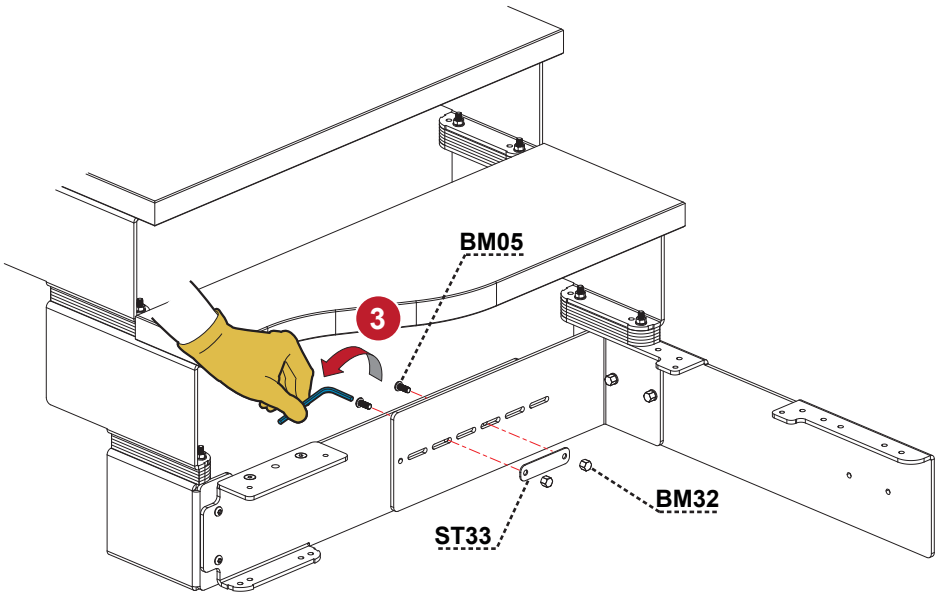


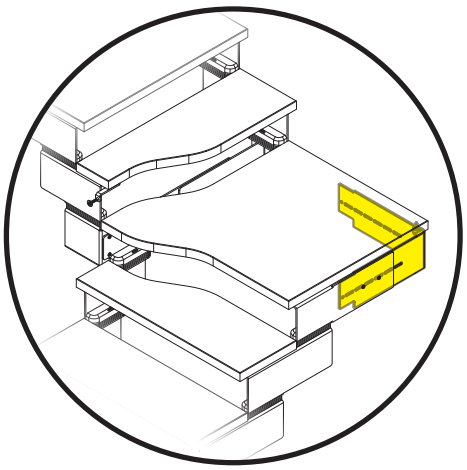


COUNTERCLOCKWISE

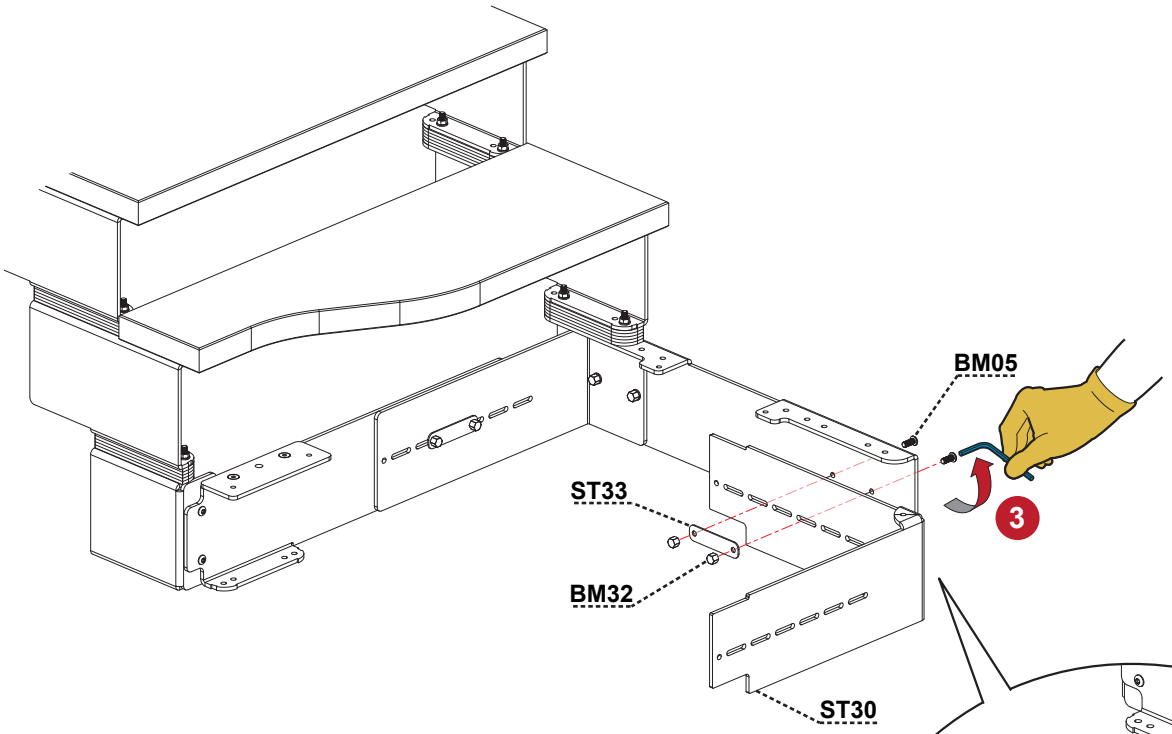


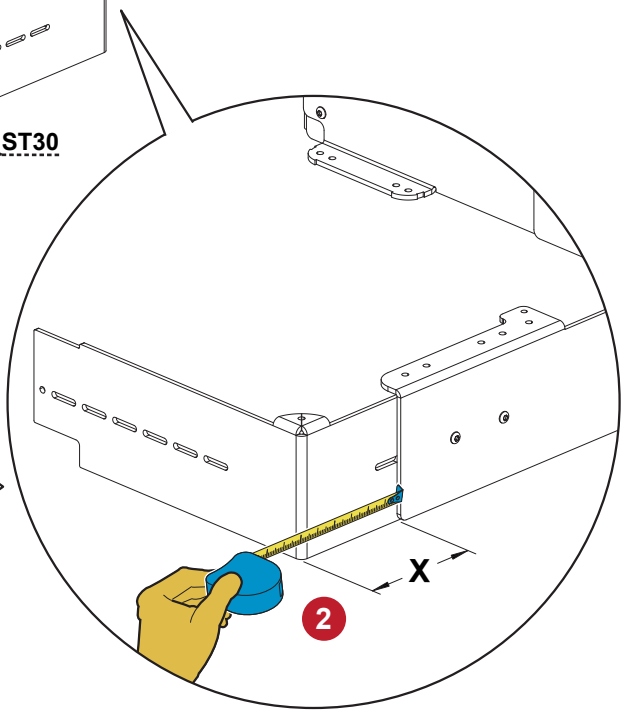

1
13
P = 23 / P = 25
2
24


BM05
3
BM32
ST33

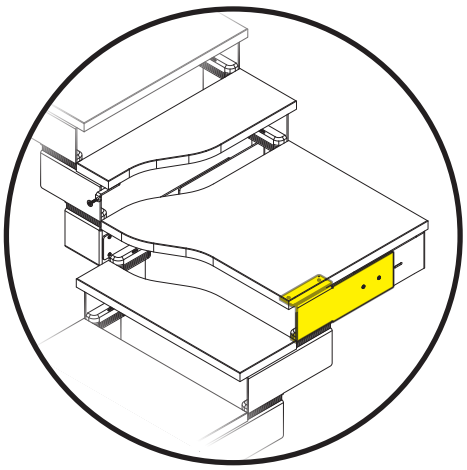


COUNTERCLOCKWISE



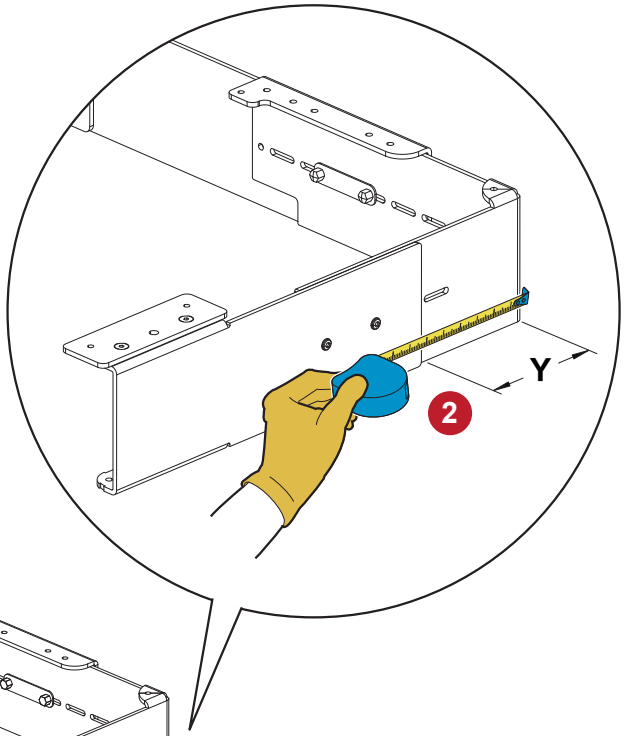


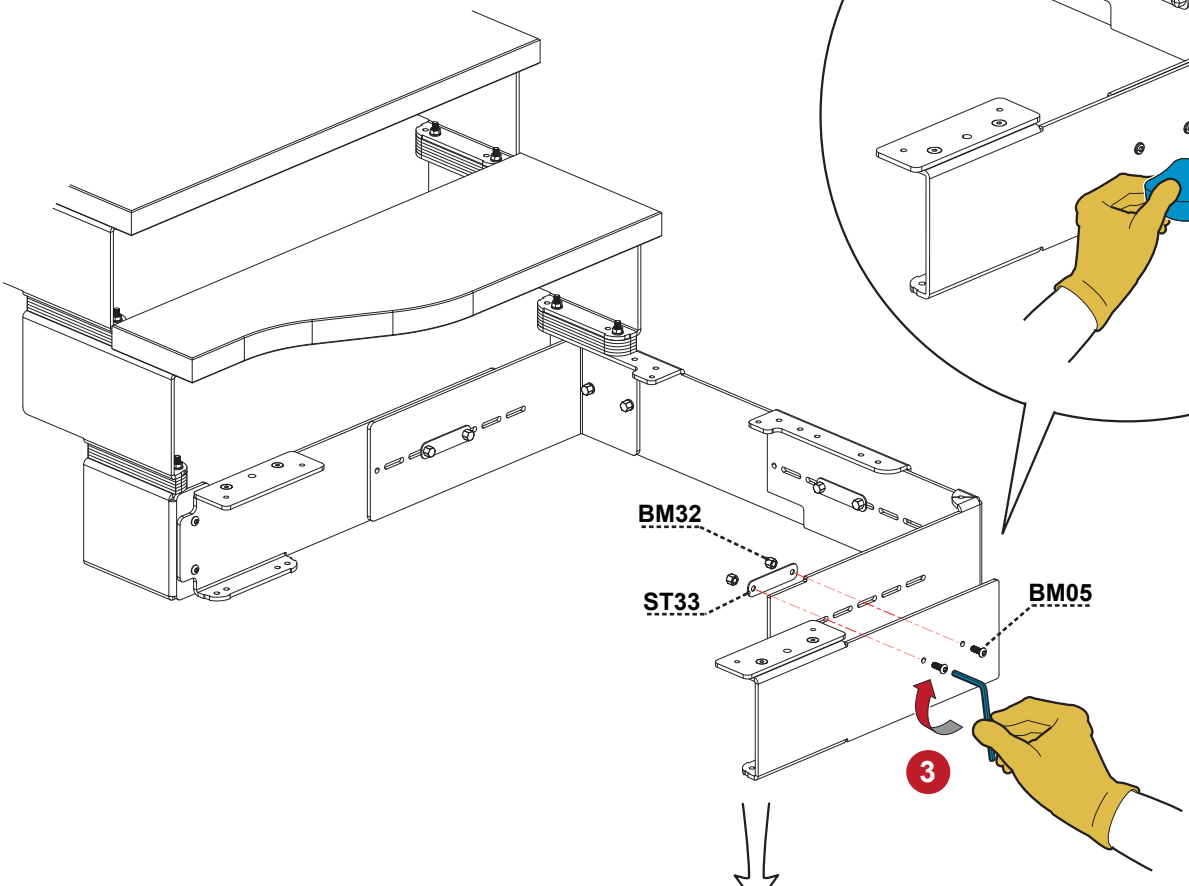
L	X
74	5.7
79	10.7
84	15.7
89	20.7
94	25.7

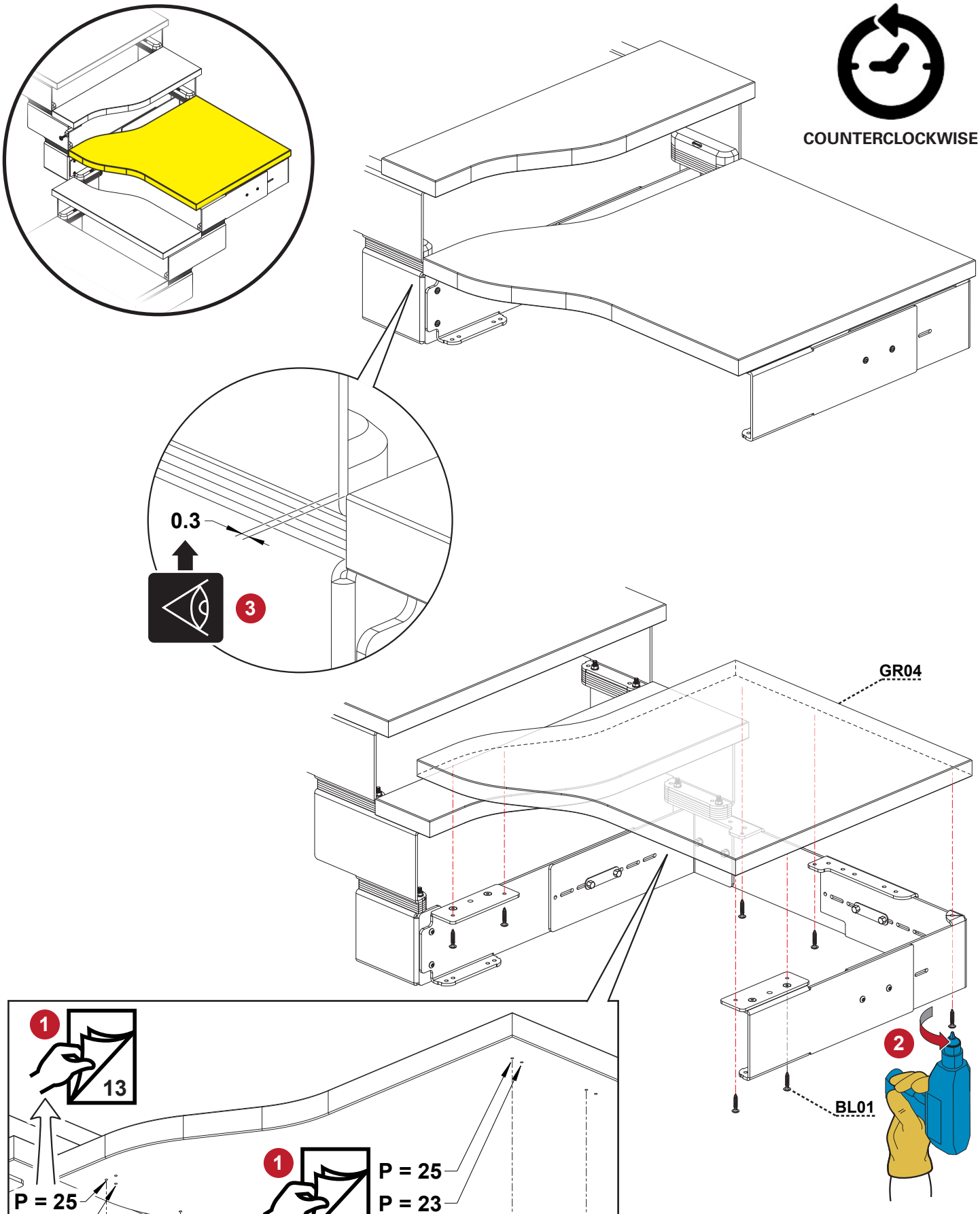


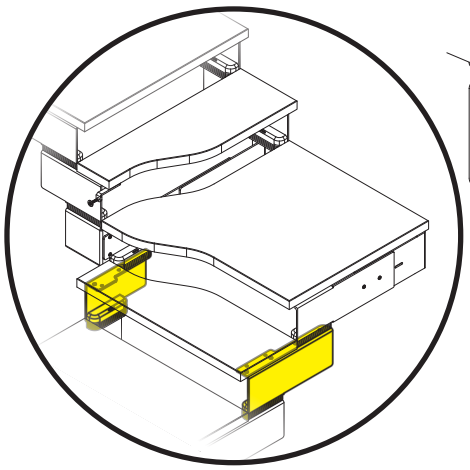
	P = 23	P = 25
L	Y	Y
74	5.1	7.1
79	10.1	12.1
84	15.1	17.1
89	20.1	22.1
94	25.1	27.1

