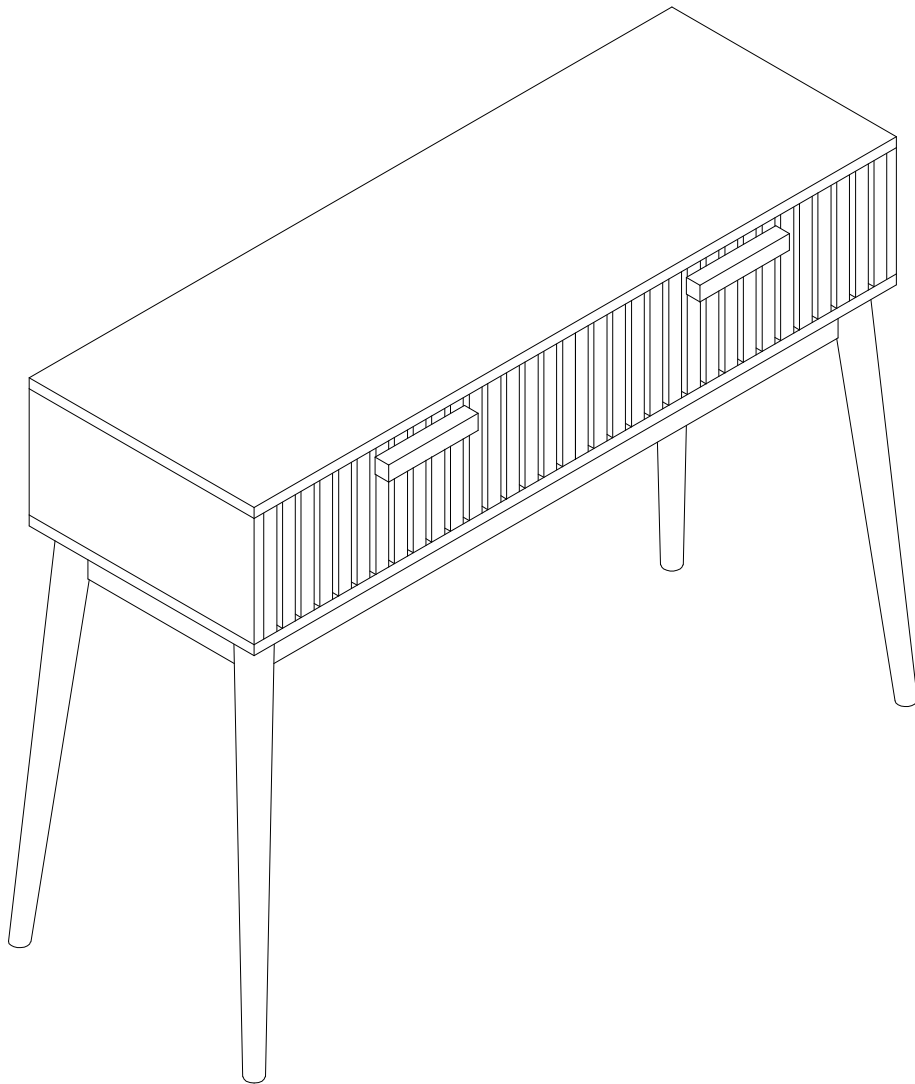
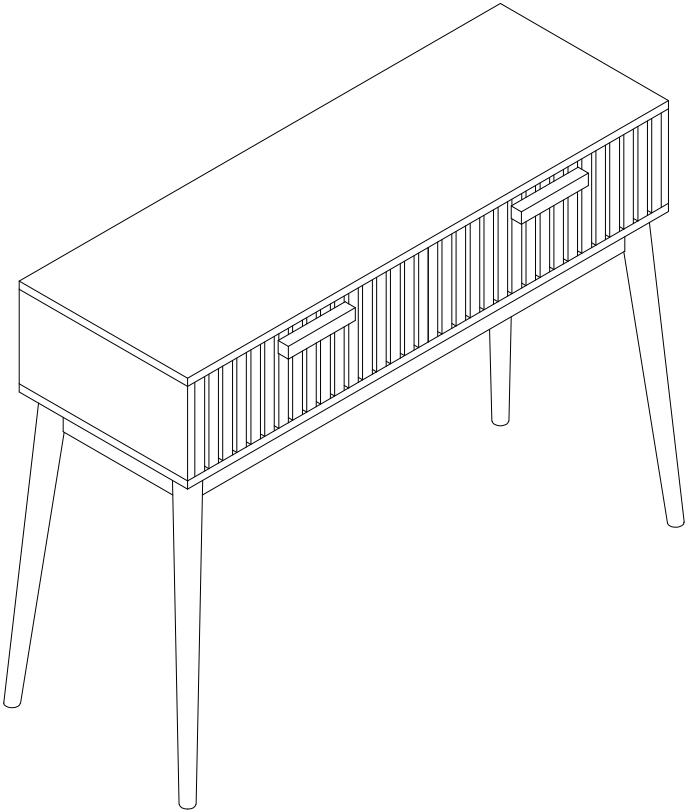
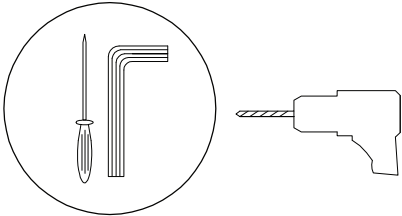


