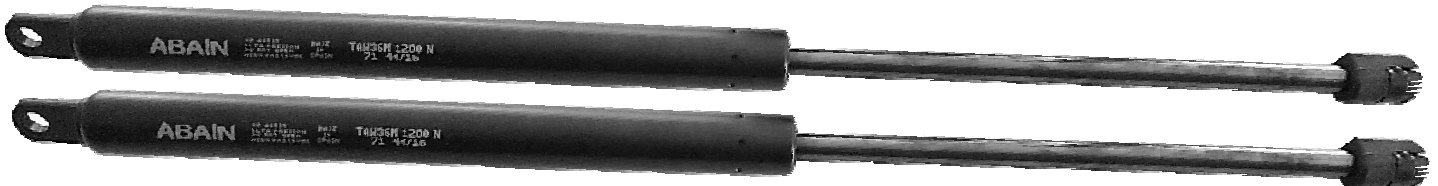


1. Gas lifts with lowering retention
Elevadores a gas con retención en bajada

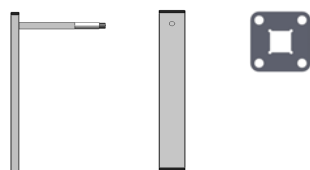


2. Lateral plates
Pareja de placas

3. Interface plates
Pletinas interface



4. Suggested legs support to the ground
Sugerencia de patas de apoyo al suelo



Ref.: CA-PLE50-MTJ-VER-20190918

Inner measurements resulting from the final cabinet, regardless of thickness of the boards.

The forces are indicative, they will depend on the final weight of the set formed by the bed frame, the door and the mattress .

Medidas interiores resultantes del armario final, sin tener en cuenta el espesor de los tableros utilizados.

Las fuerzas son orientativas, dependerán del peso final del conjunto formado por el somier, la puerta y el colchón.

Bed frame measurements Medidas Somier	ANC.M x ALT.M x C Interiores measurements Medidas interiores	L	AP x LP Door measurements Medidas Puerta	Gas lift strength Fuerza Elevador
800x1800	910x1920x300	1927	904x1909	700 N
800x1900	910x2020x300	2027	904x2009	700 N
800x2000	910x2120x300	2127	904x2109	800 N
900x1800	1010x1920x300	1927	1004x1909	800 N
900x1900	1010x2020x300	2027	1004x2009	800 N
900x2000	1010x2120x300	2127	1004x2109	1000 N
1000x1800	1110x1920x300	1927	1104x1909	1000 N
1000x1900	1110x2020x300	2027	1104x2009	1000 N
1000x2000	1110x2120x300	2127	1104x2109	1000 N
1050x1800	1160x1920x300	1927	1154x1909	1000 N
1050x1900	1160x2020x300	2027	1154x2009	1000 N
1050x2000	1160x2120x300	2127	1154x2109	1200 N
1200x1800	1310x1920x300	1927	1304x1909	1200 N
1200x1900	1310x2020x300	2027	1304x2009	1200 N
1200x2000	1310x2120x300	2127	1304x2109	1200 N
1350x1800	1460x1920x300	1927	1454x1909	1200 N
1350x1900	1460x2020x300	2027	1454x2009	1400 N
1350x2000	1460x2120x300	2127	1454x2109	1400 N
1400x1800	1510x1920x300	1927	1504x1909	1400 N
1400x1900	1510x2020x300	2027	1504x2009	1400 N
1400x2000	1510x2120x300	2127	1504x2109	1400 N
1500x1800	1610x1920x300	1927	1604x1909	1400 N
1500x1900	1610x2020x300	2027	1604x2009	1400 N
1500x2000	1610x2120x300	2127	1604x2109	1500 N
1600x1800	1710x1920x300	1927	1704x1909	1500 N
1600x1900	1710x2020x300	2027	1704x2009	1500 N
1600x2000	1710x2120x300	2127	1704x2109	1700 N
1800x1800	1910x1920x300	1927	1904x1909	1700 N
1800x1900	1910x2020x300	2027	1904x2009	1700 N
1800x2000	1910x2120x300	2127	1904x2109	1900 N
2000x2000	2110x2120x300	2127	2104x2109	1900 N

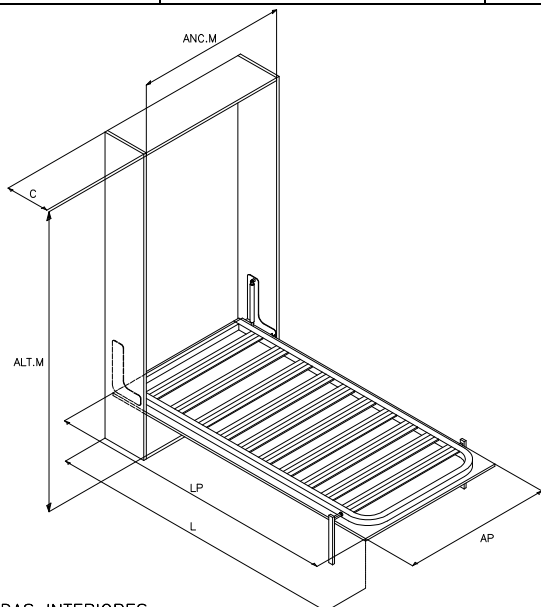


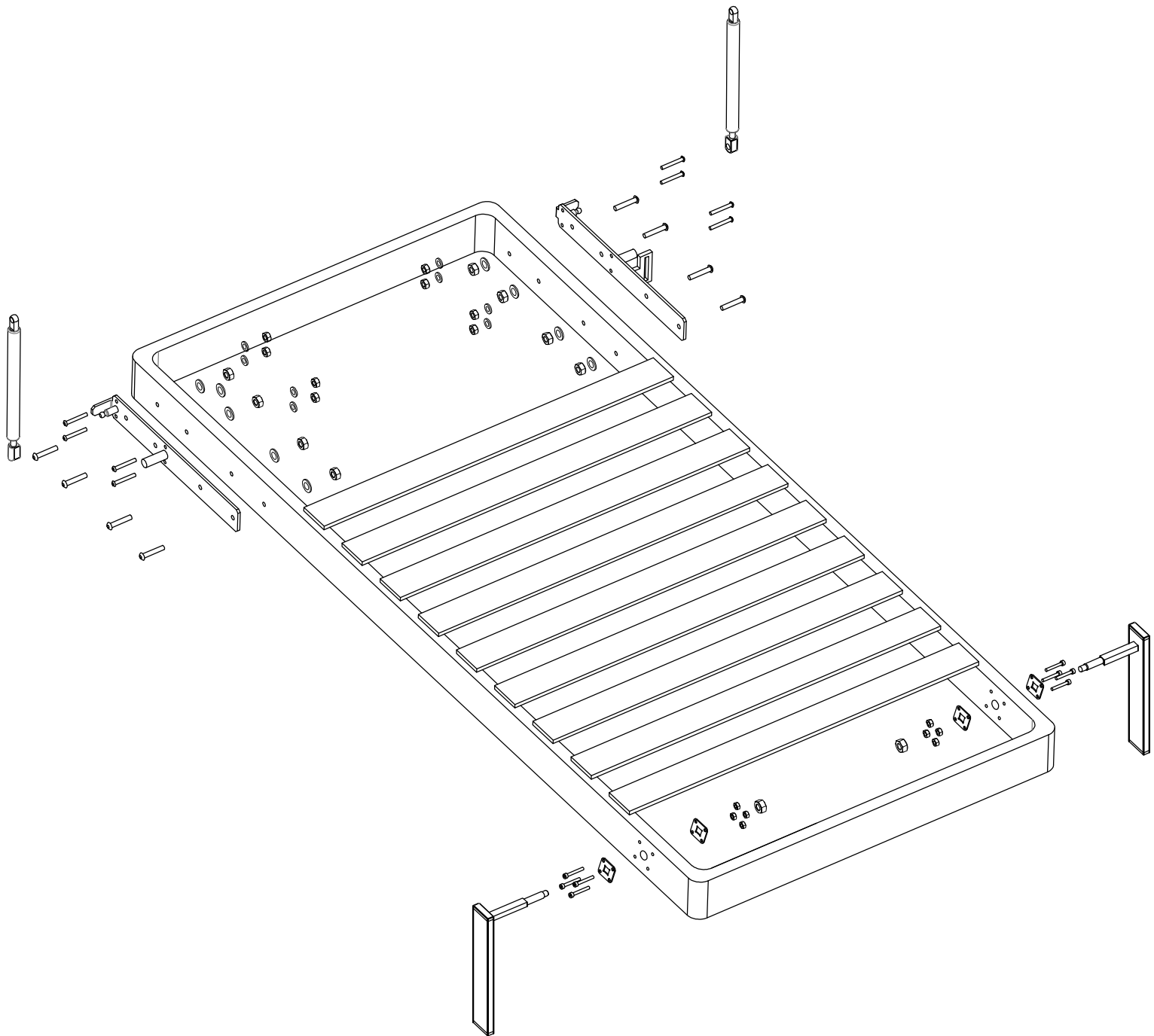
TABLA DE MEDIDAS INTERIORES

CAMA ABATIBLE VERTICAL-A18092019



VERTICAL BED FRAME COMPONENTS SKETCH-GENERAL

SKETCH DE COMPONENTES DE SOMIER VERTICAL-GENERAL



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GAS LIFTS WITH RETENTION

ELEVADOR A GAS CON RETENCION

TAW36M

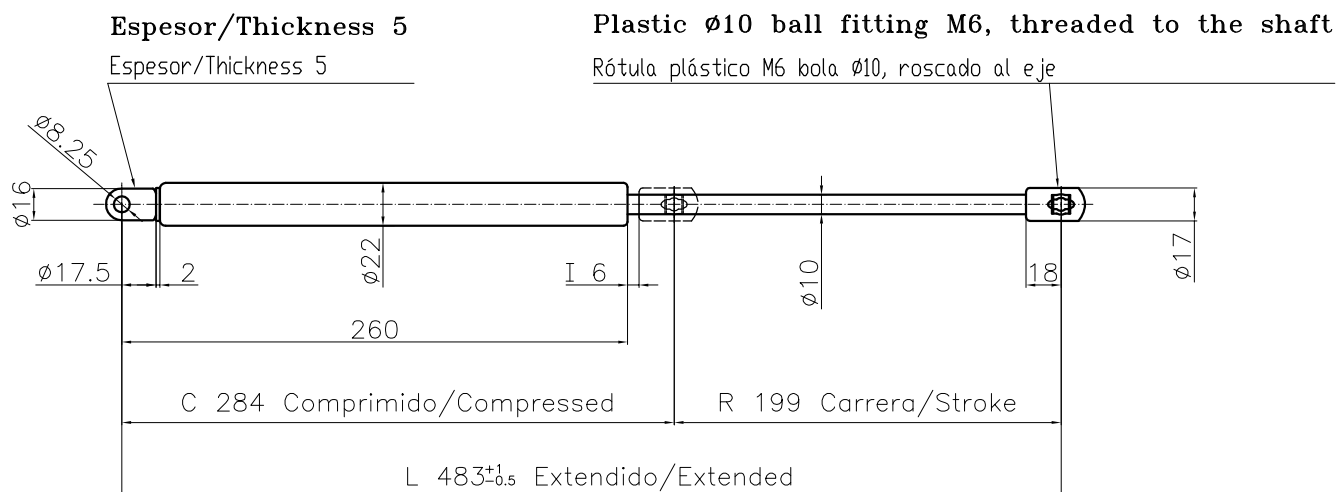


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GAS LIFTS WITH RETENTION

ELEVADOR A GAS CON RETENCION



These gas lifts are specifically designed and manufactured to get a retained, soft and controlled bed lowering.