COUNTERCLOCKWISE

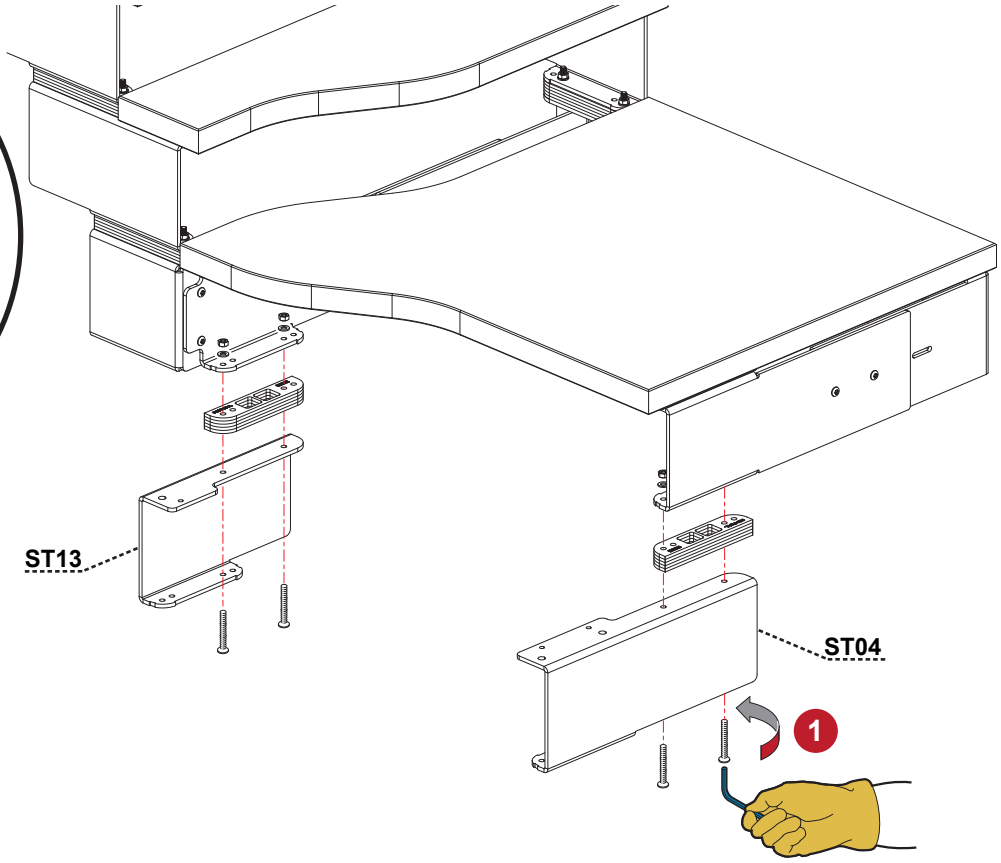


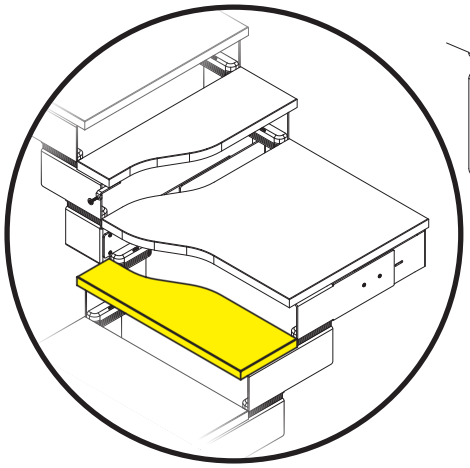


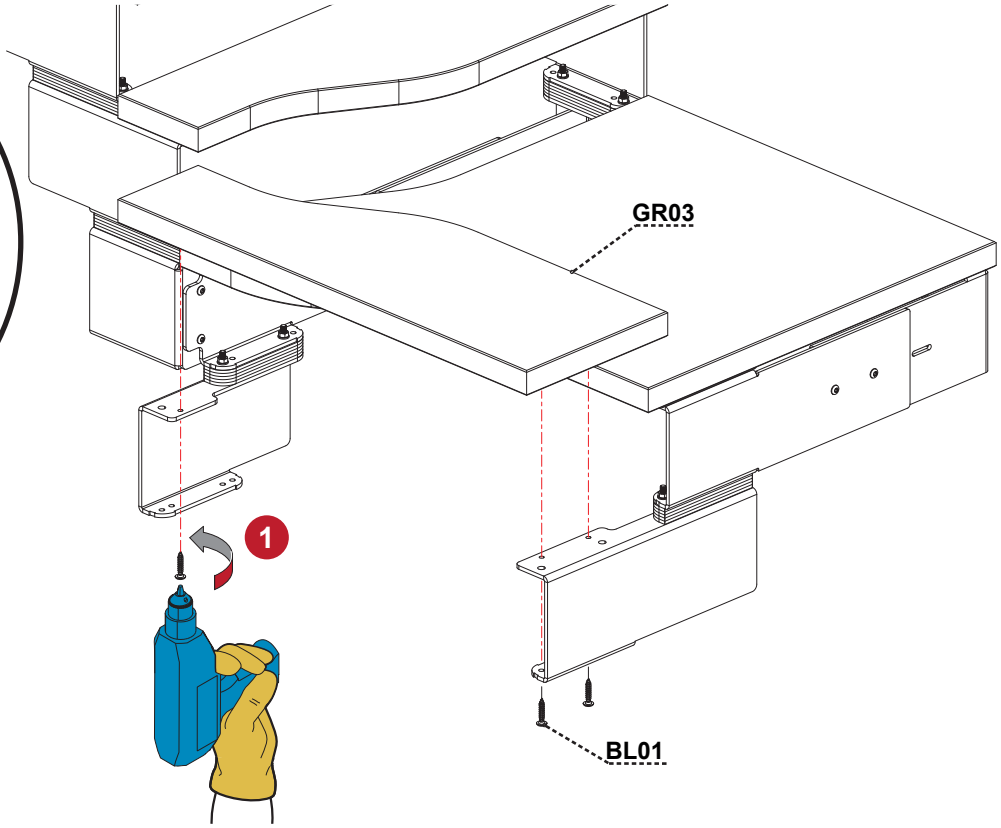

COUNTERCLOCKWISE
0.3
3
GR04
BL01
2
1
13
P = 25
P = 23
1
13
P = 25
P = 23

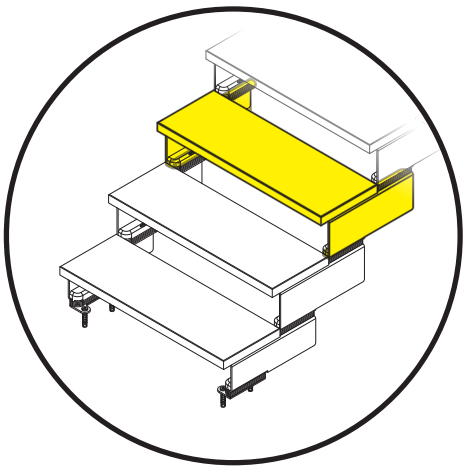


COUNTERCLOCKWISE

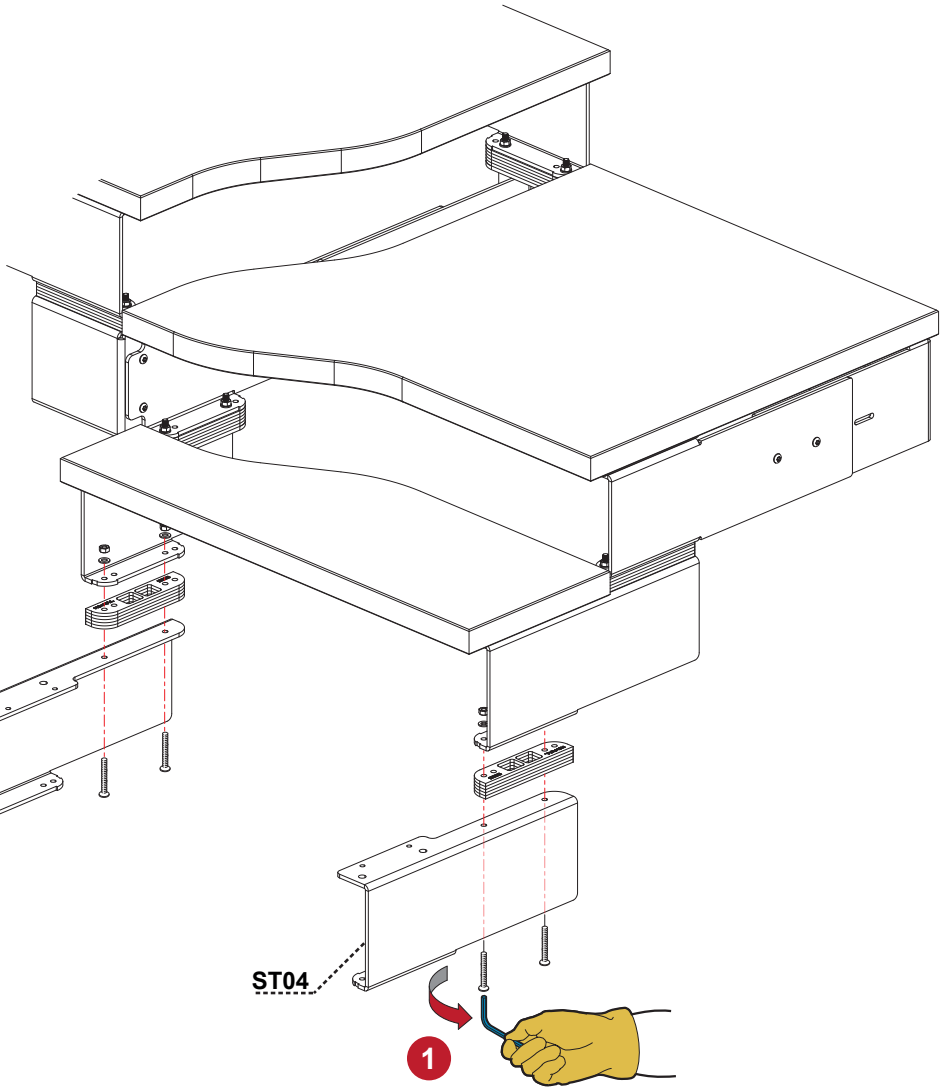


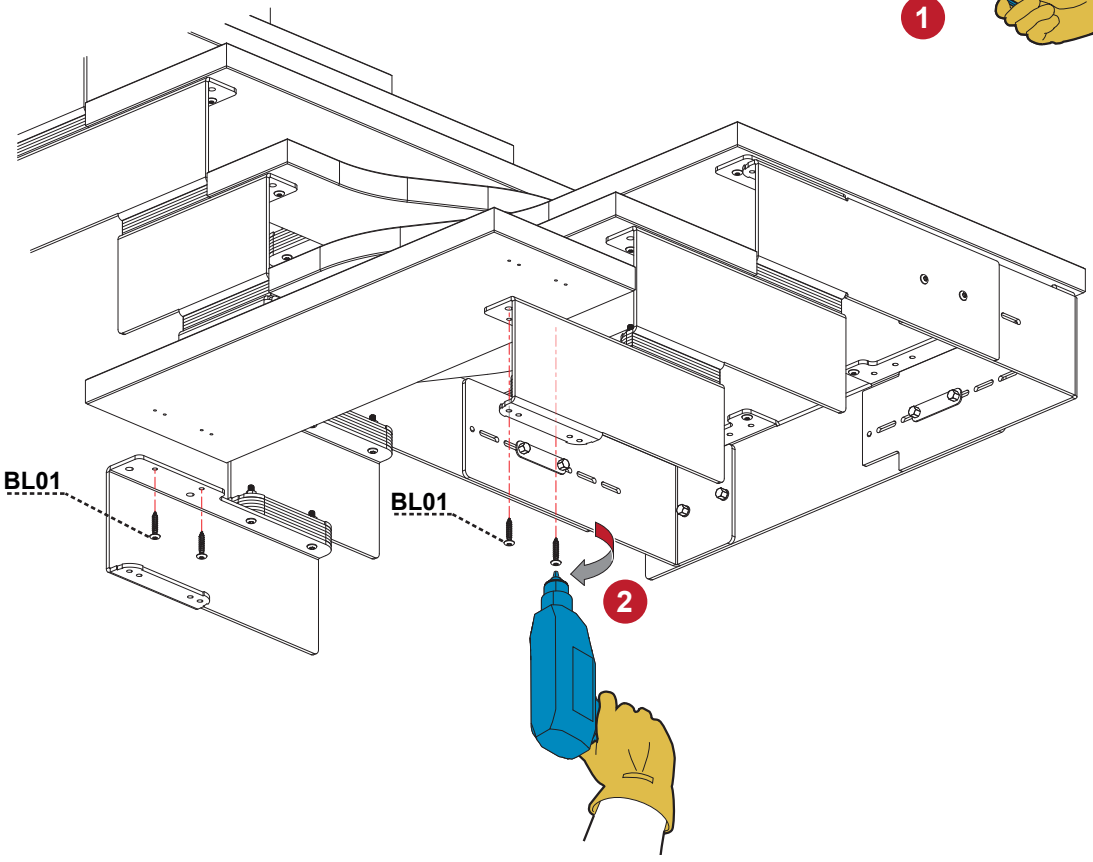


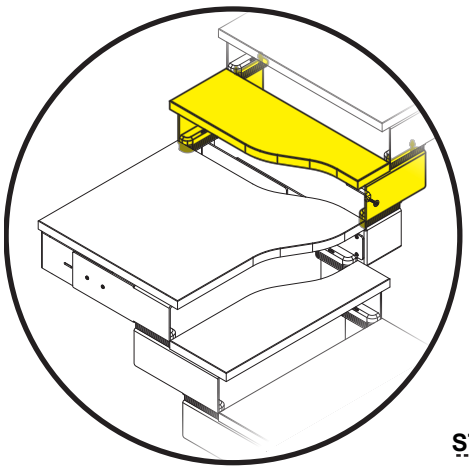




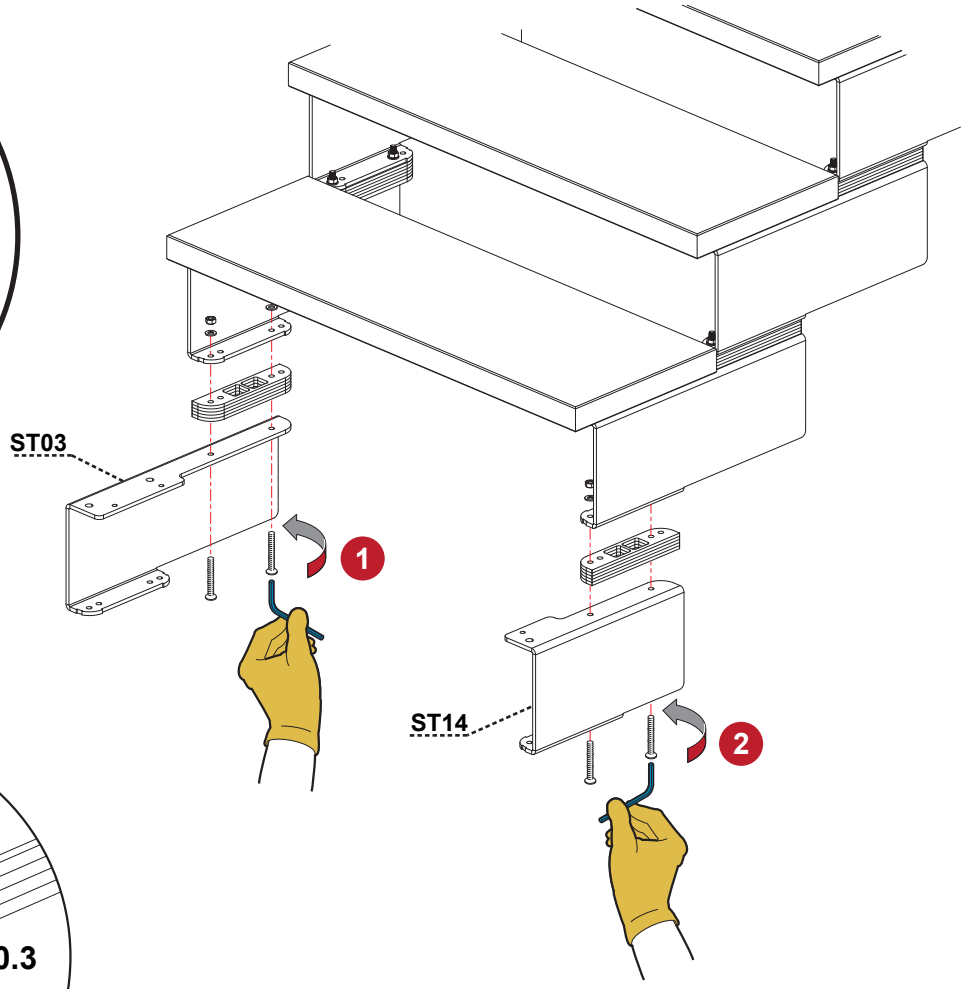
COUNTERCLOCKWISE

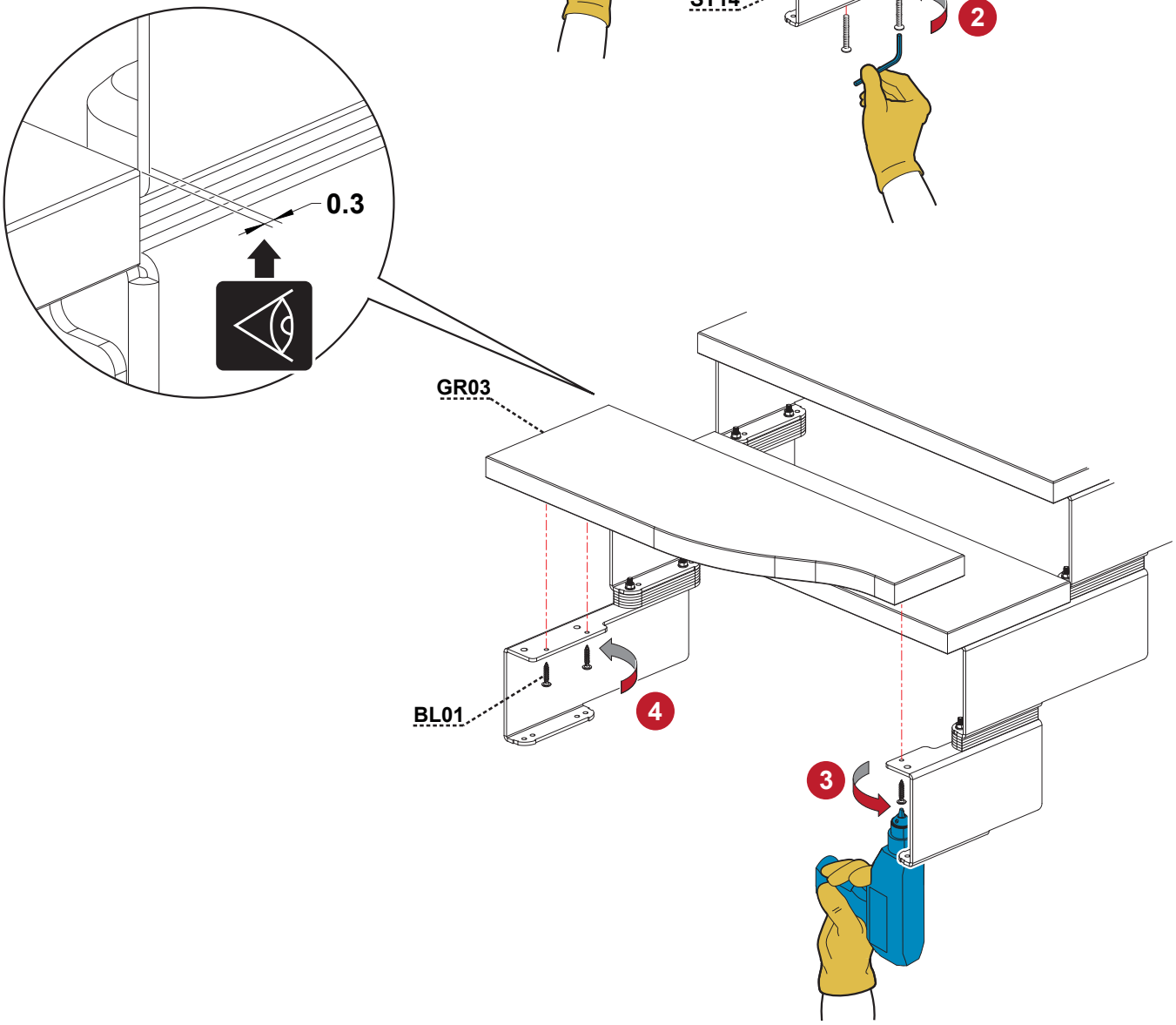


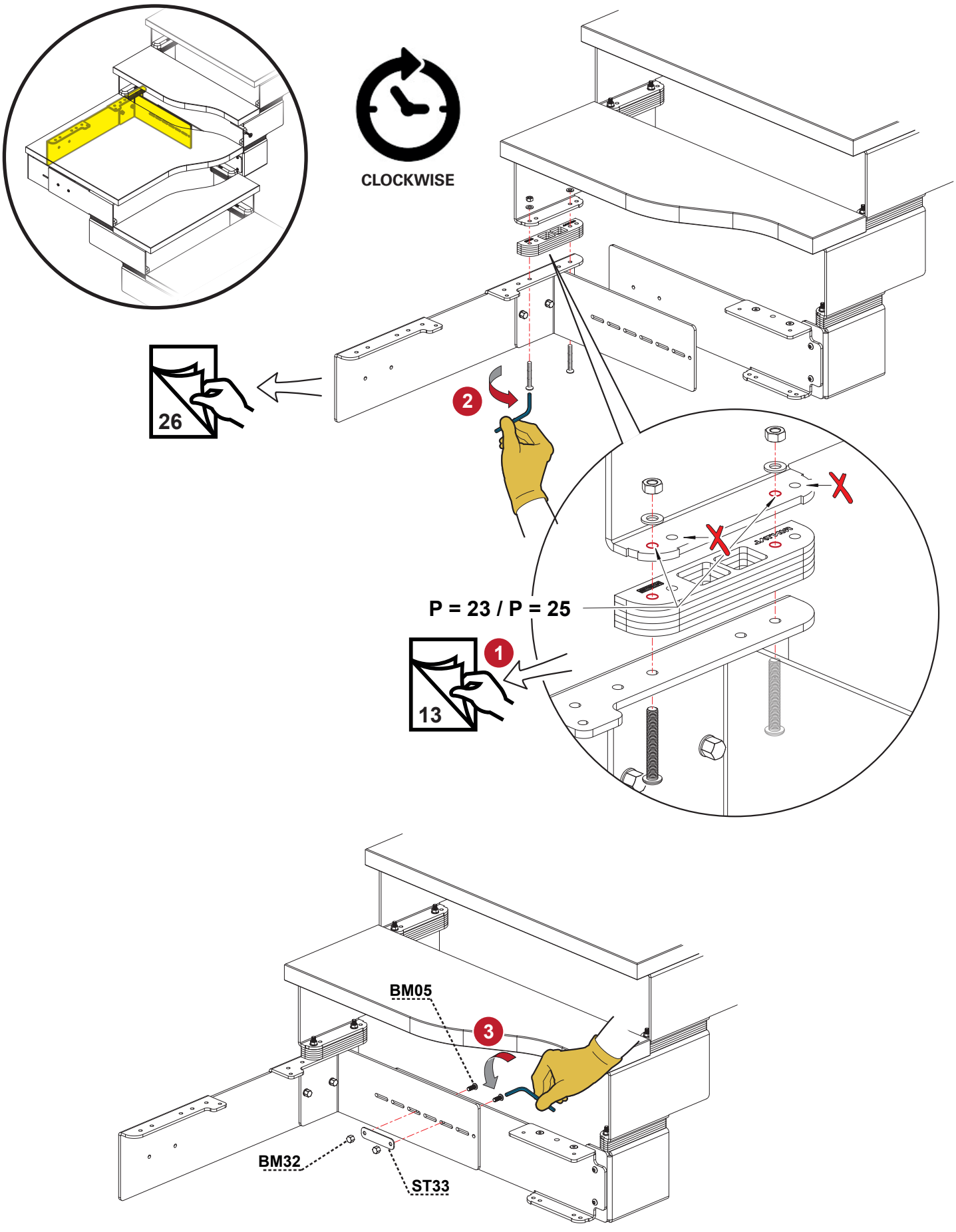


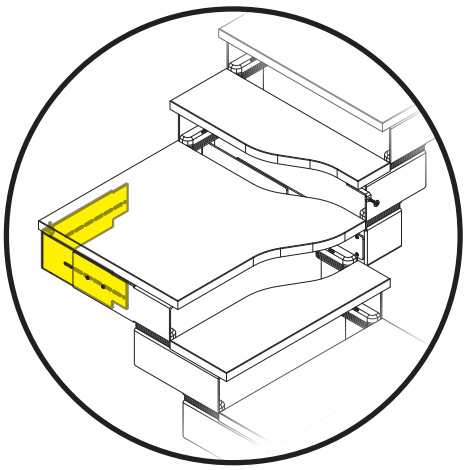


CLOCKWISE

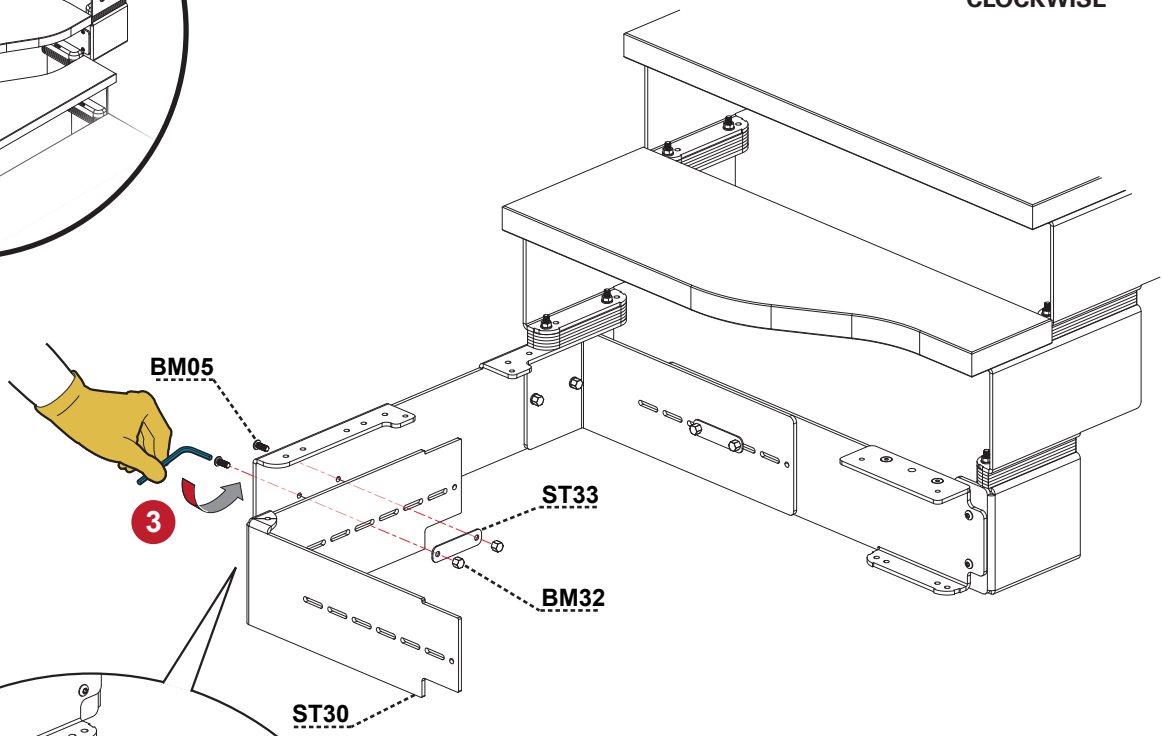


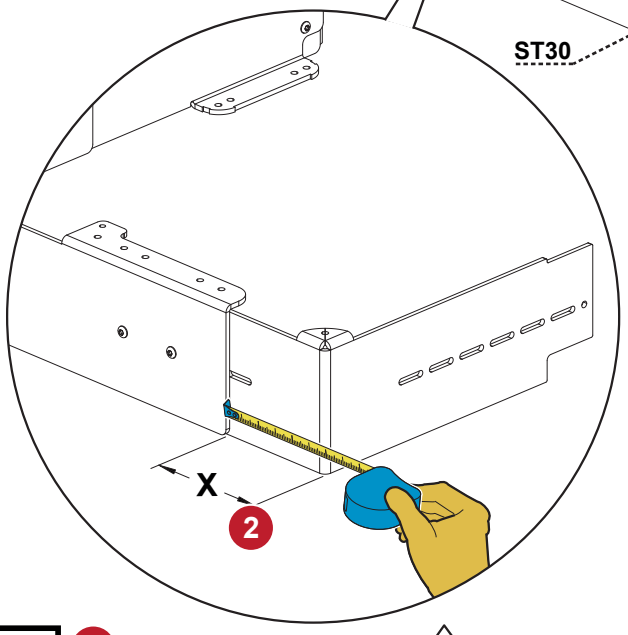


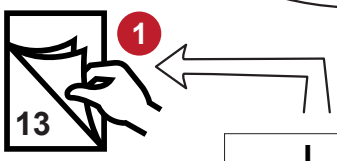

CLOCKWISE
26
2
P = 23 / P = 25
13
1
BM05
3
BM32
ST33



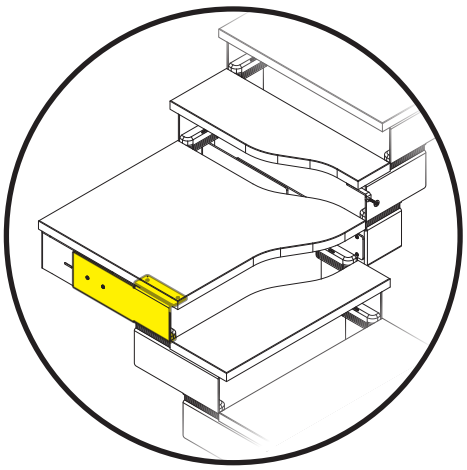
CLOCKWISE





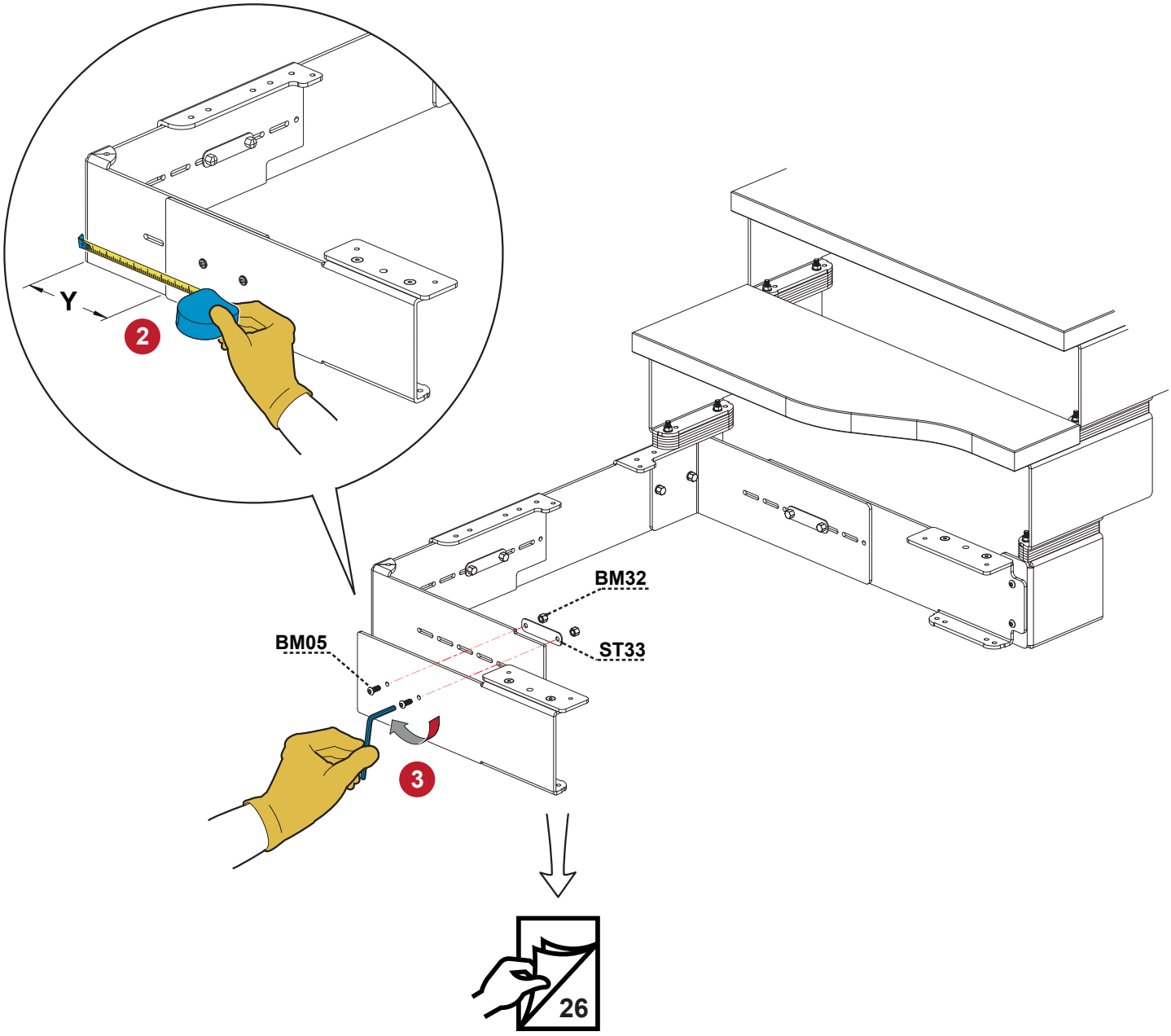


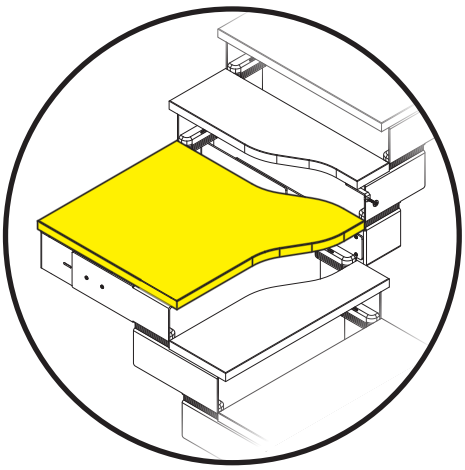
L	X
74	5.7
79	10.7
84	15.7
89	20.7
94	25.7



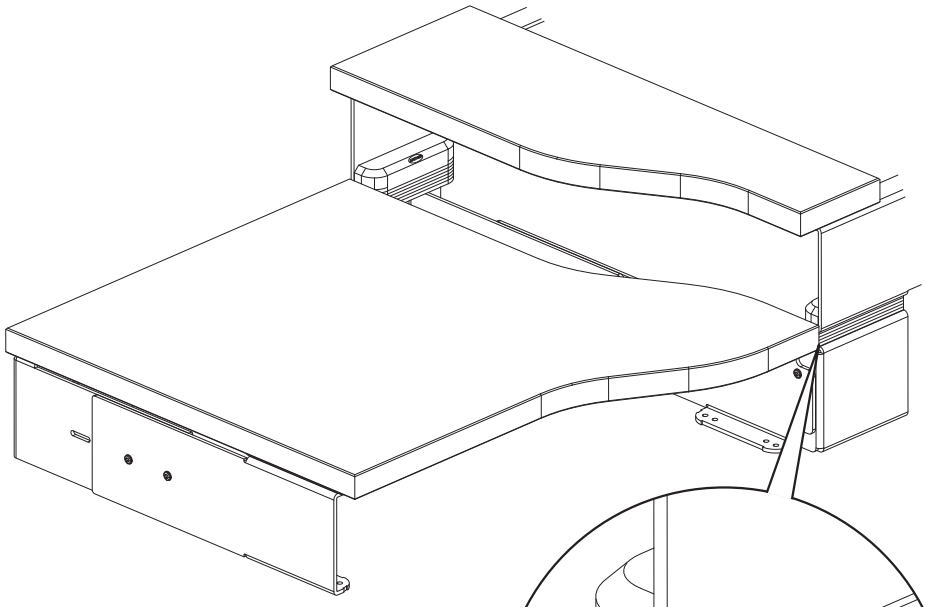
CLOCKWISE

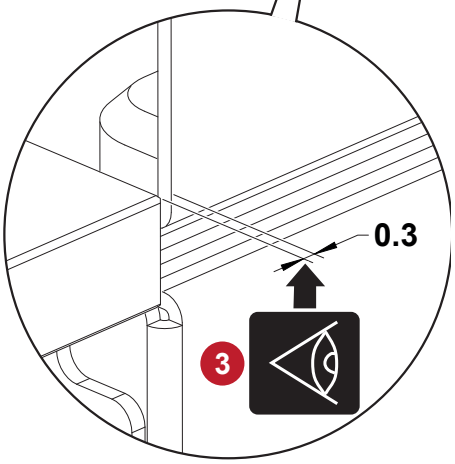
	P = 23	P = 25
L	Y	Y
74	5.1	7.1
79	10.1	12.1
84	15.1	17.1
89	20.1	22.1
94	25.1	27.1