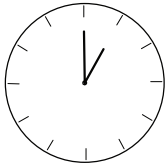
LYNWOOD



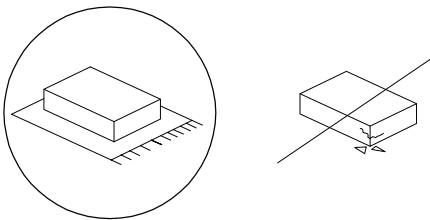




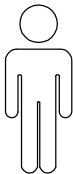




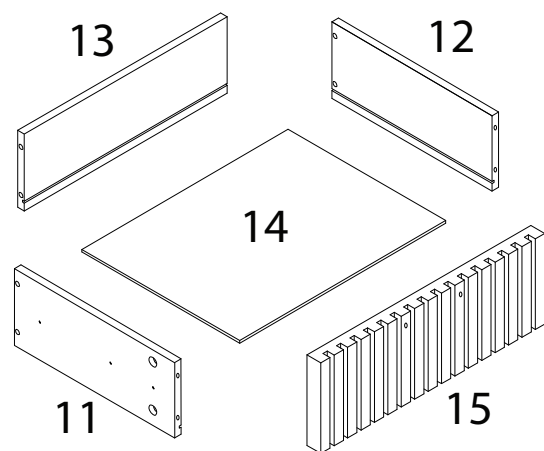
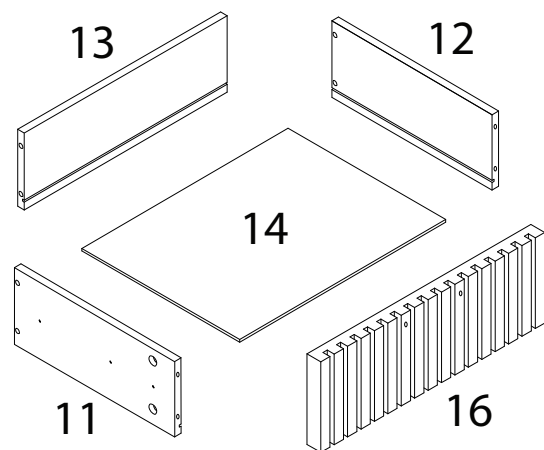
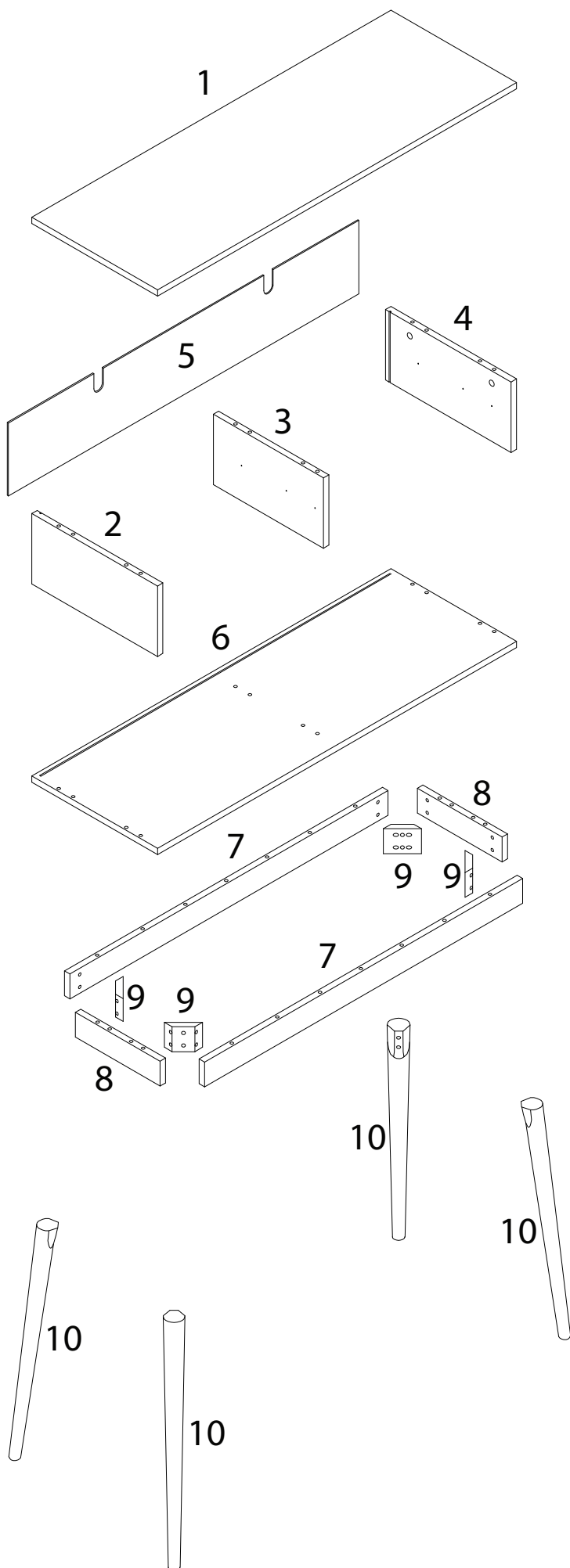
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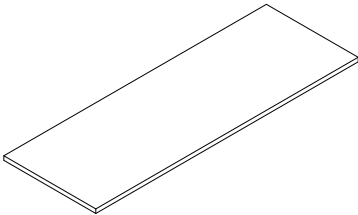
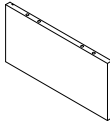
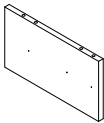
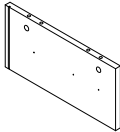
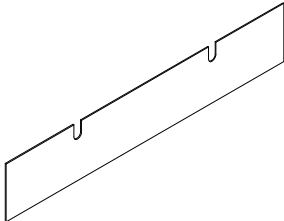
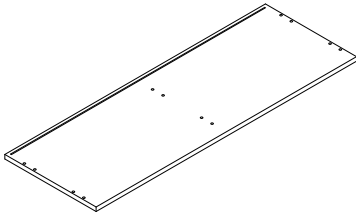
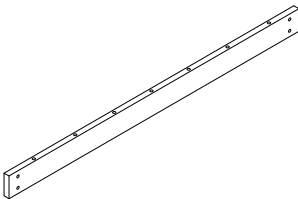
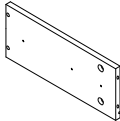
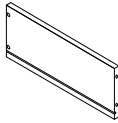
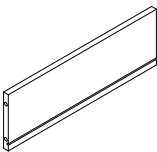
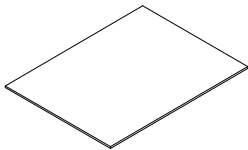
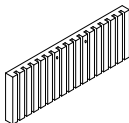
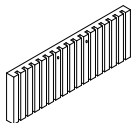


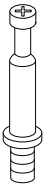
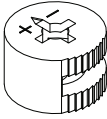
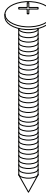
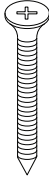
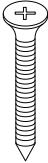
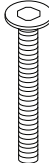
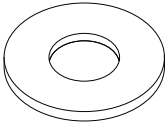
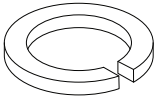
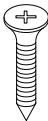
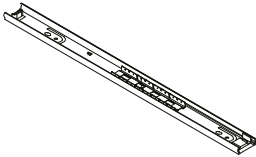
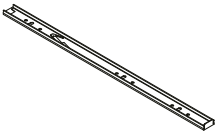
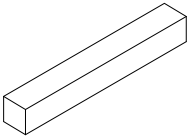
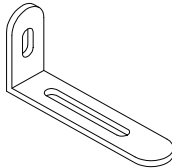
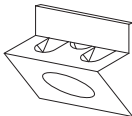
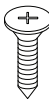