The beds descends alone, no need to hold it.

The gas lifts at the same time, helps to raise the bed.

The gas lift strength (Newtons) are supplied depending on the bed measures and weights. When mounting the gas lift on the furniture, and if it is necessary to turn to insert the bolt, always do it in the ball fitting's thread tightening direction.

Estos elevadores a gas están específicamente diseñados y fabricados para una bajada retenida, suave y controlada de la cama.

La cama baja sola, no hay que sujetarla.

Los elevadores a su vez, ayudan a elevar la cama.

La fuerza de estos elevadores a gas (Newtons) se suministran en función de las medidas de la cama y pesos.

Al montar el elevador en el mueble, y en el caso de que se necesite girar para introducir el bulón, hacerlo siempre en el sentido de apriete de la rosca de la rótula.

CHARACTERISTICS /CARACTERISTICAS:
Code TAW36M Código TAW36M
F ₁ from 70N to 1800N F ₁ desde 70N hasta 1800N
Tube $\phi 22$ black painted Tubo $\phi 22$ pintado negro
Dimensions in m/m Dimensiones en m/m

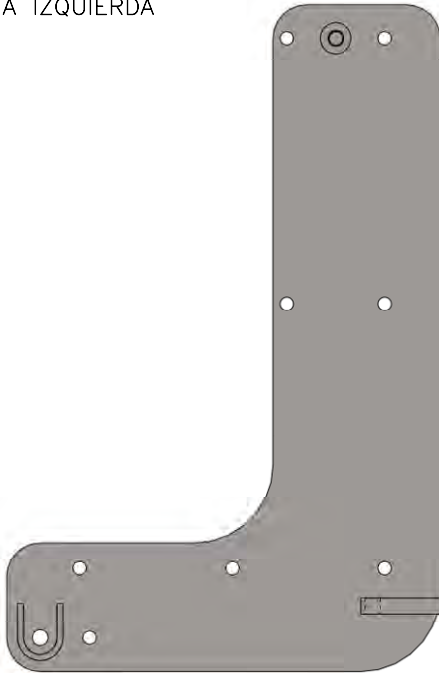
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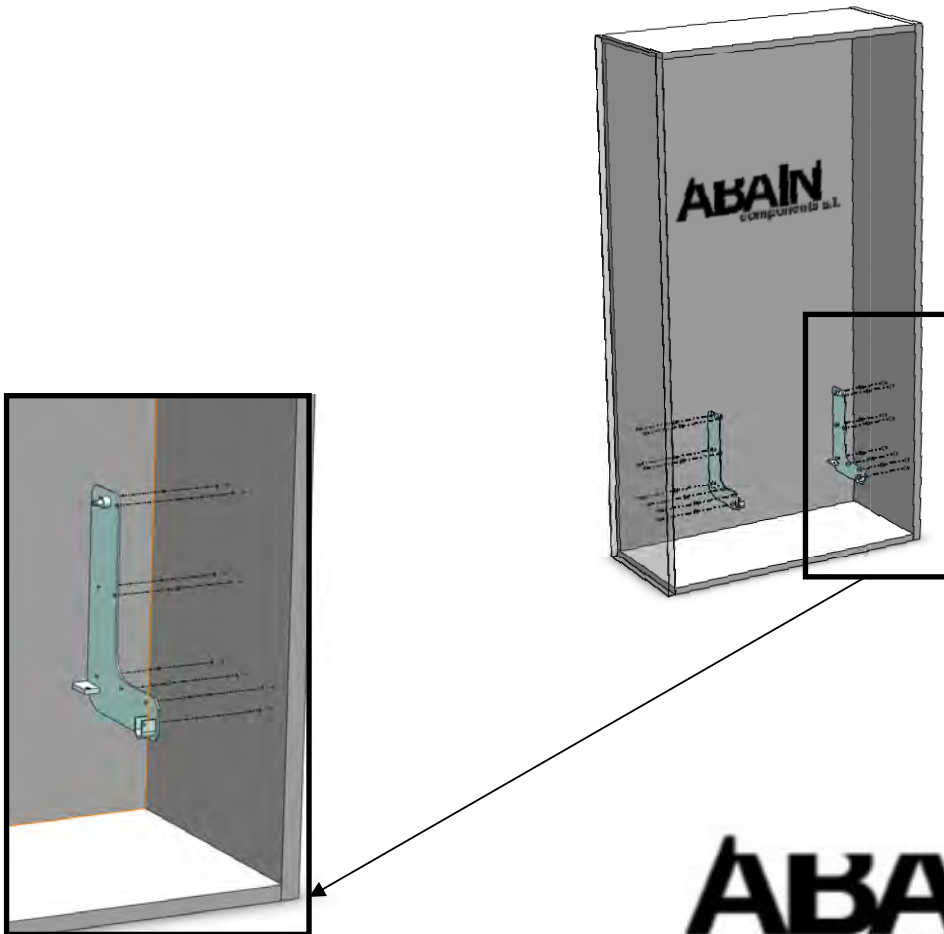
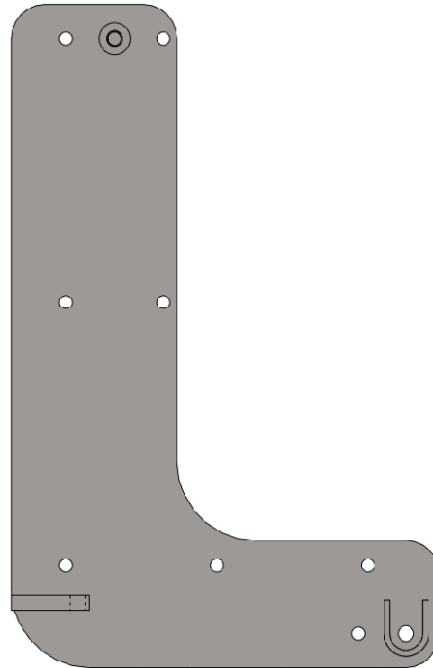
LATERAL PLATES FOR VERTICAL WALLBED SYSTEM

PAREJA DE PLACAS PARA CAMA ABATIBLE VERTICAL

LEFT PLATE
PLACA IZQUIERDA



RIGHT PLATE
PLACA DERECHA

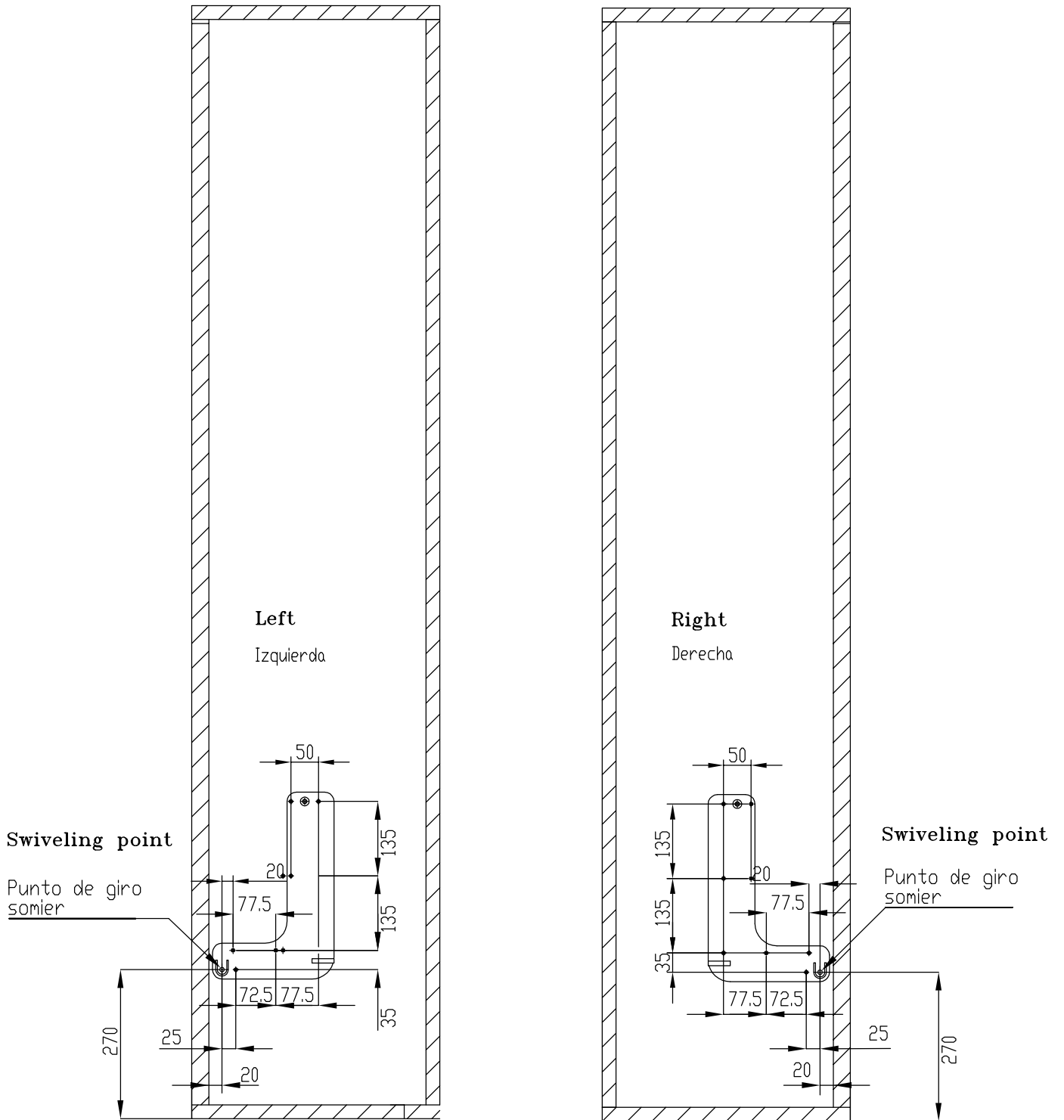


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LATERAL PLATES ASSEMBLY IN THE CABINET