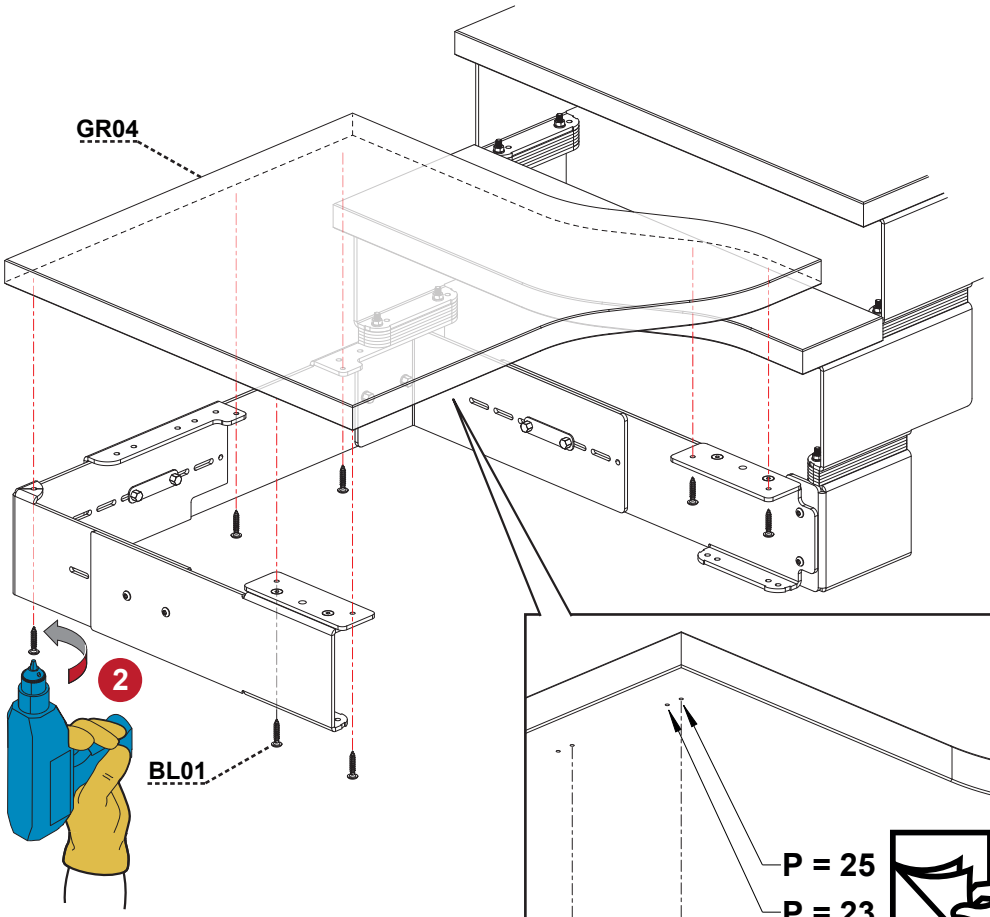


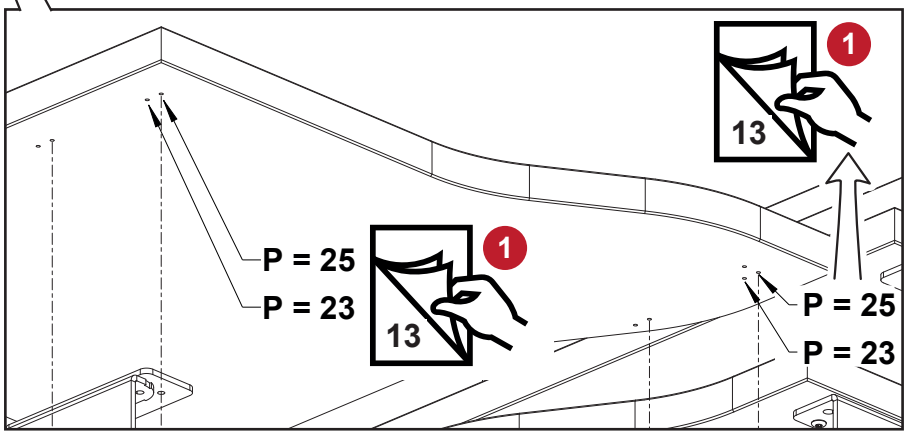


CLOCKWISE

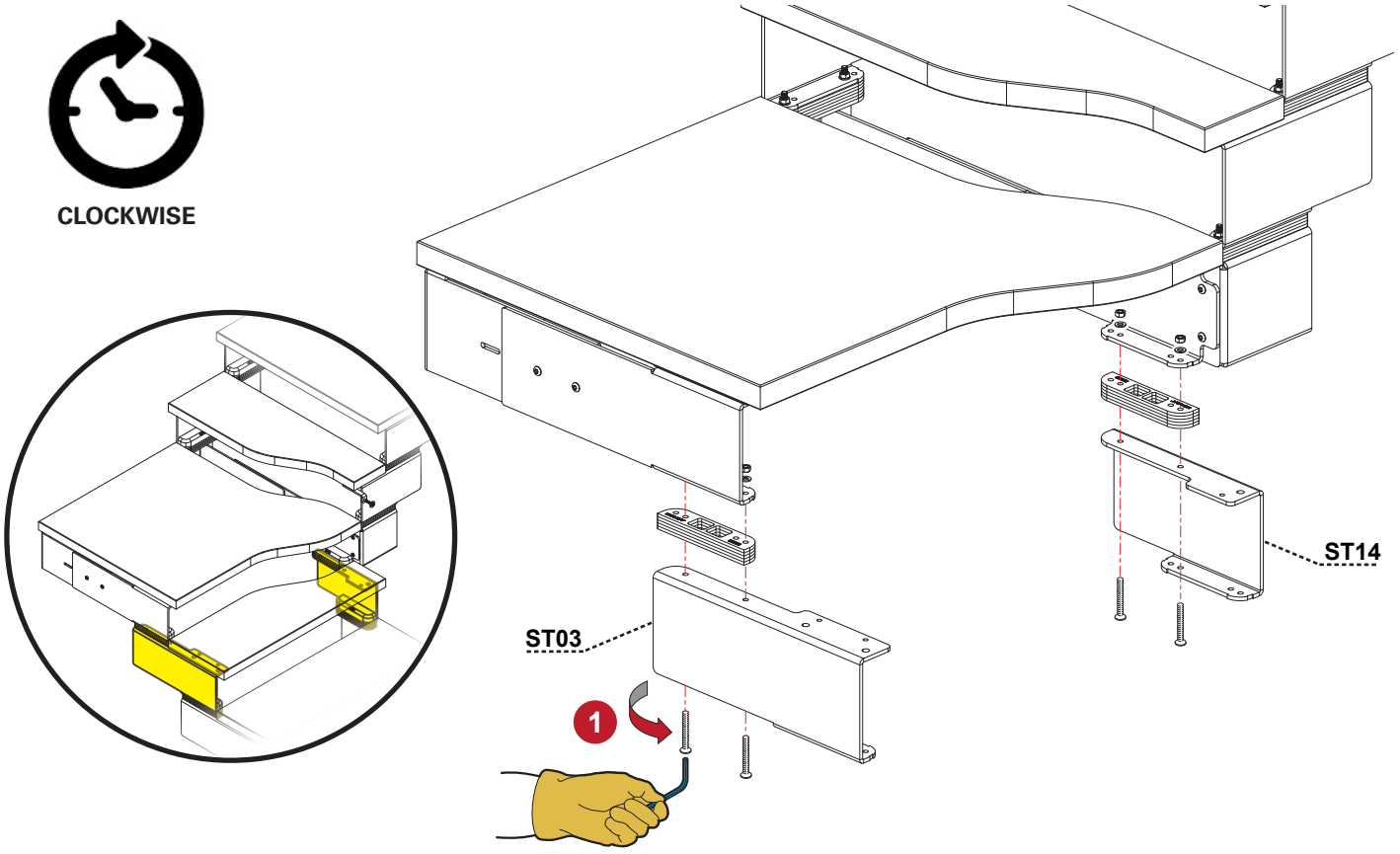




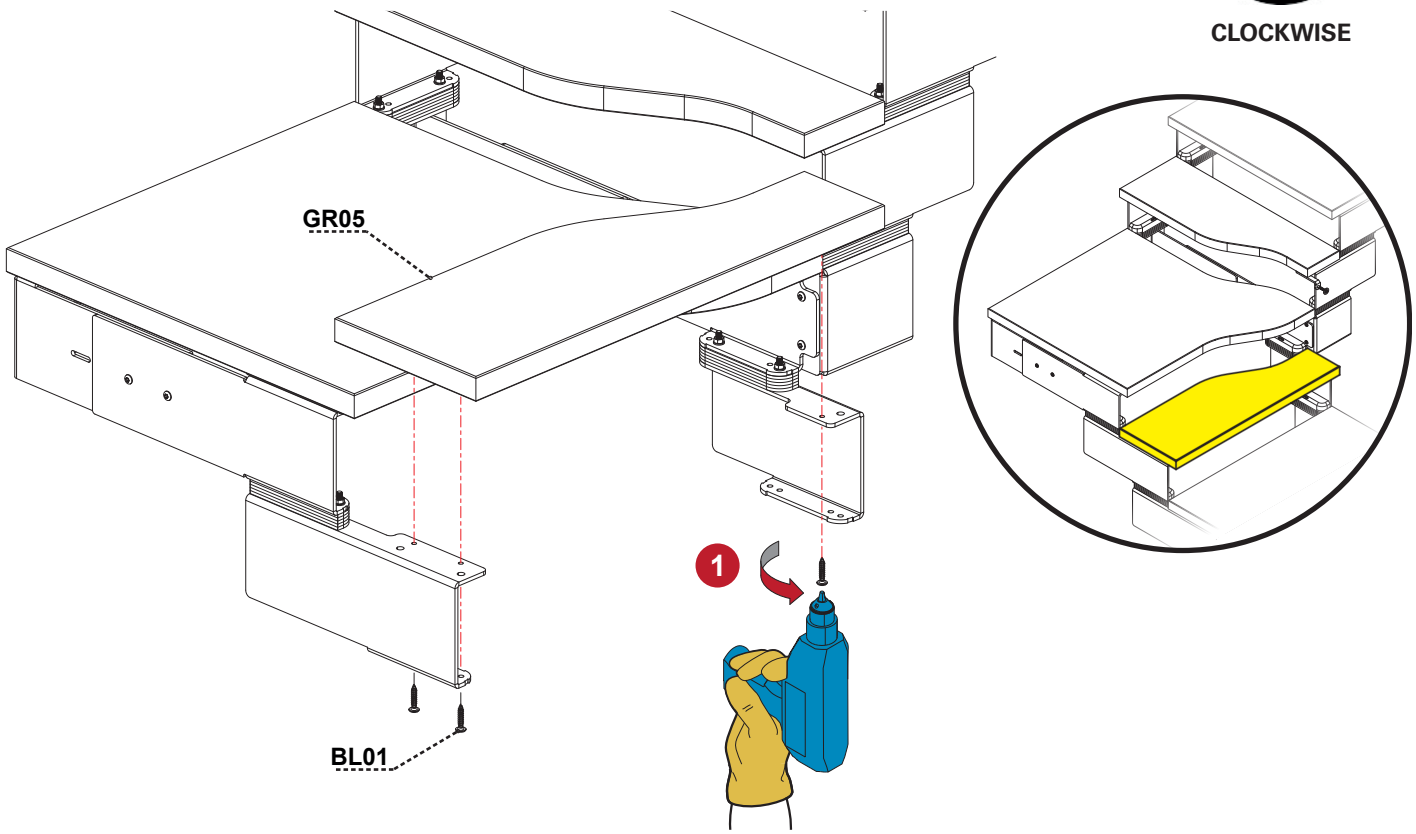


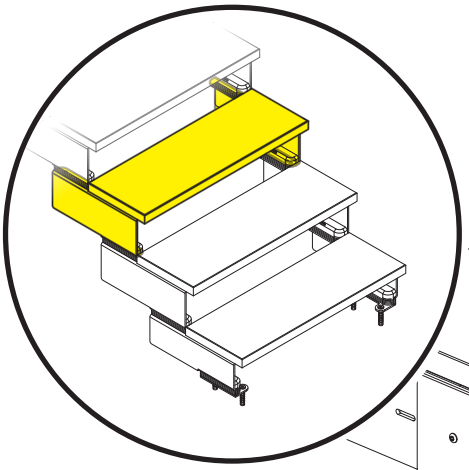


CLOCKWISE

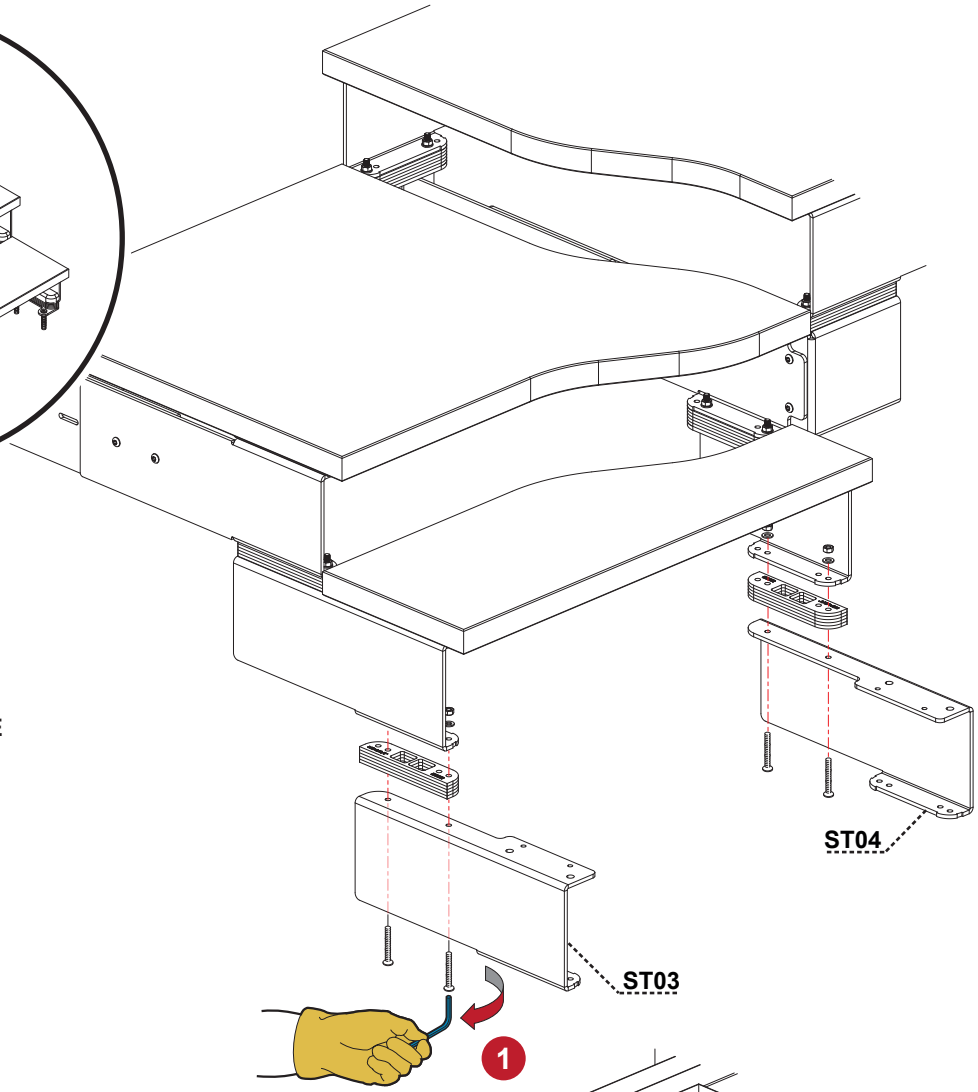


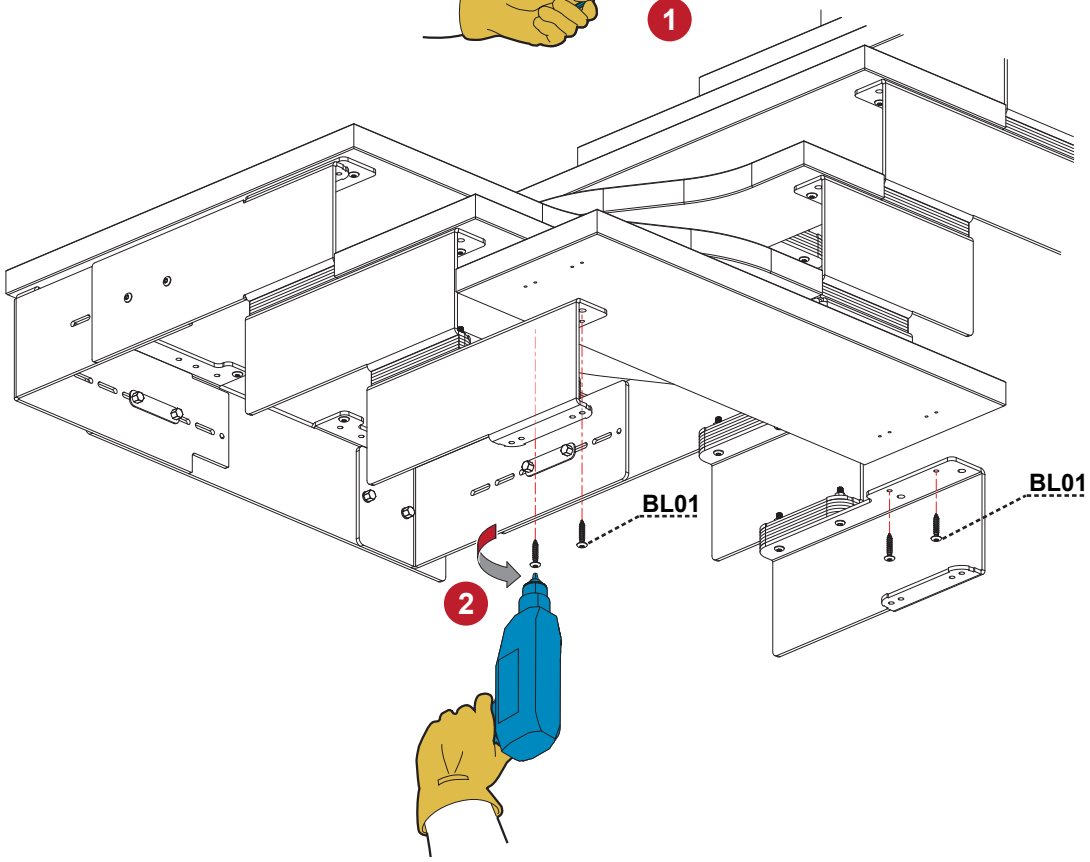
CLOCKWISE

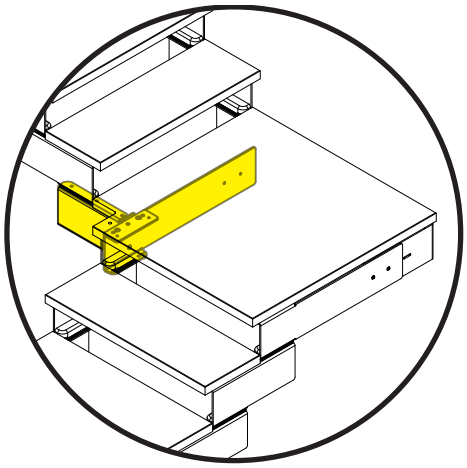




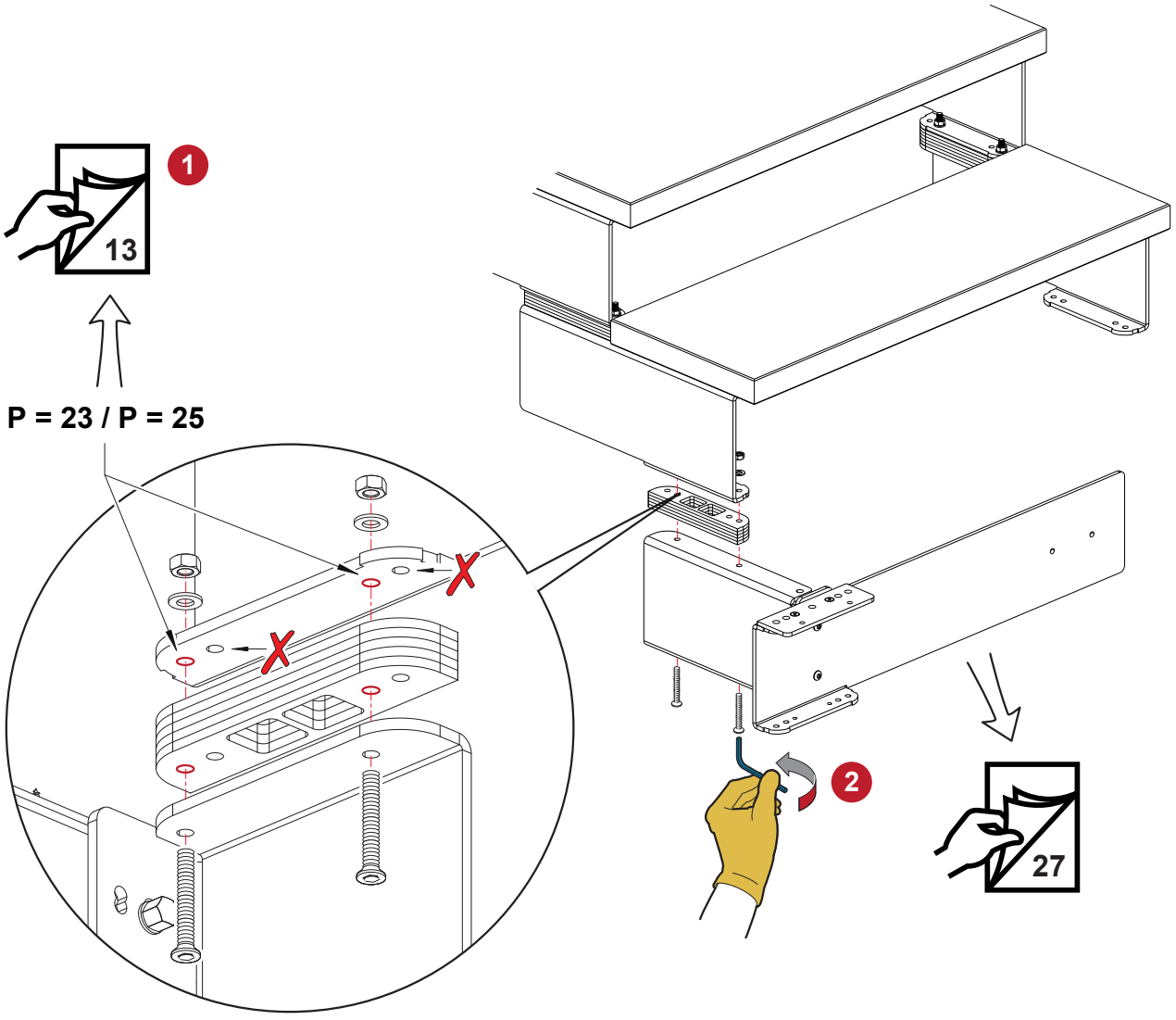
COUNTERCLOCKWISE

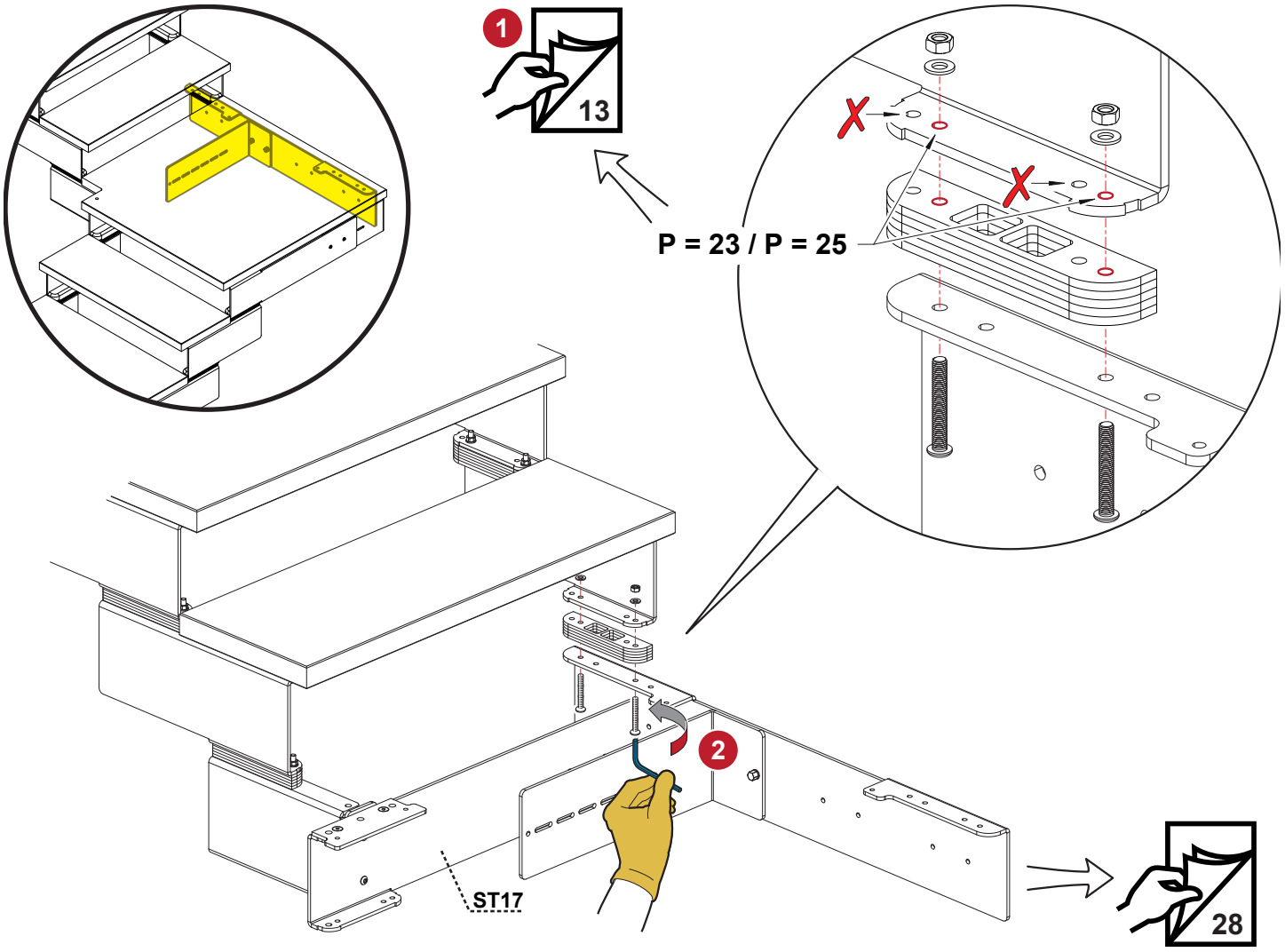


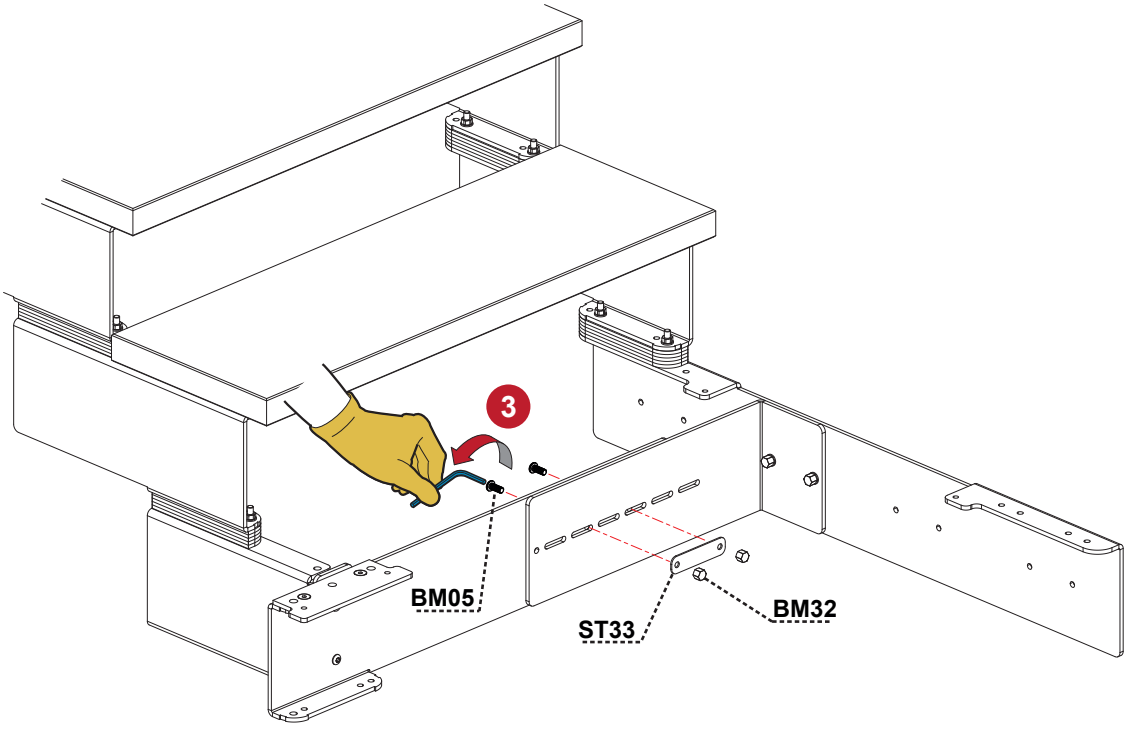


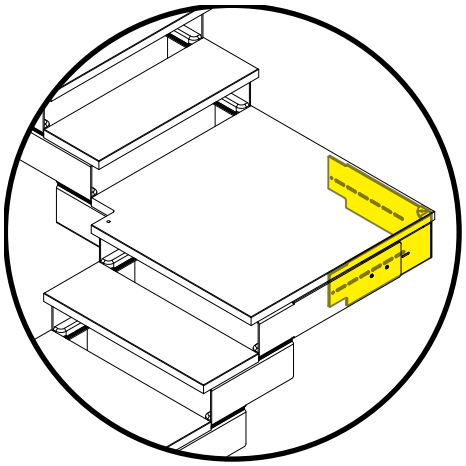


COUNTERCLOCKWISE

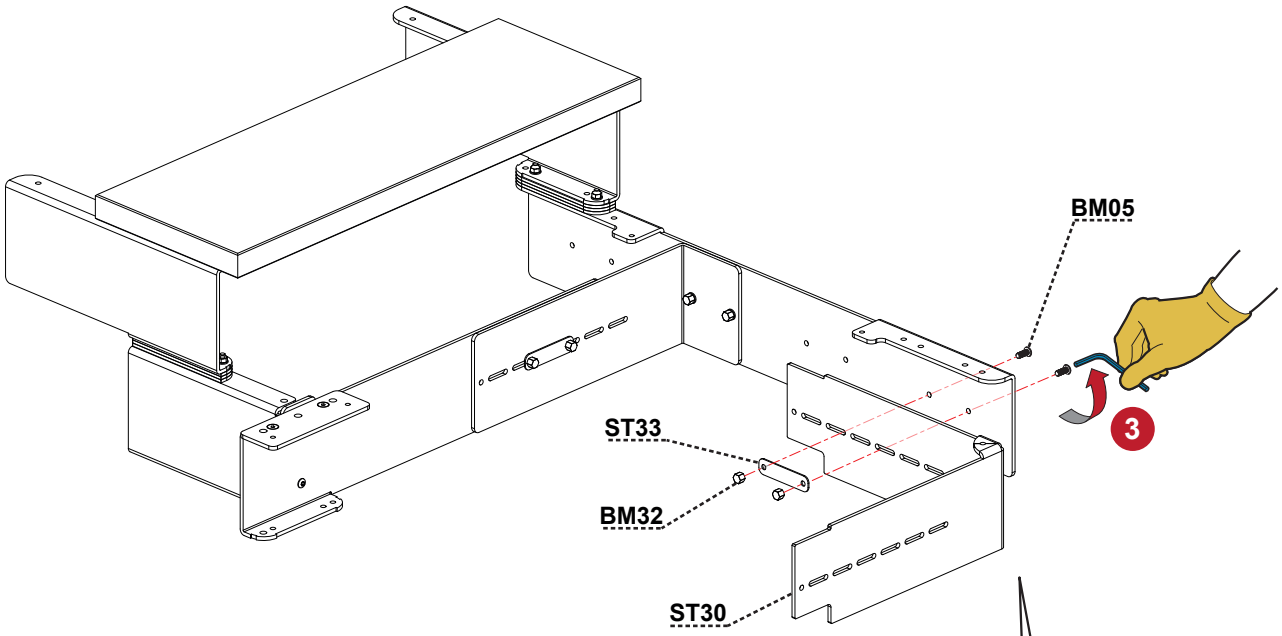


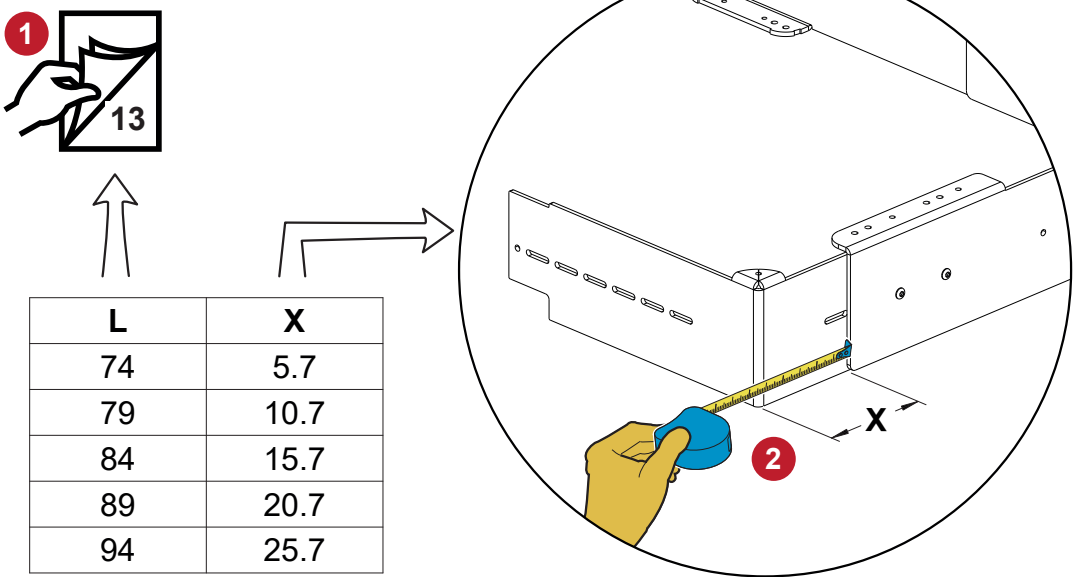

1
13
P = 23 / P = 25
2
ST17
28


3
BM05
ST33
BM32

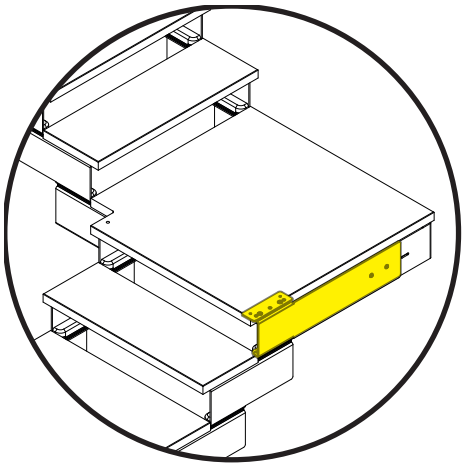


COUNTERCLOCKWISE



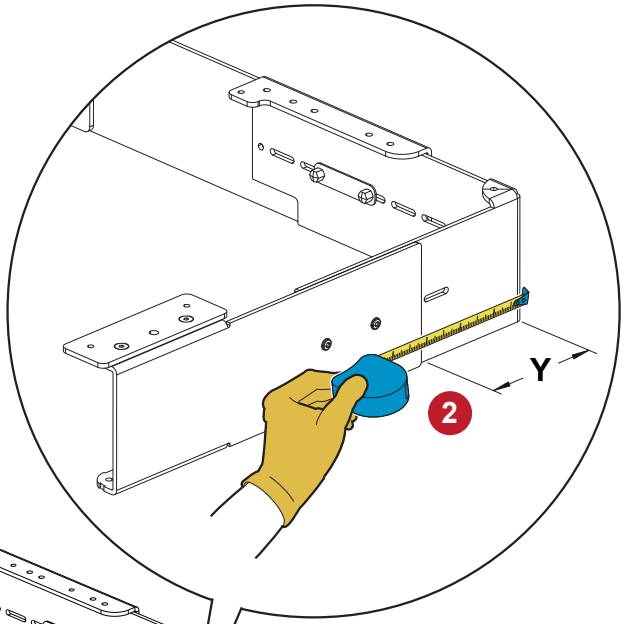


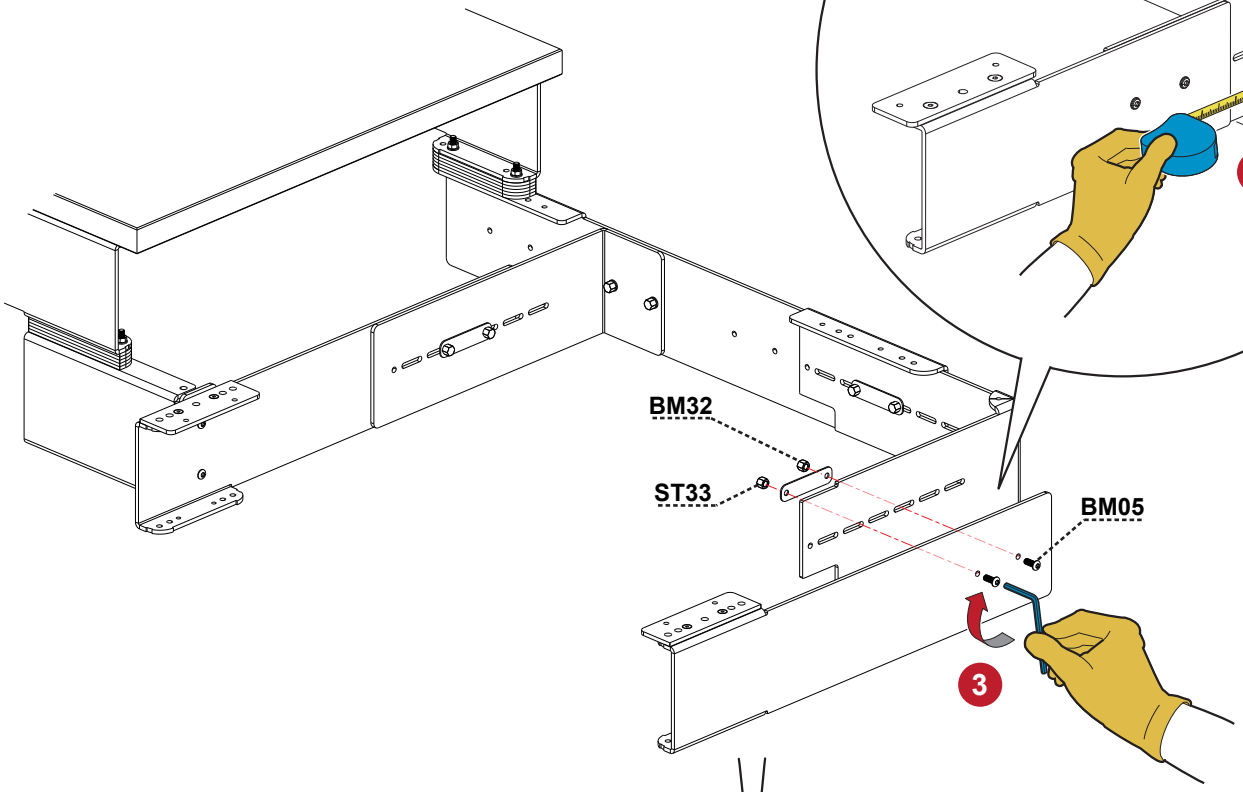
L	X
74	5.7
79	10.7
84	15.7
89	20.7
94	25.7

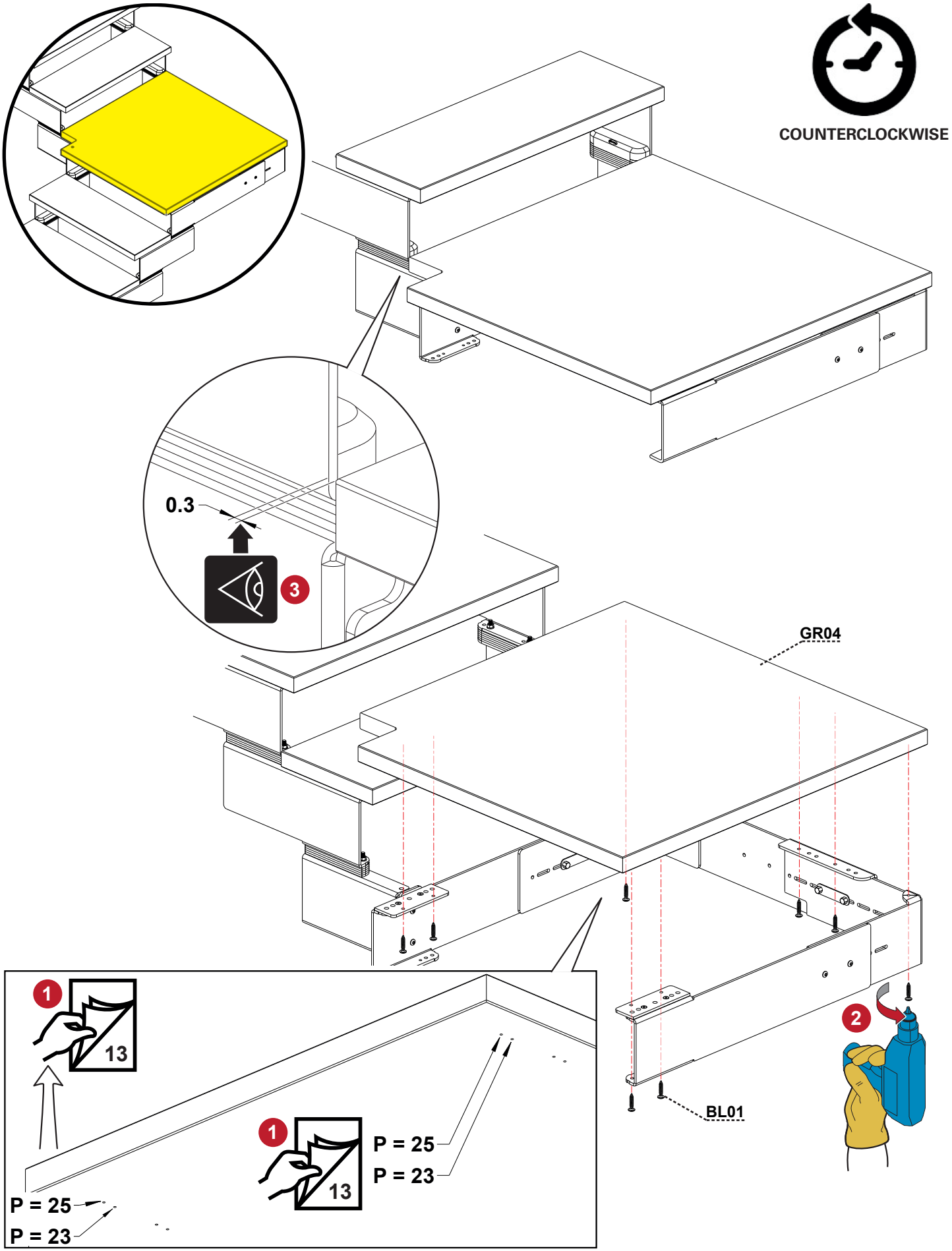


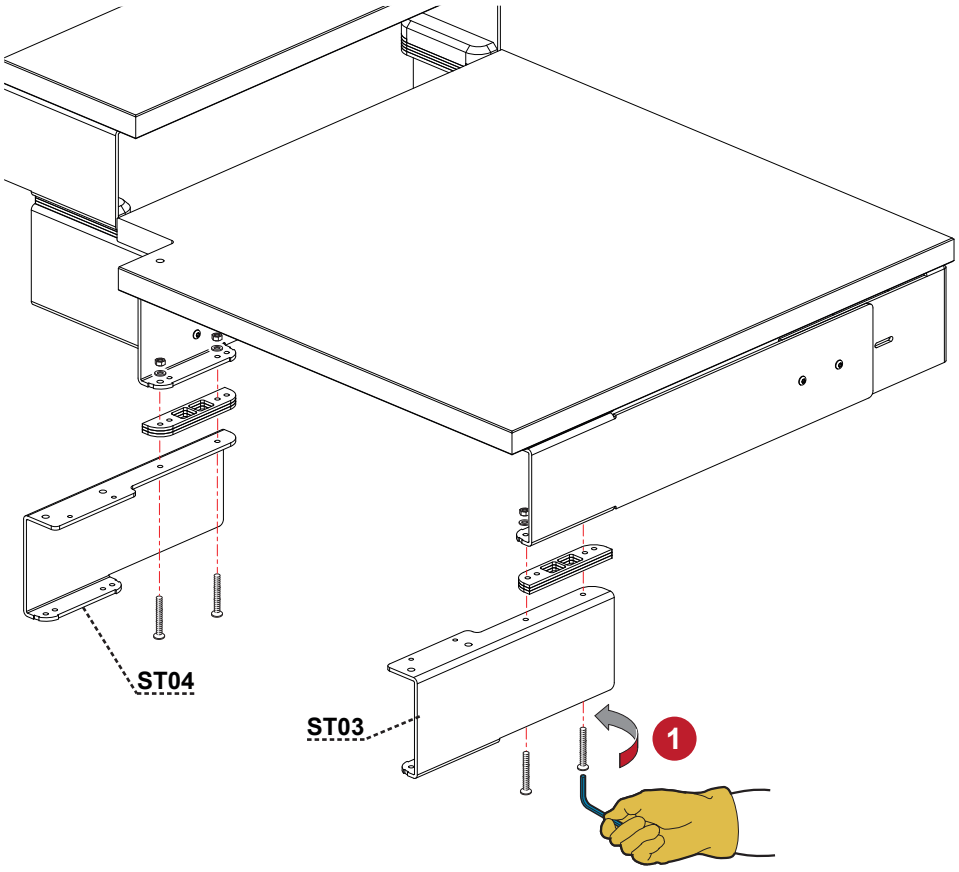
	P = 23	P = 25
L	Y	Y
74	5.1	7.1
79	10.1	12.1
84	15.1	17.1
89	20.1	22.1
94	25.1	27.1

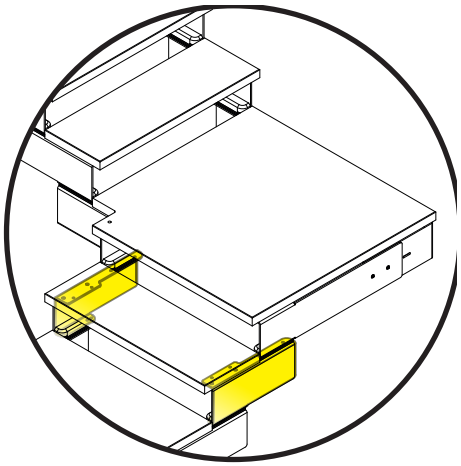
COUNTERCLOCKWISE






COUNTERCLOCKWISE
0.3
3
GR04
BL01
2
1
13
P = 25
P = 23
1
13
P = 25
P = 23





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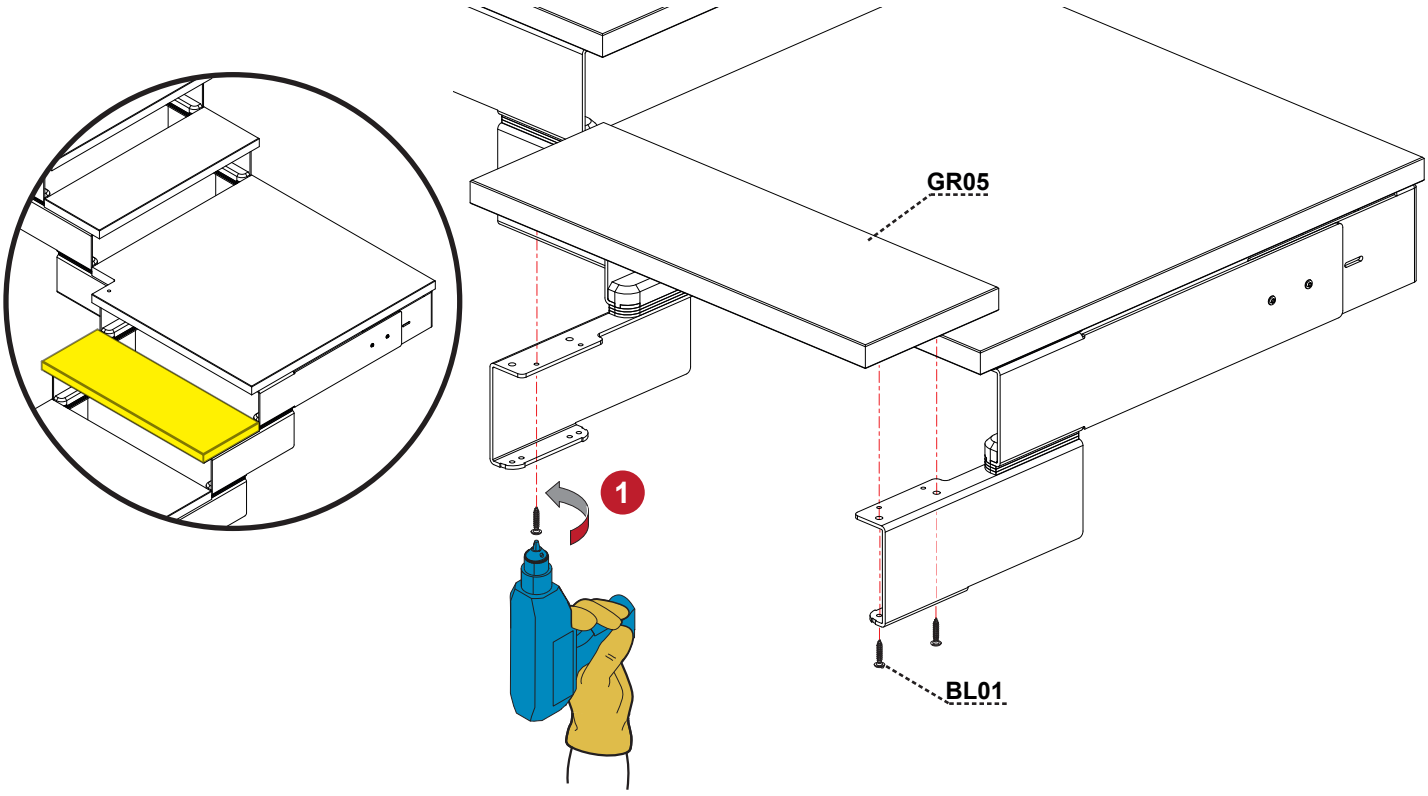
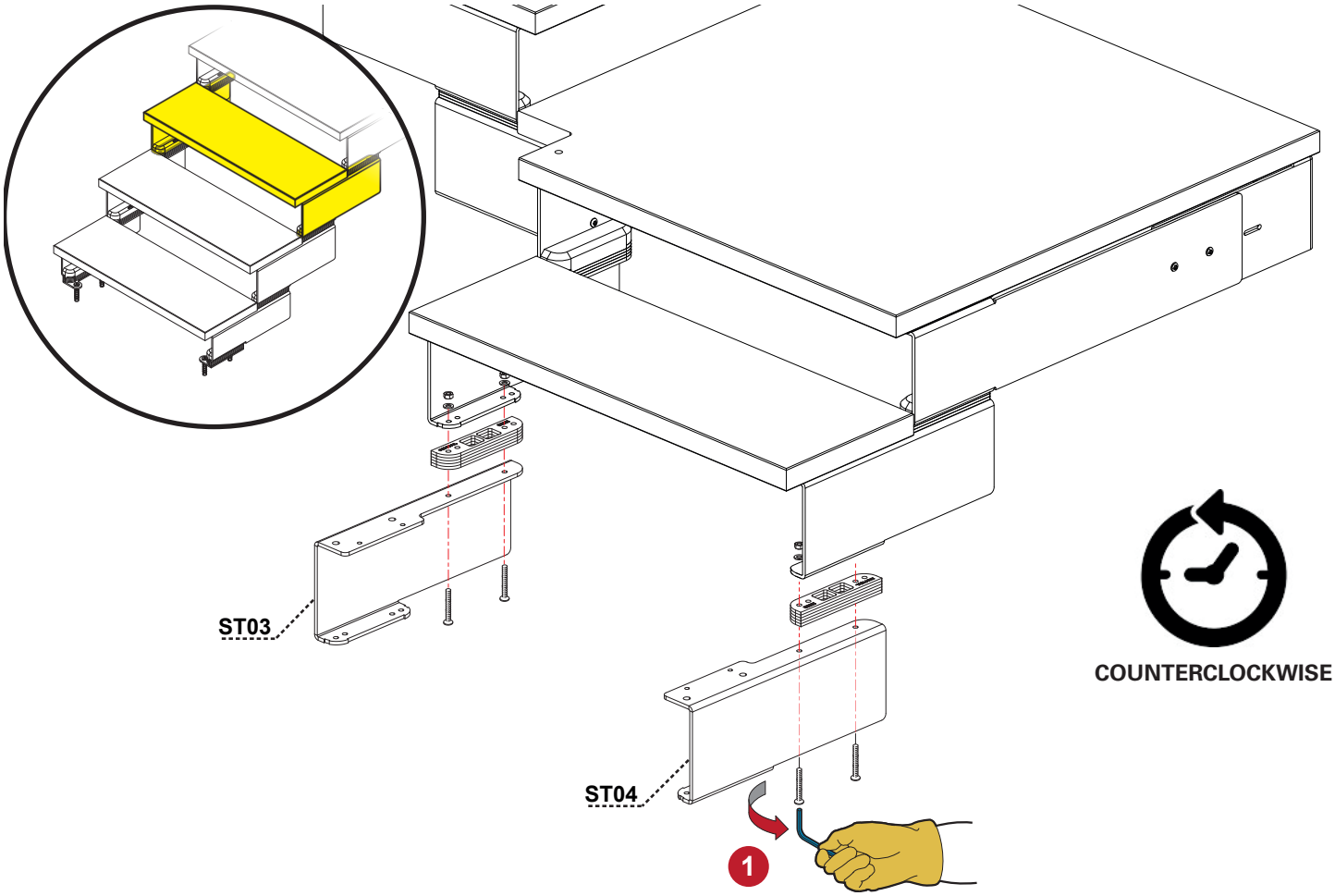
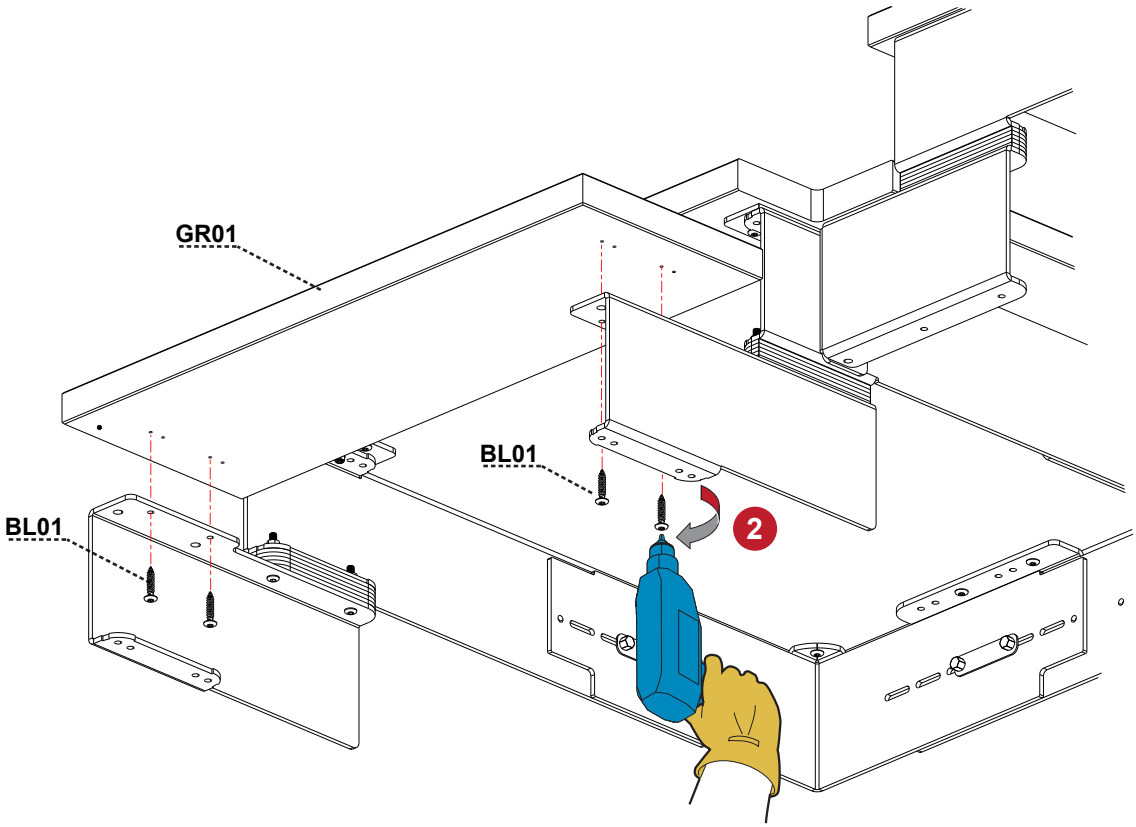