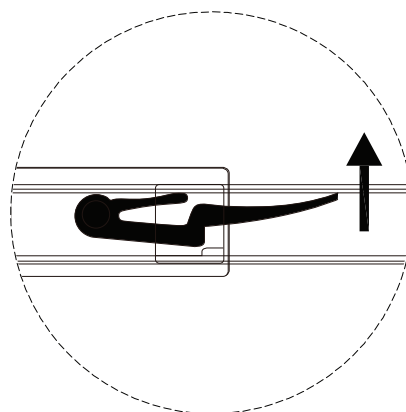
1



1  x 1	2  x 1	3  x 1	
4  x 1	5  x 1	6  x 1	
7  x 2	8  x 2	9  x 4	
10  x 4	11  x 2	12  x 2	
13  x 2	14  x 2	15  x 1	16  x 1

A  x 14	B  x 14	C  x 22	D  M5 x 50 x 12
E  M4 x 40 x 4	F  M4 x 35 x 16	G  M6 x 45 x 8	H  x 8
J  x 8	K  M4 x 20 x 16	L  M3 x 12 x 24	M₁  x 4
M₂  x 4	N  x 2	O  x 1	P  x 2
Q  M4 x 12 x 2	S  x 4	U  M3 x 14 x 4	V  x 2

The diagram shows a horizontal beam of total length $2L$, divided into two segments of length L by a central joint. The left end is labeled M_1 and the right end is labeled M_2 . A large black arrow above the beam points to the left, indicating the direction of a moving load. The beam is supported by a central roller support at the joint. The beam is divided into segments by vertical lines, and the central joint is highlighted with a dashed circle.



A 3D diagram of a rectangular prism. The top horizontal edge is labeled with the number '1'. The bottom-left receding edge is labeled with the expression 'x 1'.

A

x 6

C

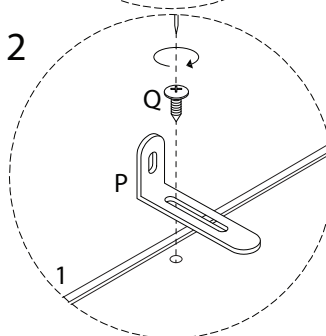
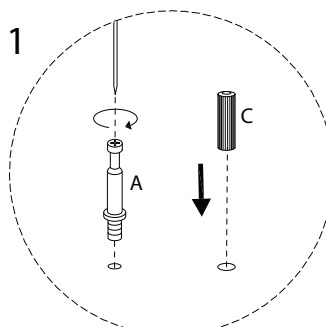
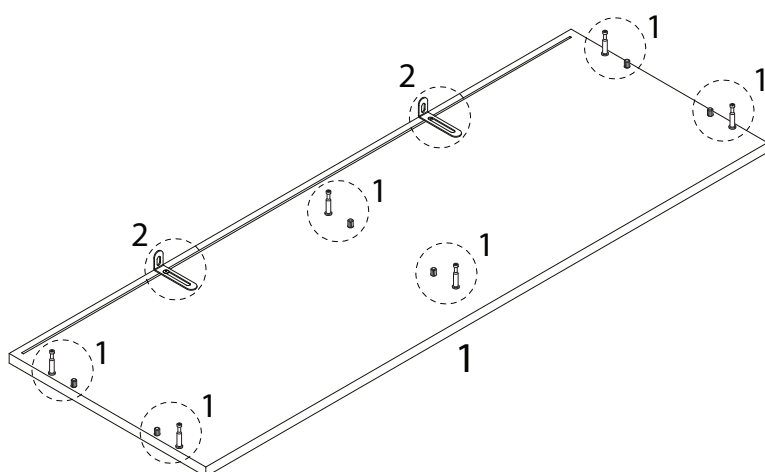
x 6

P
x 2

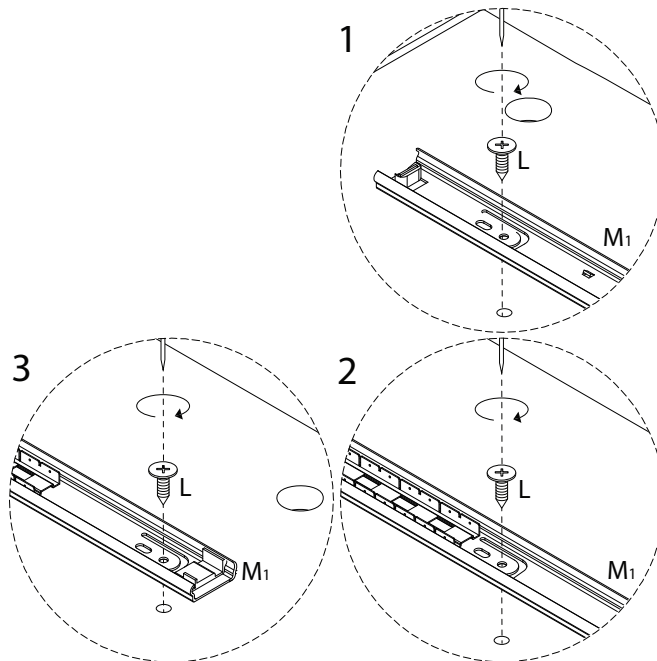
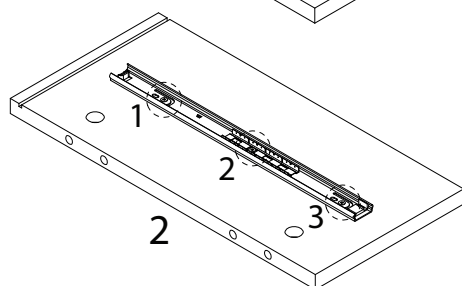
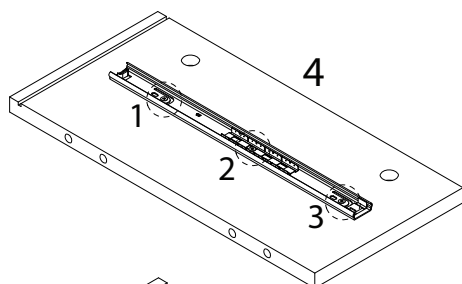
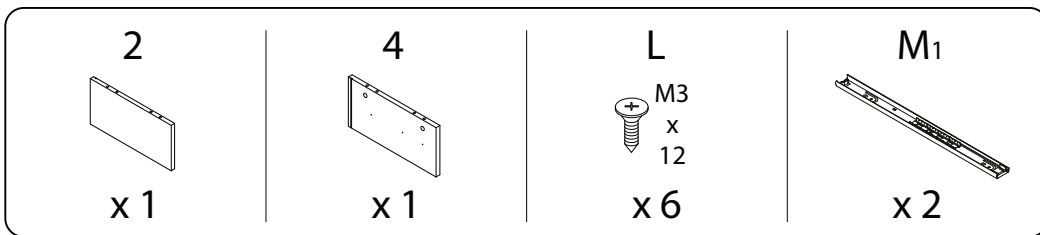
Q