MONTAJE PLACAS EN EL MUEBLE



Drill points on the lateral sides of cabinet

Puntos de taladro en lateral del mueble

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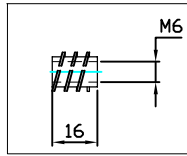
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LATERAL PLATES COMPONENTS SKETCH-LEFT SIDE

SKETCH DE COMPONENTES DE PLACAS LATERALES-LADO IZQUIERDO

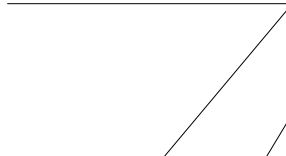
8 Headless nuts embedded M6 lenght 16

8 tuercas sin cabeza M6 longitud 16



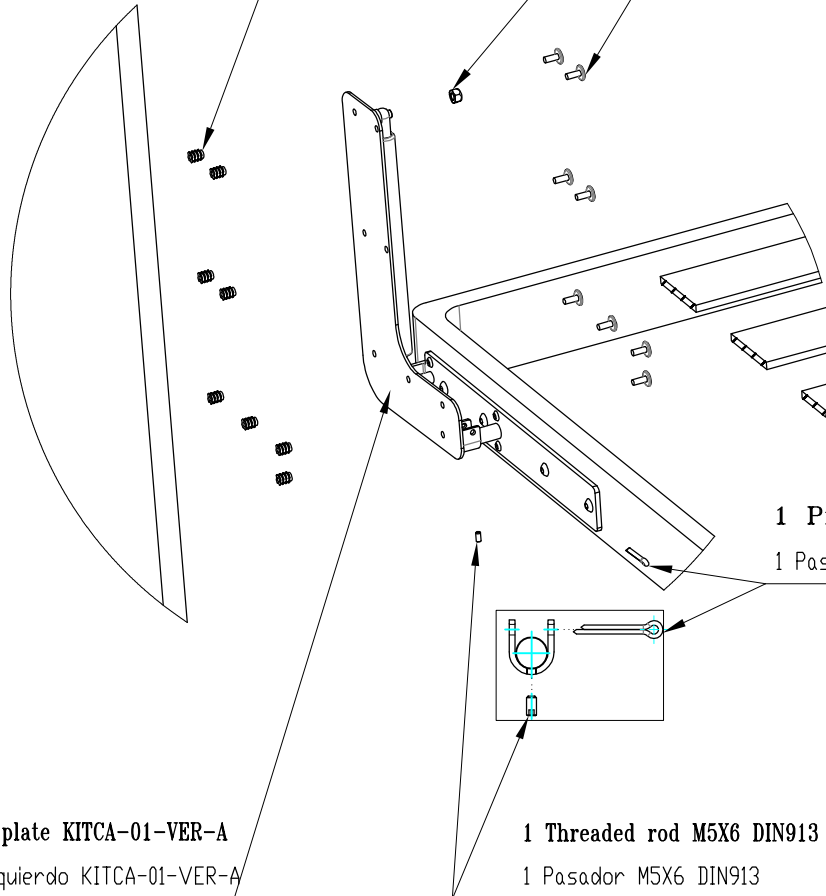
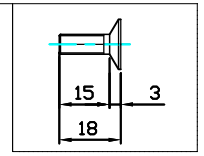
1 Nut M8 DIN 985

1 Tuerca M8 DIN 985



8 Flat head screws M6 DIN 965

8 tornillos de cabeza plana M6 DIN 965

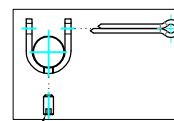


1 Left side plate KITCA-01-VER-A

1 Placa lateral izquierdo KITCA-01-VER-A

1 Pin Ø4x32 DIN 94

1 Pasador de aletas Ø4x32 DIN 94



1 Threaded rod M5X6 DIN913

1 Pasador M5X6 DIN913

LEFT SIDE /

8 Flat head screws M6 DIN965 / 8 Tornillos de cabeza plana M6 DIN965

8 Headless nuts embedded M6 lenght 16 / 8 Tuercas sin cabeza embutida M6 longitud 16

1 Pin Ø4x32 DIN94 / 1 Pasador de aletas Ø4x32 DIN 94

1 Threaded rod M5X6 DIN913 / 1 Pasador M5x6 DIN 913

1 Nut M8 DIN 985 / 1 Tuerca M8 DIN 985

Supplied by Abain

Suministrados por Abain

Lateral plates: KITCA-01-VER-A

Placa lateral: KITCA-01-VER-A

ABAIN
components s.l.

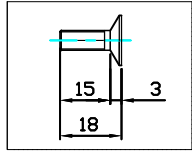
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LATERAL PLATES COMPONENTS SKETCH-RIGHT SIDE

SKETCH DE COMPONENTES DE PLACAS LATERALES-LADO DERECHO

8 Flat head screws M6 DIN 965

8 tornillos de cabeza plana M6 DIN 965

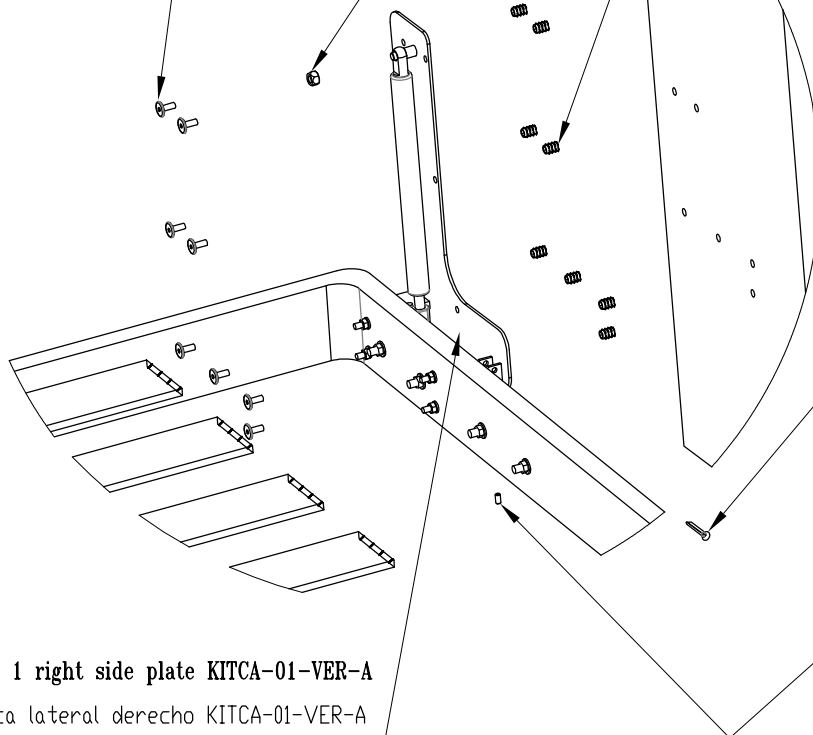
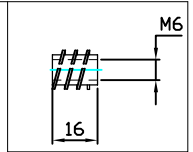