ST03
ST04
1
COUNTERCLOCKWISE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BL01
BL01
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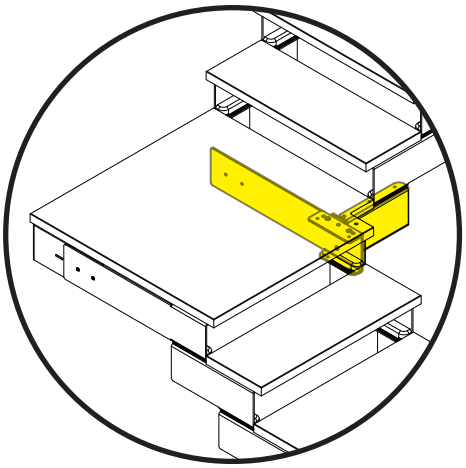

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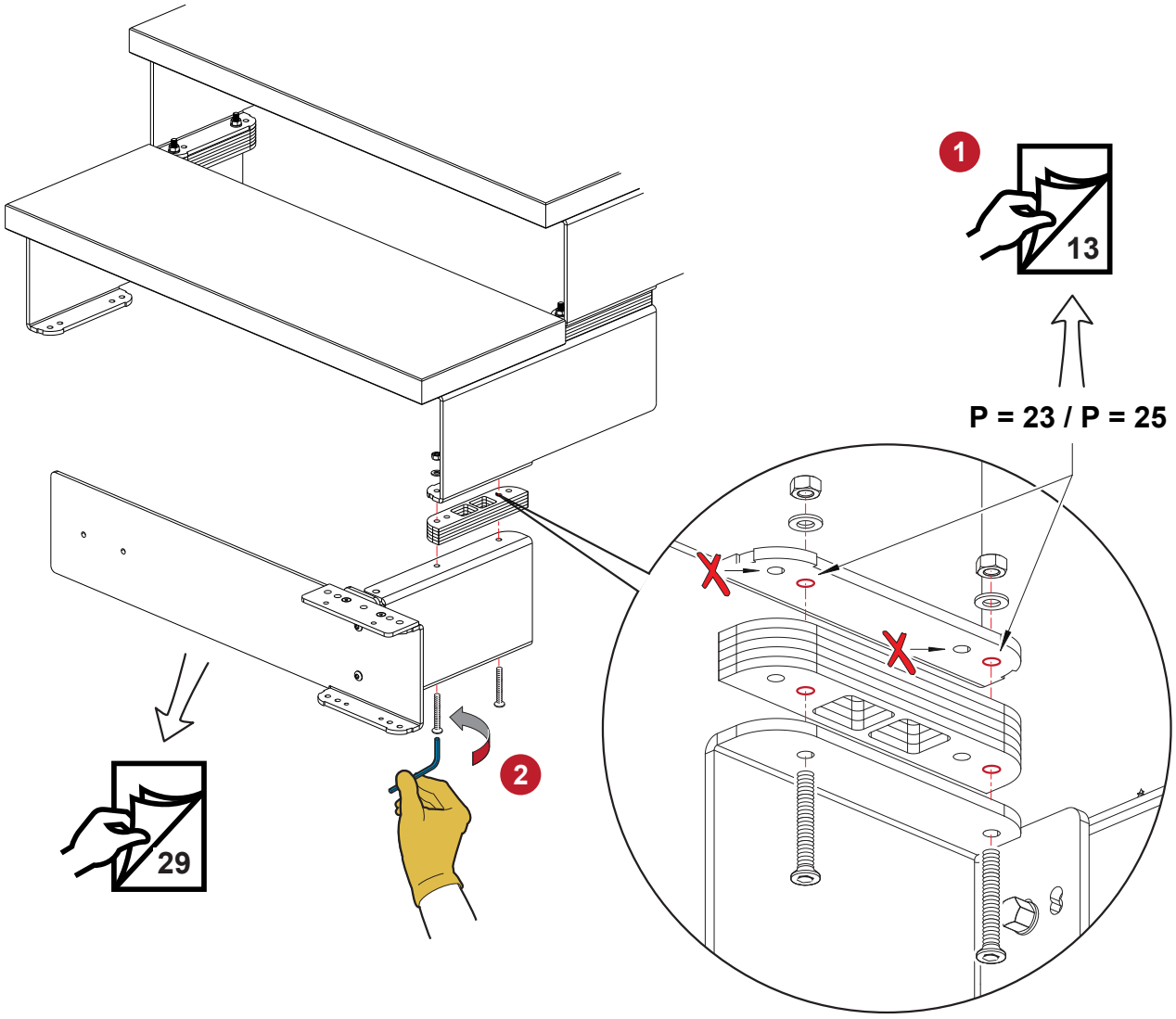
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X
X
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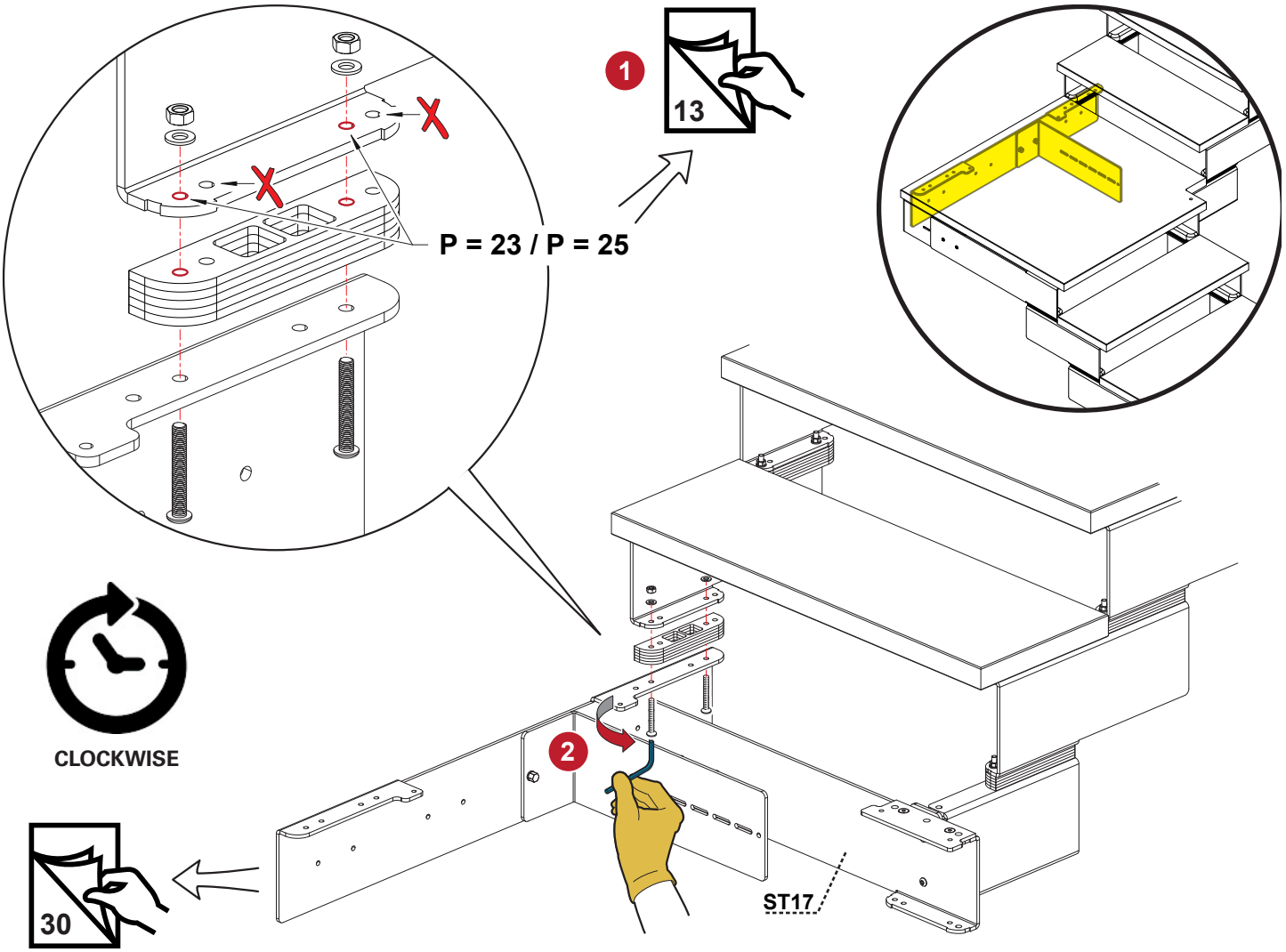
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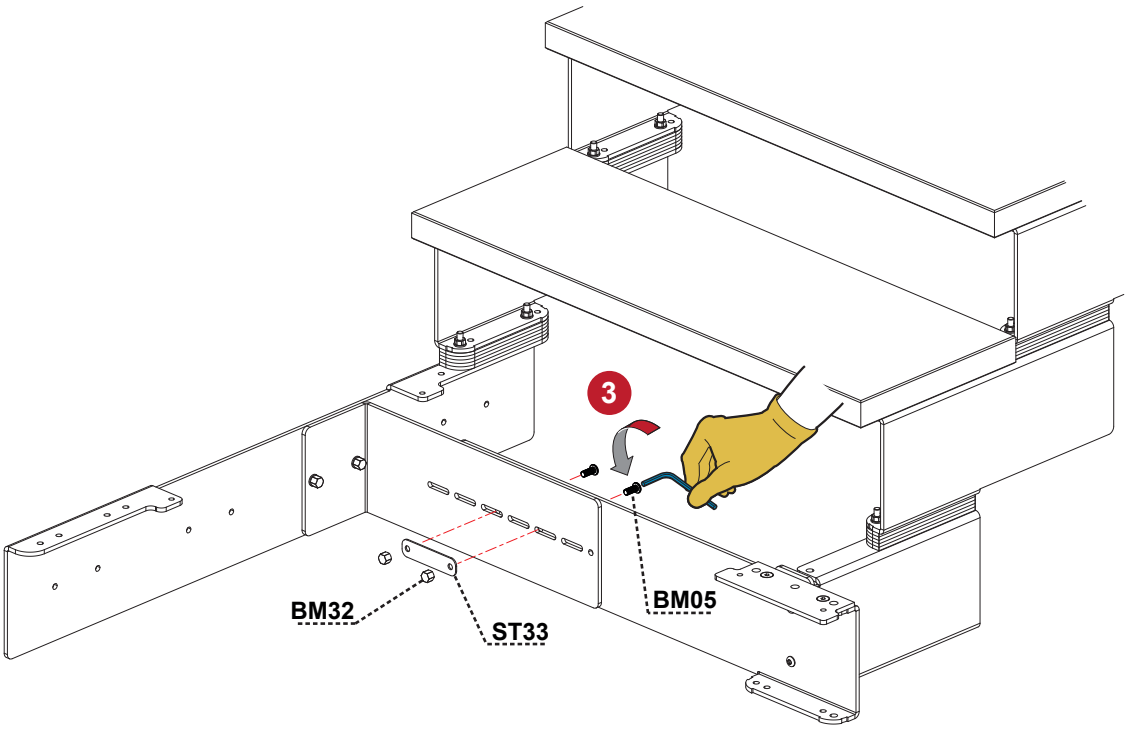
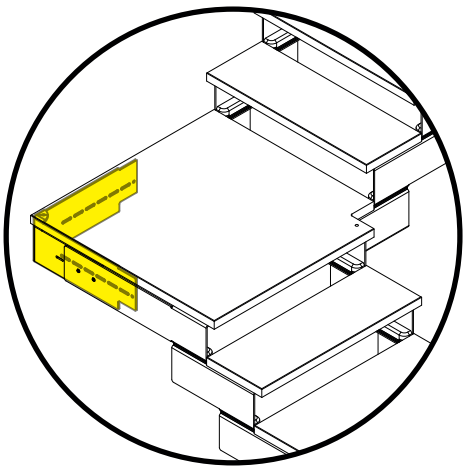
X
X
P = 23 / P = 25
CLOCKWISE
2
30
ST17


3
BM32
ST33
BM05



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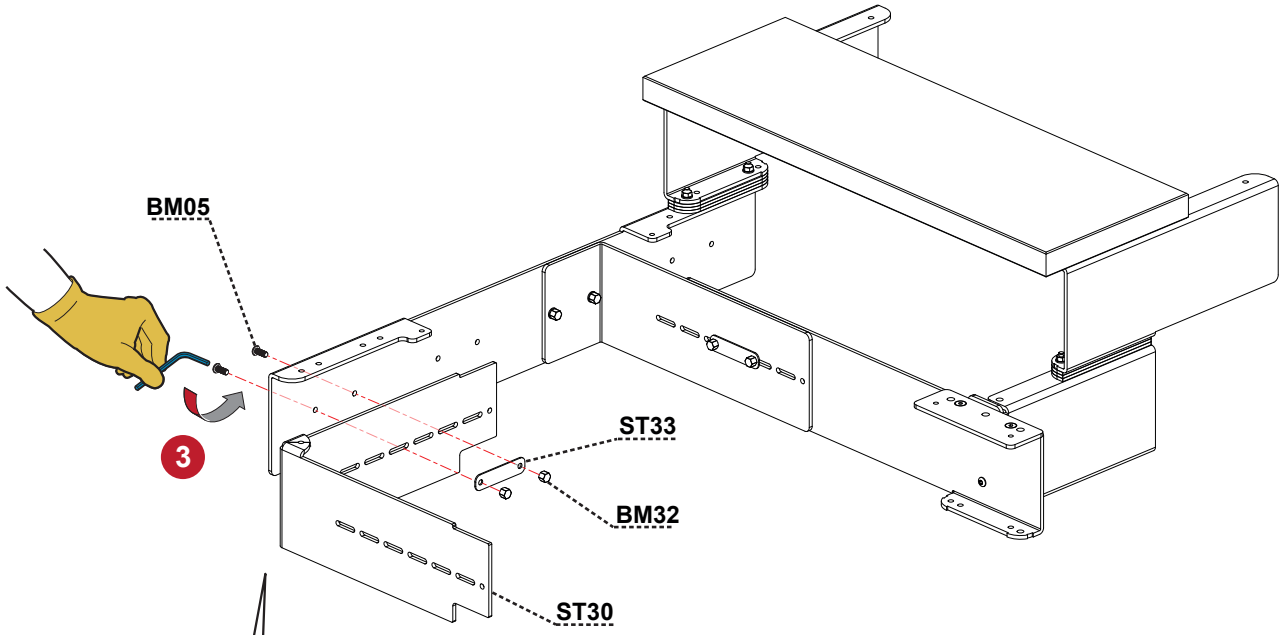
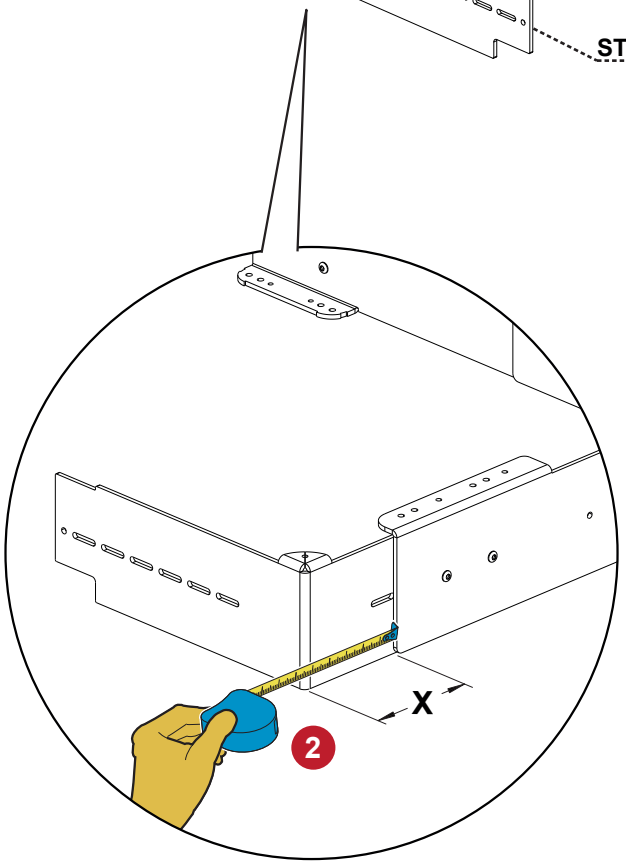
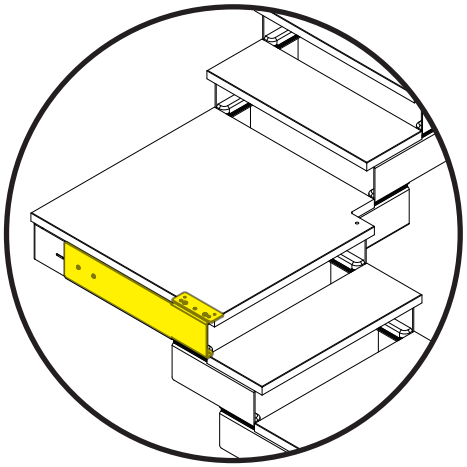




L	X
74	5.7
79	10.7
84	15.7
89	20.7
94	25.7

	P = 23	P = 25
L	Y	Y
74	5.1	7.1
79	10.1	12.1
84	15.1	17.1
89	20.1	22.1
94	25.1	27.1



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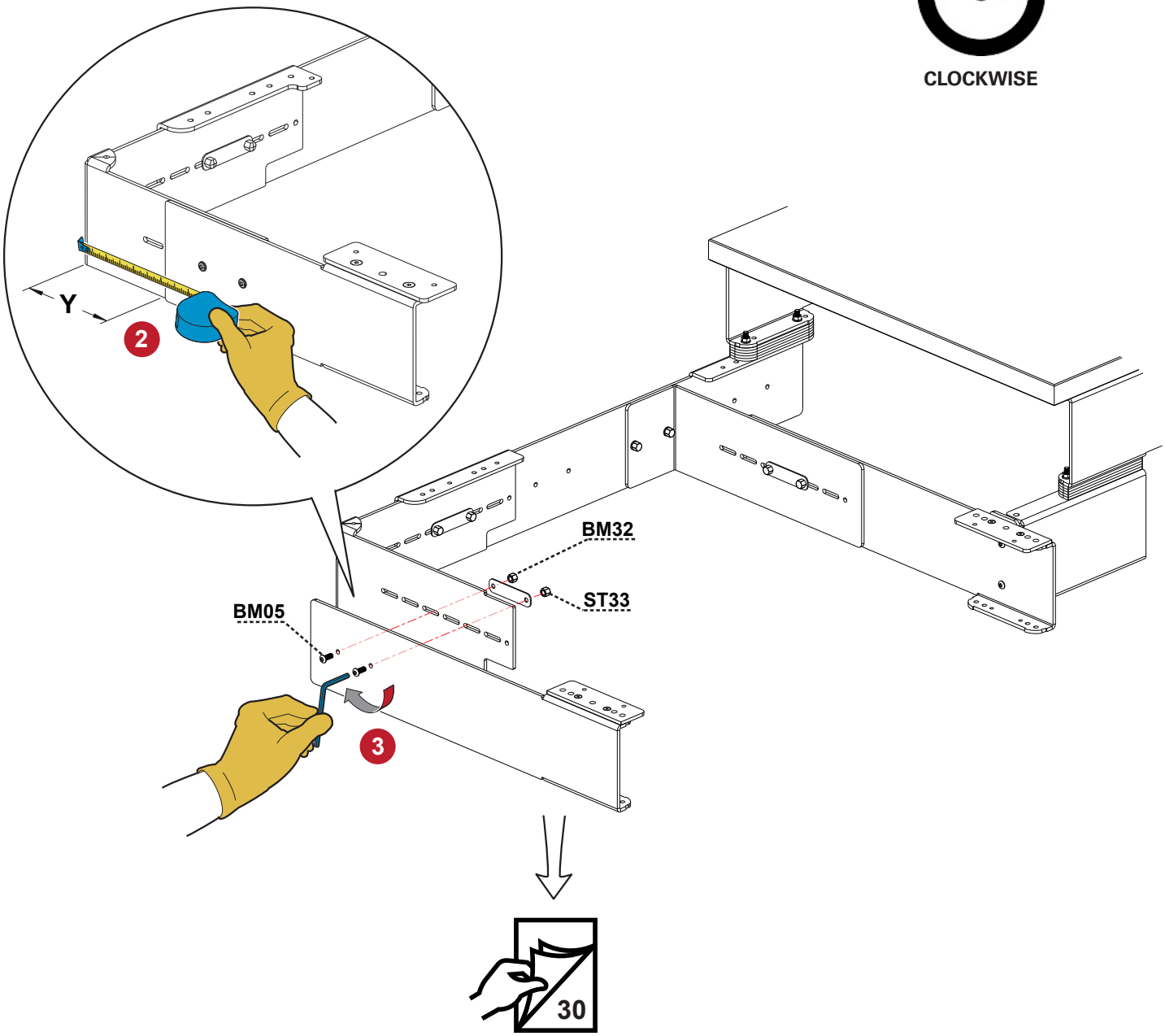

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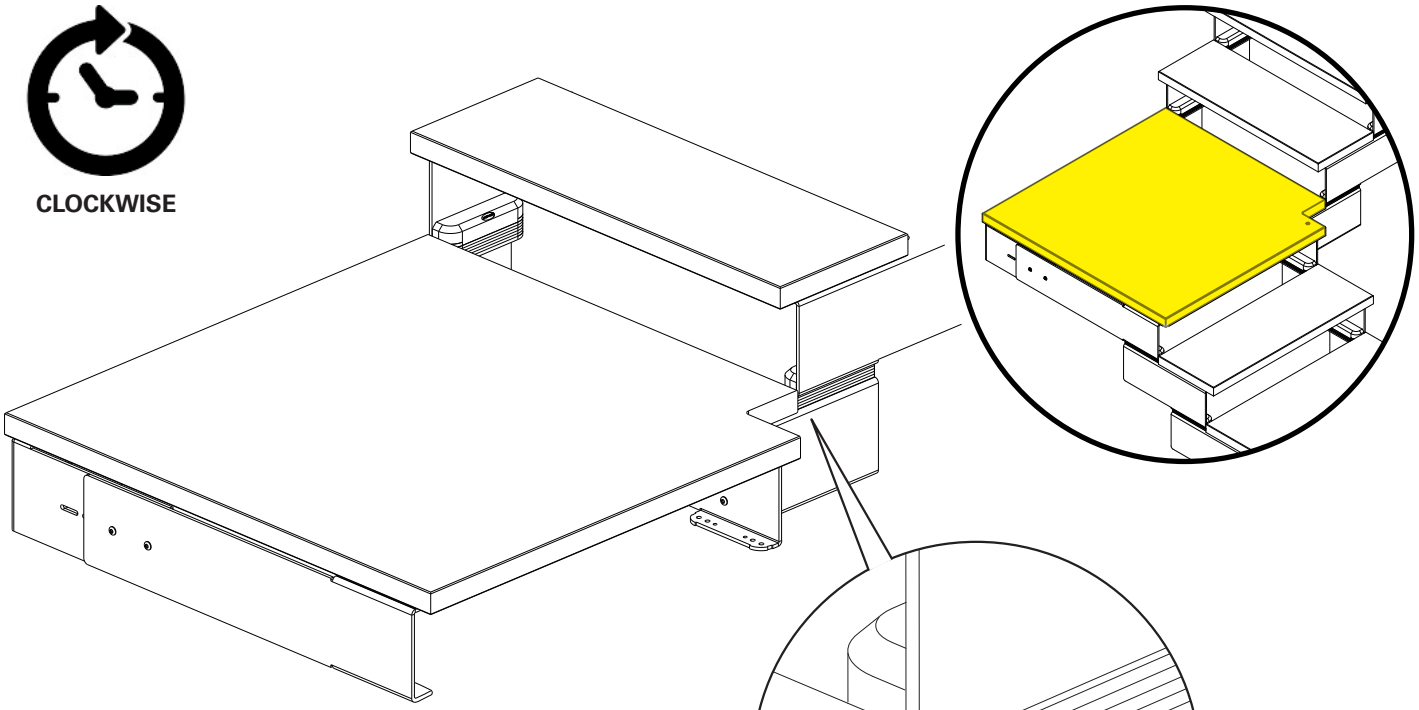

