



# ALUMINIUM STRUCTURES 20X20

TECHNICAL MANUAL

*MANUEL TECHNIQUE*

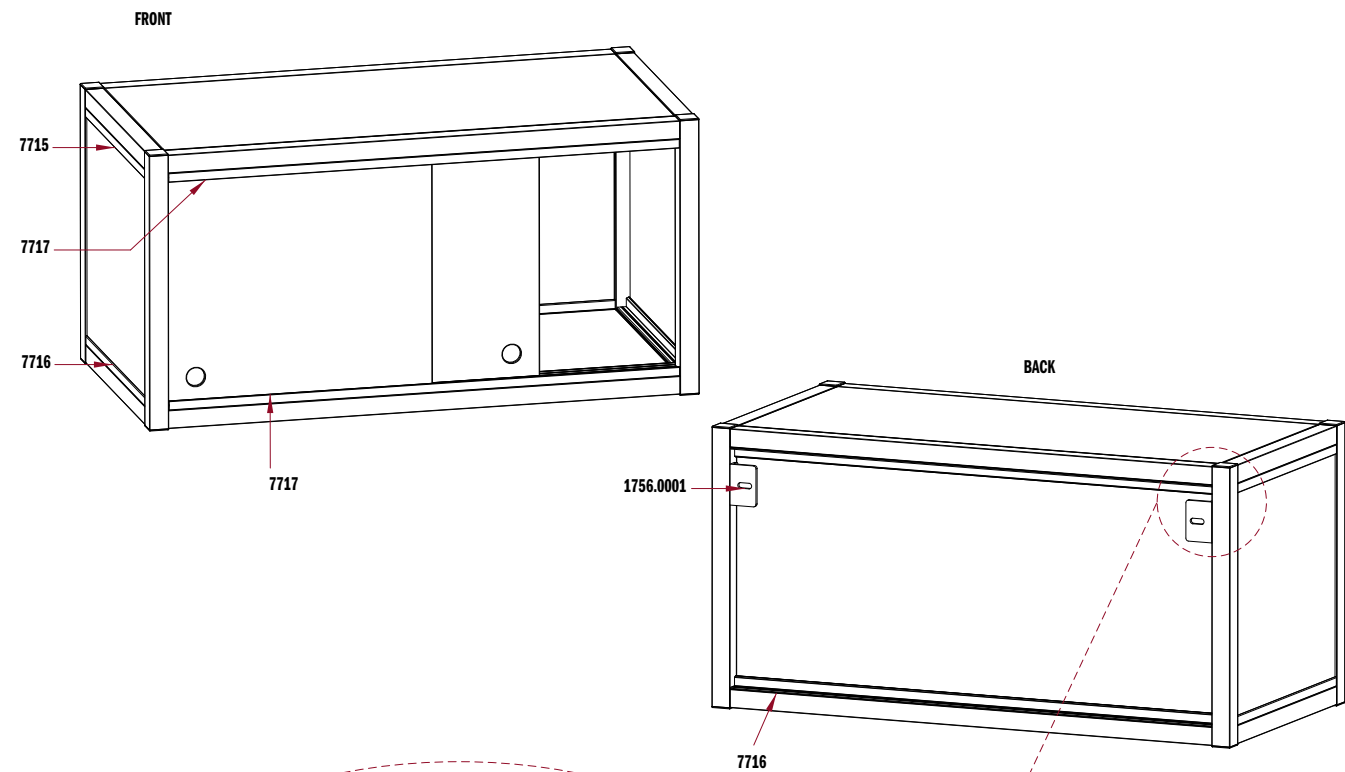
MANUAL TÉCNICO

REV. 2022/07/01

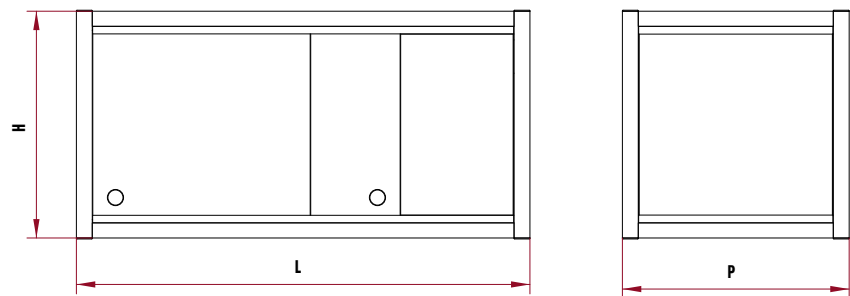
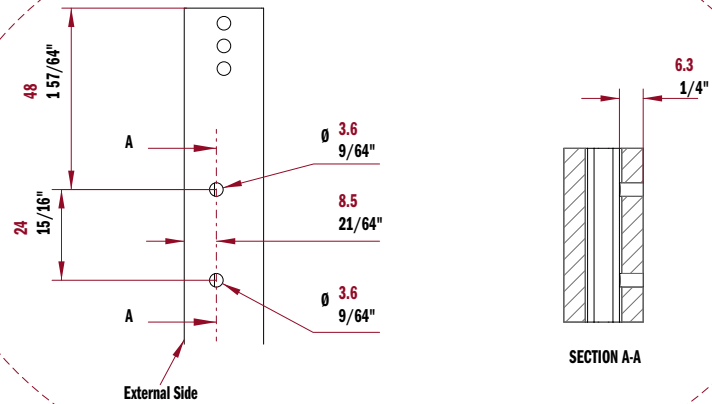