M4
x
12

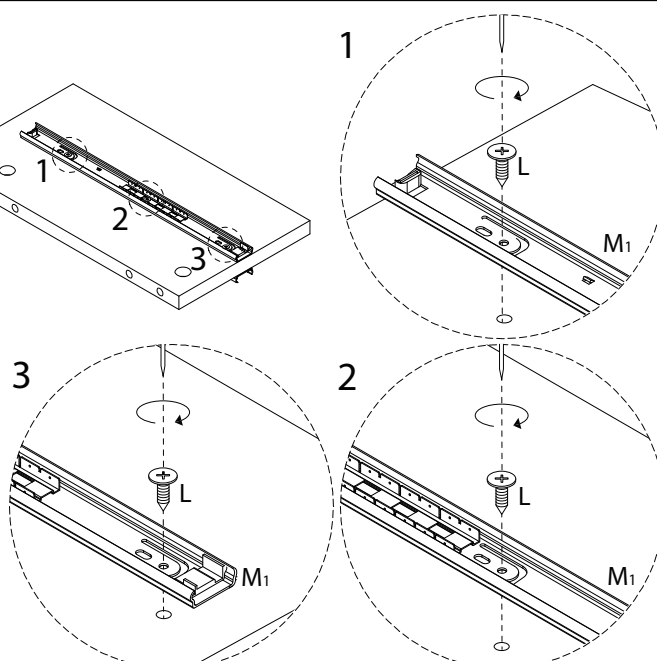
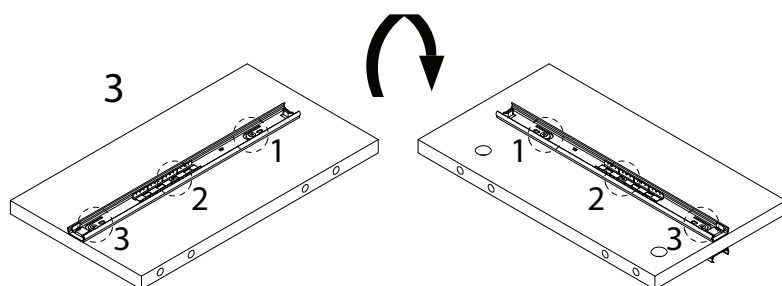
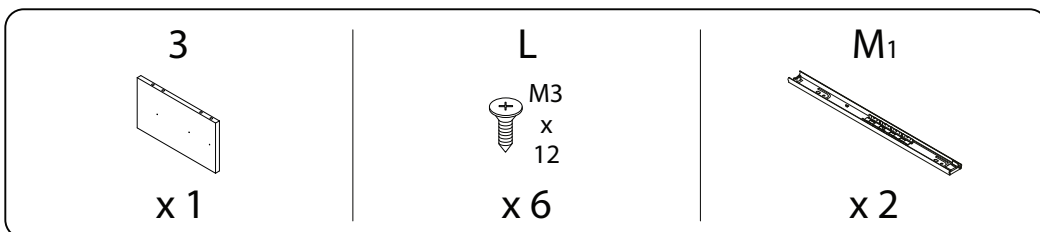
x 2