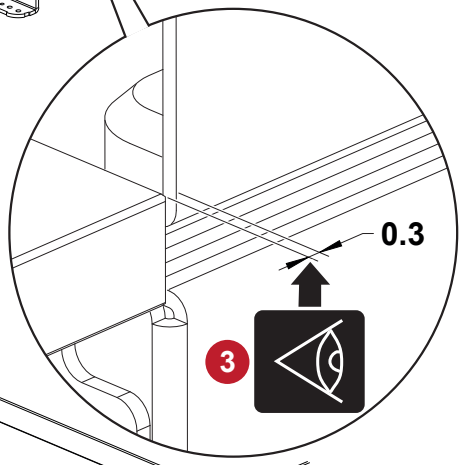

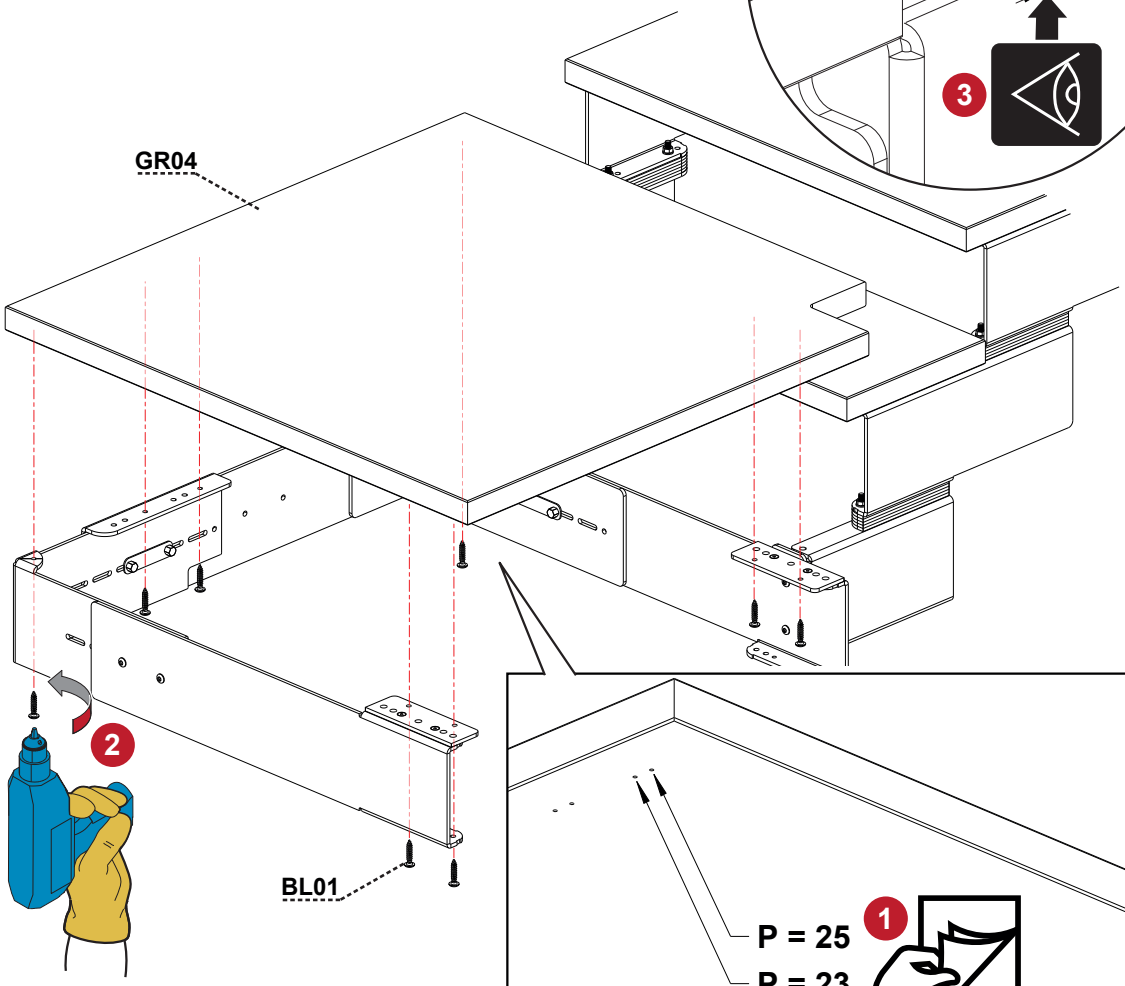

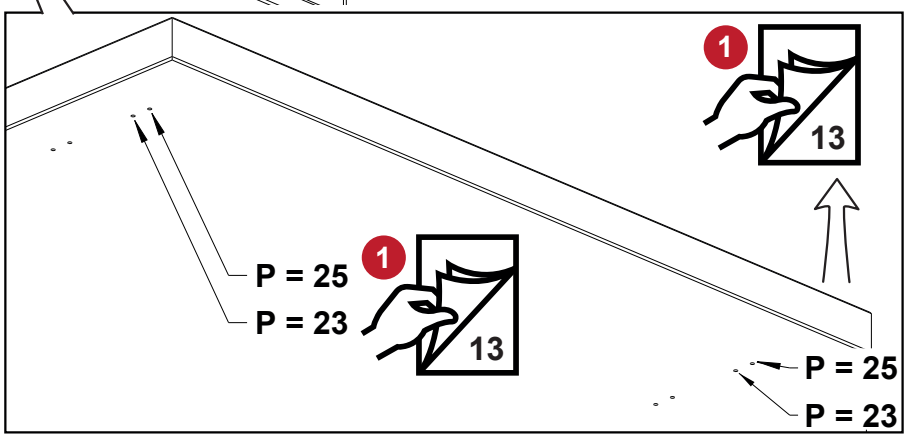

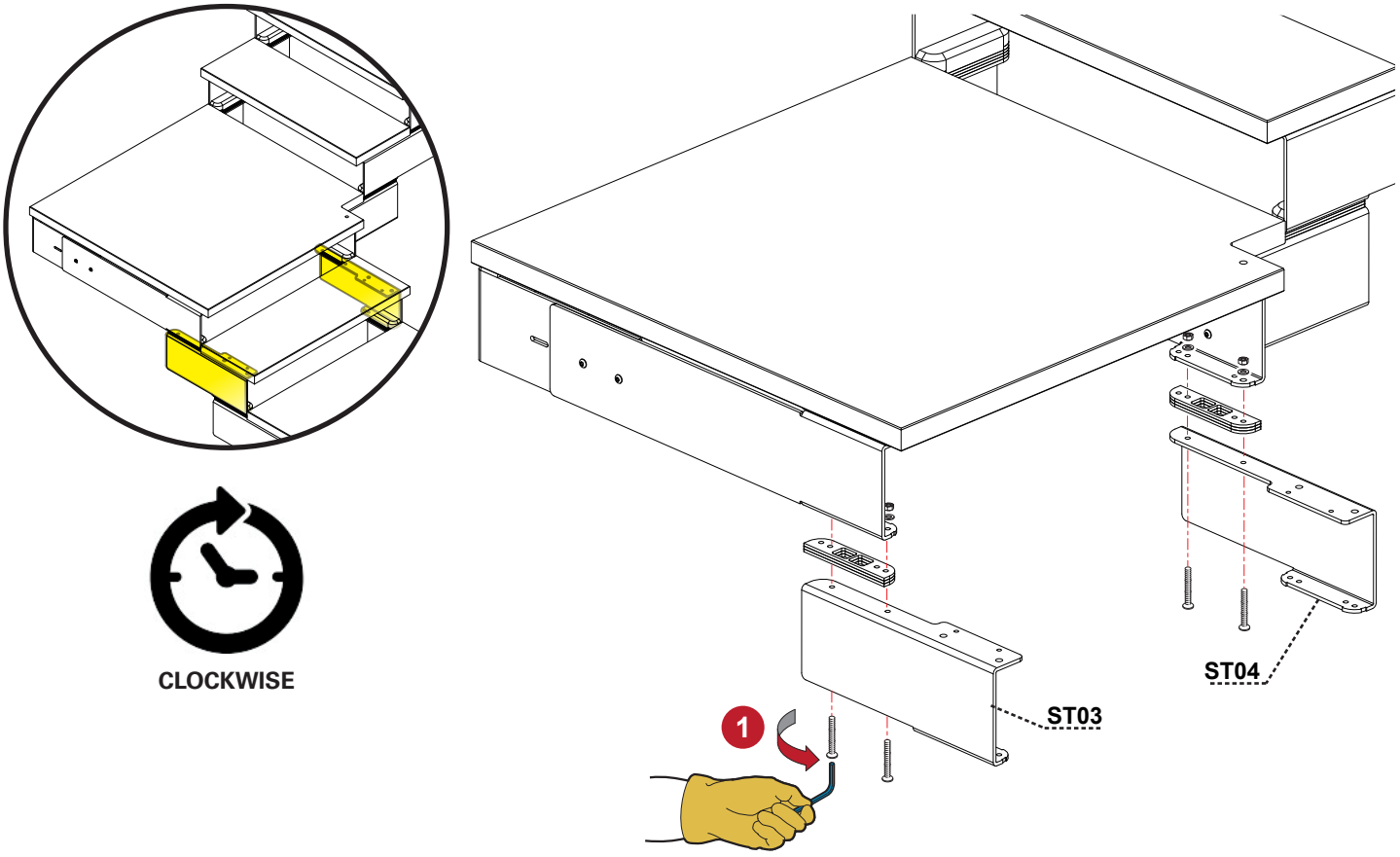
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ST03
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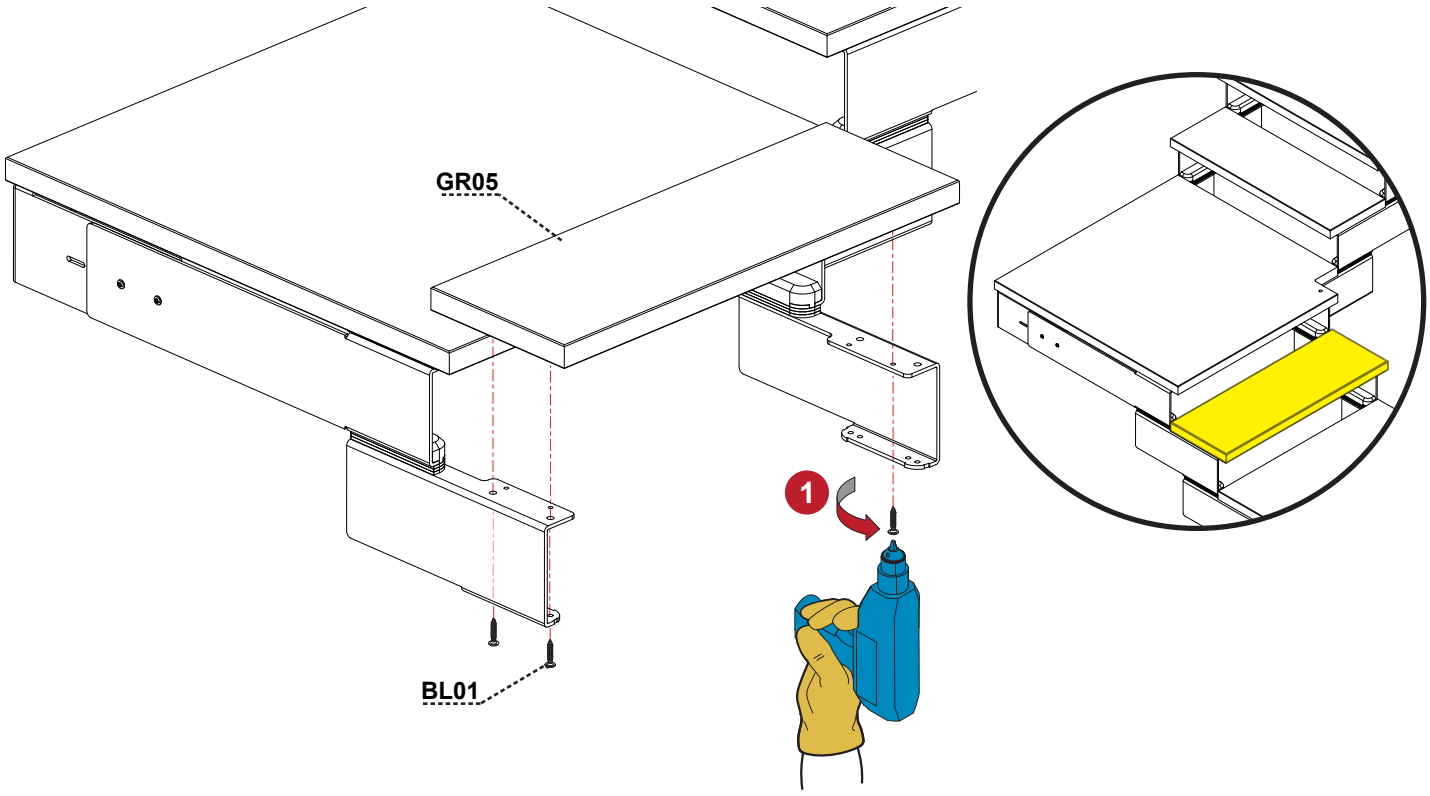
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BL01
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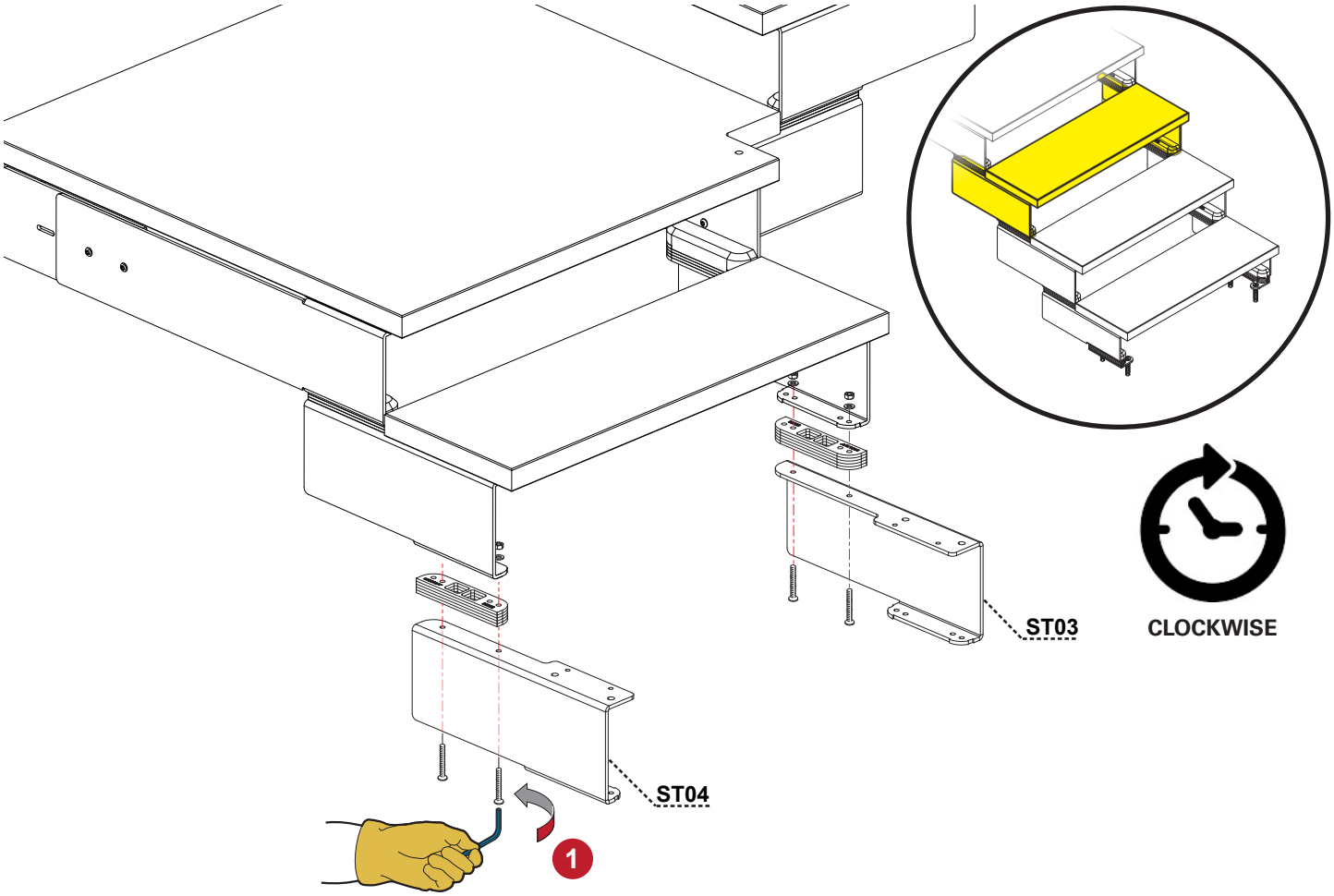
ST03
CLOCKWISE
ST04
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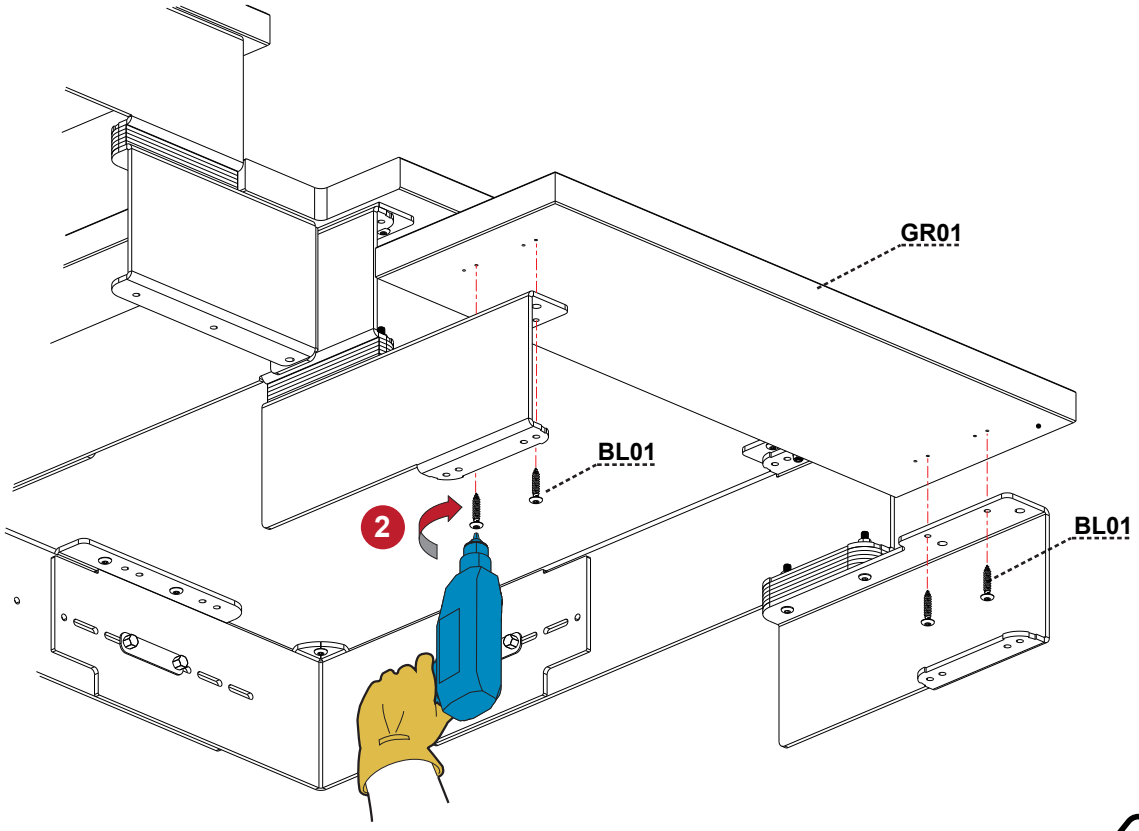
GR01
BL01
BL01
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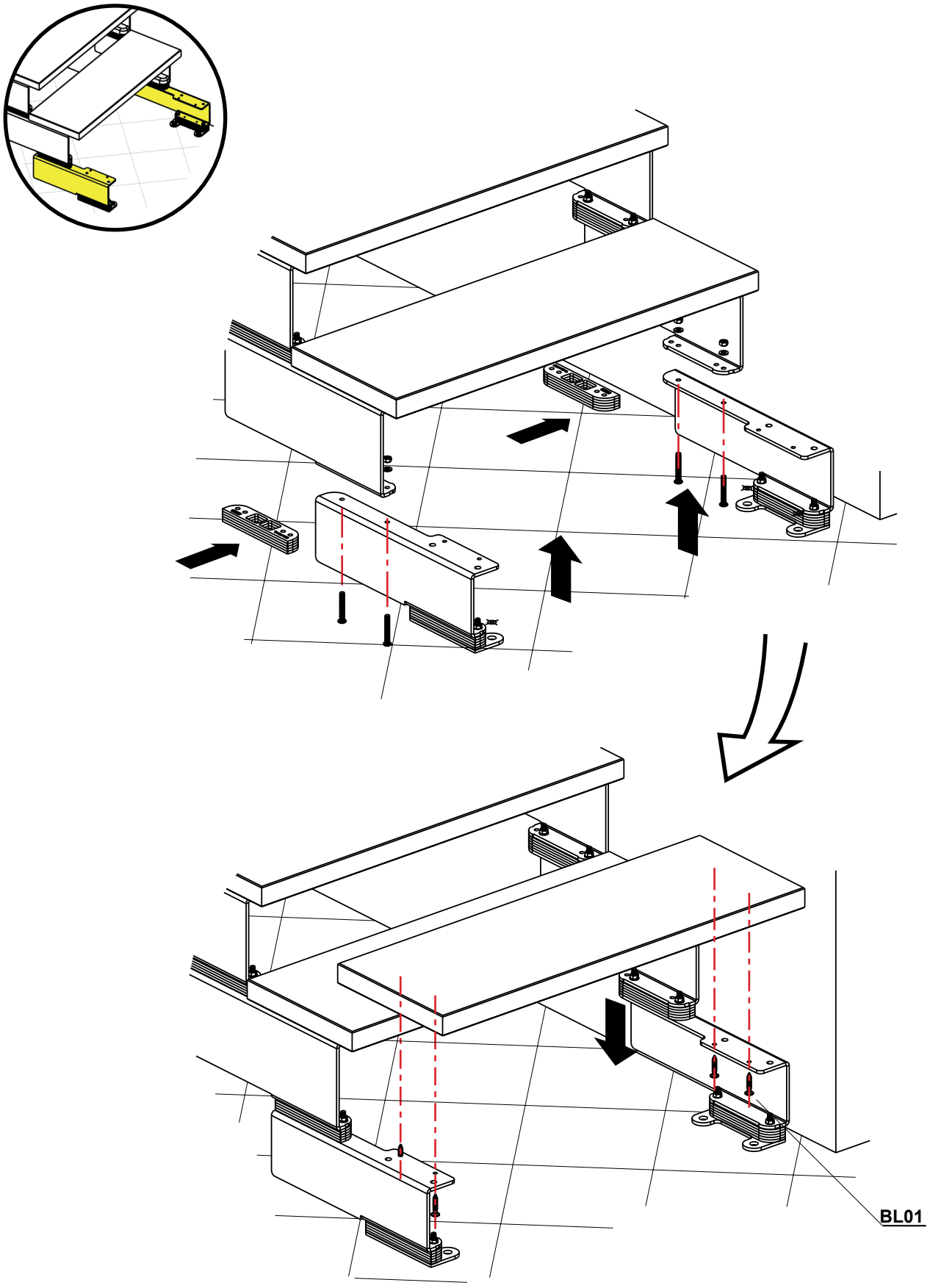
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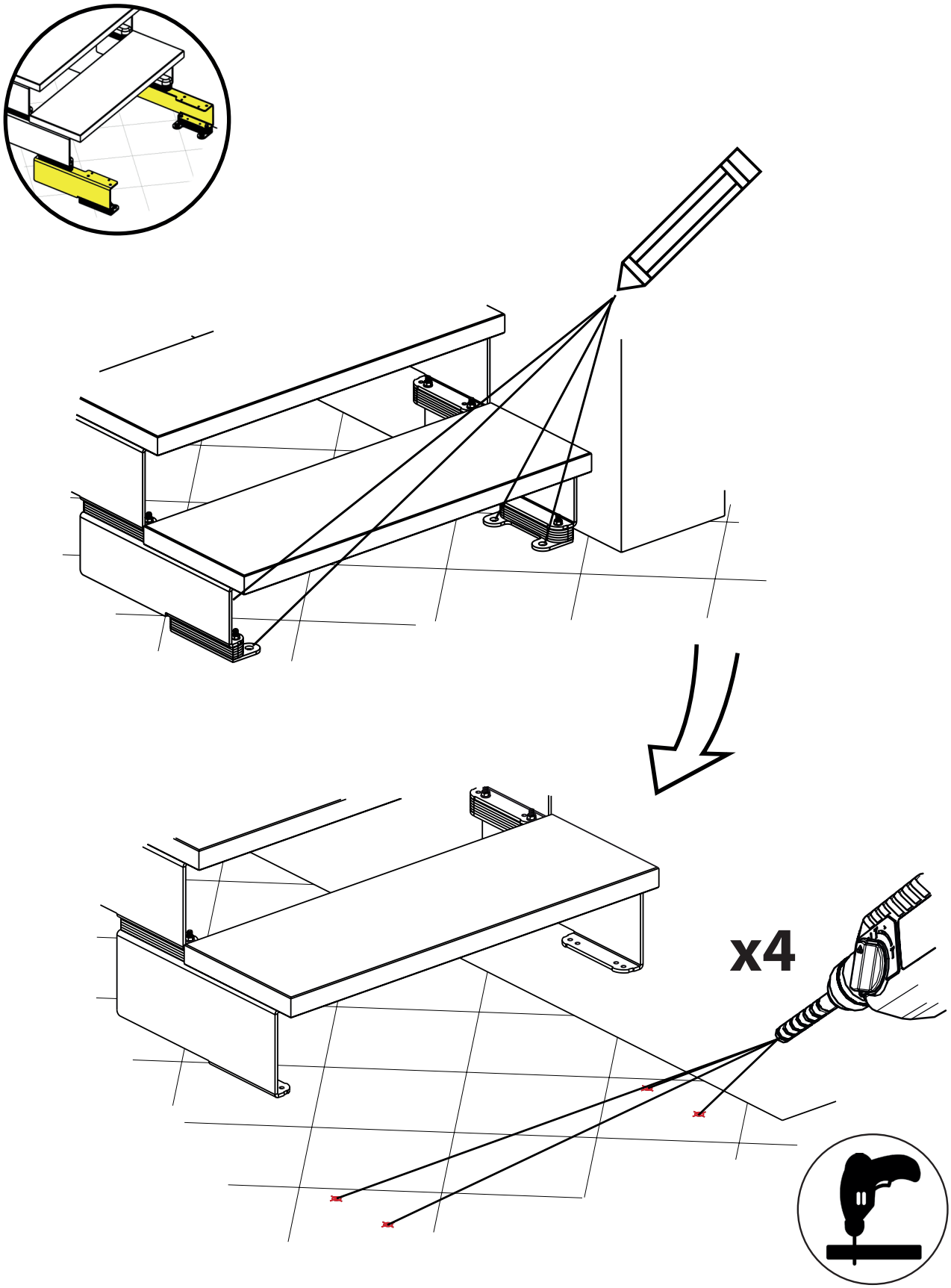
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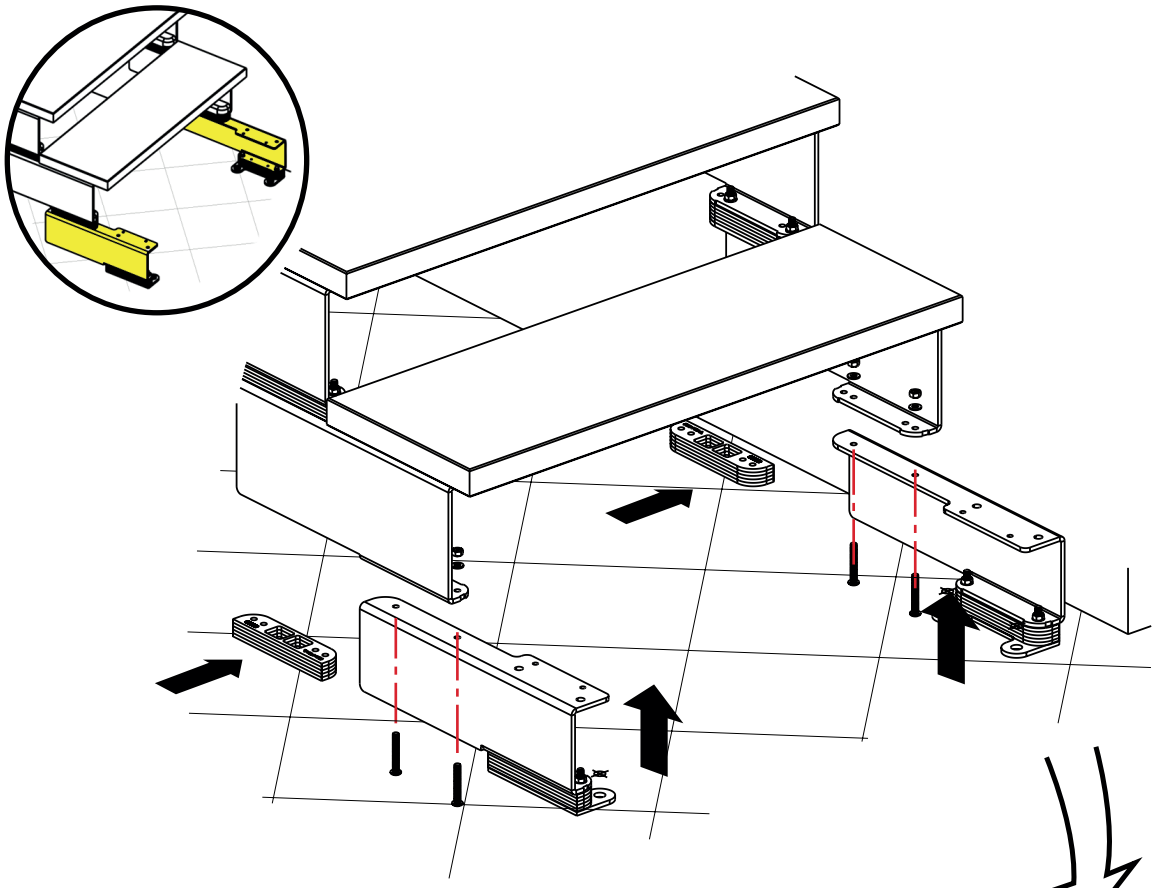
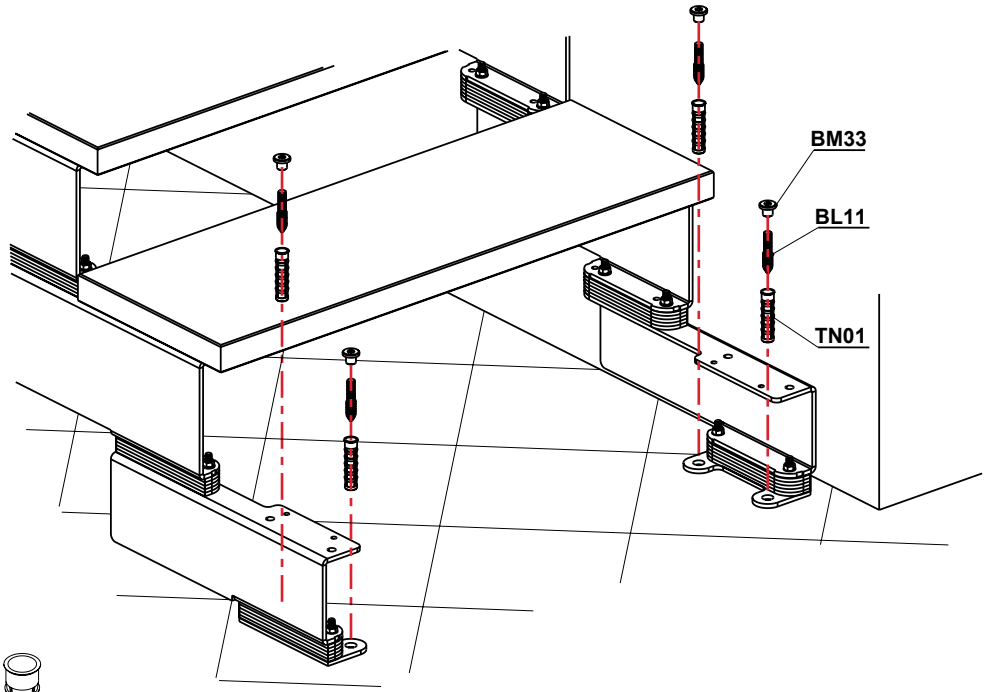
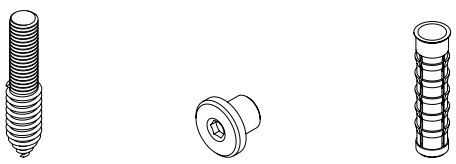
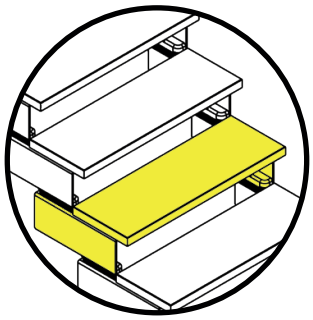
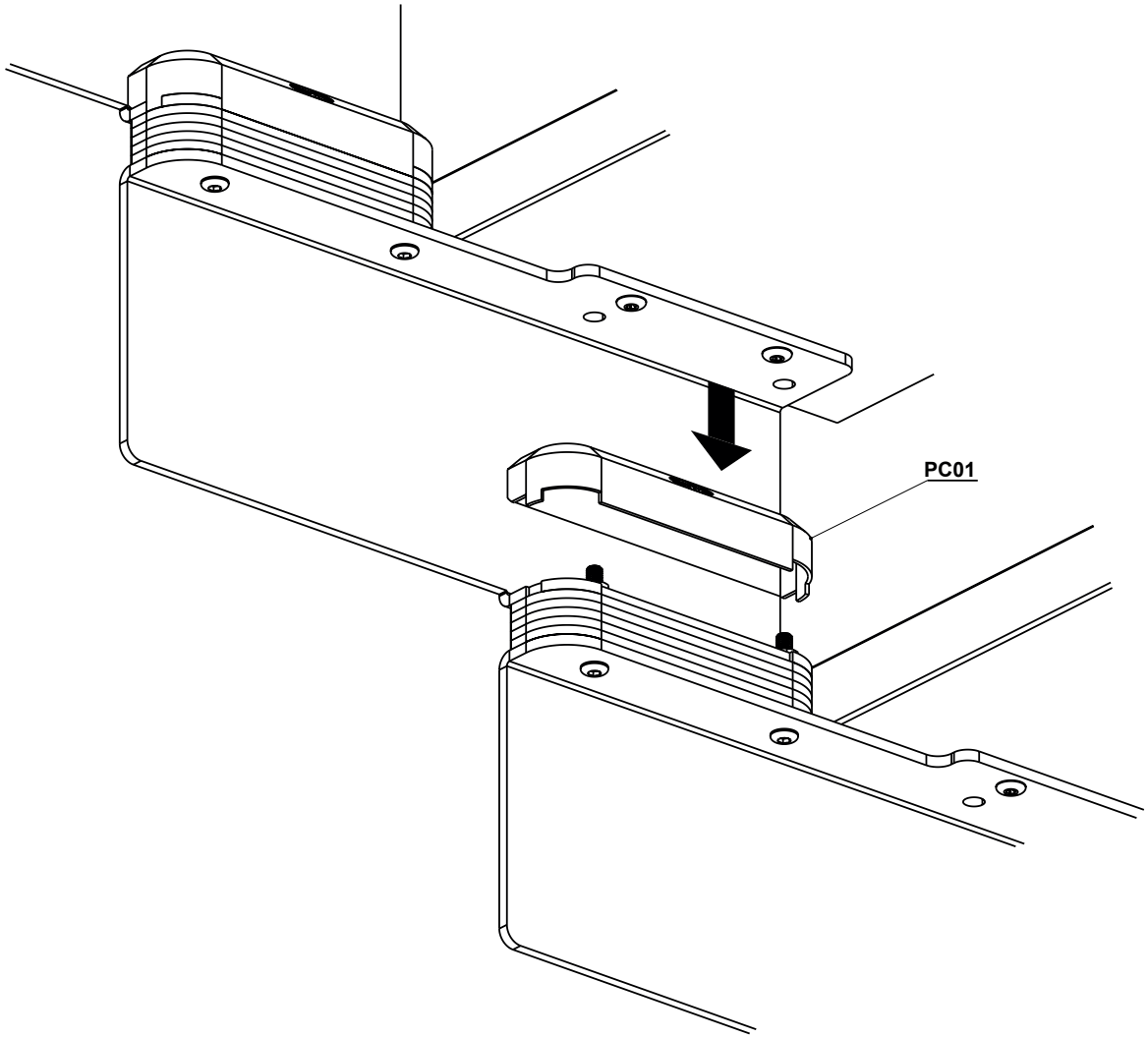






BL 11	BM 33	TN 01

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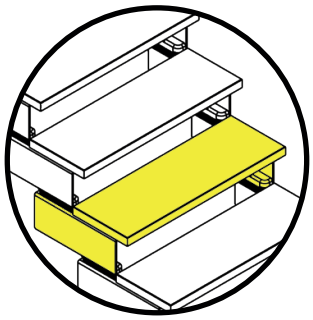

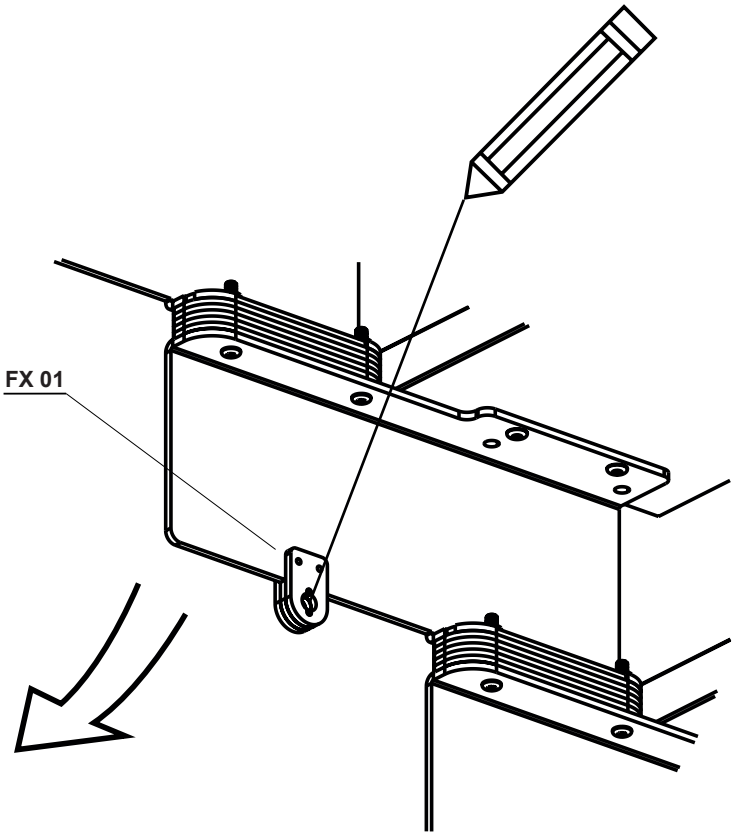

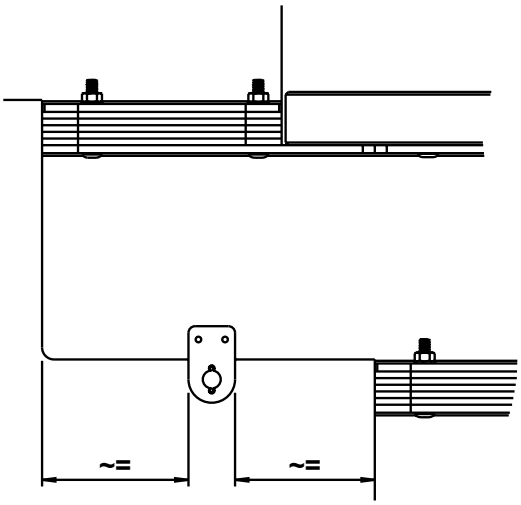

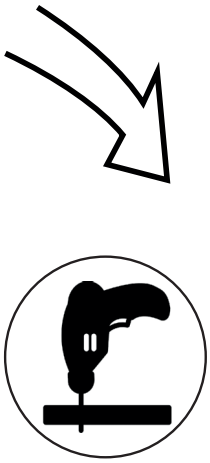

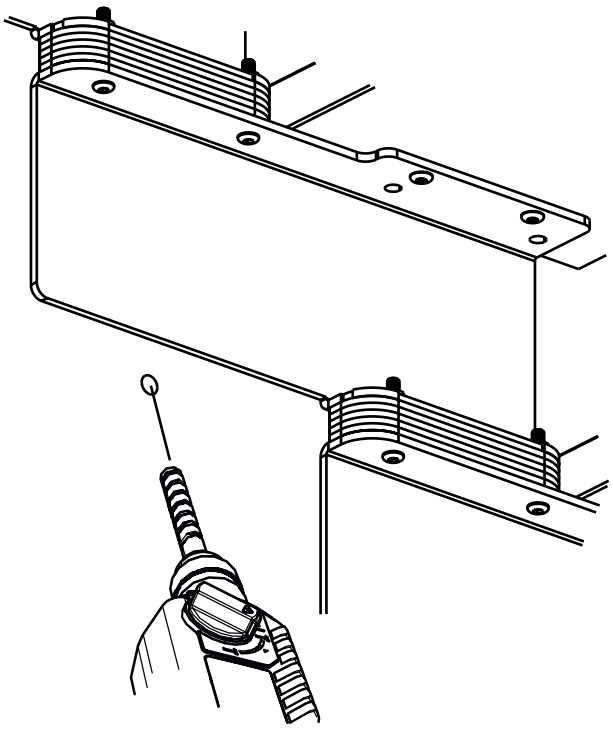

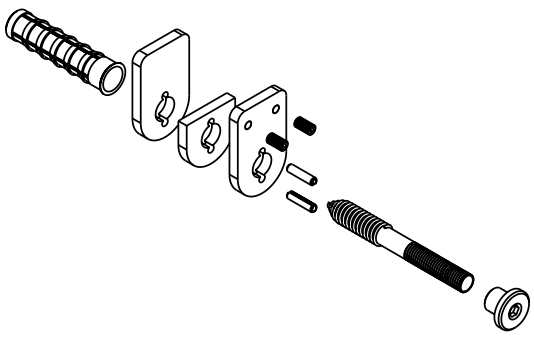

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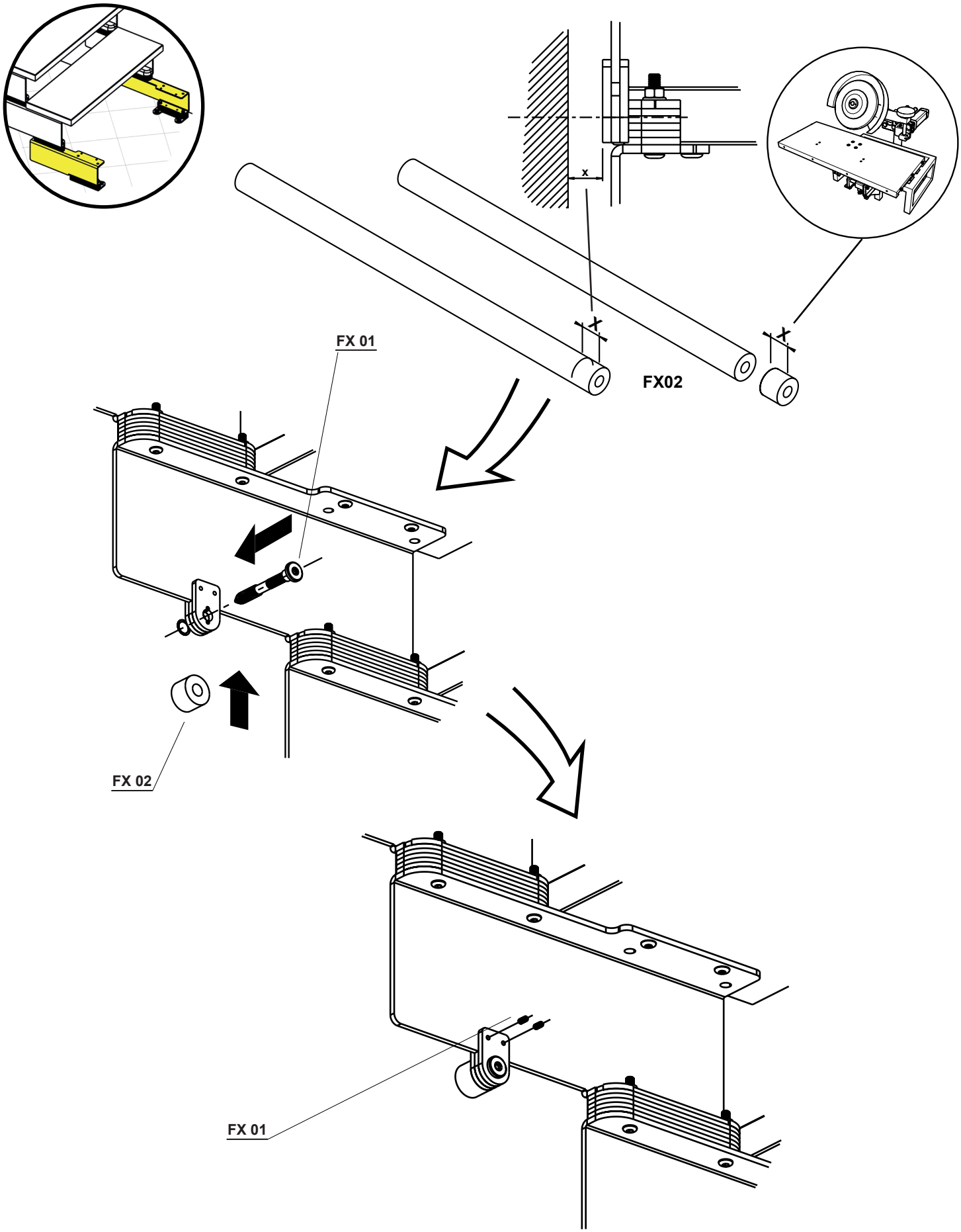
x
x
x
FX02
FX 01
FX 02
FX 01

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COMPOSITY

TUBE RAILING AND BALUSTRADE ASSEMBLING INSTRUCTION

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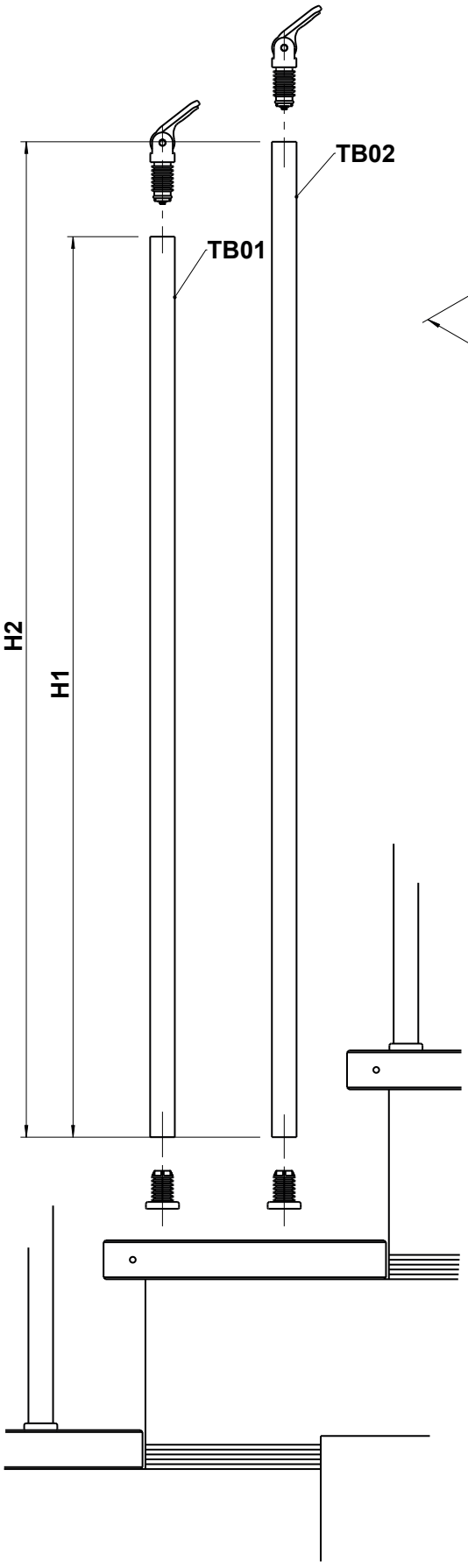
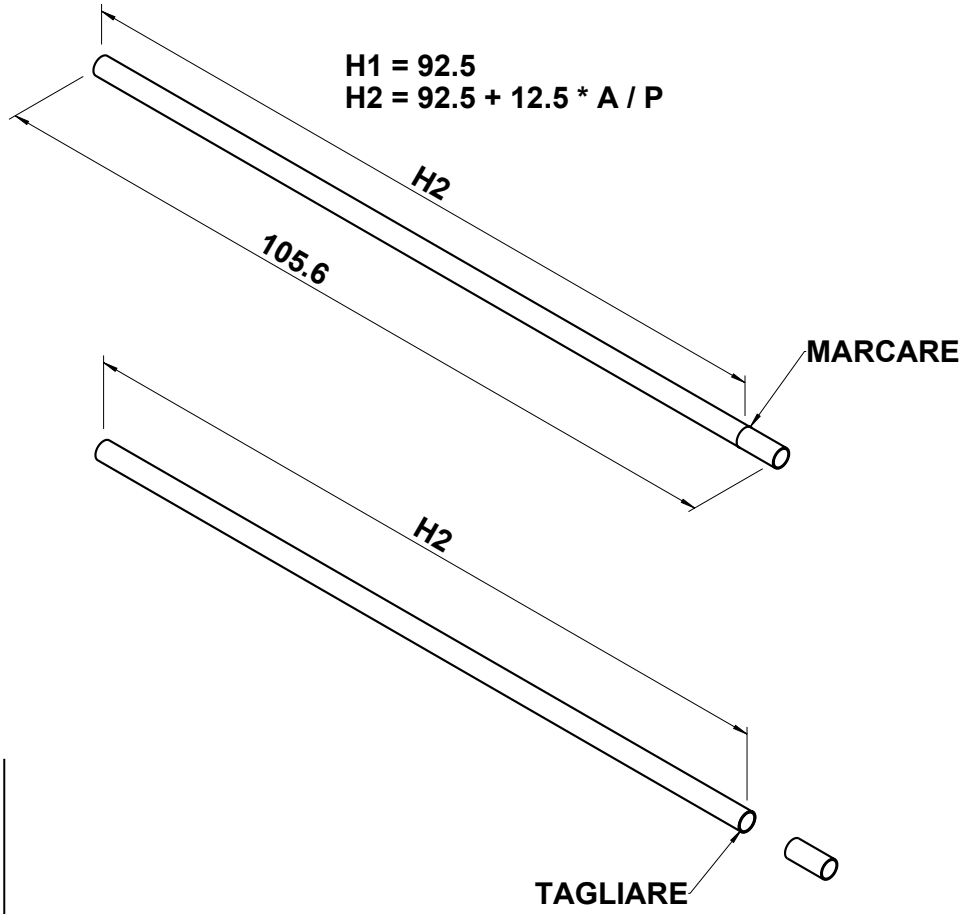
1 Preassembly	05
2 Assembly	09