**ALUMINIUM  
STRUCTURES  
20X20**







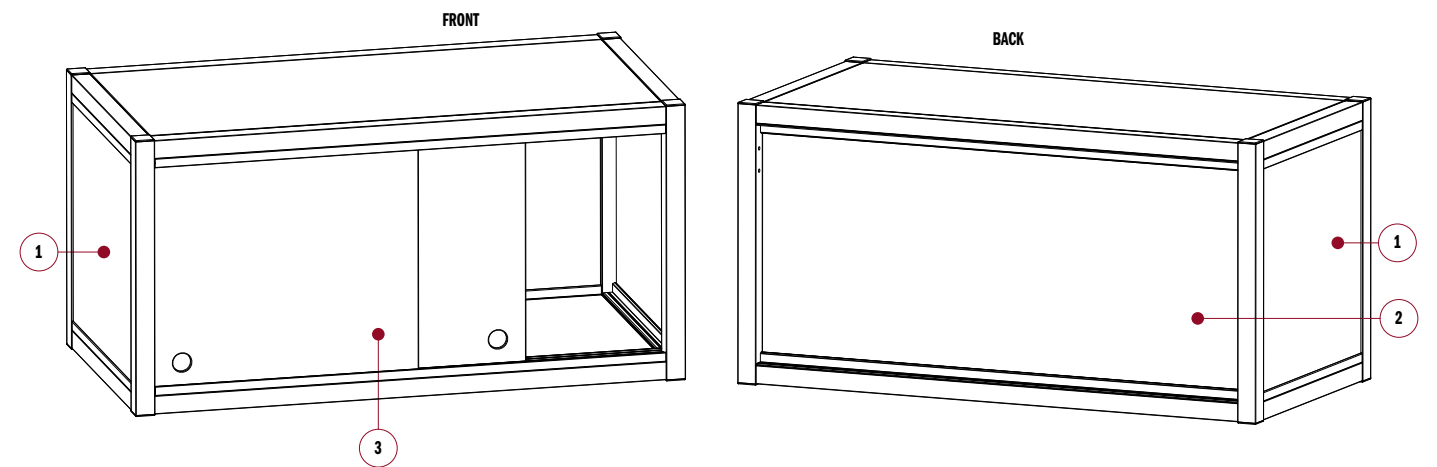
MACHINING FOR BRACKET 1756



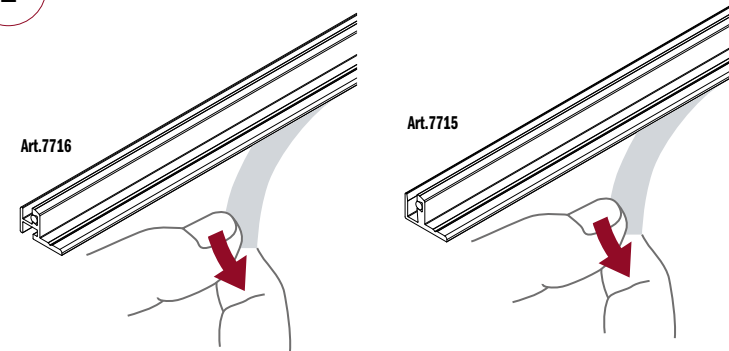
CALCULATION FOR 4mm THICK GLASS  
OR 4mm THICK PANELS