1 Nut M8 DIN 985

1 Tuerca M8 DIN 985

8 Headless nuts embedded M6 length 16

8 tuercas sin cabeza M6 longitud 16



1 Pin Ø4x32 DIN 94

1 Pasador de aletas Ø4x32 DIN 94

1 Threaded rod M5X6 DIN913

1 Pasador M5X6 DIN913

1 right side plate KITCA-01-VER-A

1 Placa lateral derecho KITCA-01-VER-A

RIGHT SIDE / LADO DERECHO

8 Flat head screws M6 DIN965 / 8 Tornillos de cabeza plana M6 DIN965

8 Headless nuts embedded M6 length 16 / 8 Tuercas sin cabeza embutida M6 longitud 16

1 Pin Ø4x32 DIN94 / 1 Pasador de aletas Ø4x32 DIN 94

1 Threaded rod M5X6 DIN913 / 1 Pasador M5x6 DIN 913

1 Nut M8 DIN 985 / 1 Tuerca M8 DIN 985

Supplied by Abain

Suministrados por Abain

Lateral plates: KITCA-01-VER-A

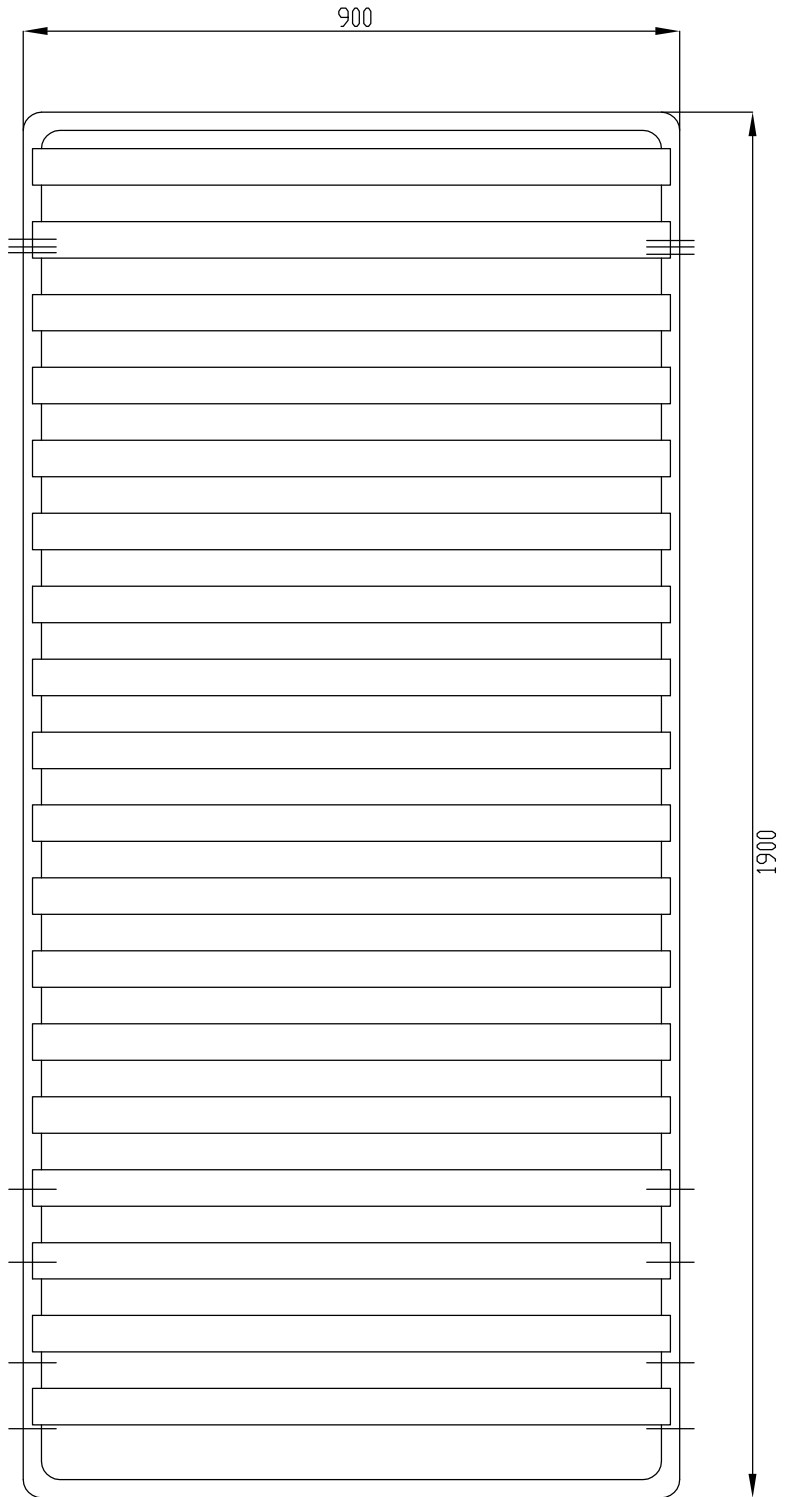
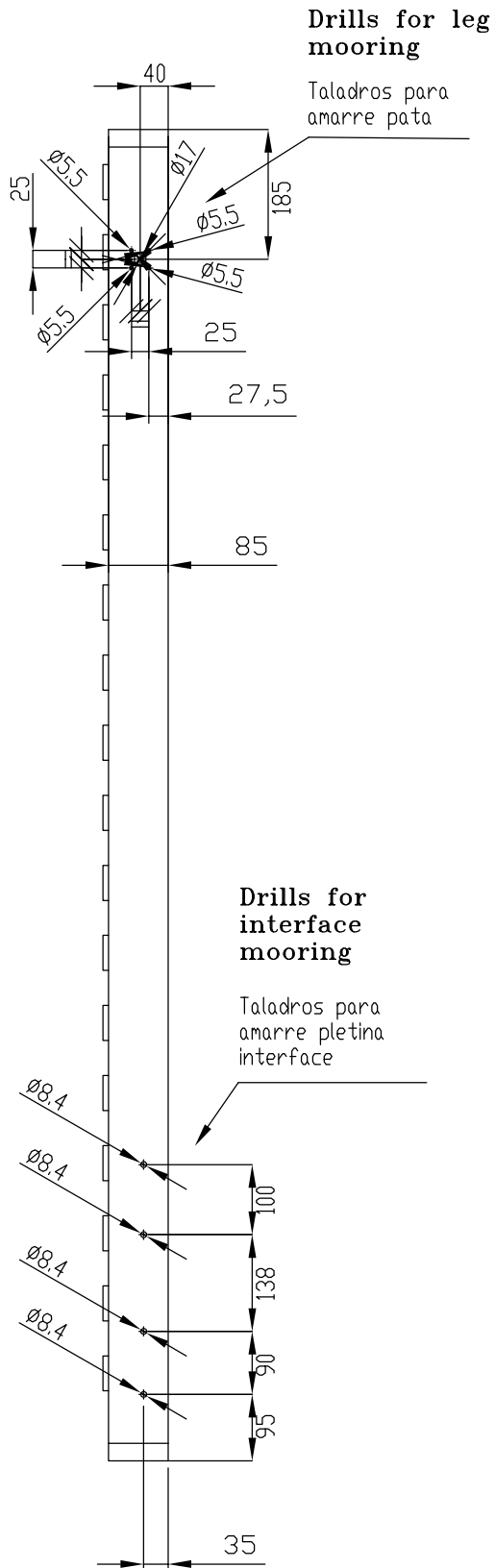
Placa lateral: KITCA-01-VER-A

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BED FRAME DRILLS

TALADRADO SOMIER

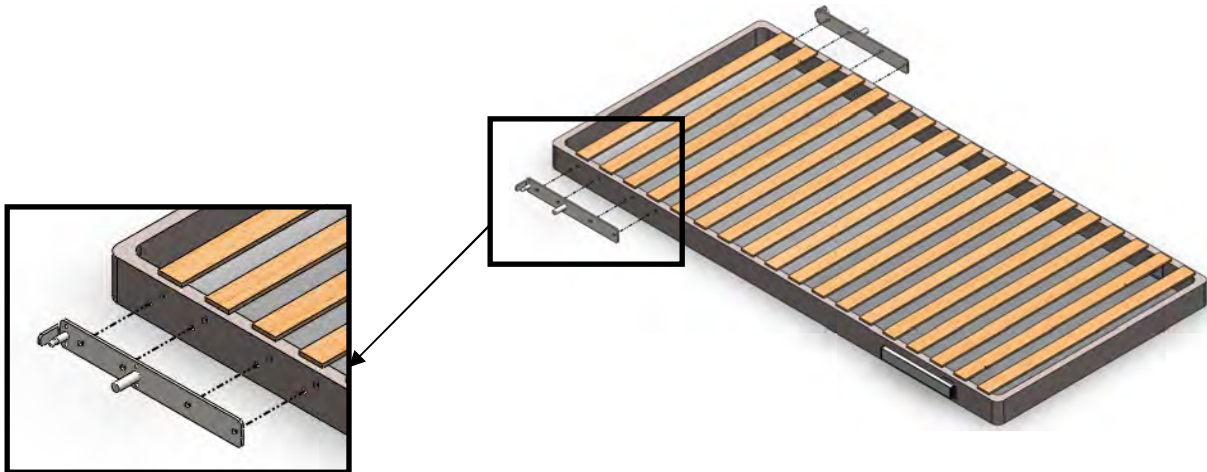
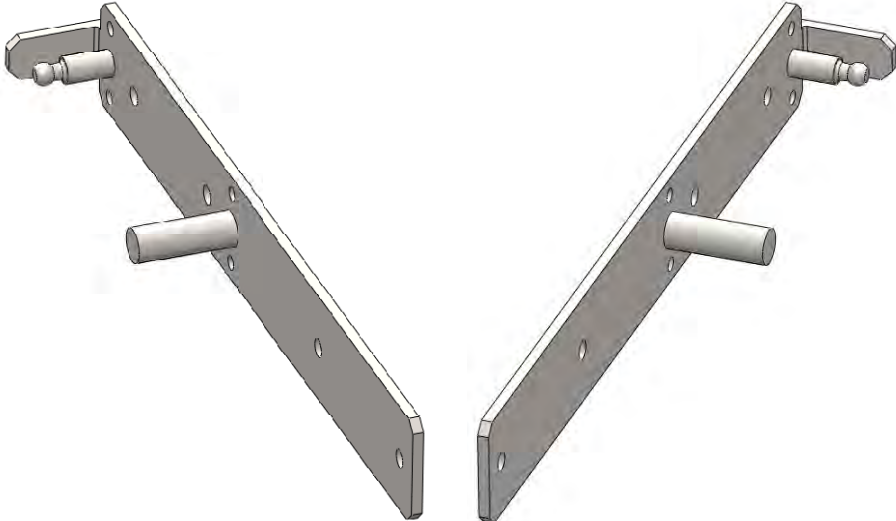


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INTERFACE PLATE FOR VERTICAL WALLBED SYSTEM

PLETINA INTERFACE PARA CAMA ABATIBLE VERTICAL

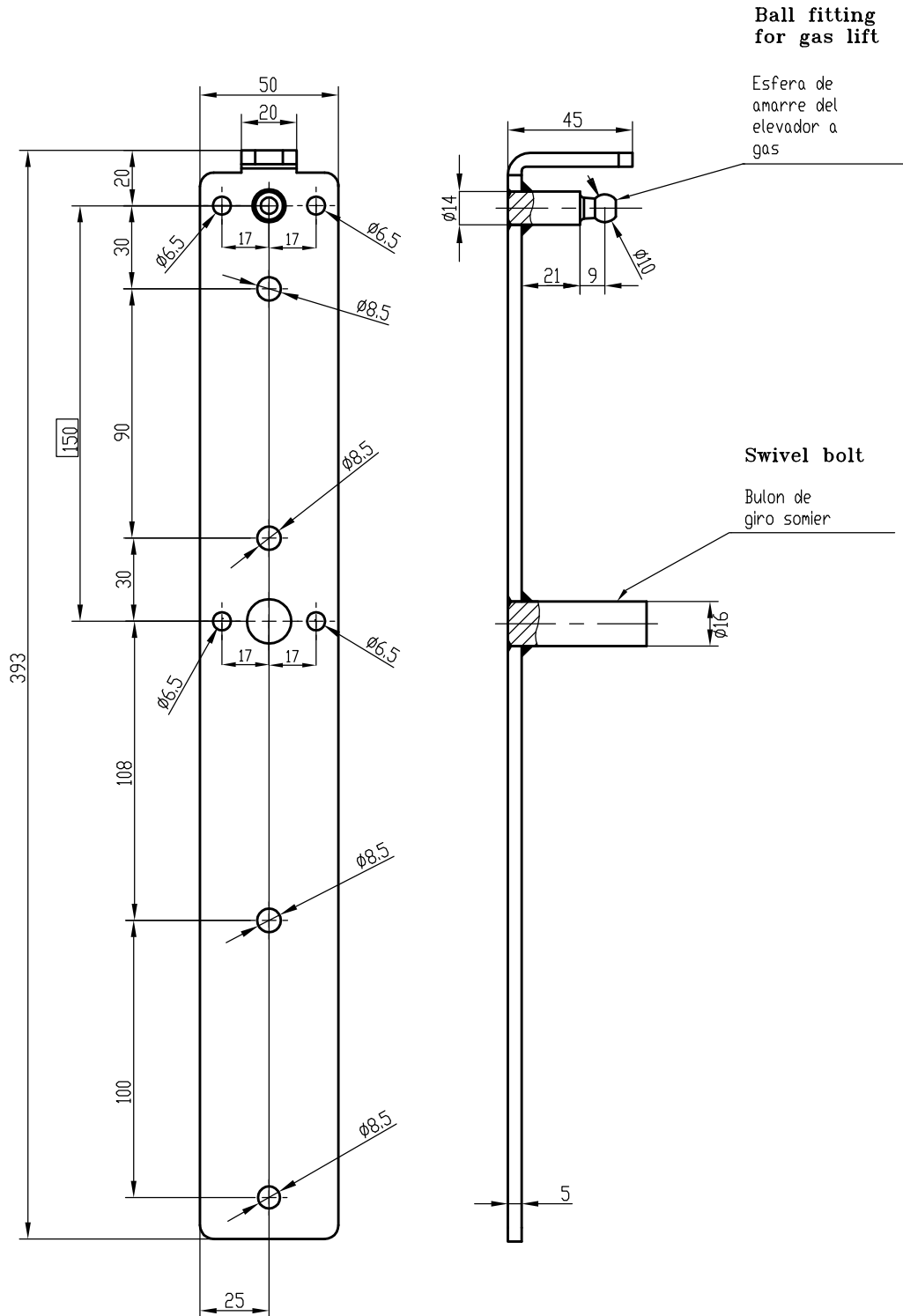


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INTERFACE PLATE

PLETINA INTERFACE



ABAIN
components s.l.