2



3

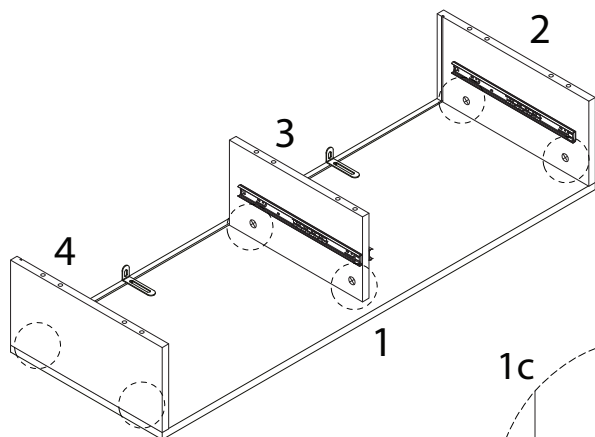


4

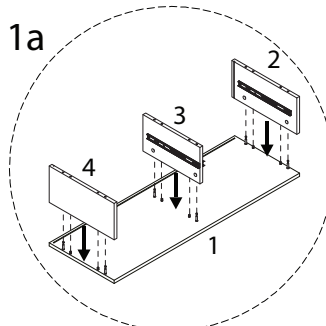
B



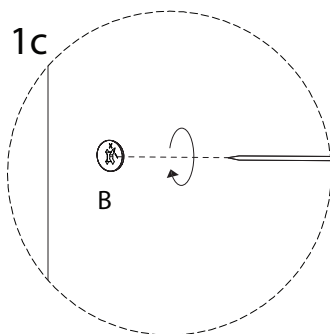
x 6



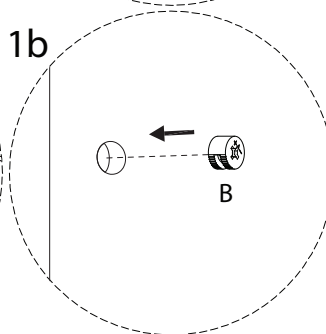
1a



1c

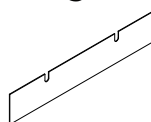


1b

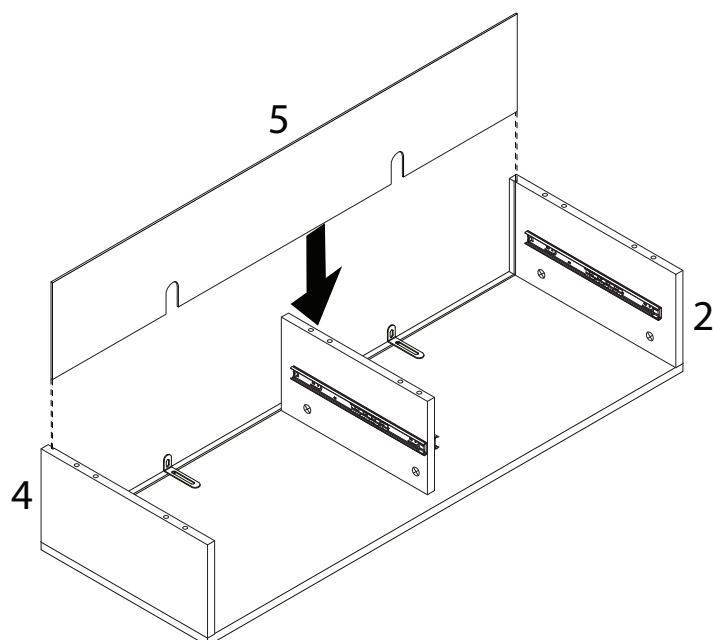


5

5

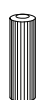


x 1

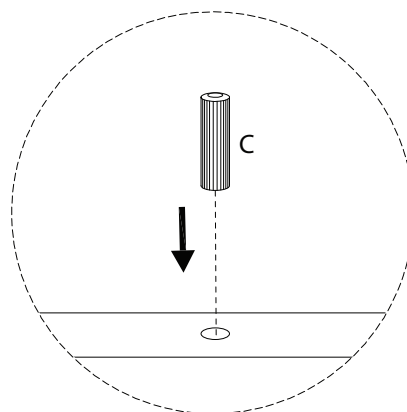
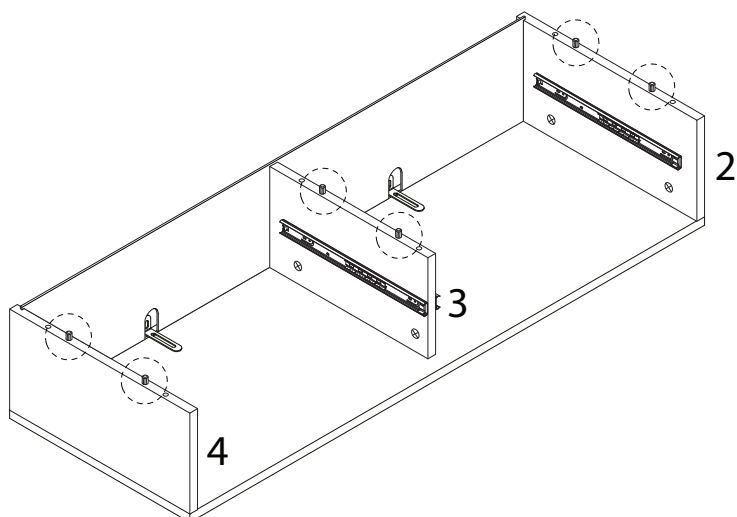


6

C

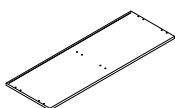


x 6



7

6

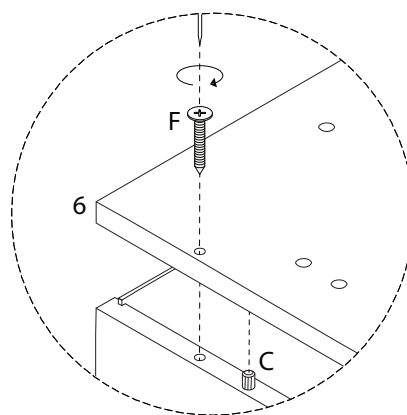
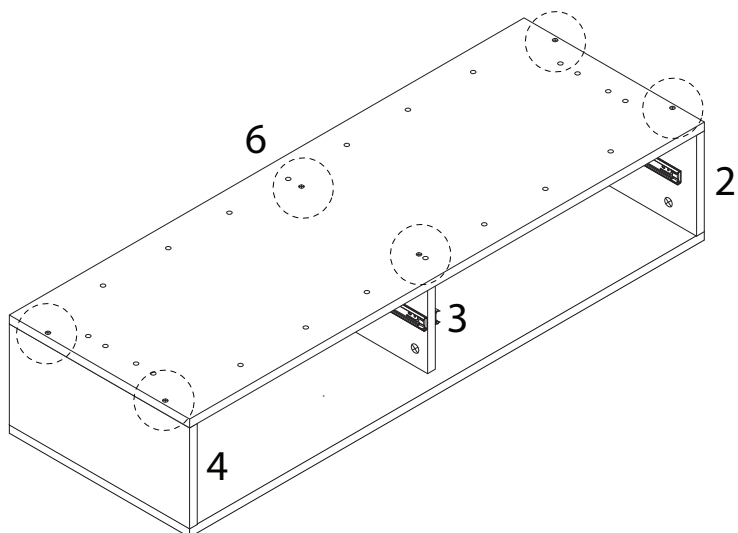


x 1

F

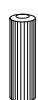


x 6

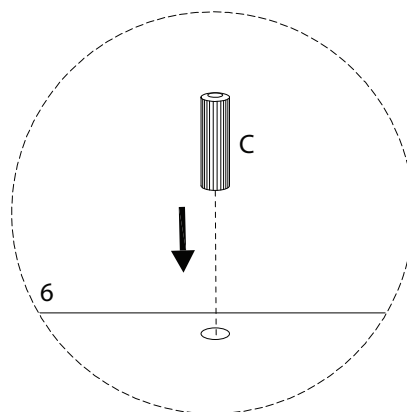
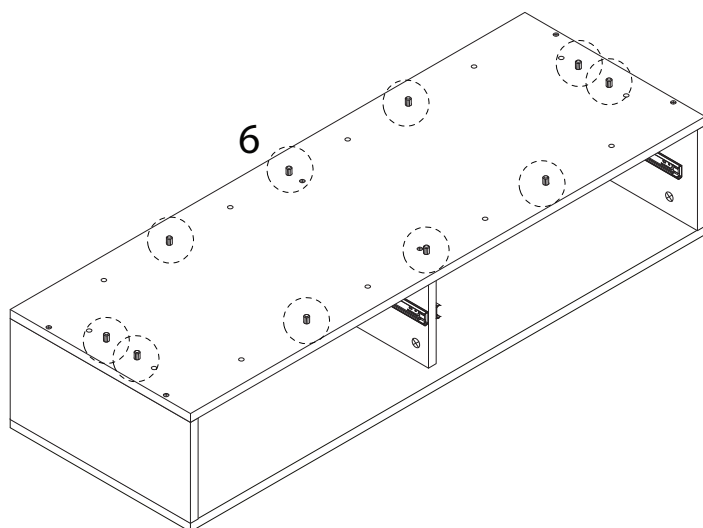