BACK - Hc = H-52.5mm Lc = L-43mm  
 SIDES - Hc = H-52.5mm Pc = P-43mm  
 FRONT - Hc = H-48mm Lc = (L-22mm)/2mm

ASSEMBLY OF SIDE AND BACK CLOSURE PROFILES AND SLIDING PROFILES

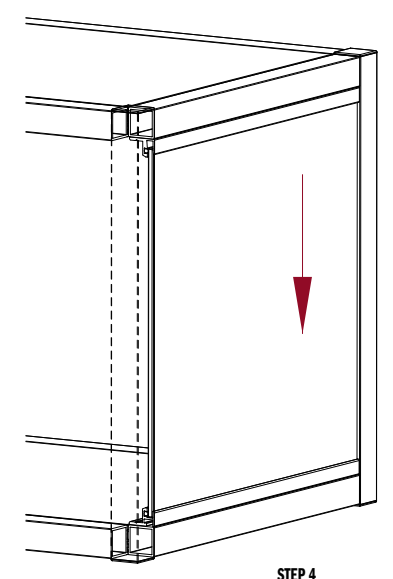
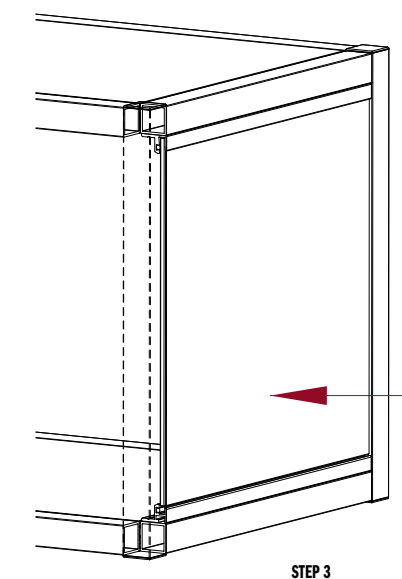
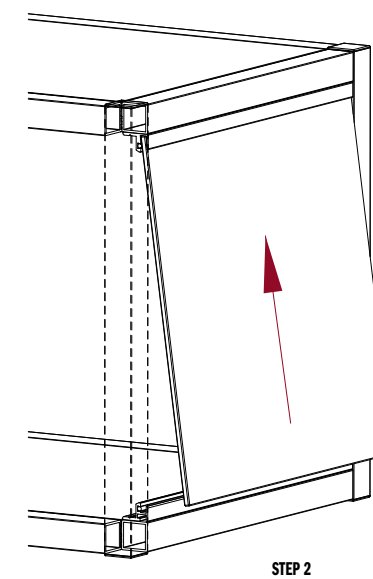
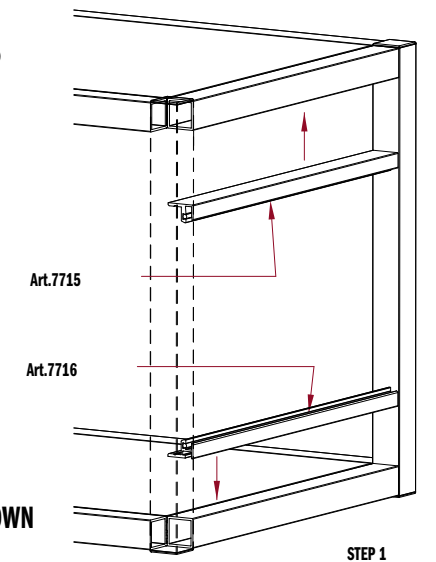