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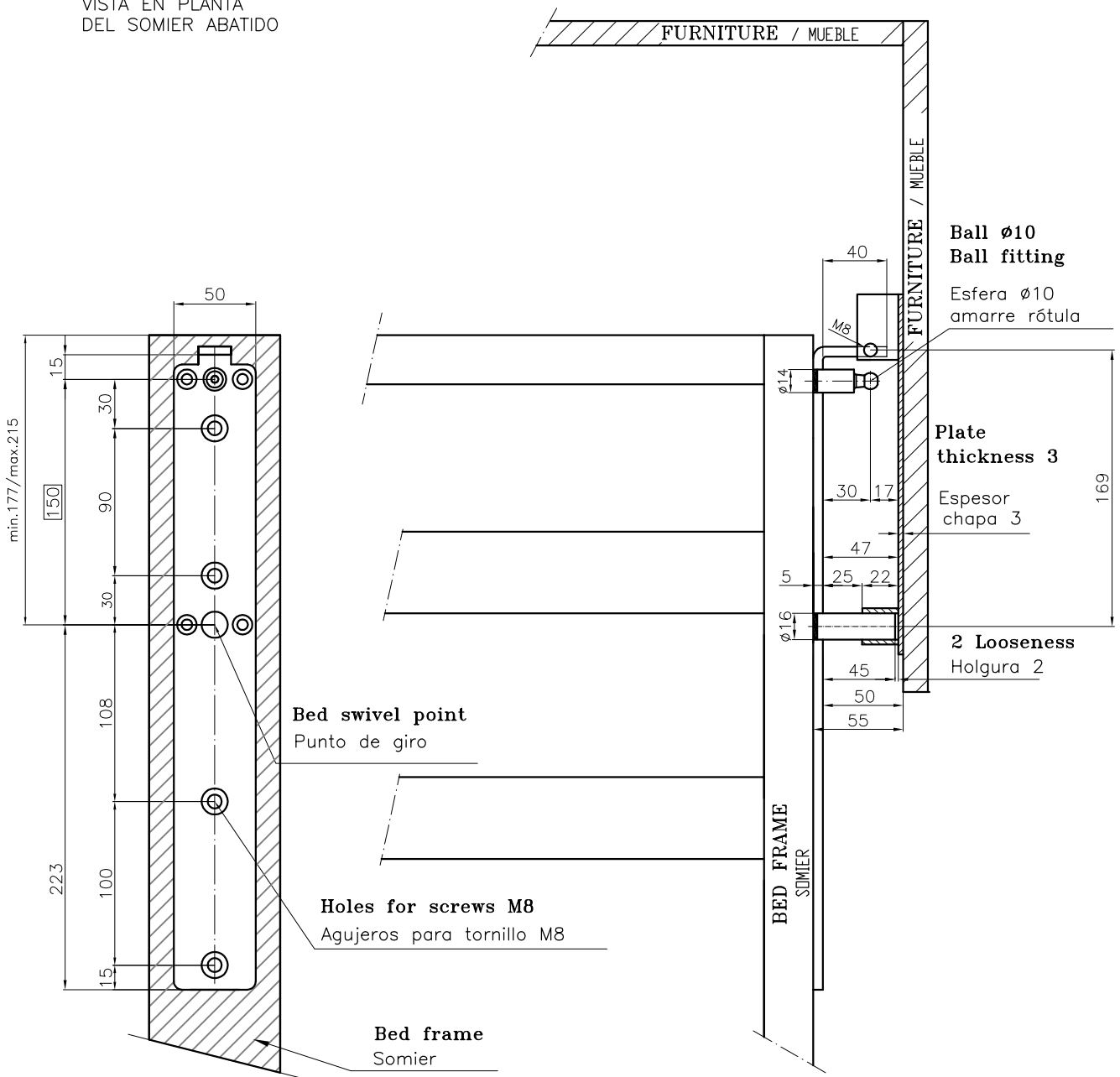
ADAPTATION OF WOOD BED FRAME TO ABAIN VERTICAL FOLDING BED SYSTEM

ADAPTACION DE SOMIER DE MADERA A SISTEMA CAMA ABATIBLE VERTICAL ABAIN

VERTICAL

VIEW IN PLANT
OF THE LOWERED BED FRAME

VISTA EN PLANTA
DEL SOMIER ABATIDO

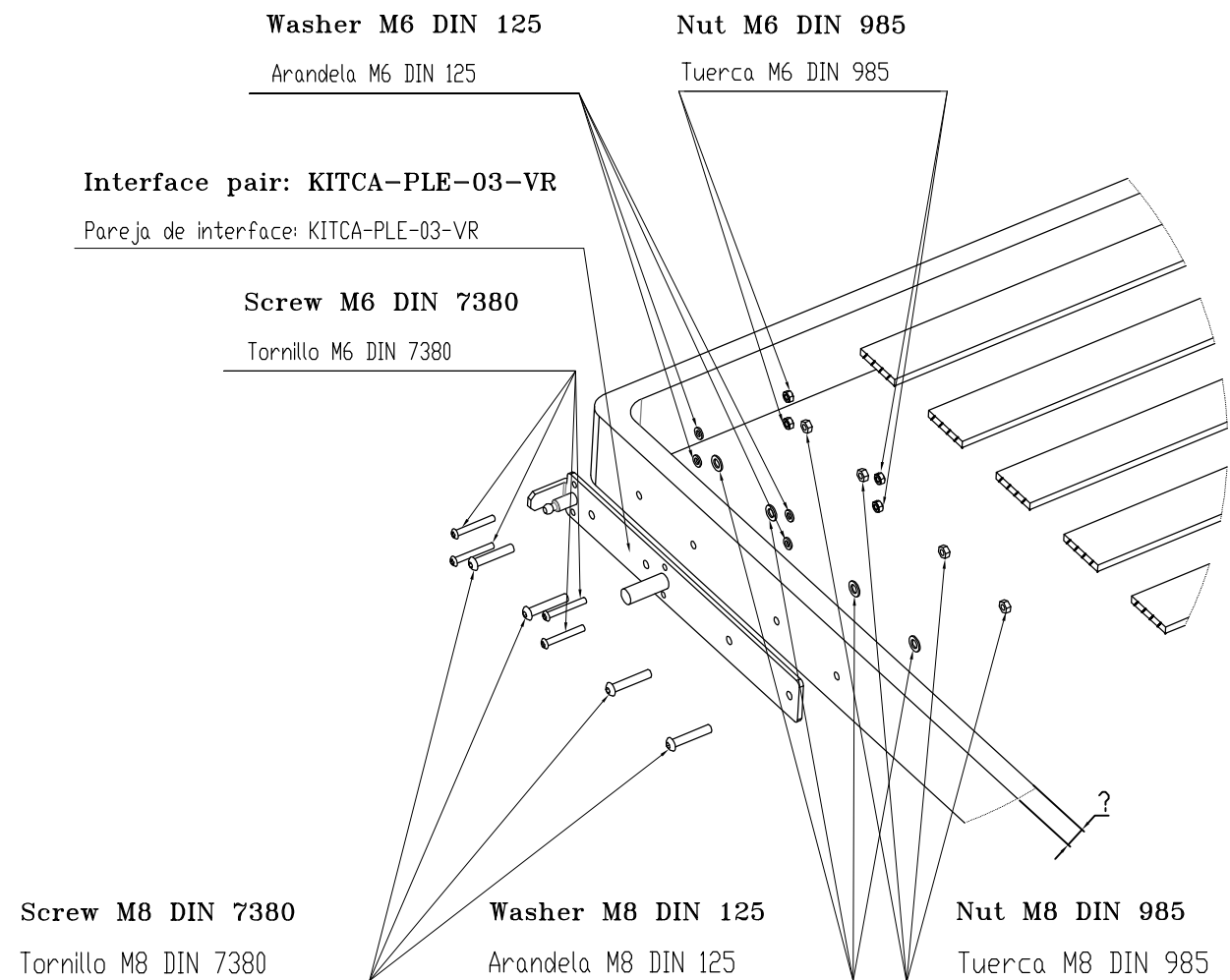


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INTERFACE-COMPONENTS SKETCH-LEFT SIDE

SKETCH DE COMPONENTES DE SOMIER VERTICAL-LADO IZQUIERDO



LEFT SIDE / LADO IZQUIERDO

- 4 Screws M8 DIN 7380 / 4 Tornillos M8 DIN 7380
- 4 Screws M6 DIN 7380 / 4 Tornillos M6 DIN 7380
- 4 Washers M8 DIN 125 / 4 Arandelas M8 DIN 125
- 4 Washers M6 DIN 125 / 4 Arandelas M6 DIN 125
- 4 Nuts M8 DIN 985 / 4 Tuercas M8 DIN 985
- 4 Nuts M6 DIN 985 / 4 Tuercas M6 DIN 985