8

C

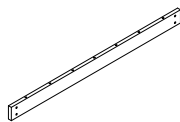


x 10



9

7



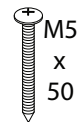
x 2

8

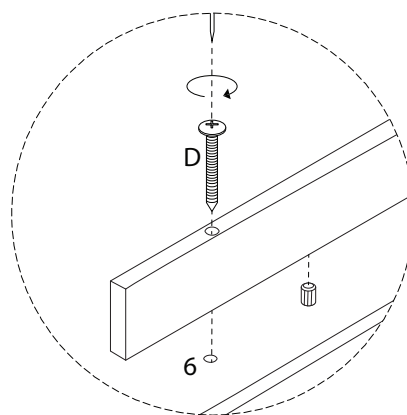
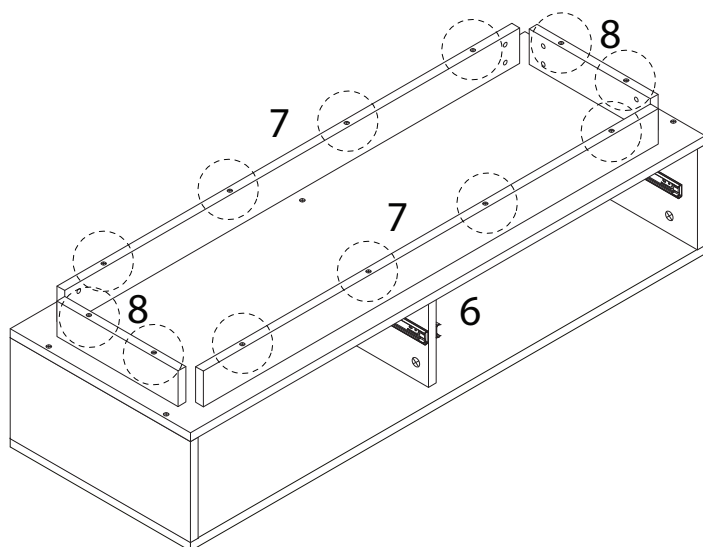


x 2

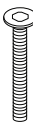
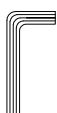
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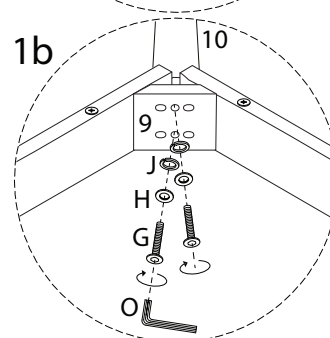
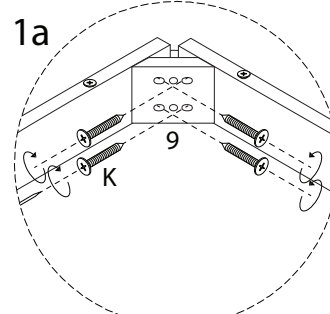
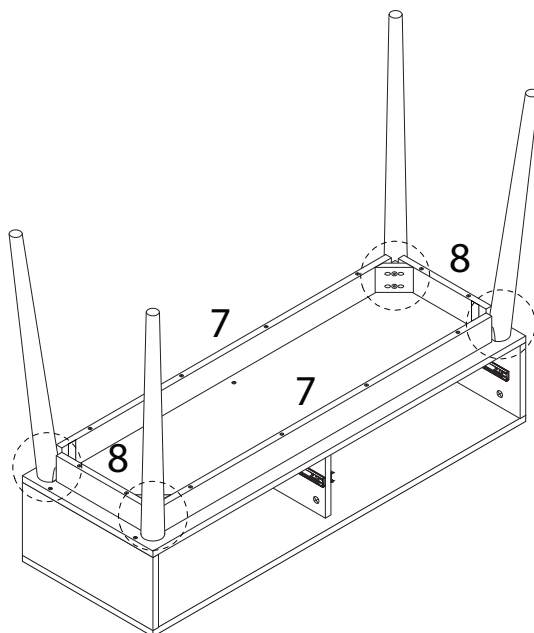


x 12

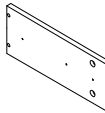
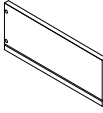


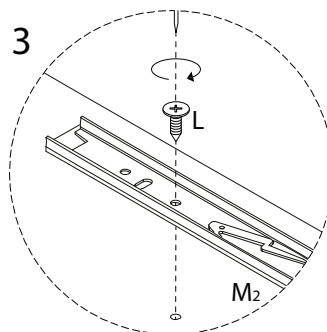
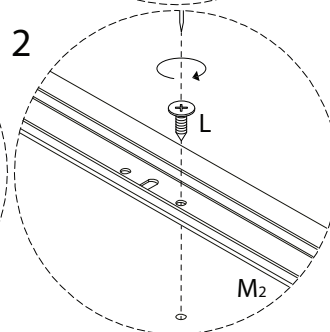
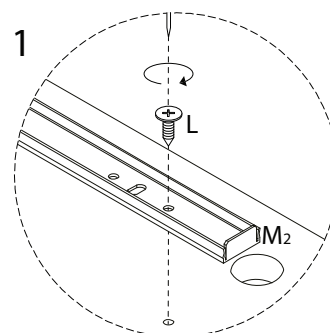
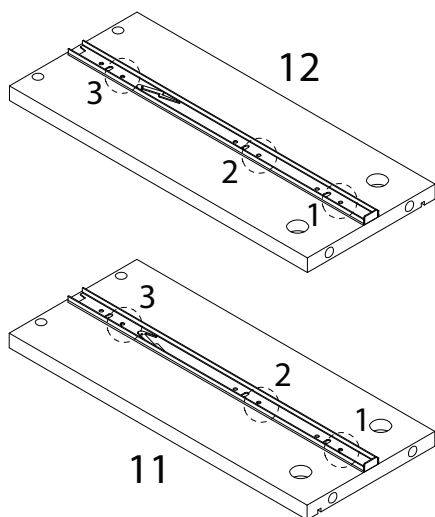
10