1 SIDE GLASS/PANNEL ASSEMBLY



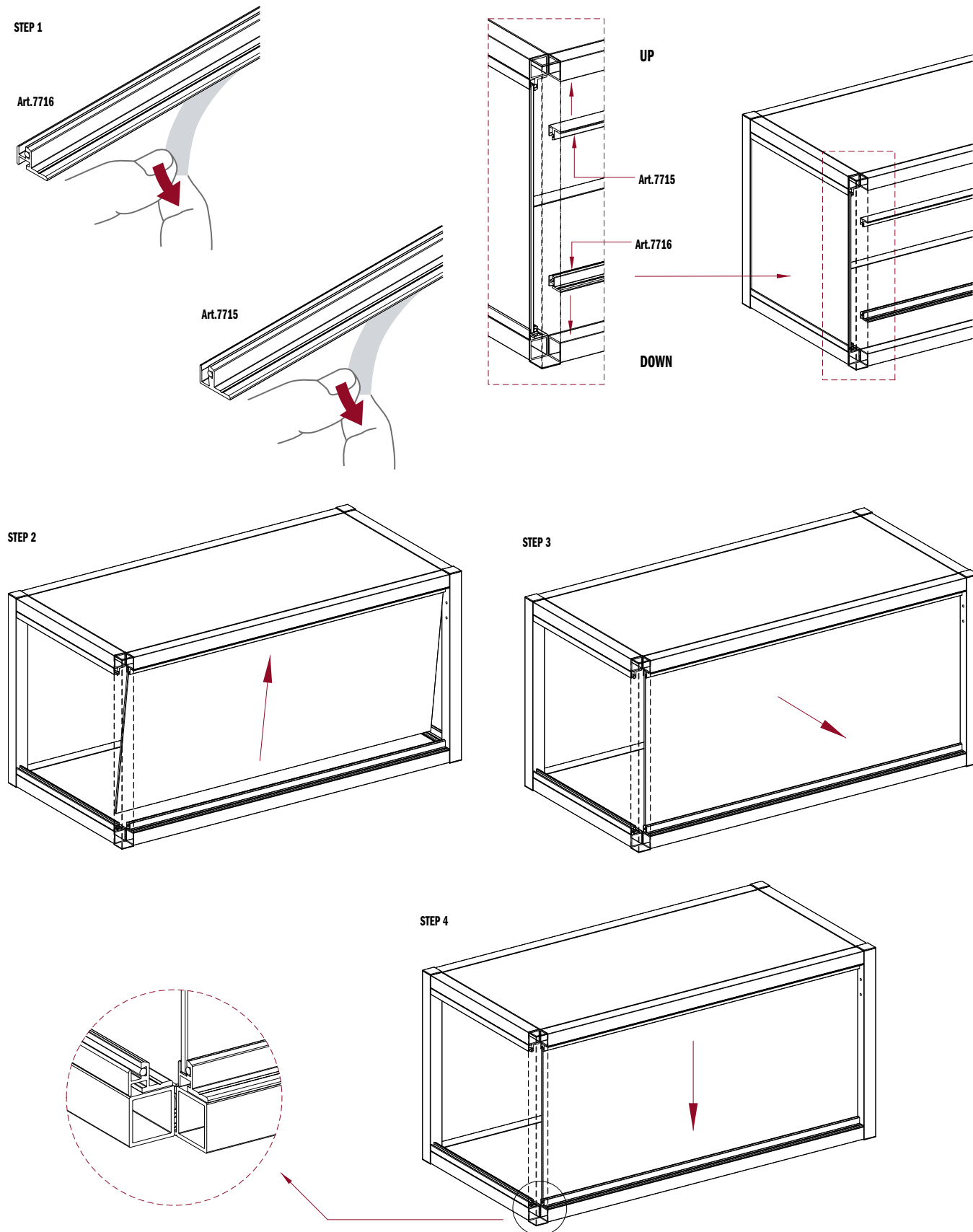
UP

DOWN



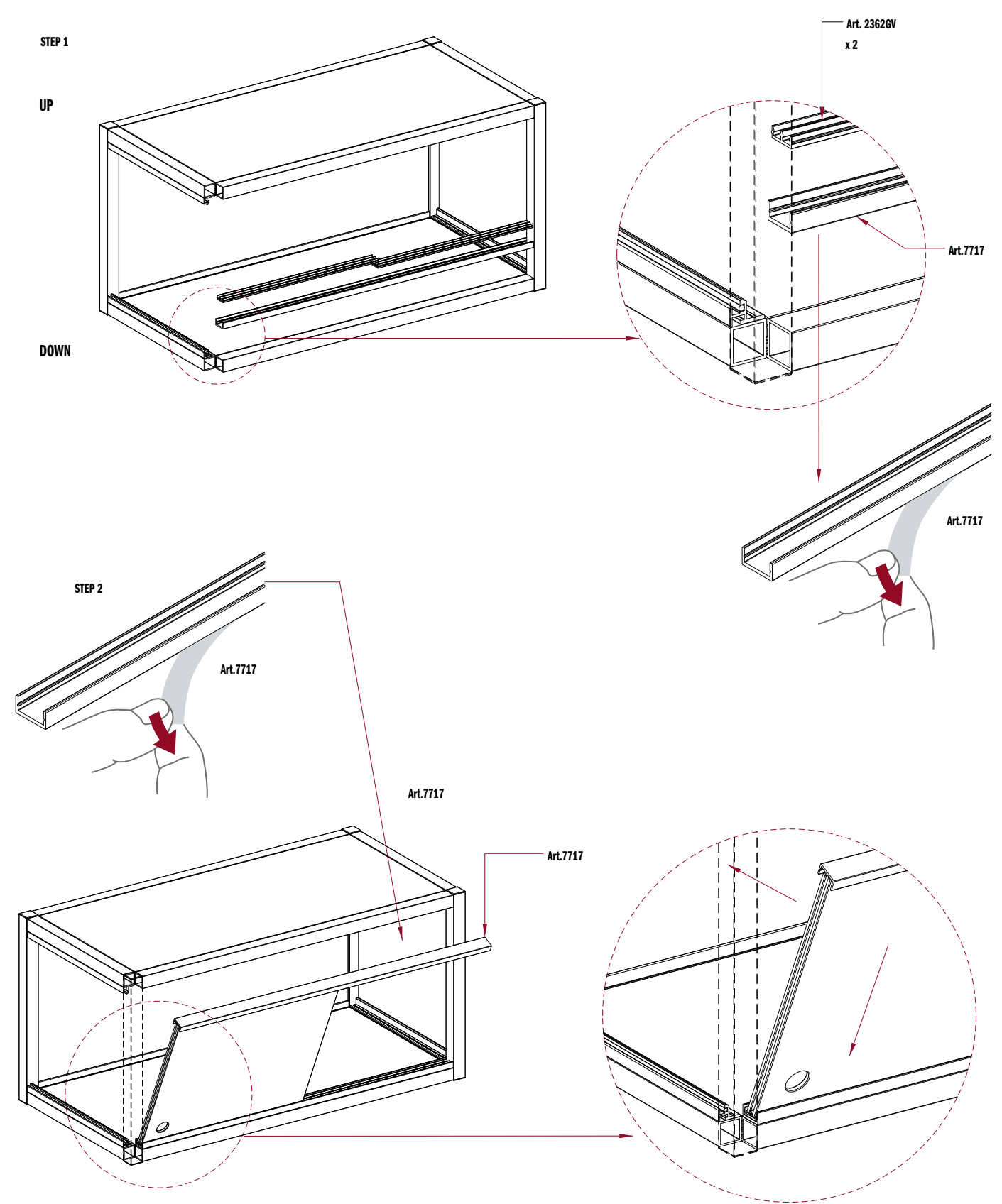
2