Interface pair: KITCA-PLE-03-VR

Pareja de interface: KITCA-PLE-03-VR

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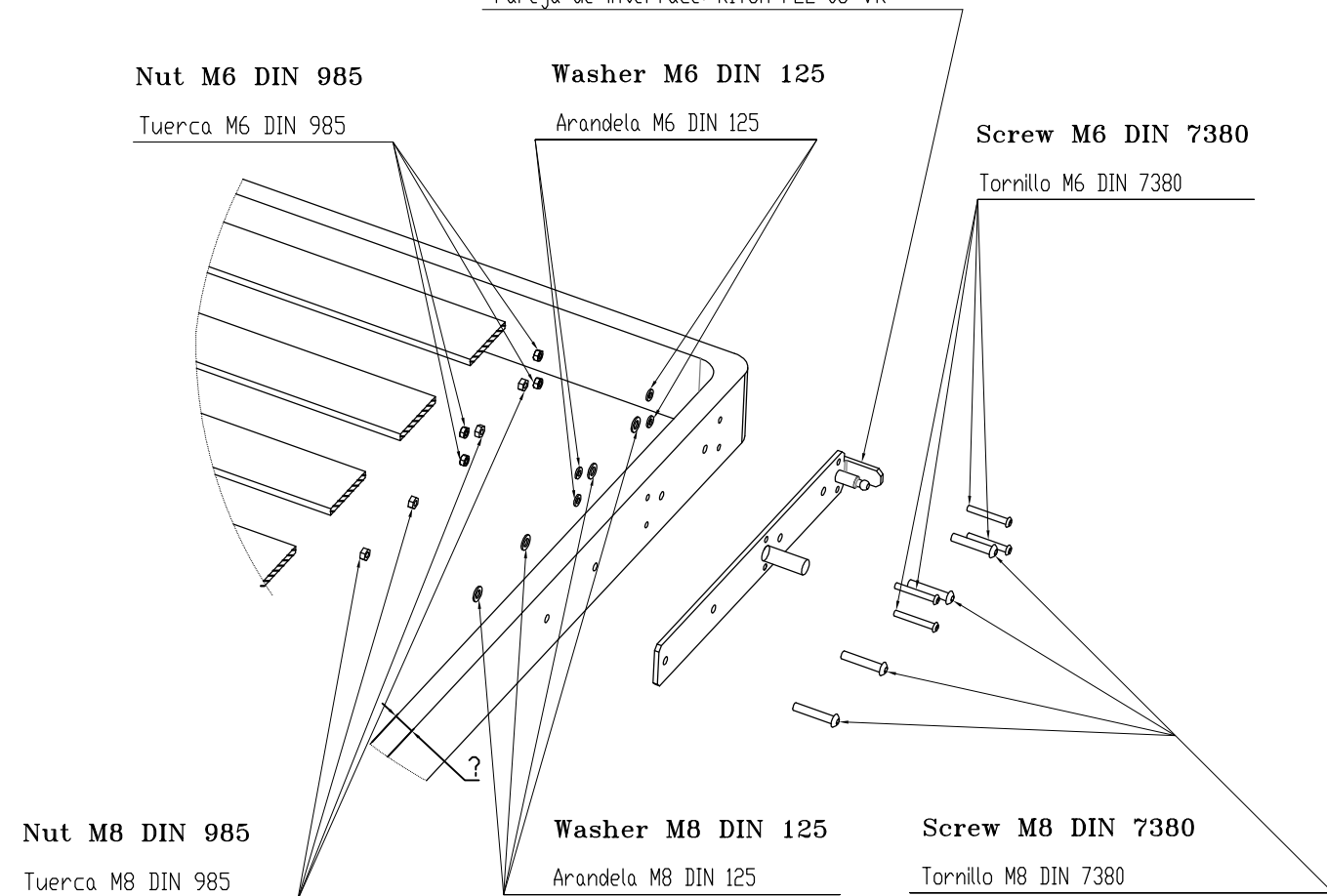
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INTERFACE-COMPONENTS SKETCH-RIGHT SIDE

SKETCH DE COMPONENTES DE SOMIER VERTICAL-LADO DERECHO

Interface pair: KITCA-PLE-03-VR

Pareja de interface: KITCA-PLE-03-VR



RIGHT SIDE / LADO DERECHO

4 Screws M8 DIN 7380 / 4 Tornillos M8 DIN 7380

4 Screws M6 DIN 7380 / 4 Tornillos M6 DIN 7380

4 Washers M8 DIN 125 / 4 Arandelas M8 DIN 125

4 Washers M6 DIN 125 / 4 Arandelas M6 DIN 125

4 Nuts M8 DIN 985 / 4 Tuercas M8 DIN 985

4 Nuts M6 DIN 985 / 4 Tuercas M6 DIN 985

Interface pair: KITCA-PLE-03-VR

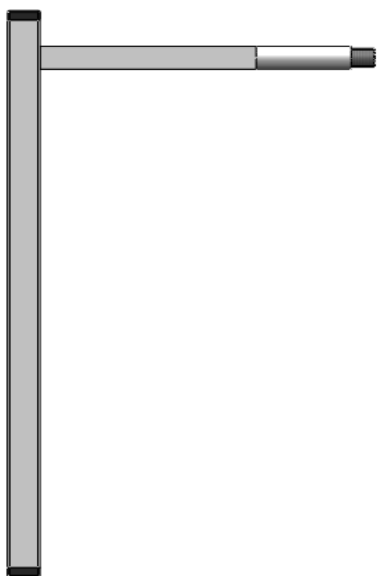
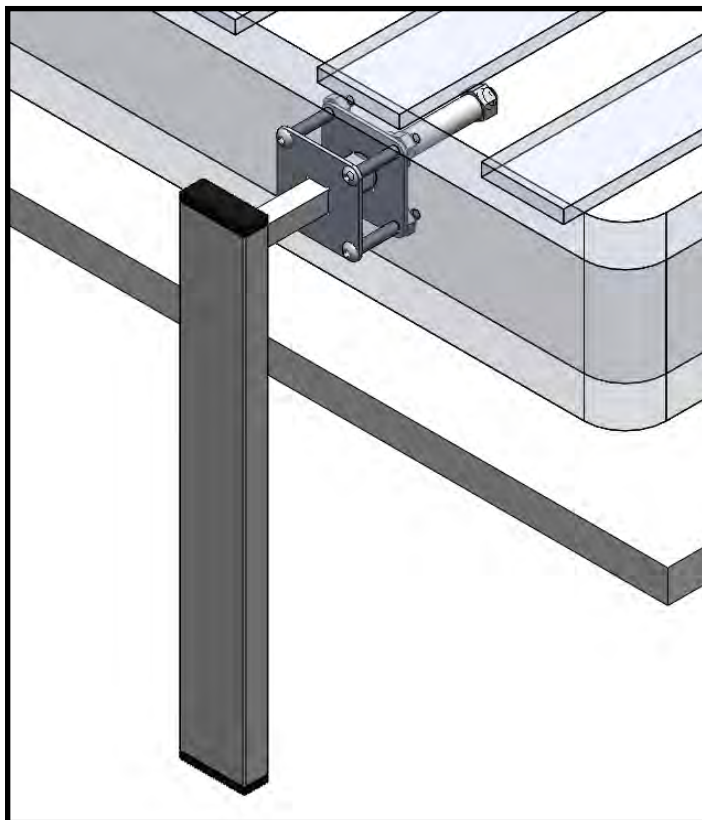
Pareja de interface: KITCA-PLE-03-VR