9	10	G	H	J	K	O
						
x 4	x 4	x 8	x 8	x 8	x 16	x 1



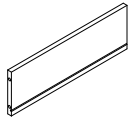
11 x 2

11	12	L	M ₂
			
x 1	x 1	x 6	x 2



12 x 2

13

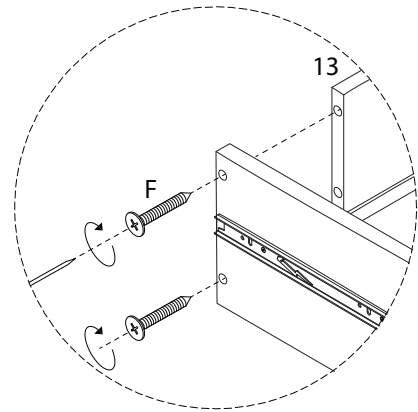
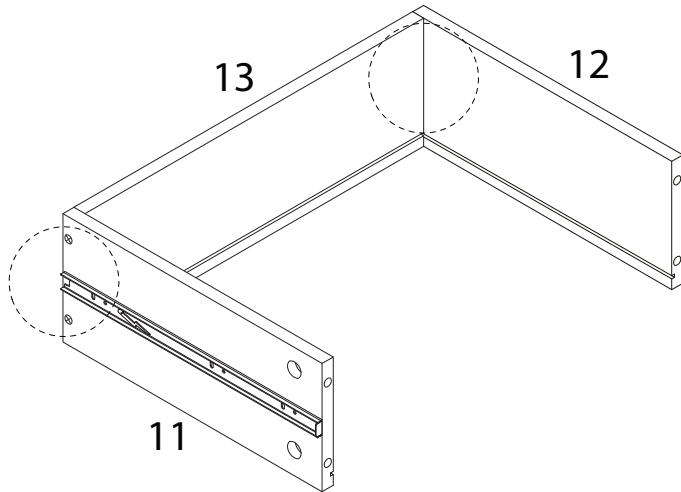


x 1

F

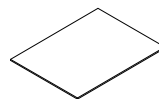


x 4

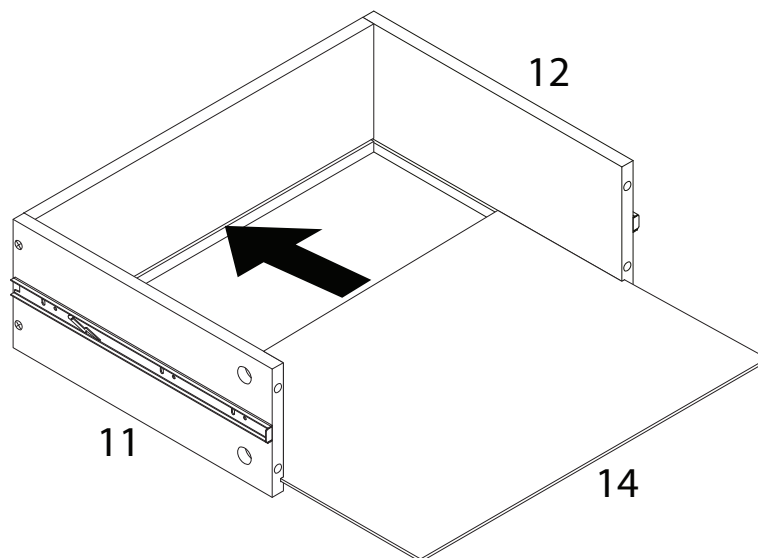


13 x 2

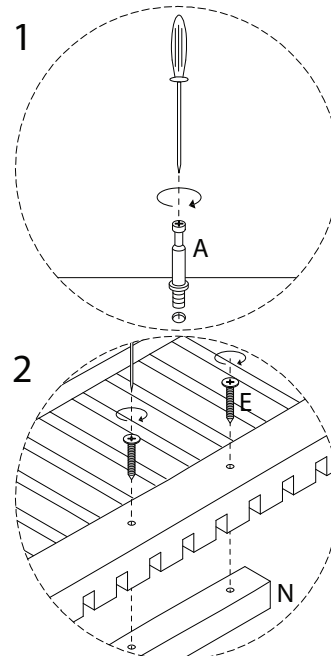
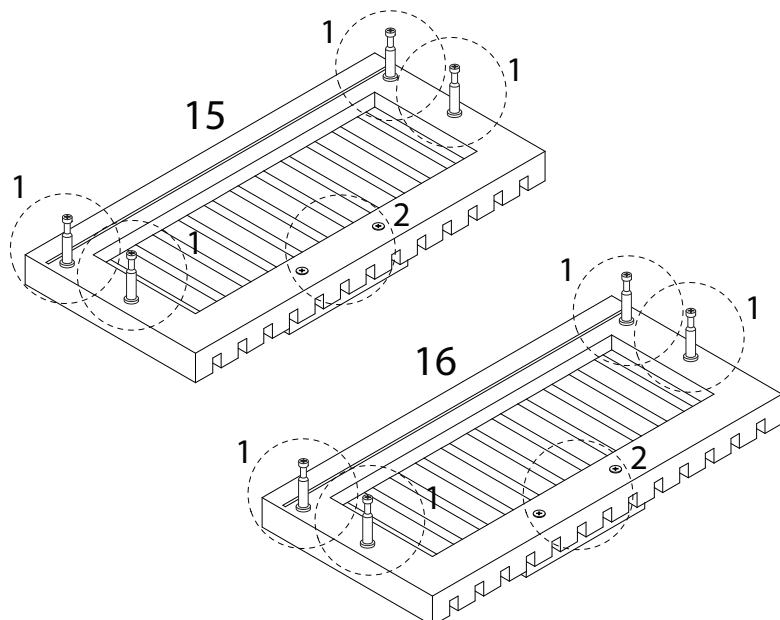
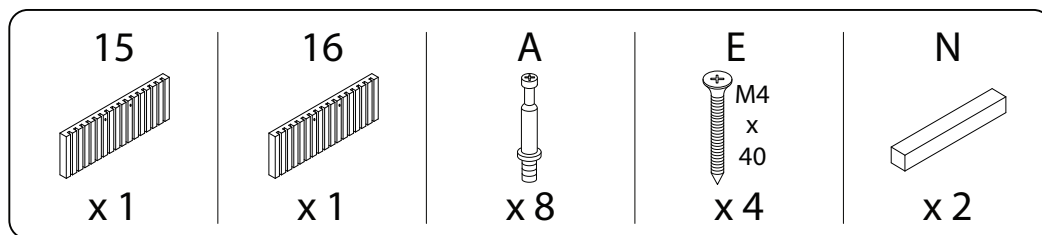
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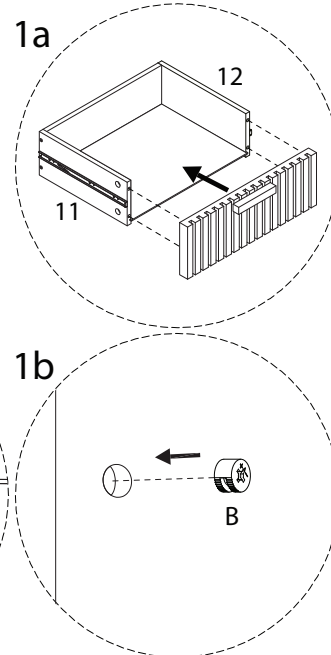
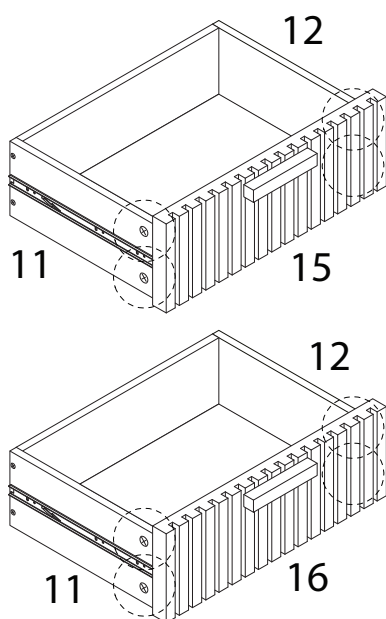
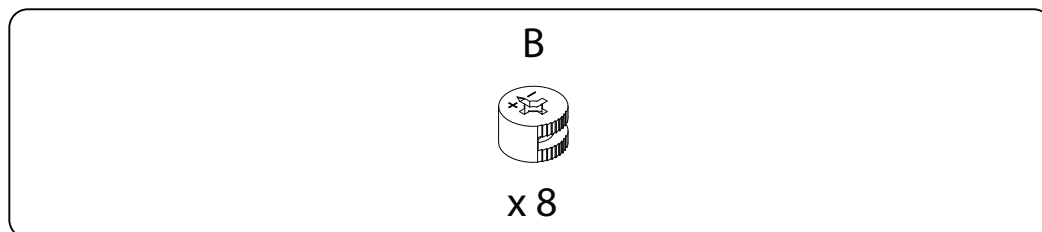
x 1