BACK GLASS/PANNEL ASSEMBLY

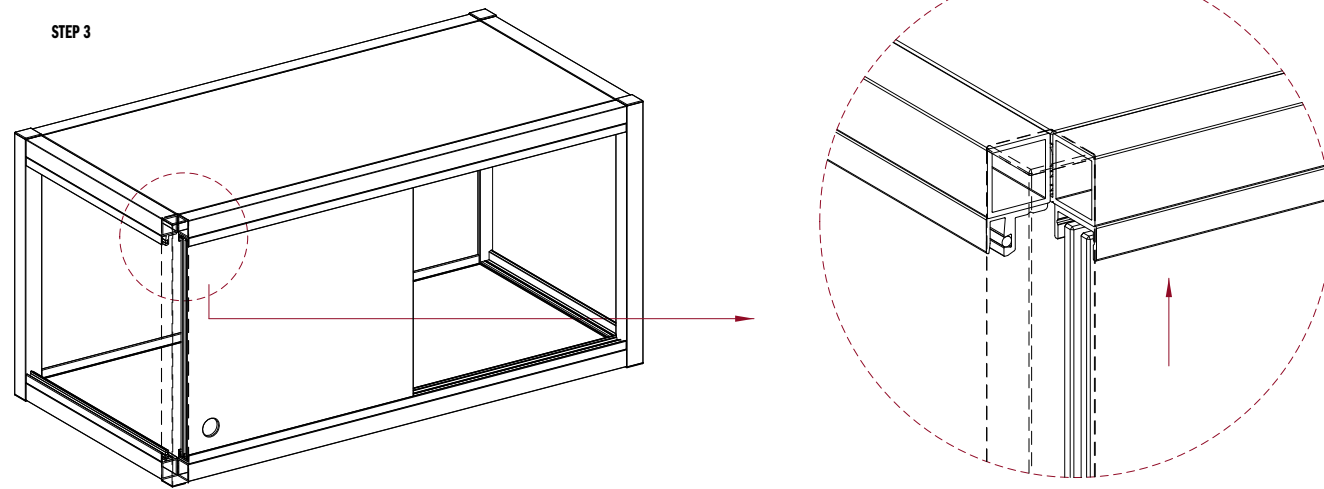


3

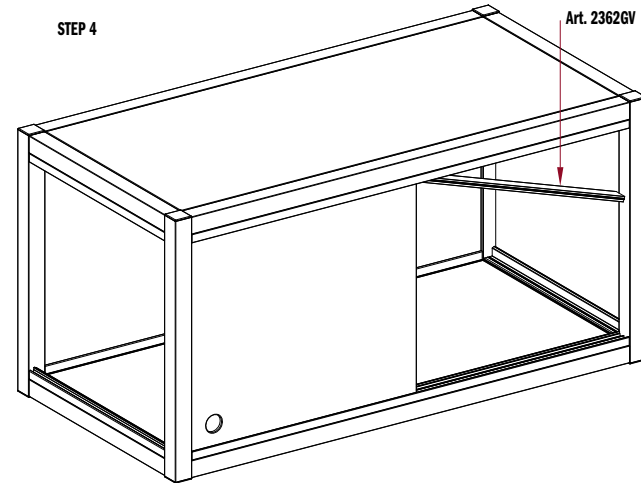
FRONT SLIDING GLASS/PANNEL ASSEMBLY