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LEGS SUPORT TO THE GROUND

PATAS DE APOYO AL SUELO

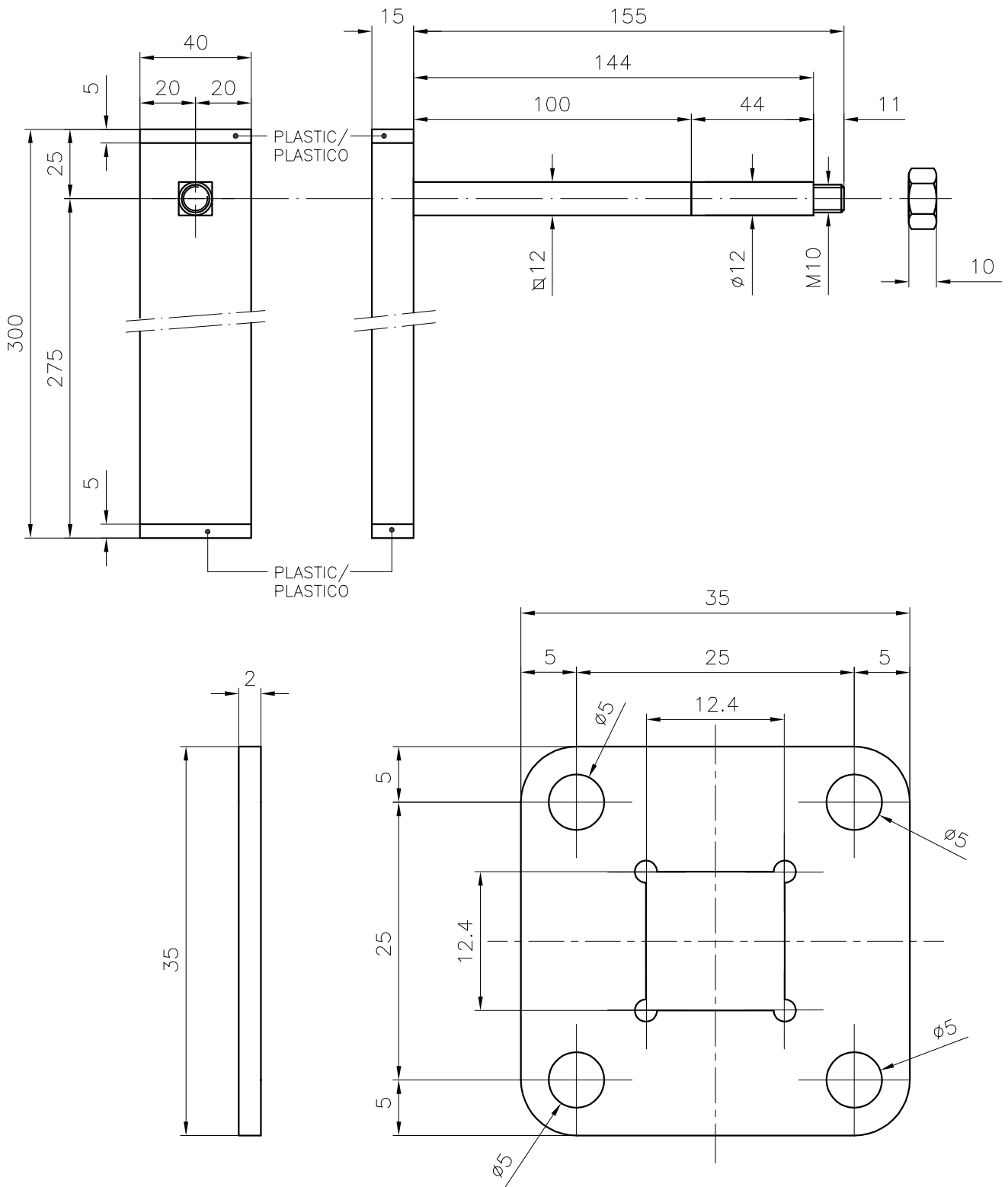


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LOWERING BED LEG

PATA CAMA ABATIBLE

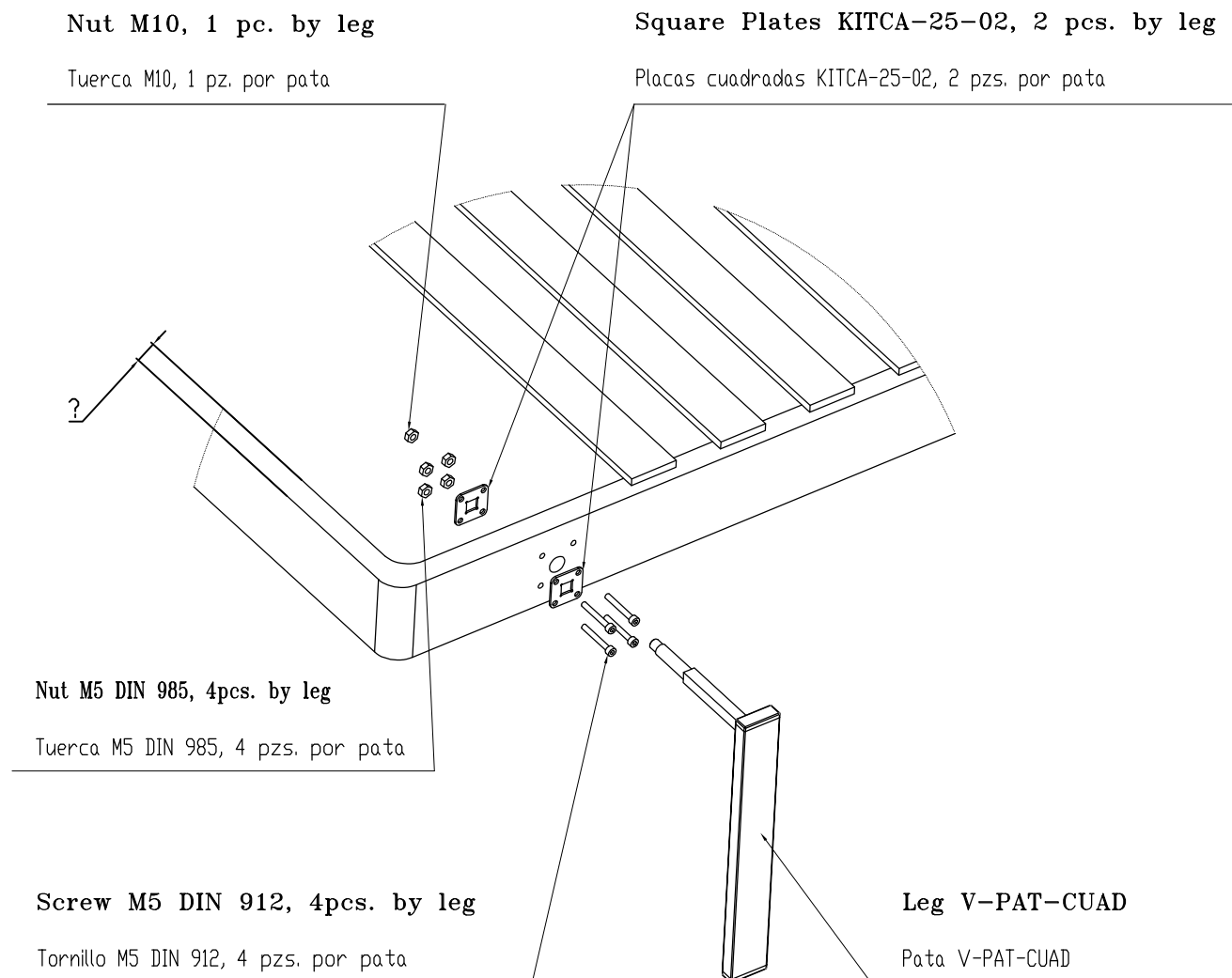


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LEG COMPONENTS SKETCH-LEFT SIDE

SKETCH DE COMPONENTES DE PATAS DE SOMIER VERTICAL-LADO IZQUIERDO



LEFT SIDE / LADO IZQUIERDO

4 Screws M5 DIN 912 / 4 Tornillos M5 DIN 912

4 Nuts M5 DIN 985 / 4 Tuercas M5 DIN 985

1 Nut M10 / 1 Tuerca M10

1 Square Plates set KITCA-25-02 (Contains 4 Square Plates for two legs)

1 Set de placas cuadradas KITCA-25-02 (Contiene 4 placas cuadradas para dos patas)

1 Leg set V-PAT-CUAD (Contains two legs)

1 Set de patas V-PAT-CUAD (Contiene 2 patas)

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VERTICAL BED FRAME LEG COMPONENTS SKETCH–RIGHT SIDE

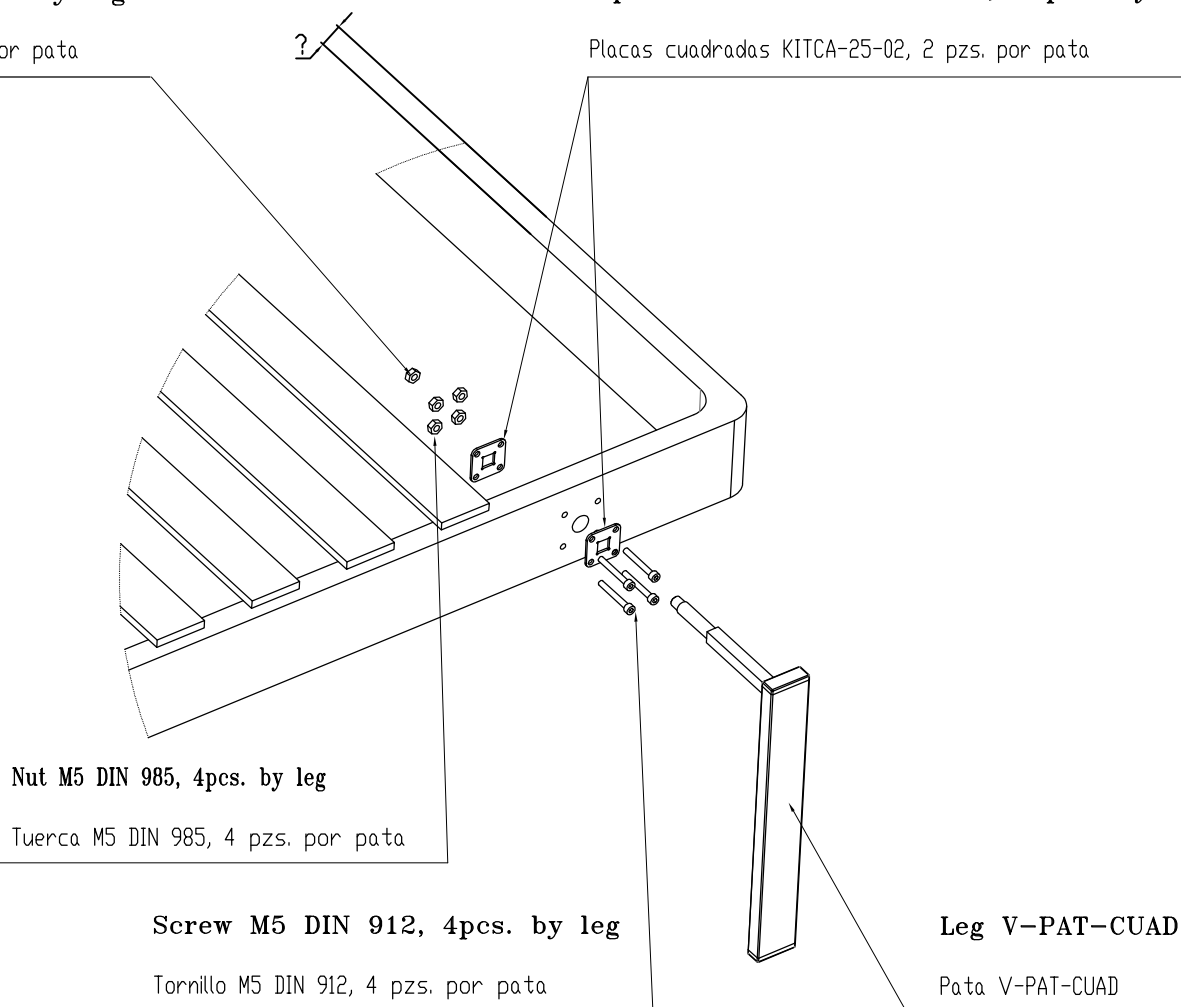
SKETCH DE COMPONENTES DE PATAS DE SOMIER VERTICAL–LADO DERECHO

Nut M10, 1 pc. by leg

Tuerca M10, 1 pz. por pata

Square Plates KITCA–25–02, 2 pcs. by leg

Placas cuadradas KITCA–25–02, 2 pzs. por pata



RIGHT SIDE / LADO DERECHO

4 Screws M5 DIN 912 / 4 Tornillos M5 DIN 912

4 Nuts M5 DIN 985 / 4 Tuercas M5 DIN 985

1 Nut M10 / 1 Tuerca M10

1 Square Plates set KITCA–25–02 (Contains 4 Square Plates for two legs)

1 Set de placas cuadradas KITCA–25–02 (Contiene 4 placas cuadradas para dos patas)

1 Leg set V–PAT–CUAD (Contains two legs)

1 Set de patas V–PAT–CUAD (Contiene 2 patas)

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ASSEMBLY INSTRUCTIONS

INSTRUCCIONES DE MONTAJE

1. With the non-assembled cabinet, the metal plates are mounted inside of the side panels page 5.
The fixing holes for the plates must be made by inserting M6 length 16 metal studs.

The point of origin is the pivot point, 270mm from the floor and 20mm from the inside of the door, according to plan MTJ-CA-01-04-02 page 6.

The M6x15 screws for the plates, must not be prominent so that they do not rub the gas lift. These screws are not supplied in this Kit. M6x15 DIN 965 screws are recommended.

Con el armario desmontado, se realiza el montaje de las placas metálicas en los tableros laterales en la cara interior del armario pag.5.

Se deben hacer los agujeros de sujeción de las placas introduciendo tacos metálicos M6 longitud 16. Siendo el punto de origen el punto de giro de 270mm desde el suelo y 20mm desde el interior de la puerta, según plano MTJ-CA-01-04-02 pag. 6.

Los tornillos M6x15 para atornillar las placas, que sean de cabeza no prominente para que no rocen con el elevador en su movimiento. Estos tornillos no se suministran en este Kit. Se recomiendan tornillos M6x15 DIN 965.

2. The cabinet-bed must be firmly attached to the wall, especially at the top-side of the furniture.

El armazón del armario, debe ser fijado fuertemente a la pared, sobre todo por la parte alta del mueble.