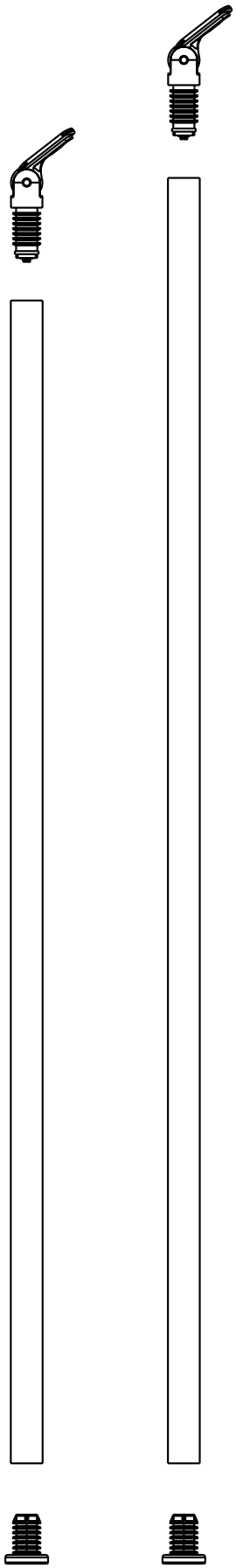
1

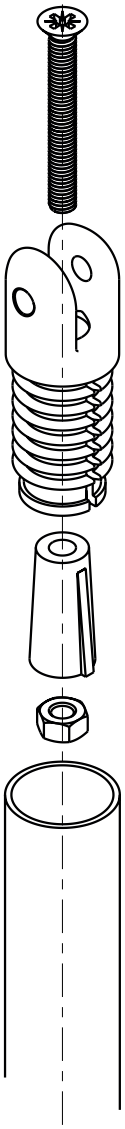
PRE ASSEMBLY

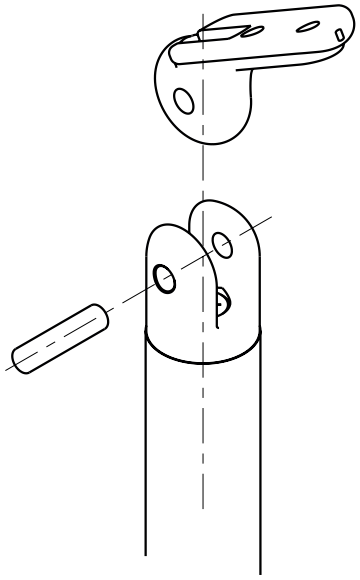

TB02
TB01
H2
H1

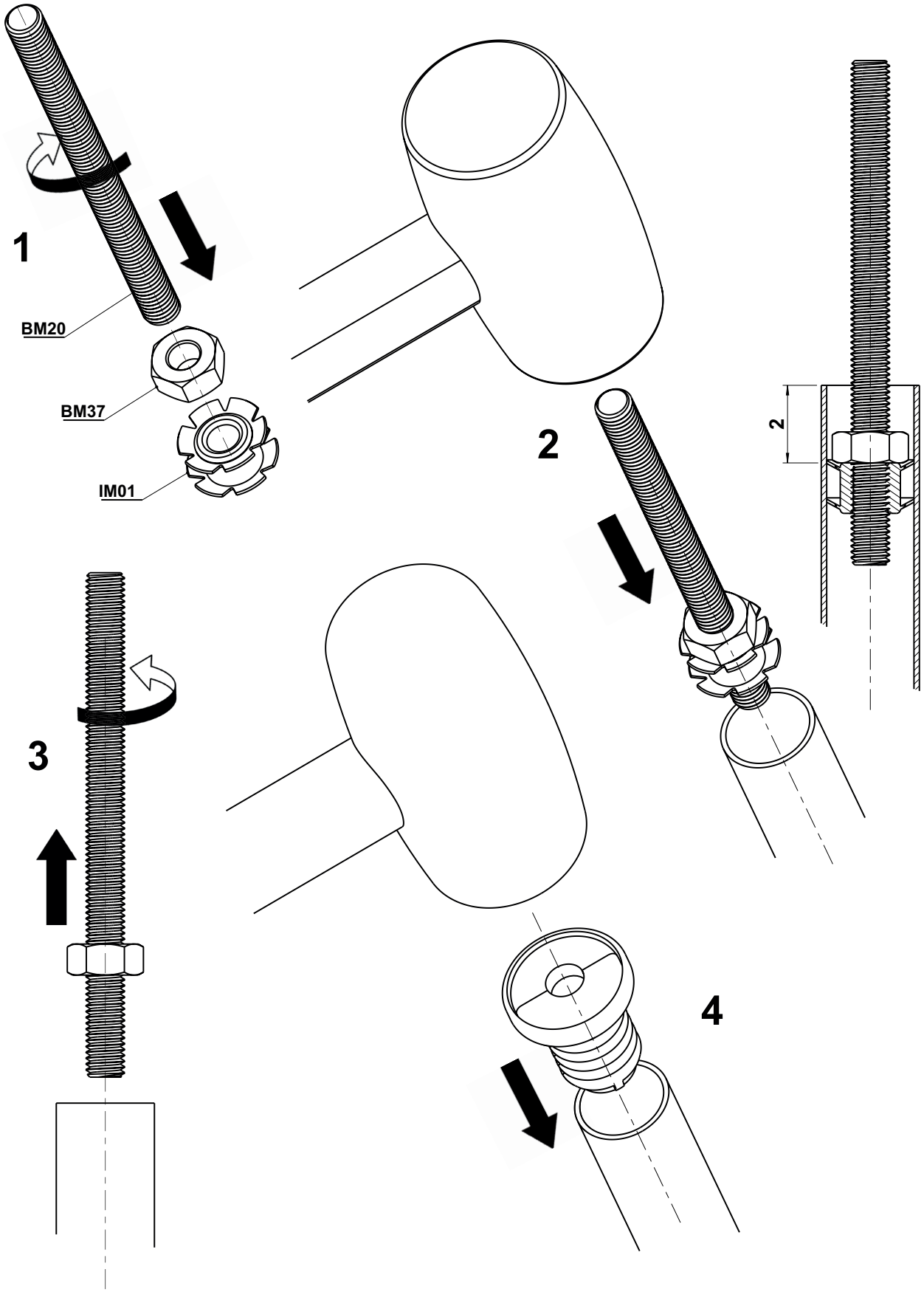

H1 = 92.5
H2 = 92.5 + 12.5 * A / P
H2
105.6
MARCARE

H2
TAGLIARE





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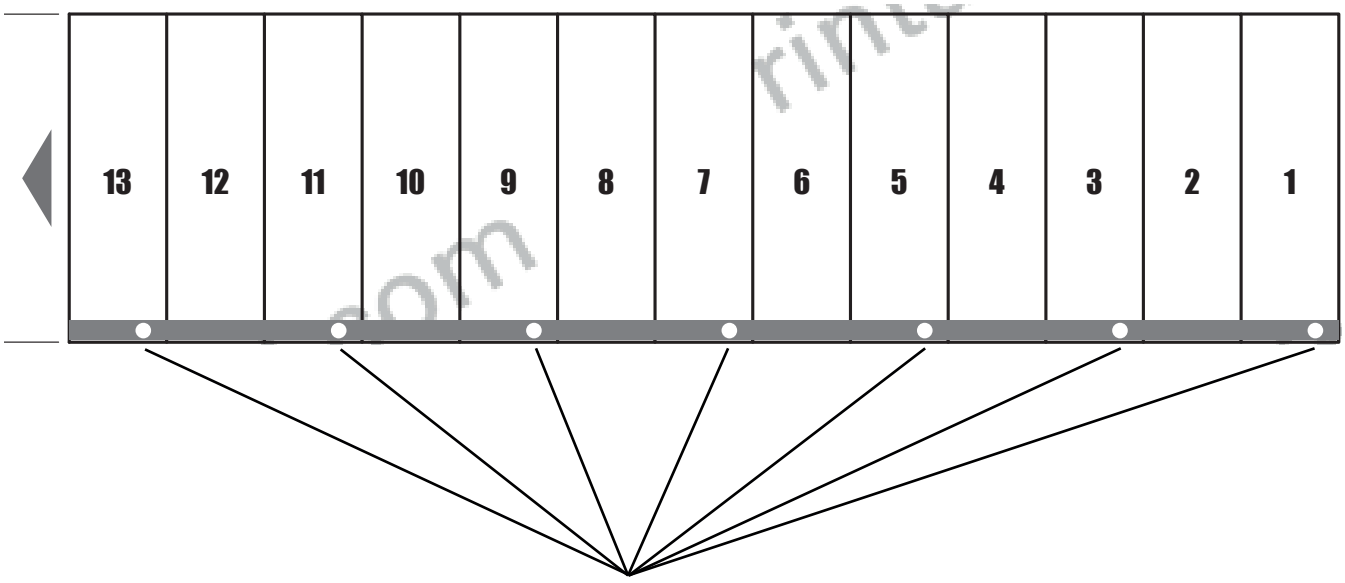
BM20
BM37
IM01
2
2
3
4

2

ASSEMBLY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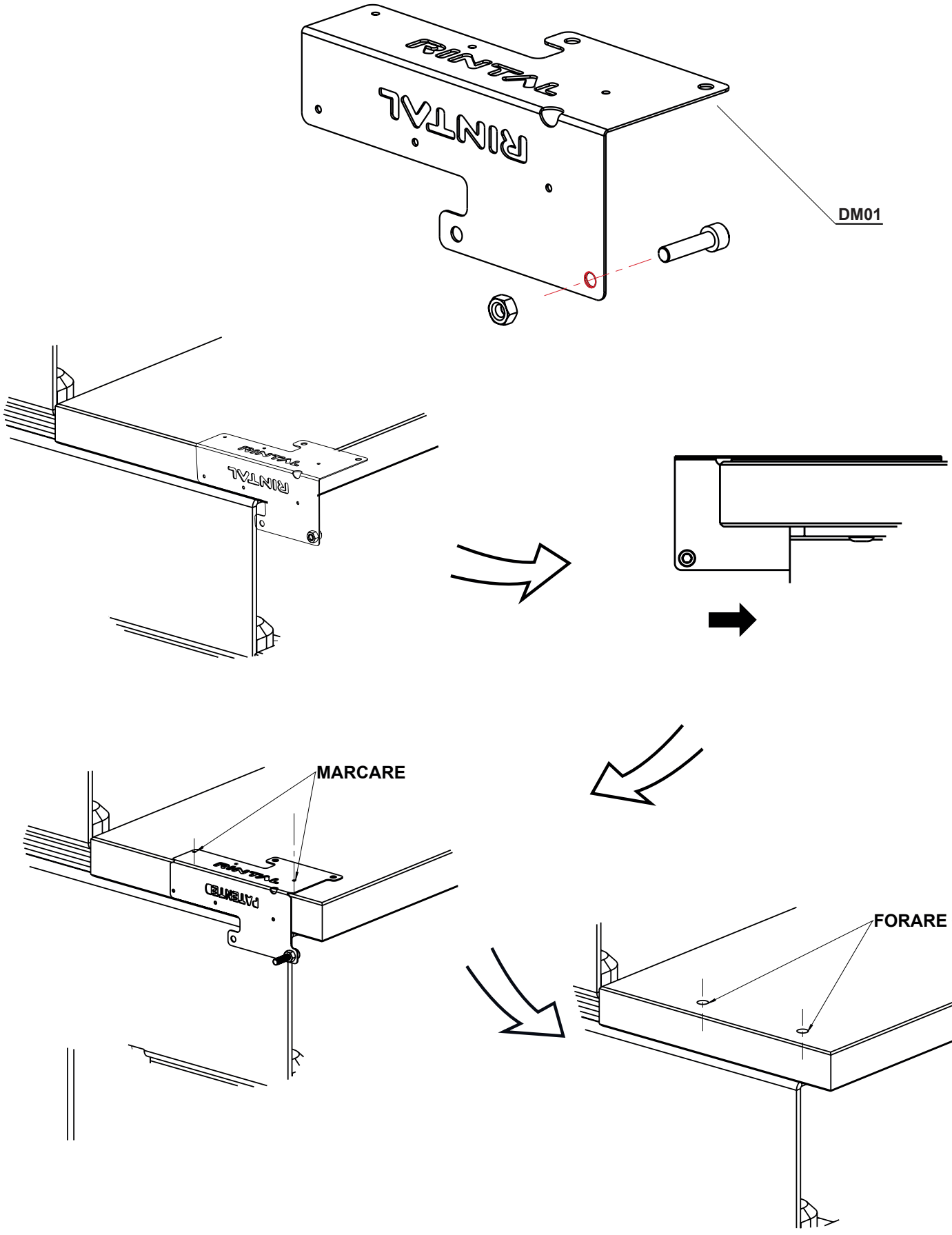
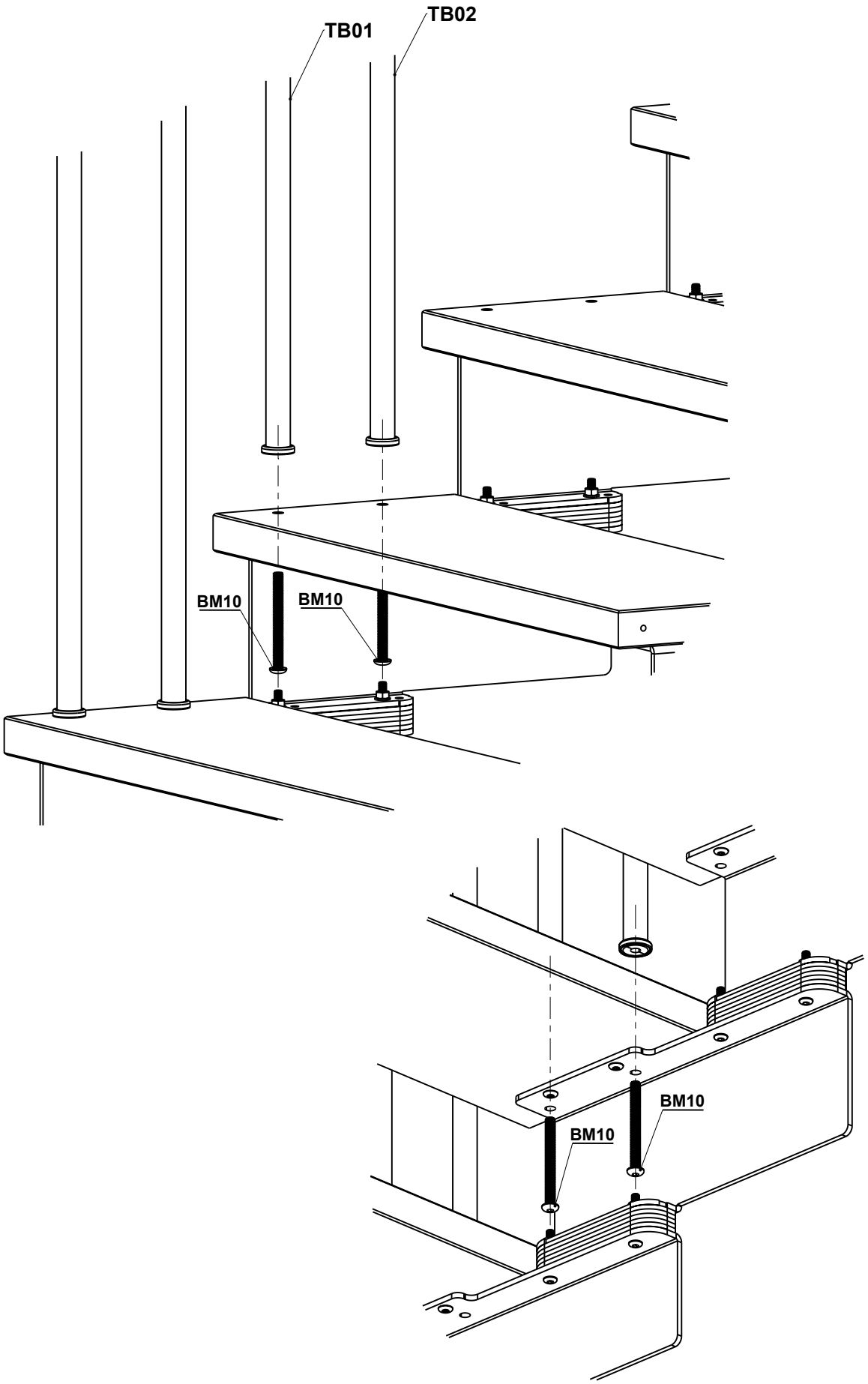
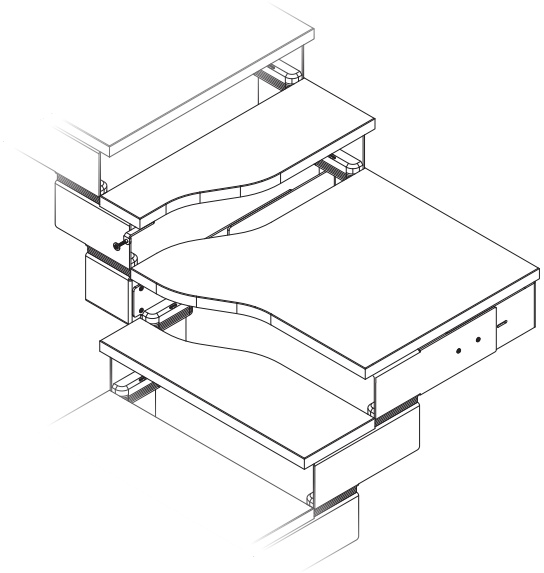

DM01
MARCARE
FORARE ∅ 10


TB01
TB02
BM10
BM10
BM10
BM10



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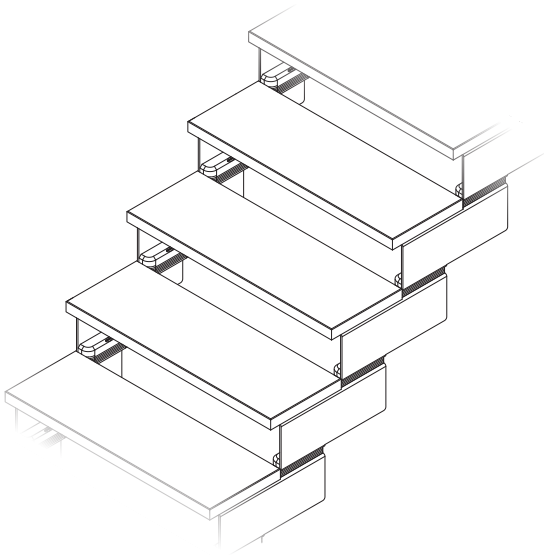

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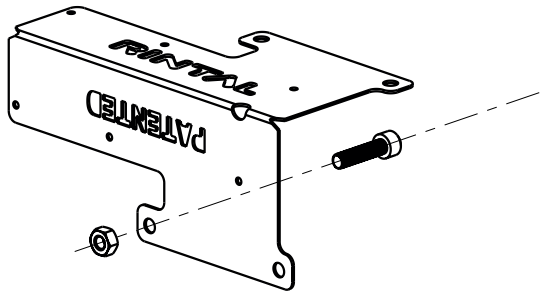

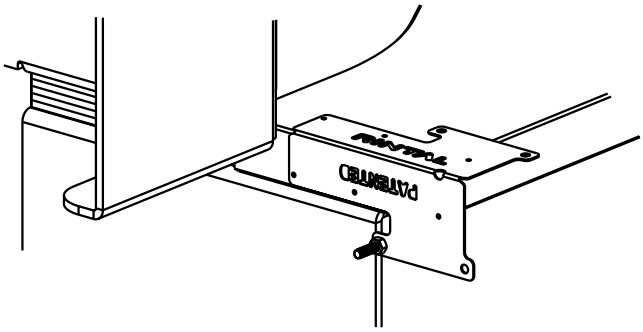

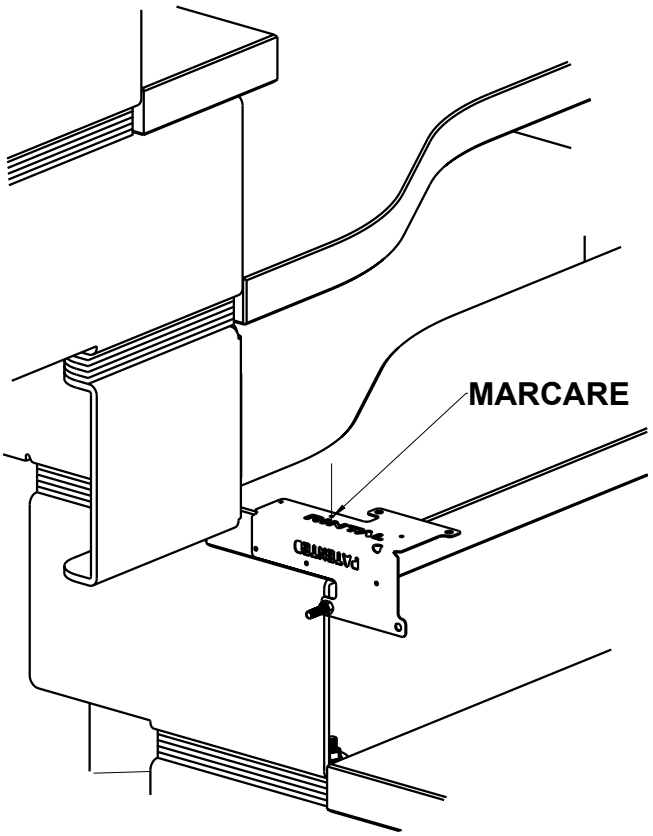
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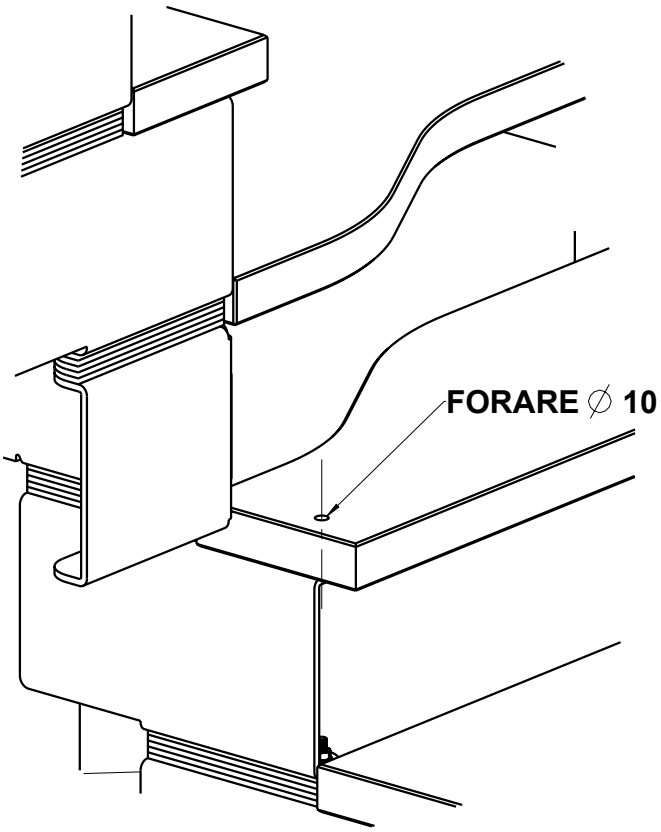
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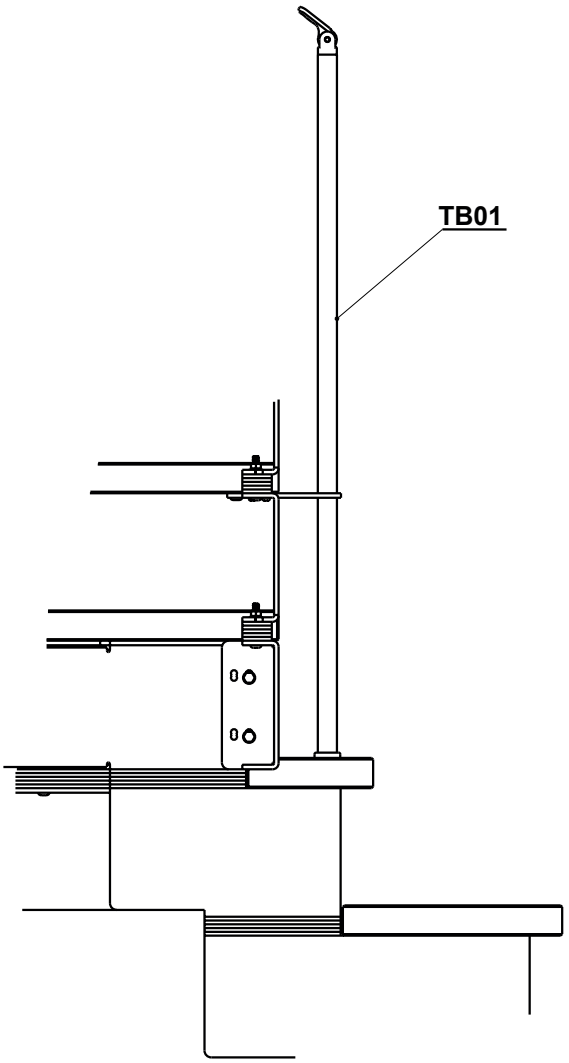
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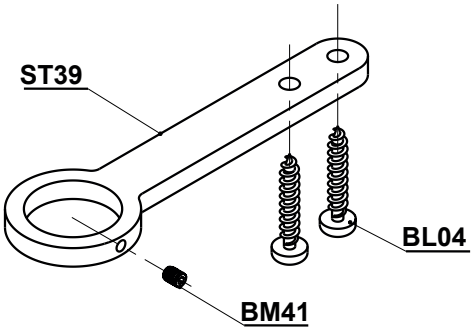
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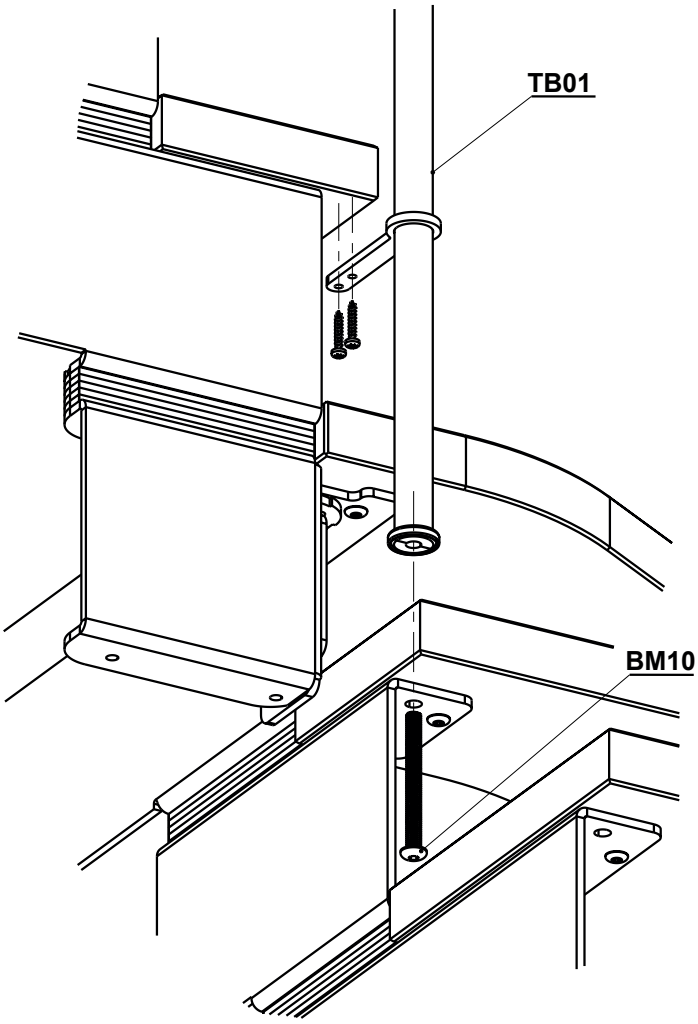
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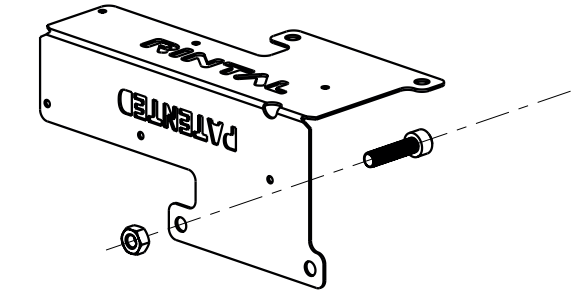