14



15



16

S

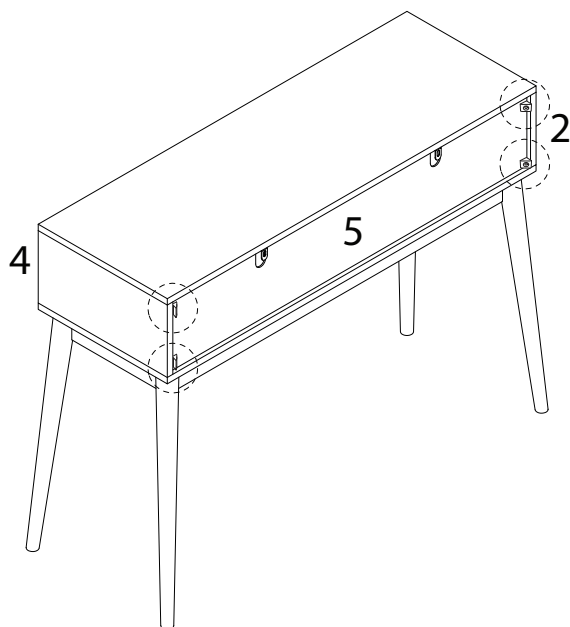


x 4

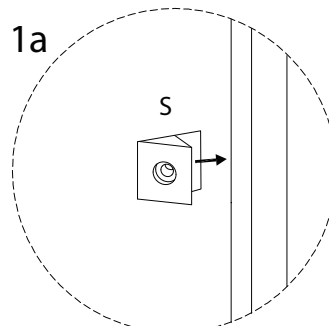
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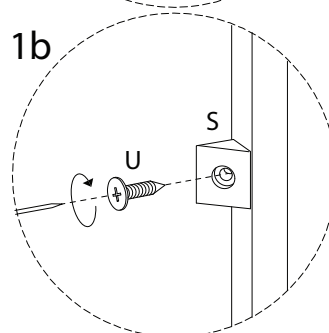
x 4



1a



1b



17

F

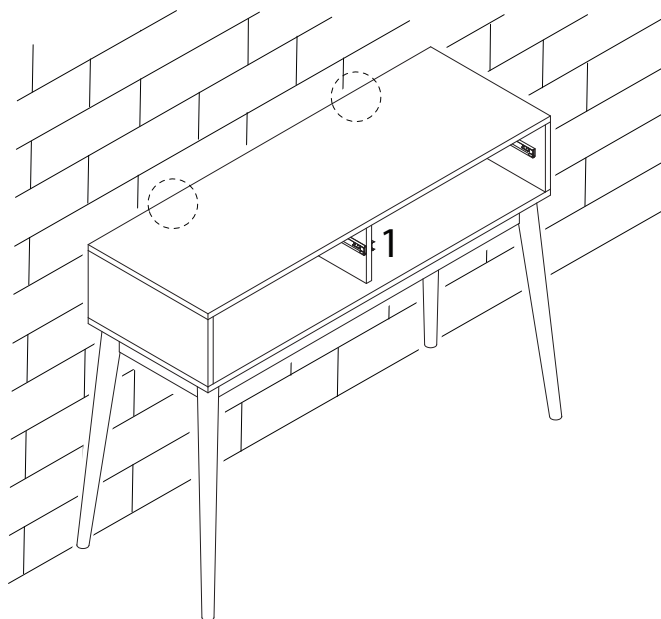


x 2

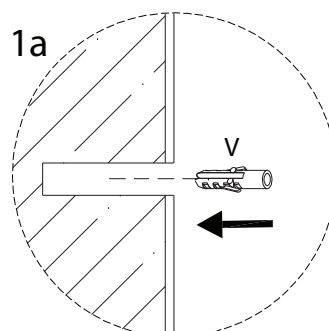
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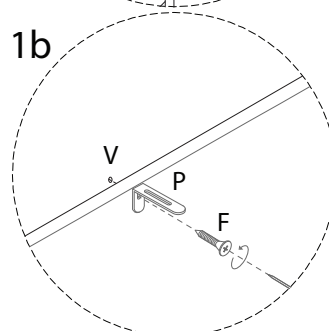
x 2



1a



1b



18