3. Assemble the gas lifts to the bed frame, inserting the black plastic ball fitting from the ends of the gas lift, into the balls that are on both sides of the bed frame.

Colocar los elevadores a gas en el somier, insertando la rótula de plástico negra de los extremos de los elevadores, en las bolas que están en ambos laterales del somier.

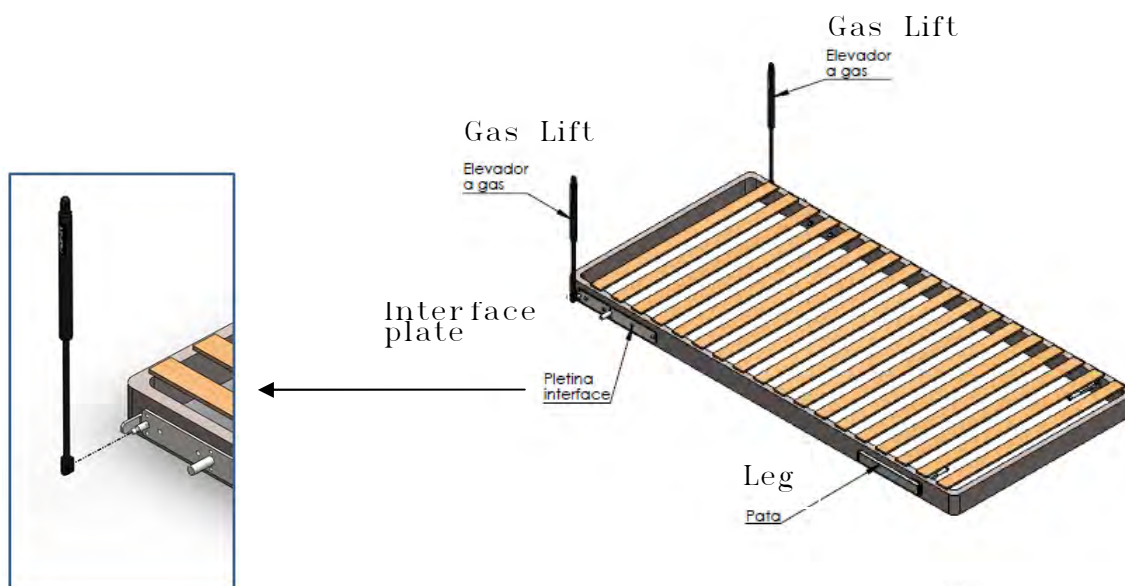


Fig. A

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4. Assemble the bed base into the cabinet, resting the bed bolts on the turning points of the plates, which are the U-shaped supports. Insert the $\varnothing 4 \times 32$ DIN 94 fin pins into the holes of the U-shaped supports. , opening them beforehand to prevent them from getting out, see page 7.

Colocar el somier en el interior del armario, apoyando los bulones del somier en los puntos de giro de las placas, que son los apoyos en forma de U. Introducir los pasadores de aletas $\varnothing 4 \times 32$ DIN 94 en los agujeros de los puntos de giro, abriéndolos previamente para evitar que se salgan, ver pag.7

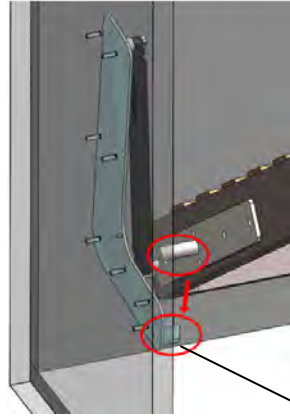


Fig.B

TURNING POINT SUPPORT
PUNTO APOYO GIRO

5. Without assembling the door, close the bed frame even surpassing the cabinet front, to assemble the gas lifts and with the eyelet hole, to the threaded bolt on the plate thread the nuts M8 DIN 985.

Sin montar aún la puerta debemos cerrar el somier, incluso metiéndolo ligeramente dentro del armario, y a través de las lamas acceder para colocar los extremos de los elevadores a gas en los pernos roscados de ambas placas. Roscar las tuercas M8 DIN 985.

GAS LIFT SECURING TO THE LATERAL PLATE IN THE CABINET

SUJECIÓN DEL ELEVADOR A GAS A LA PLACA LATERAL DEL ARMARIO

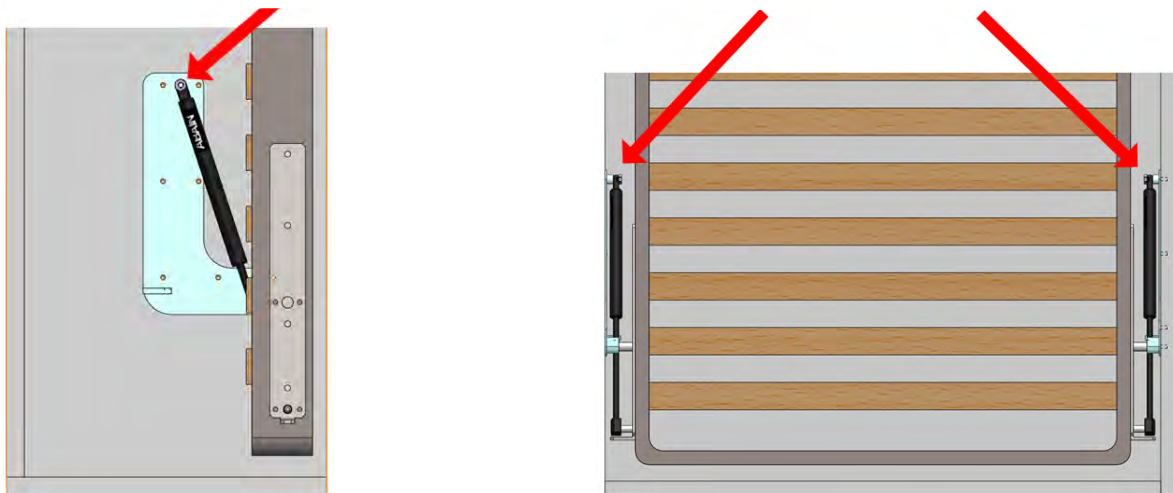


Fig. C

Suggestions and recommendations:
Sugerencias y recomendaciones:

- It is necessary to anchor the cabinet/bed securely and firmly to the wall, especially at the top of the furniture.

Es necesario anclar con seguridad y firmeza el armario a la pared, sobre todo por la parte alta del mueble.

- This system is not valid on plasterboard walls, or materials that are not strong enough.

Este sistema no es válido en paredes de pladur, o de materiales no lo suficientemente resistentes.

- It is preferable that both the furniture and its installation and assembly, be carried out by a professional in the sector, such as carpenters, cabinet makers or furniture assemblers

Es preferible que tanto el armario como su instalación y montaje, sea realizado por algún profesional del sector, como carpinteros, ebanistas o montadores de muebles

- It is preferable for greater resistance to place metal studs in the wood and use M6X15 screws

Es preferible para una mayor resistencia colocar tacos metálicos en la madera y utilizar tornillos M6X15

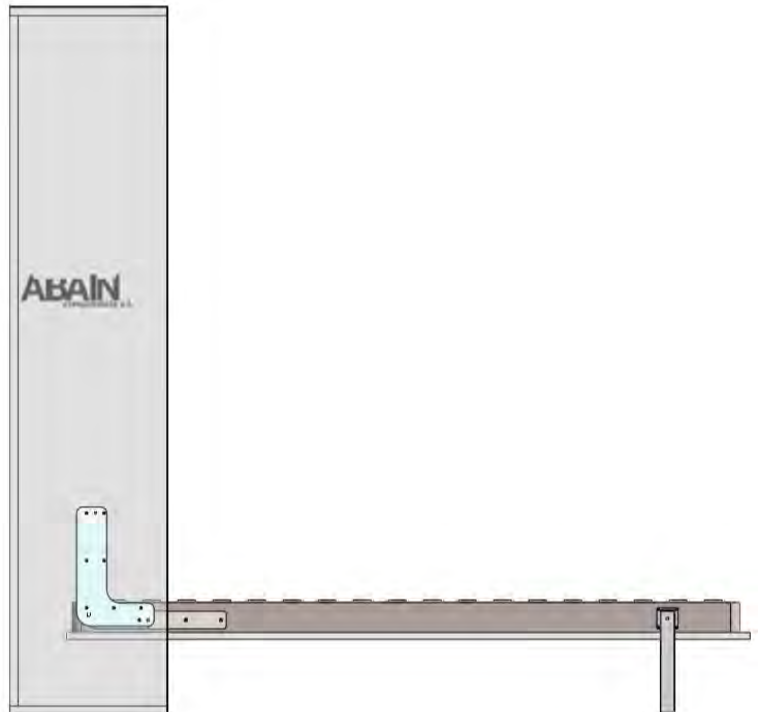
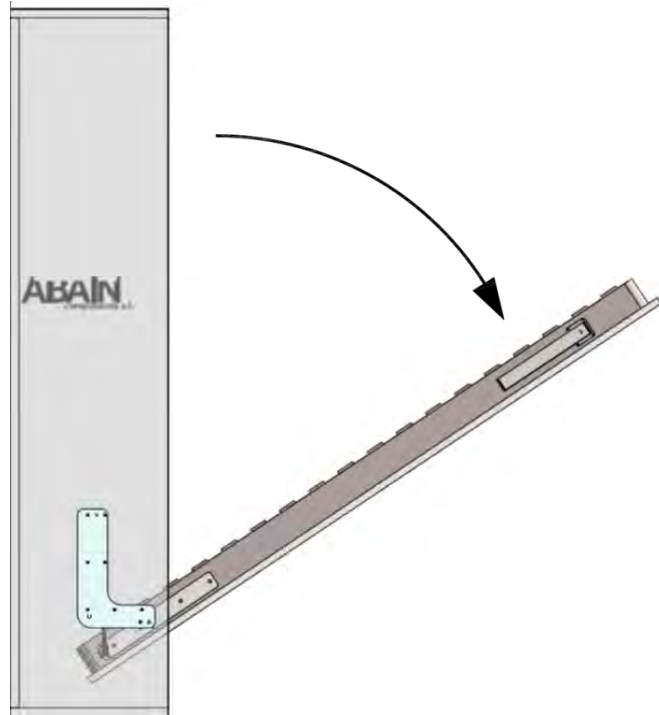
- M6X15 screws to screw the plates, which are flat head not prominent for that do not rub with the elevator in its movement.

Los tornillos M6X15 para atornillar las placas, que sean de cabeza plana no prominente para que no rocen con el elevador en su movimiento.

- The bed must rest on the floor. (Legs are needed)
La cama debe apoyar en el suelo. (Necesario patas)

Lowering retention and totally controled

Bajada retenida y totalmente controlada



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