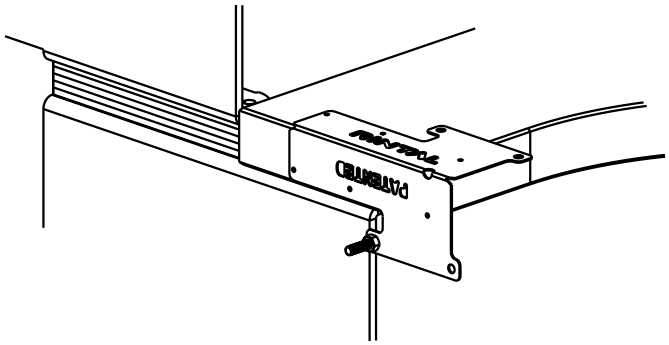

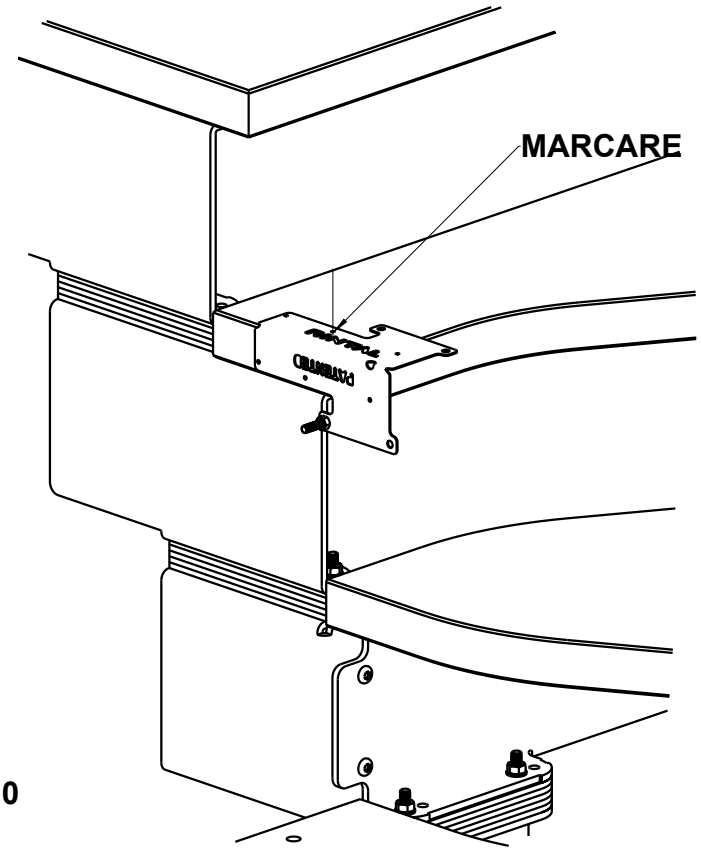
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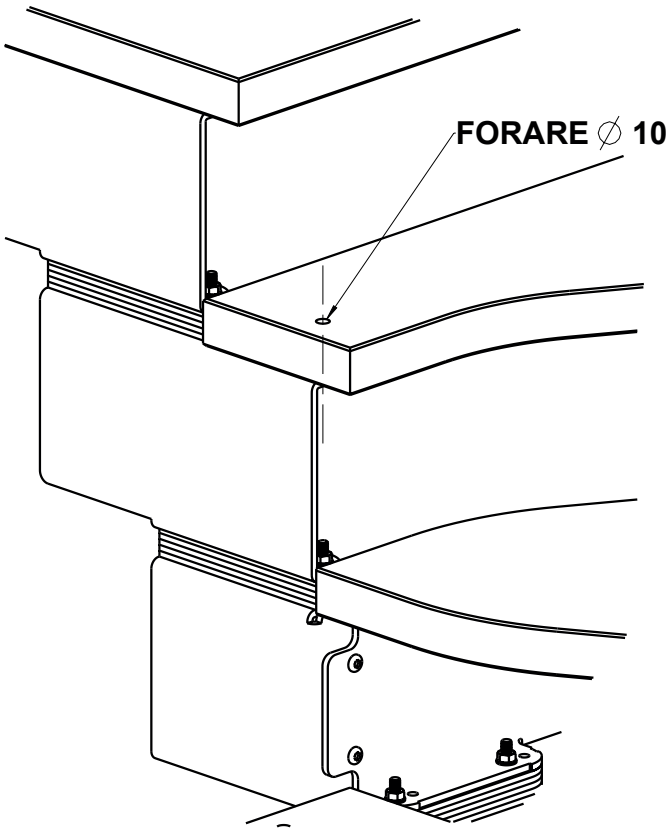
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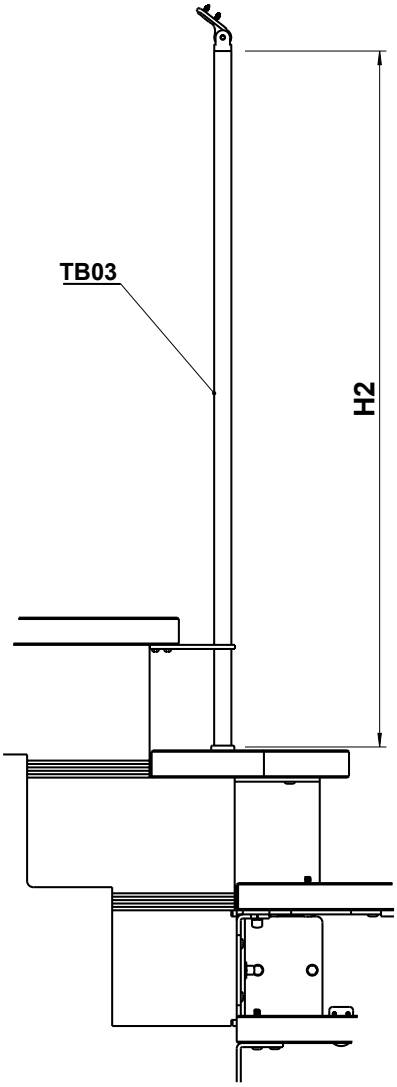
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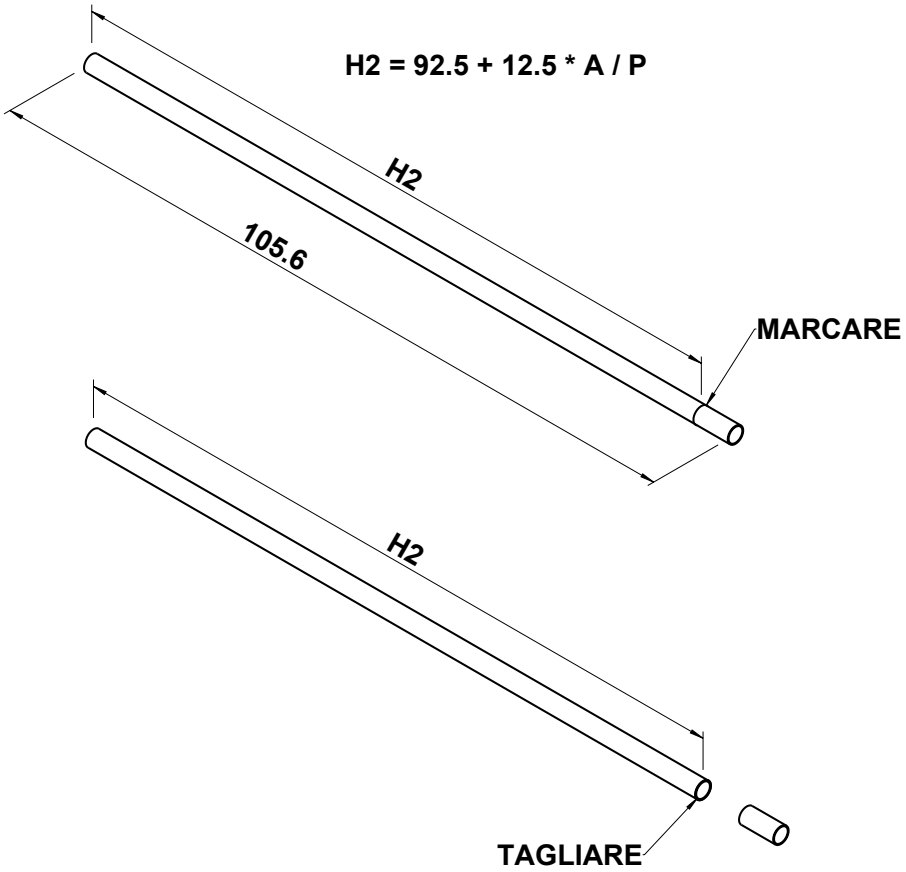
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MARCARE
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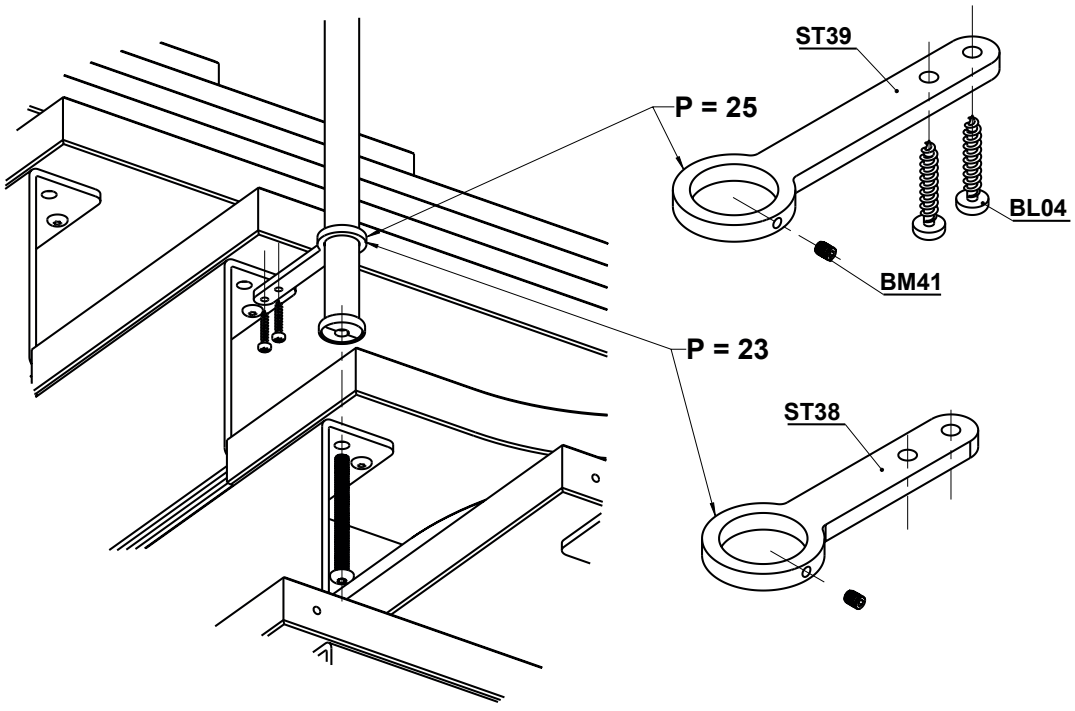
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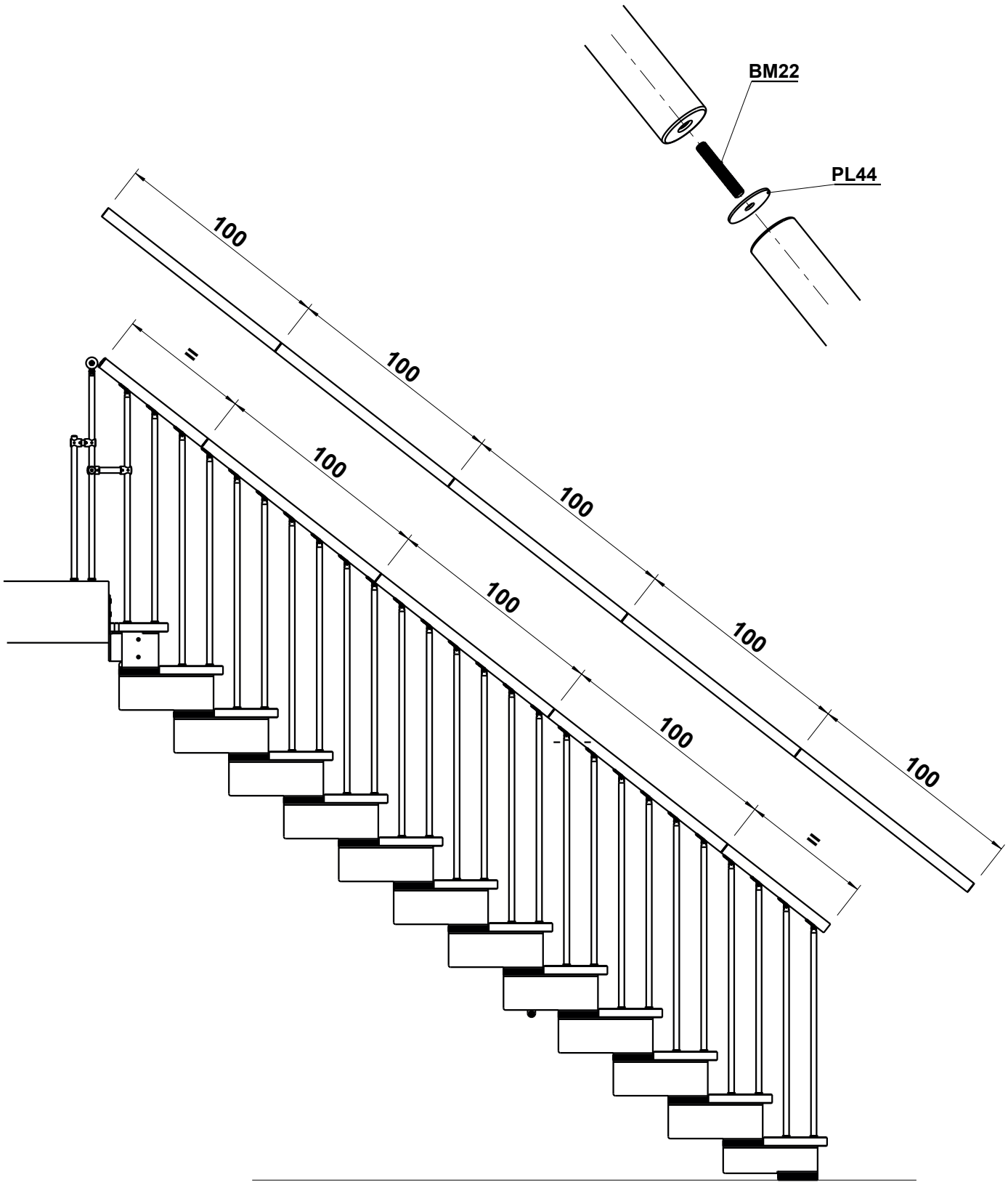
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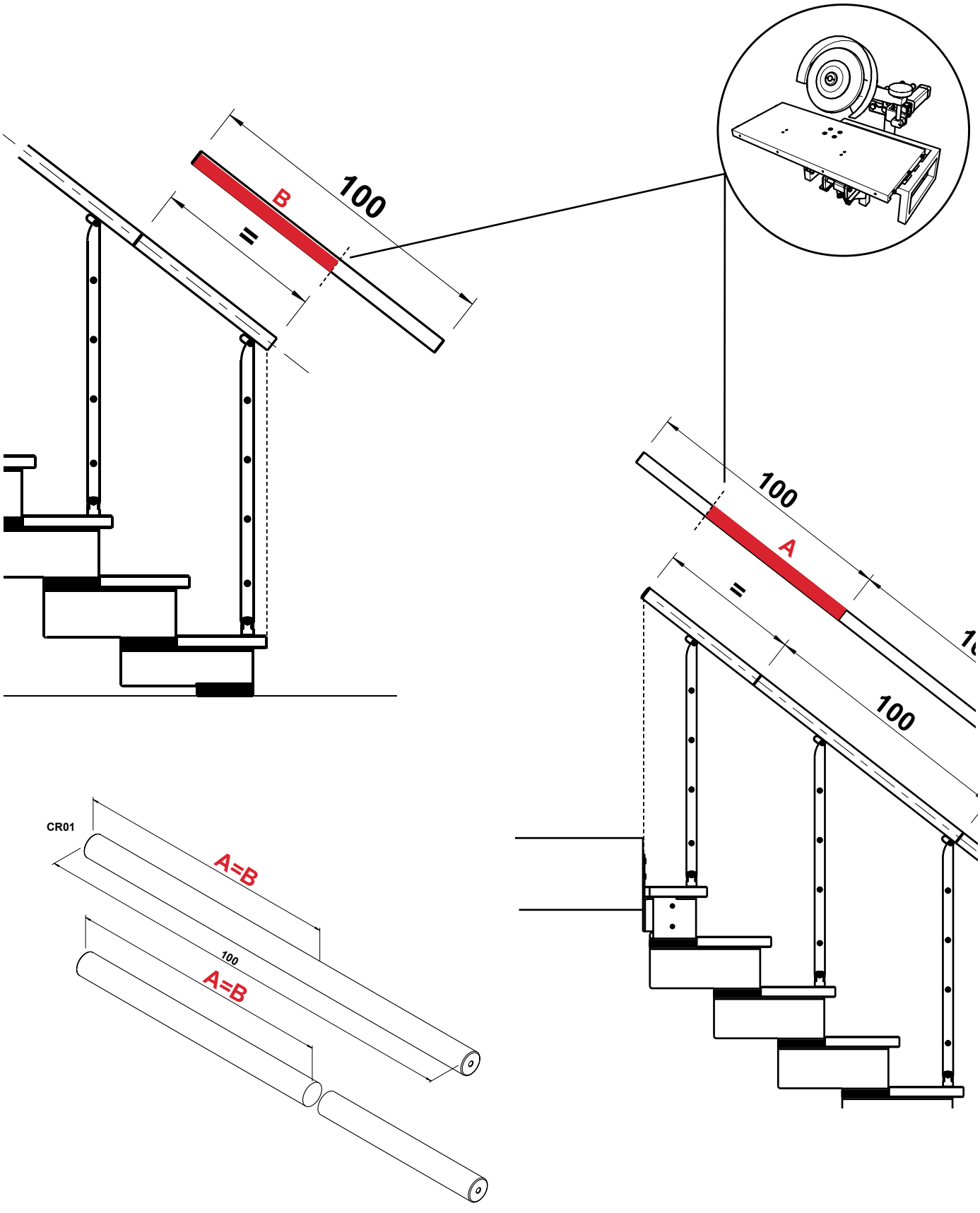
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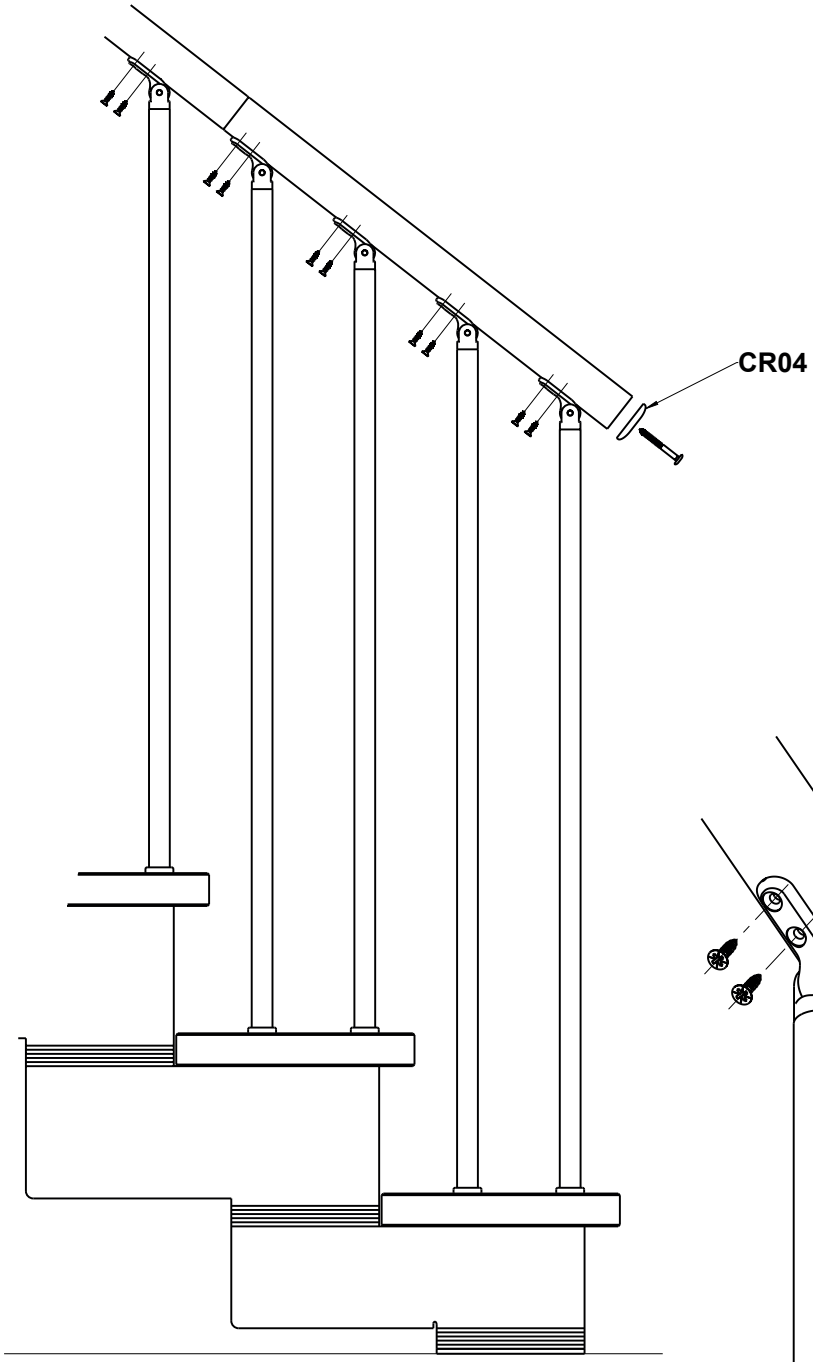
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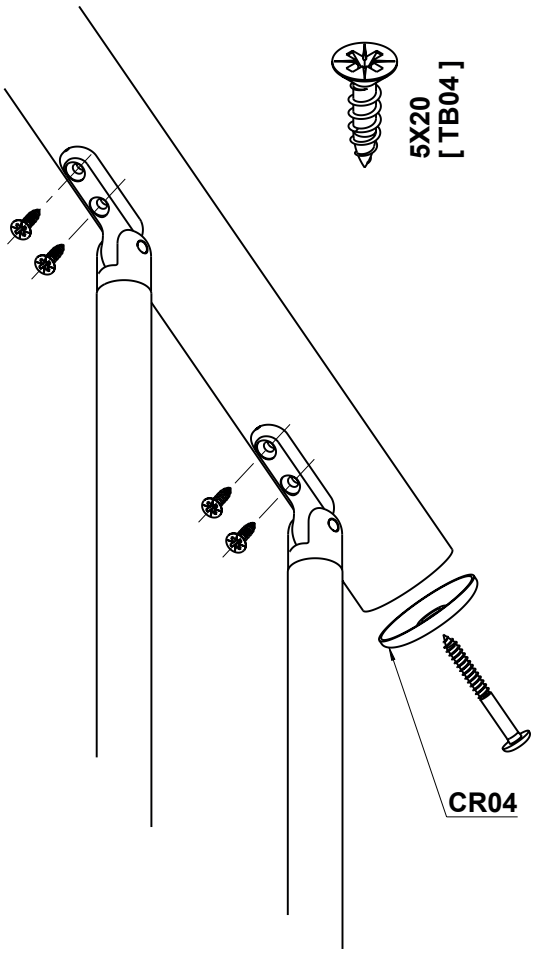
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www.rintal.com - info@rintal.it

COMPOSITY

TUBE RAILING AND BALUSTRADE ASSEMBLING INSTRUCTION

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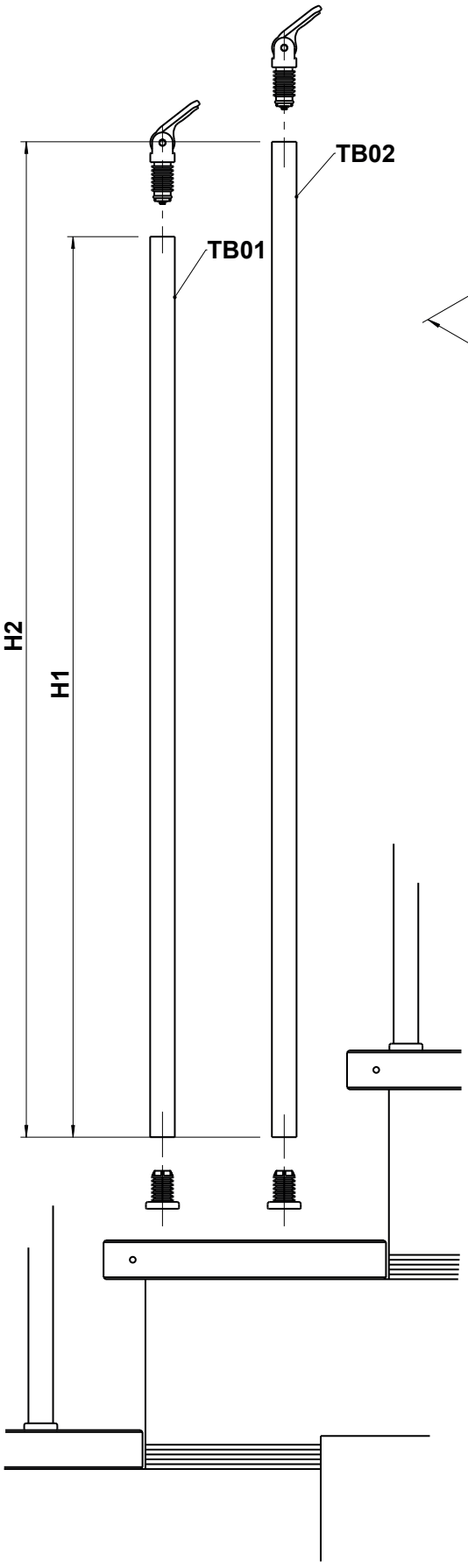
1 Preassembly	05
2 Assembly	09

1

PRE ASSEMBLY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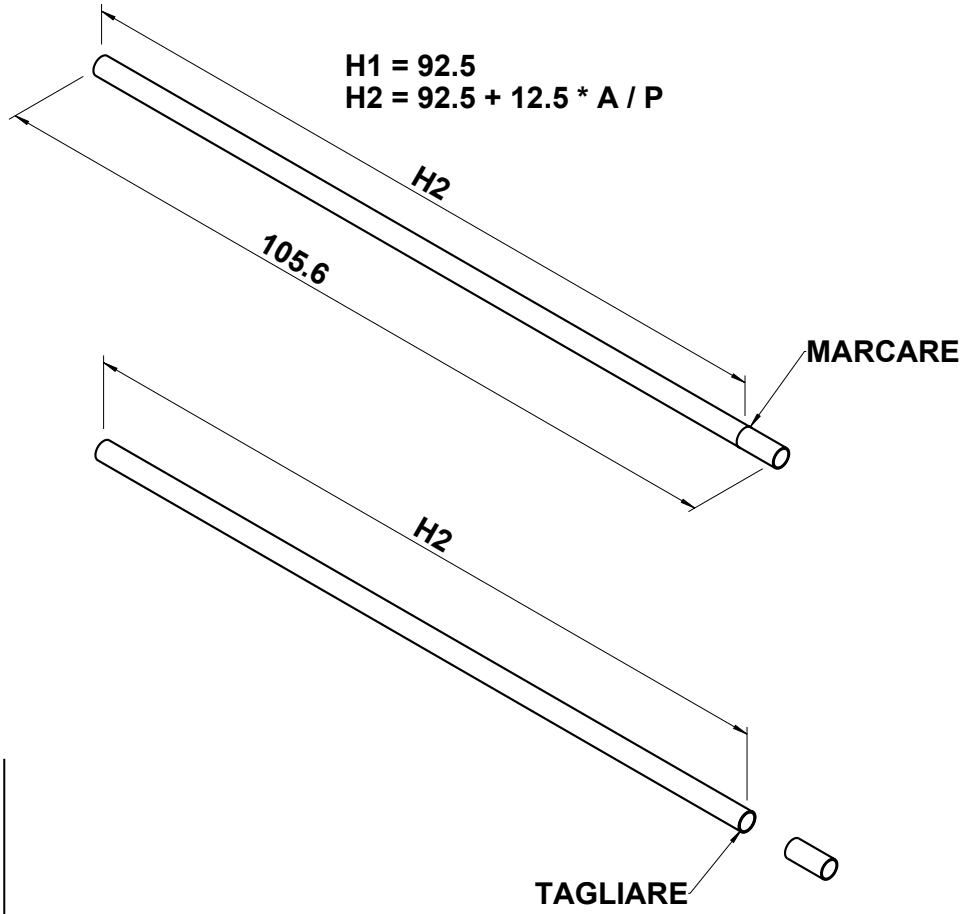
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105.6
MARCARE

H2
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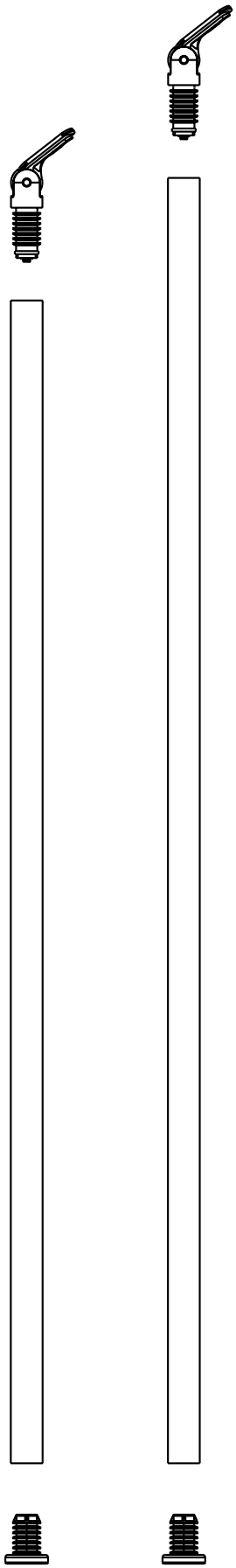

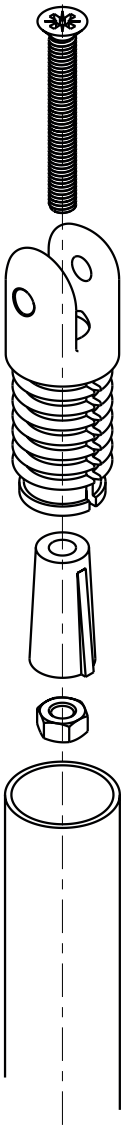

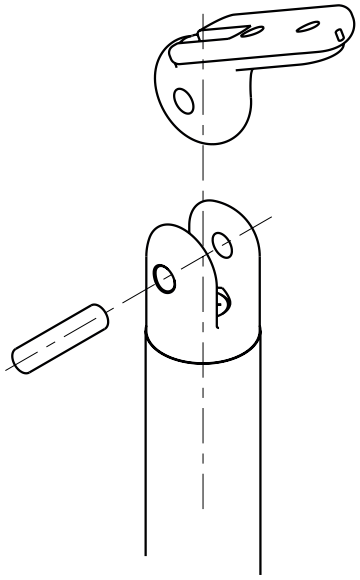

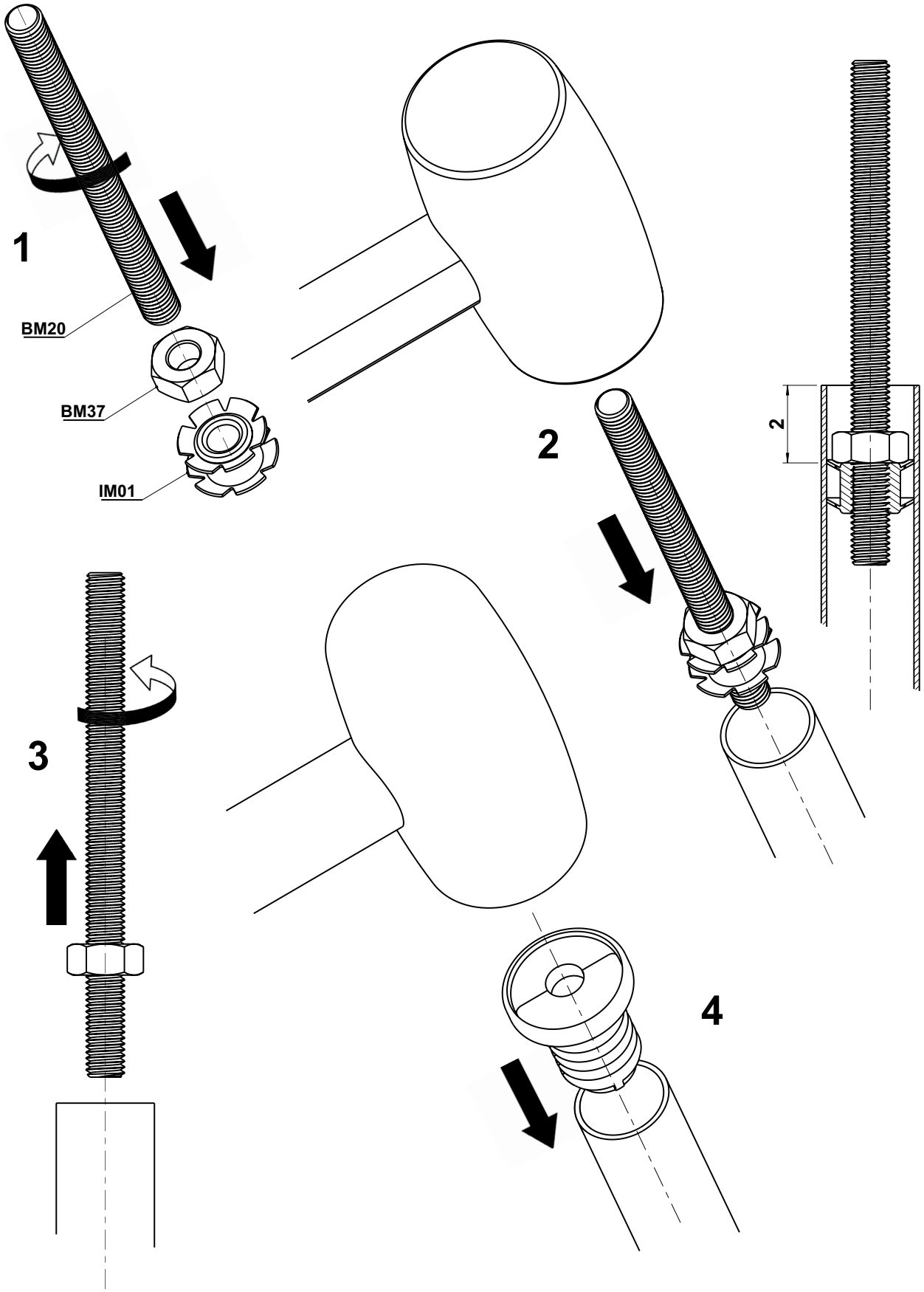
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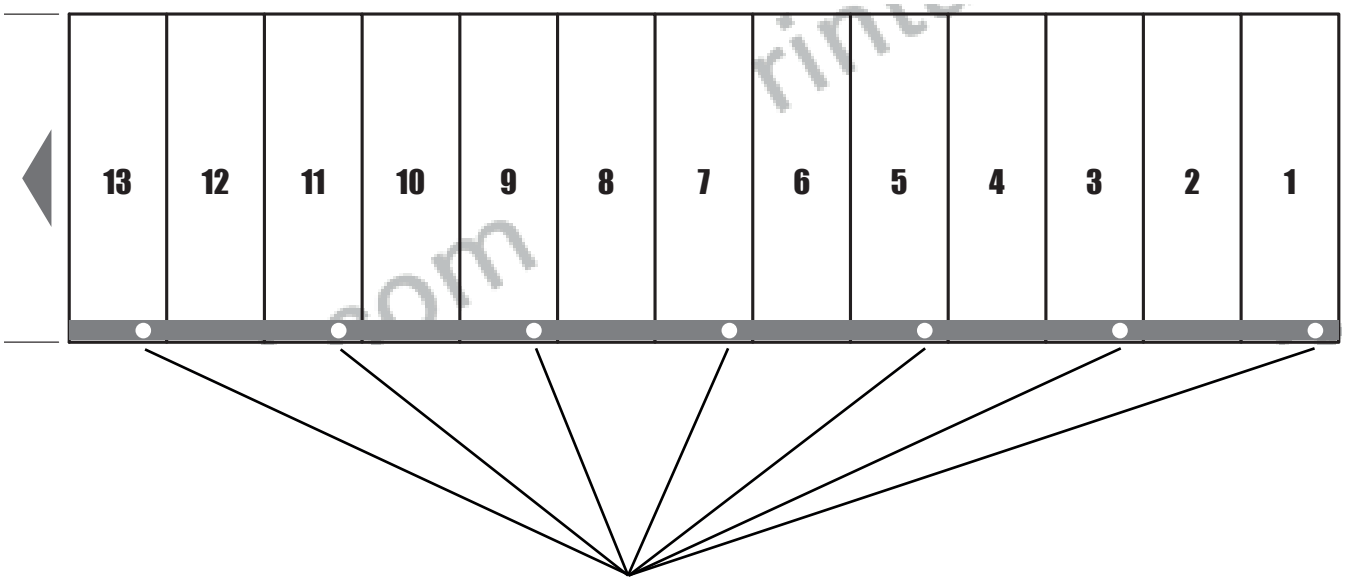
ASSEMBLY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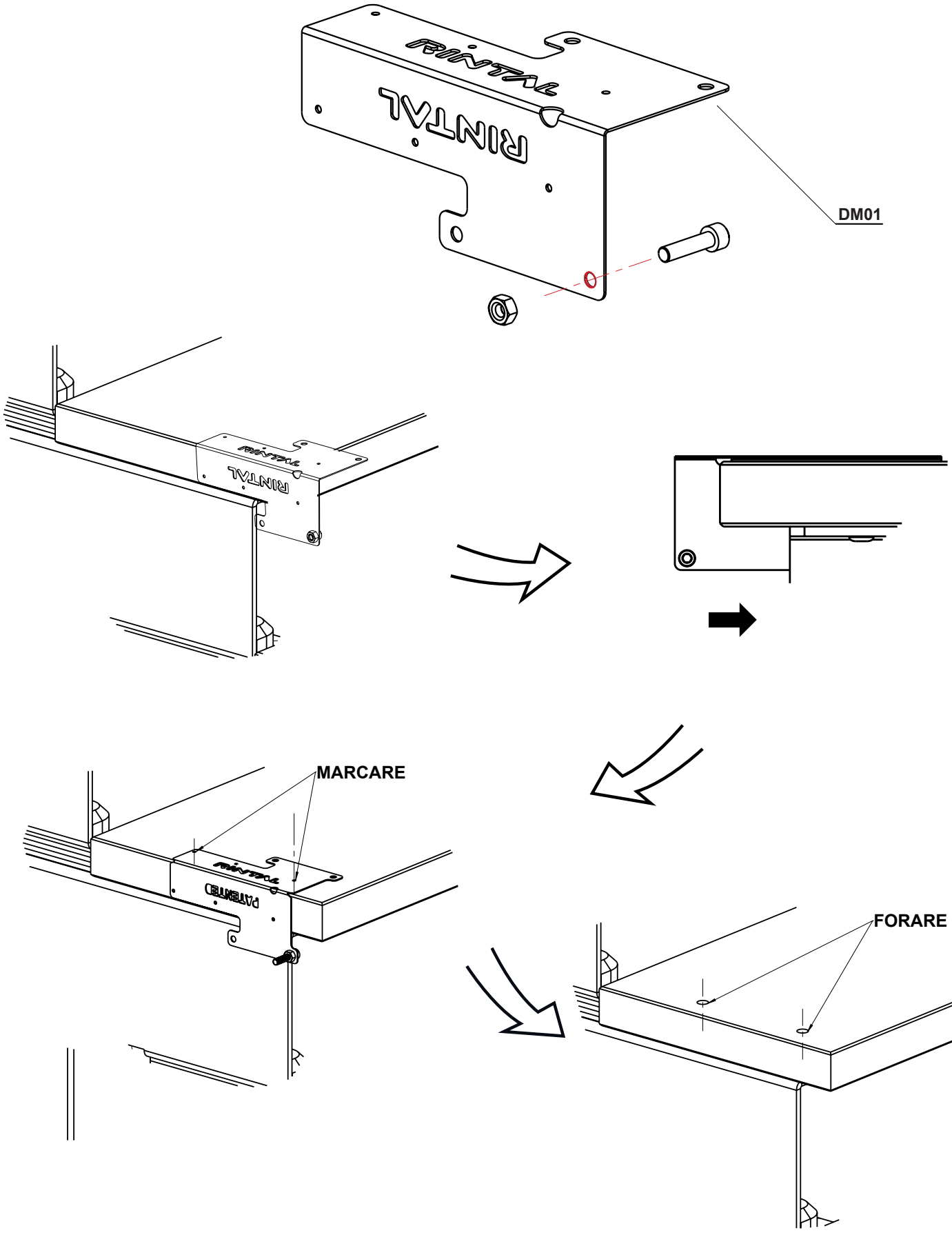
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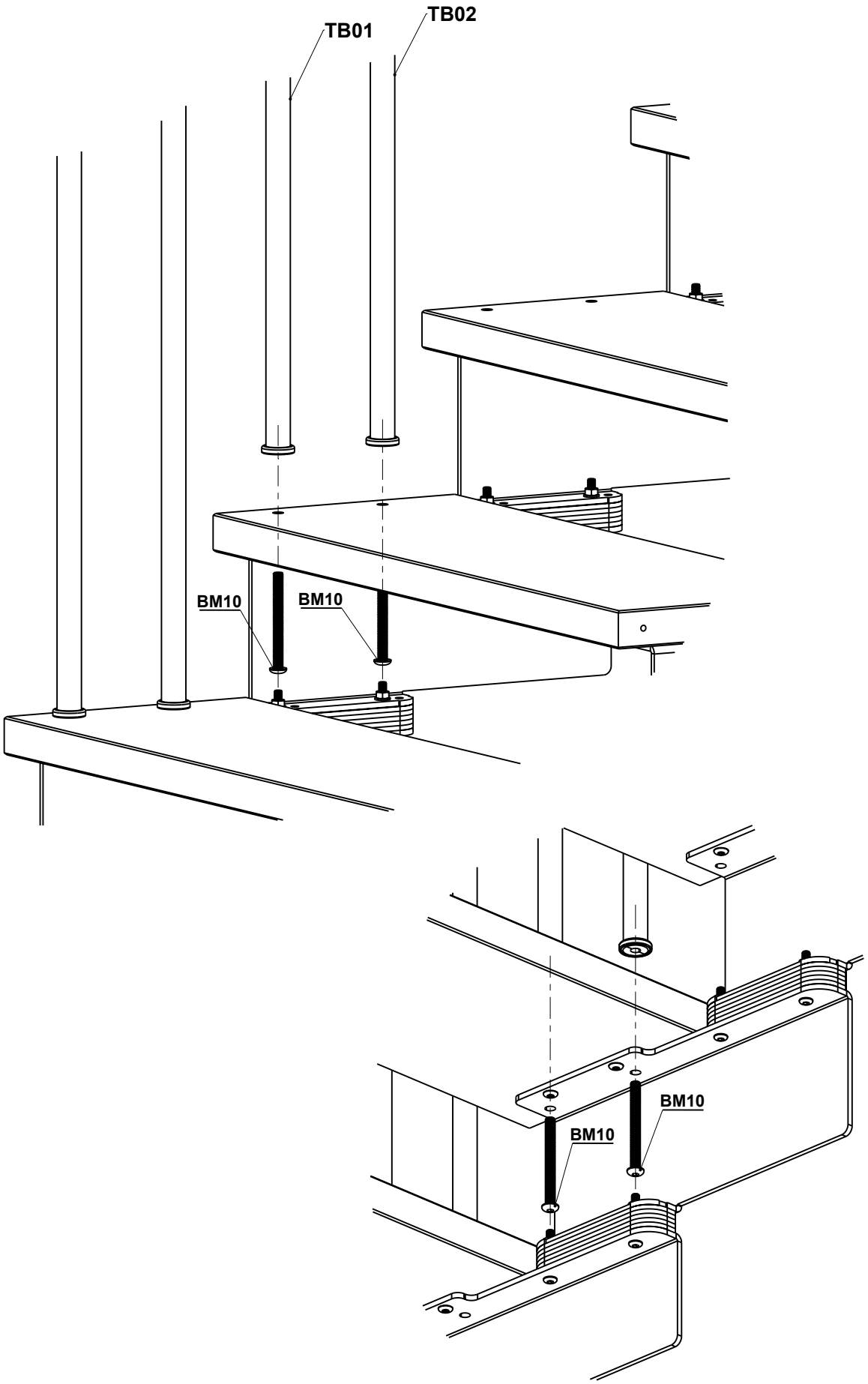
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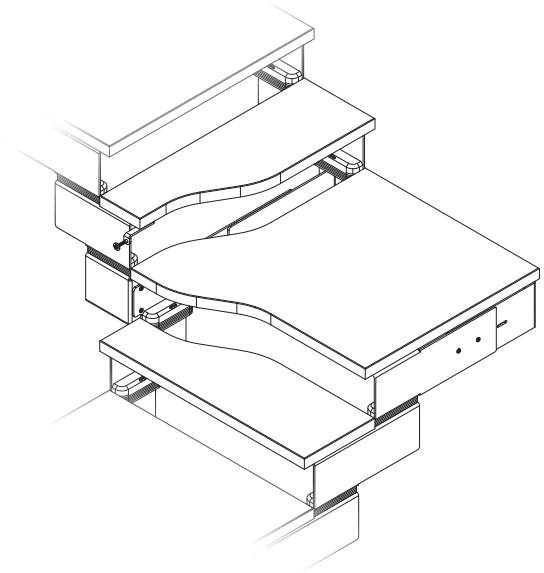

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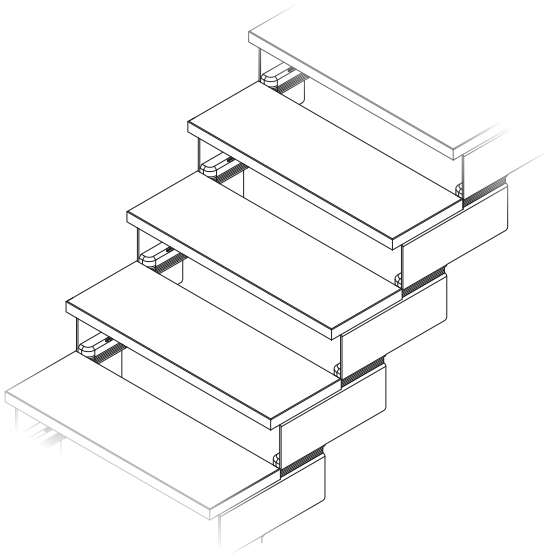

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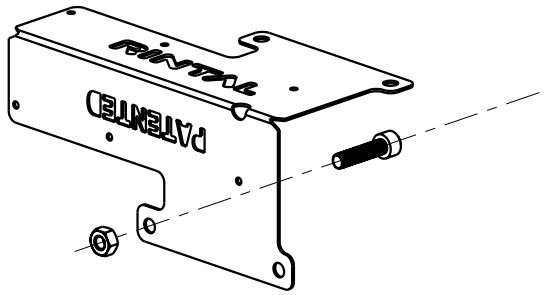

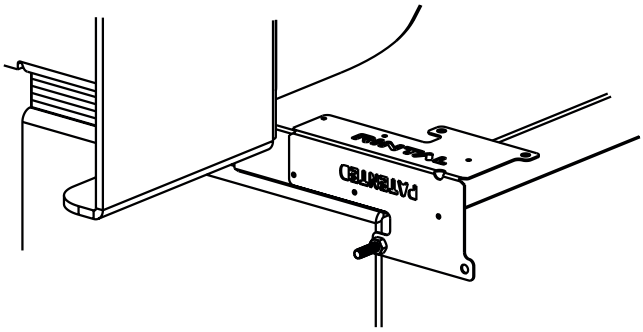

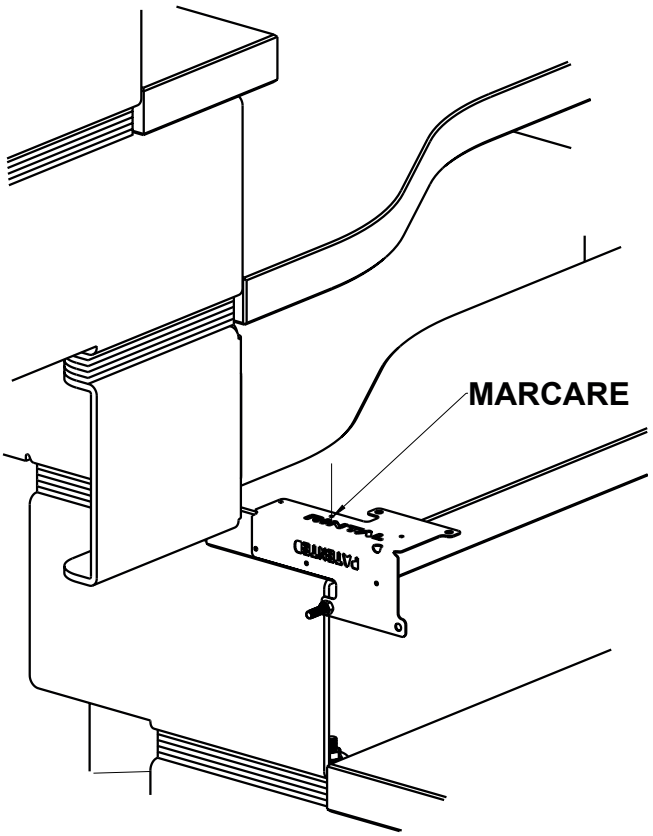
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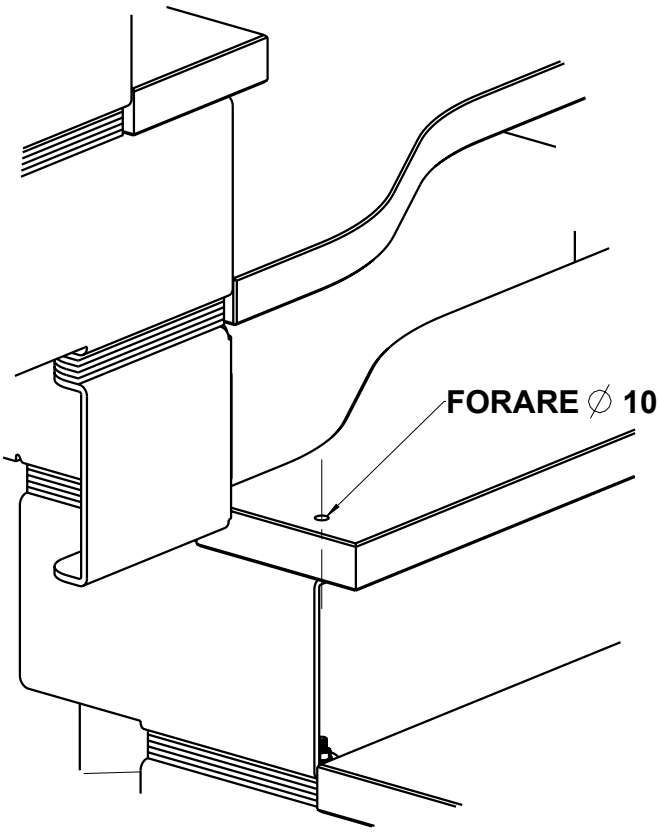
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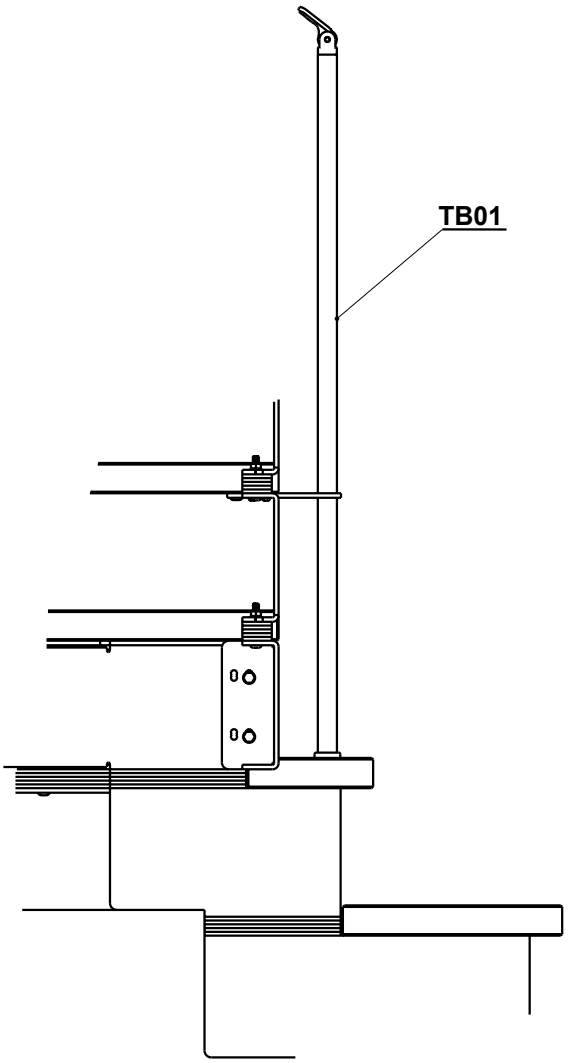
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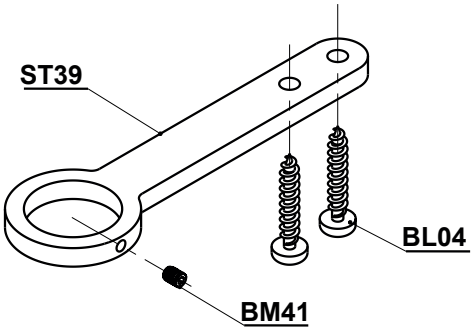
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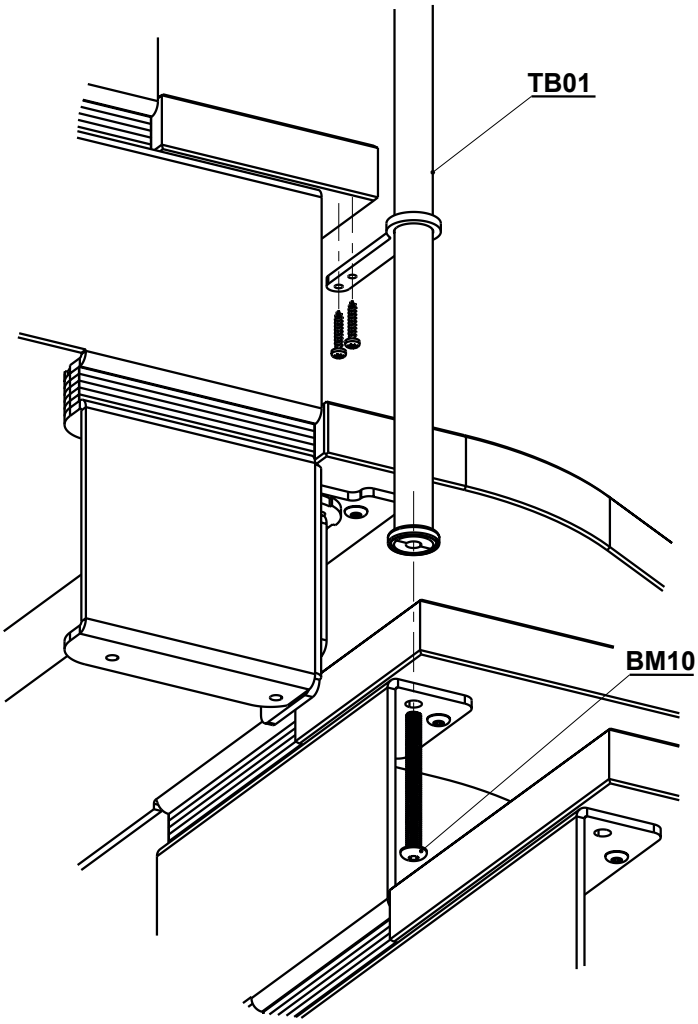
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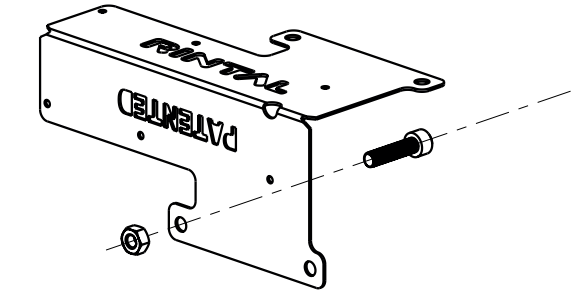

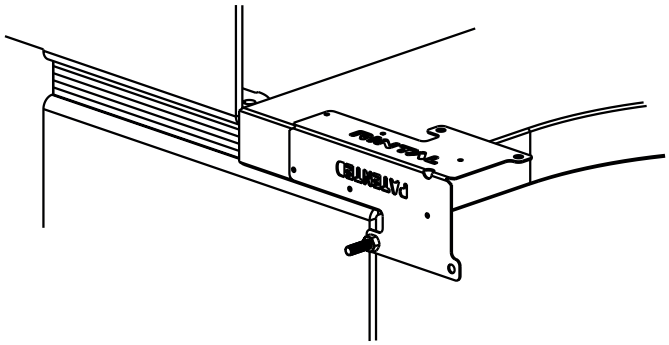

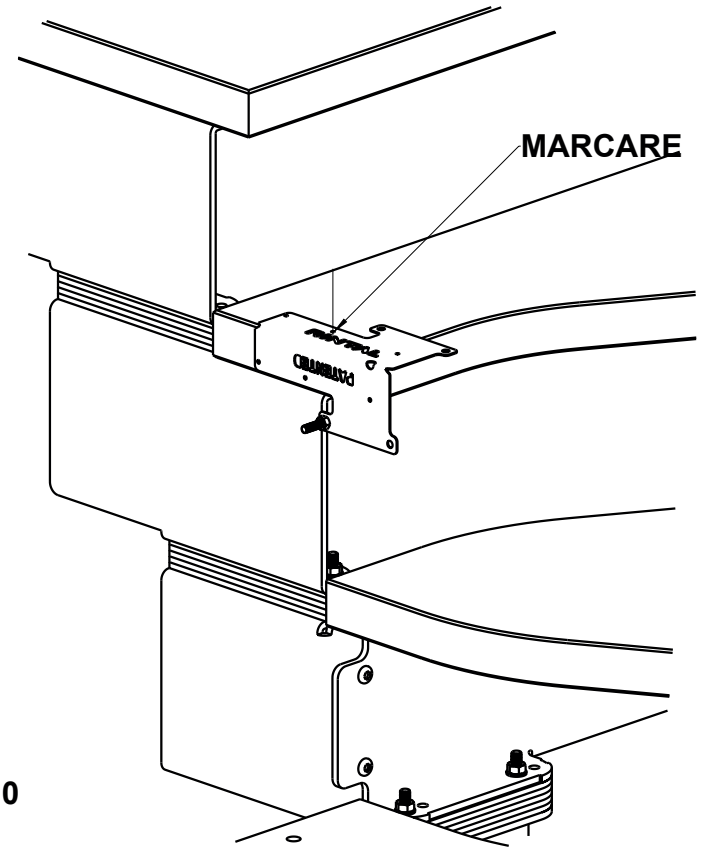
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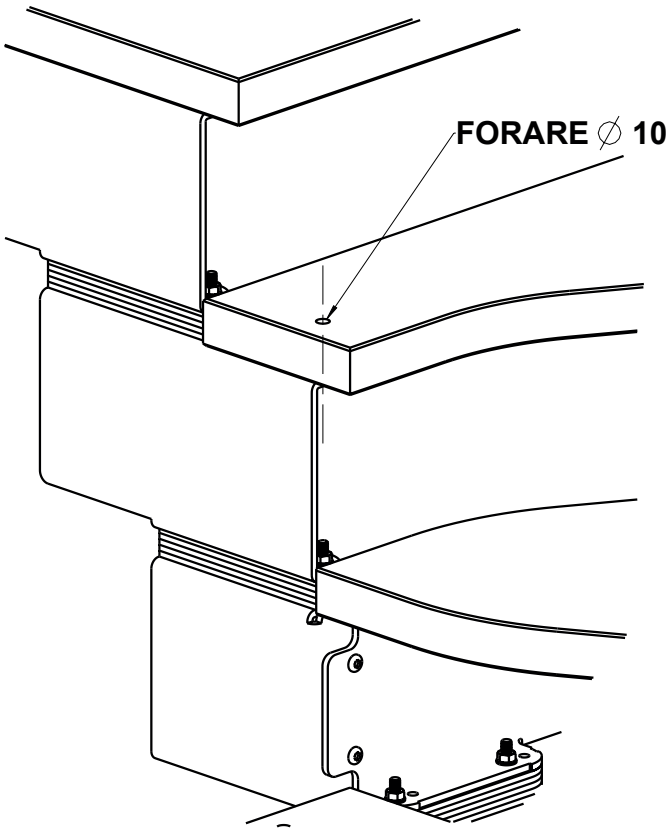
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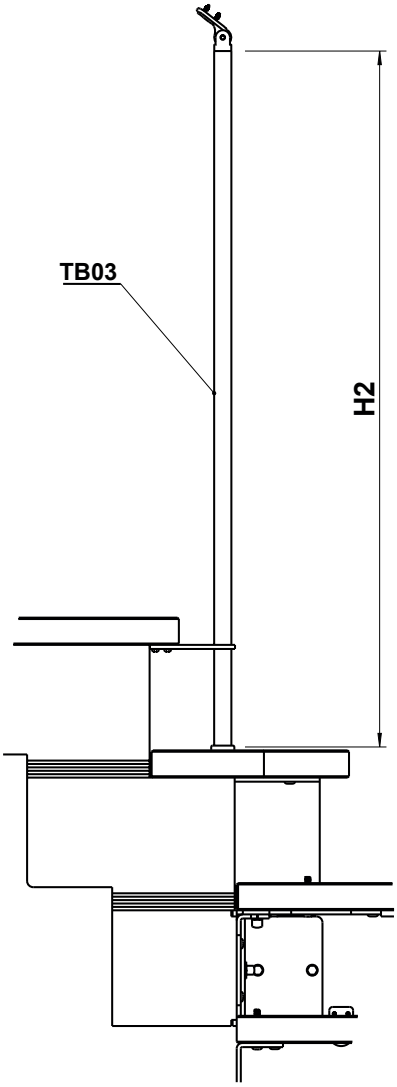
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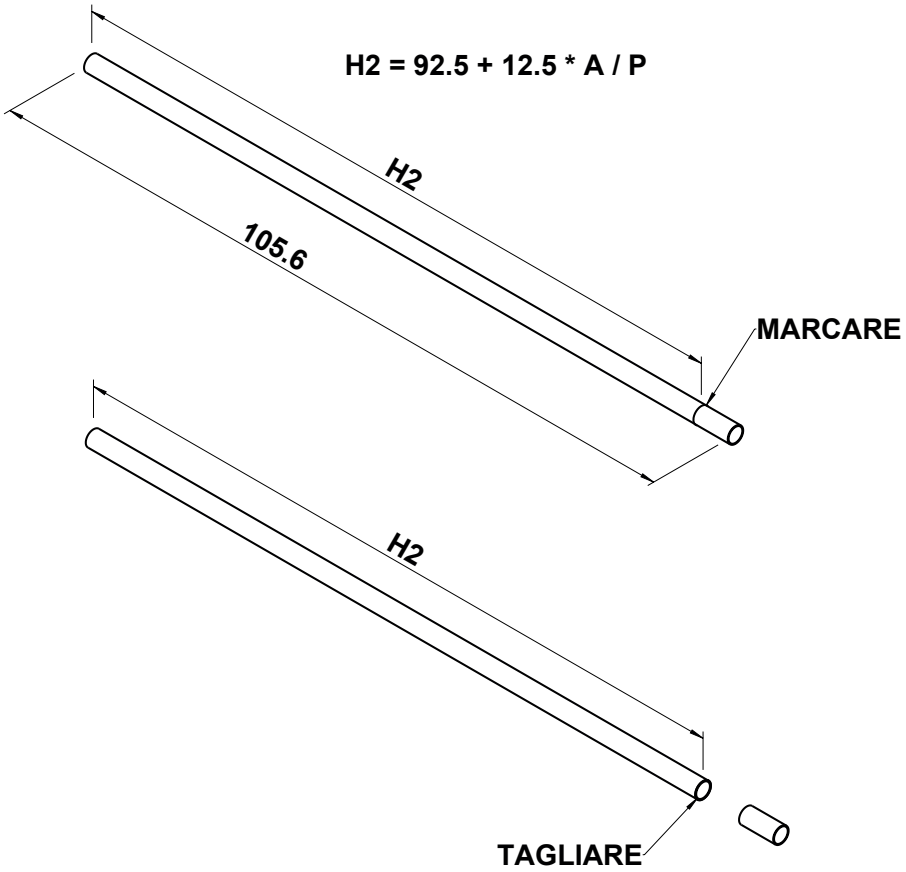
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H2
105.6
MARCARE
H2
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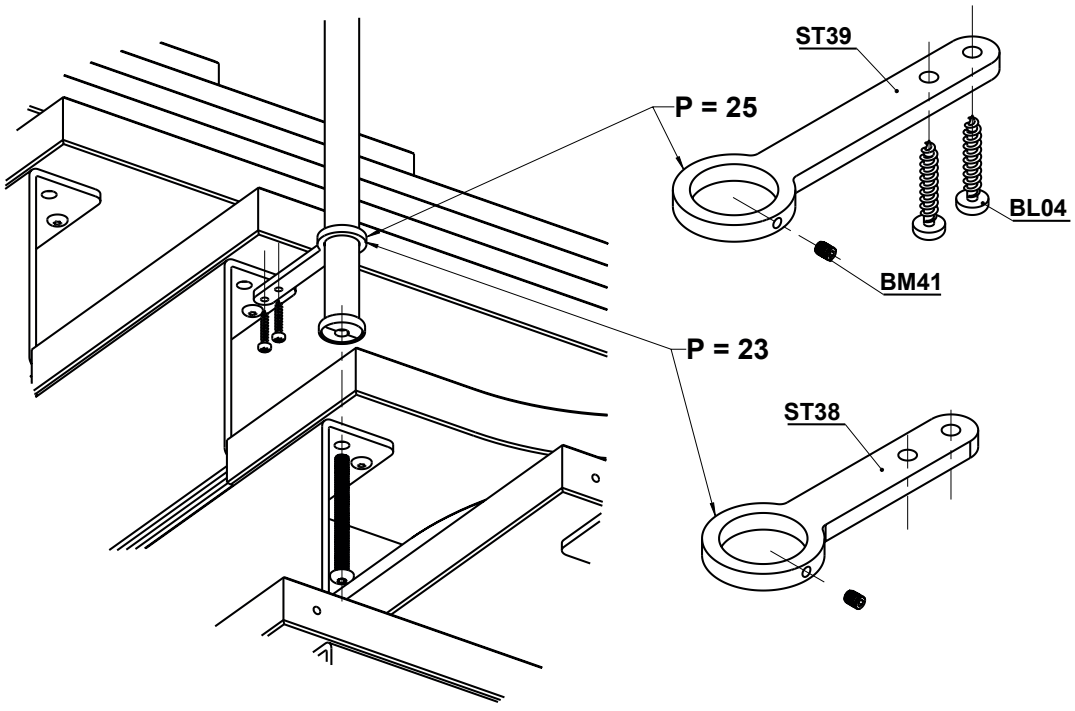
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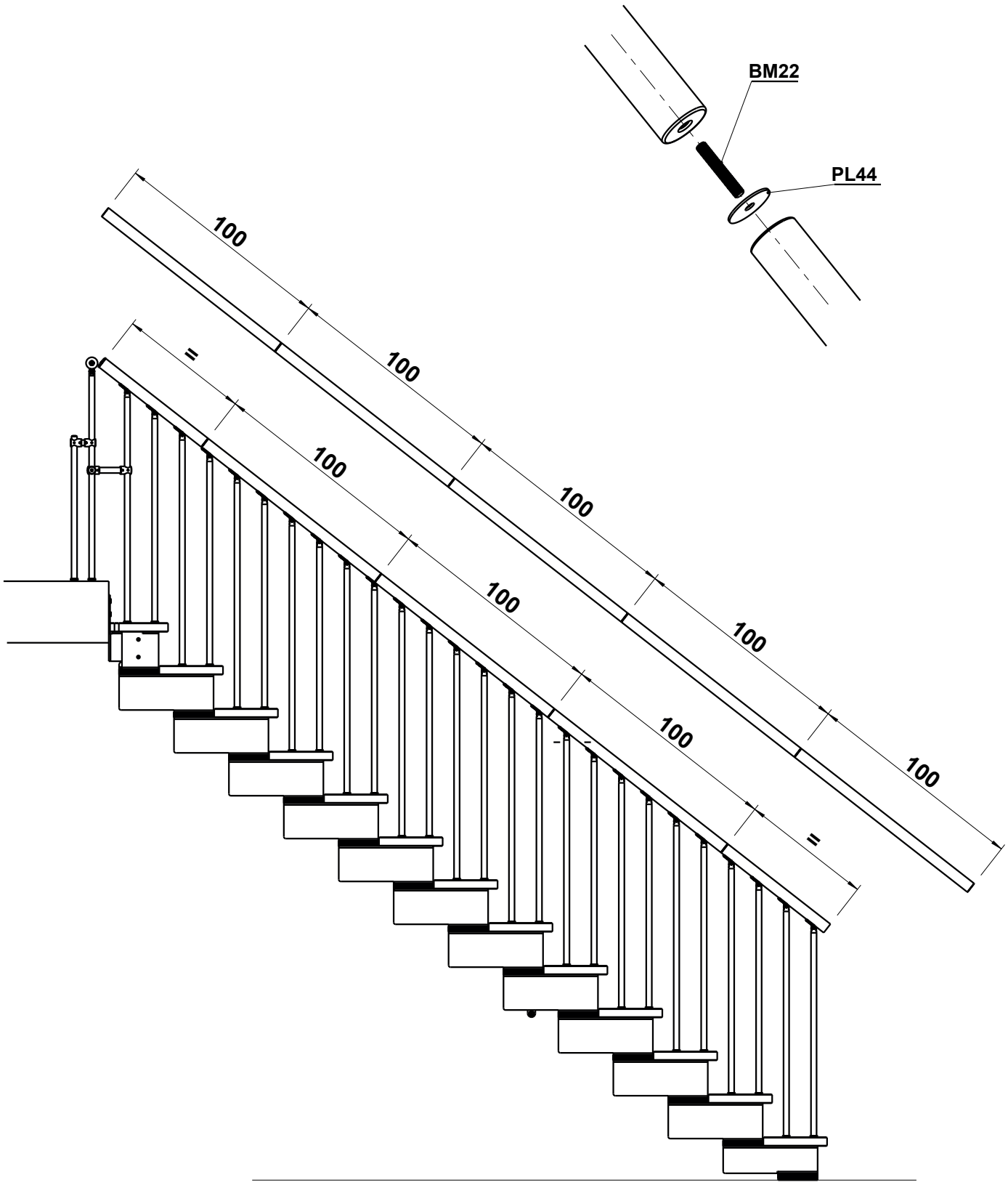
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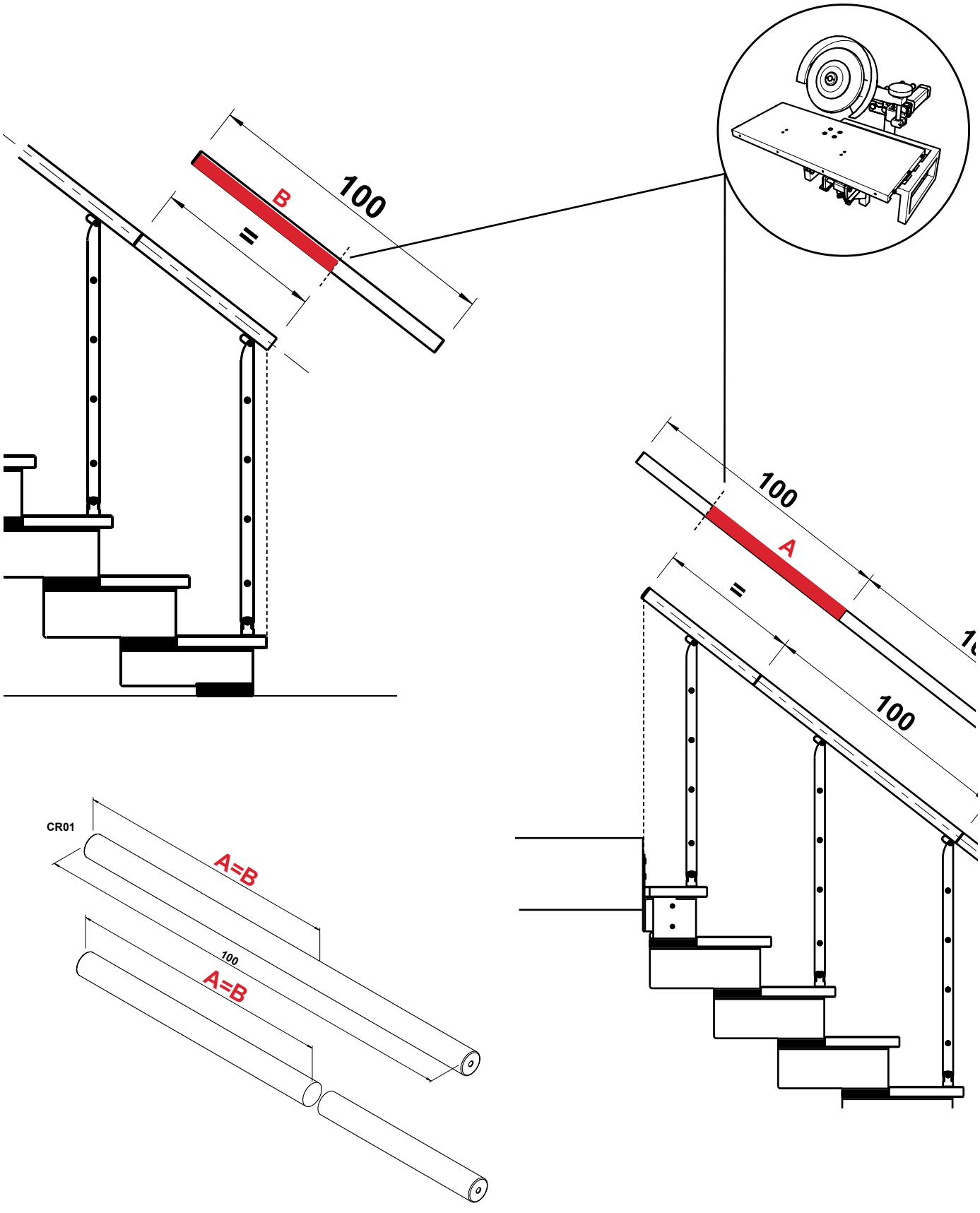
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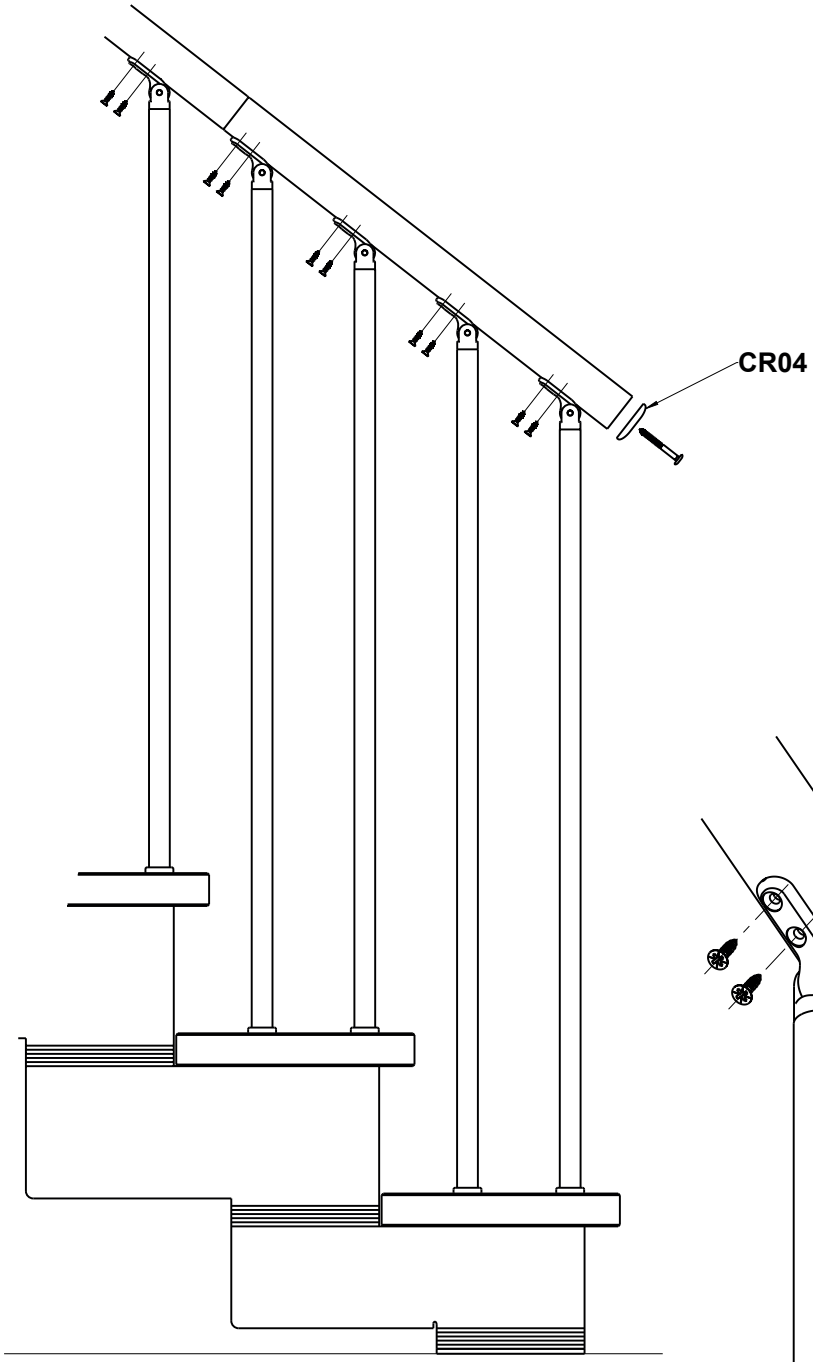
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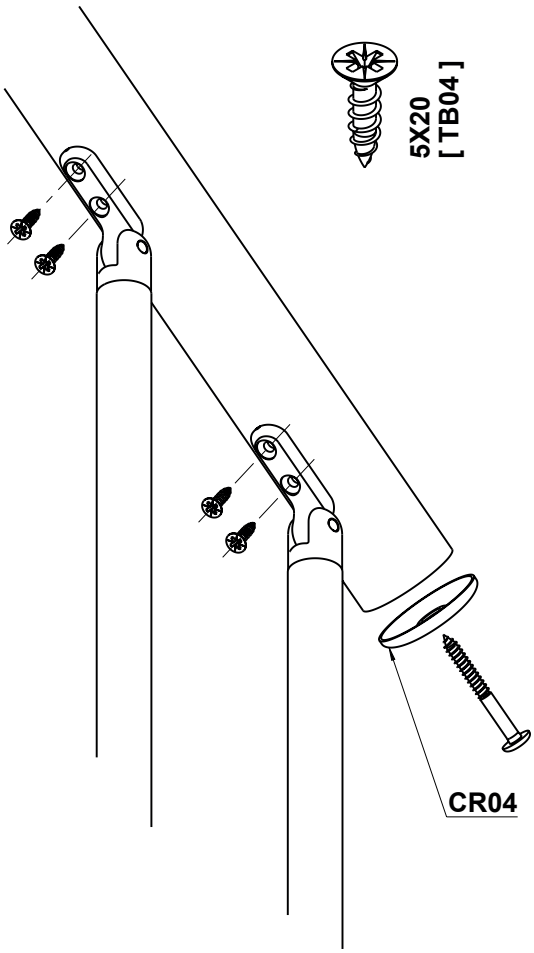
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