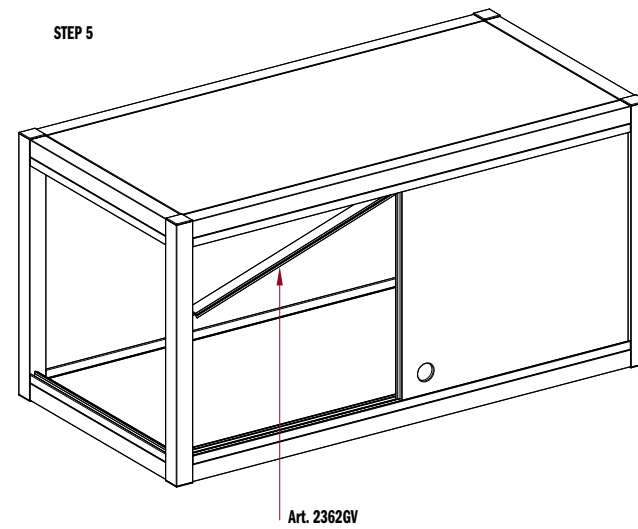
STEP 3



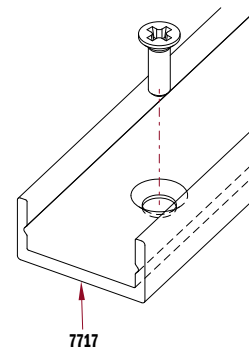
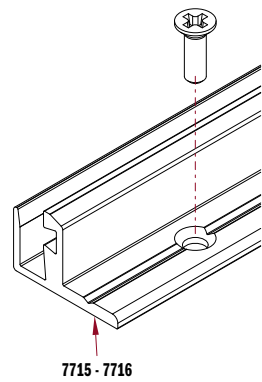
STEP 4

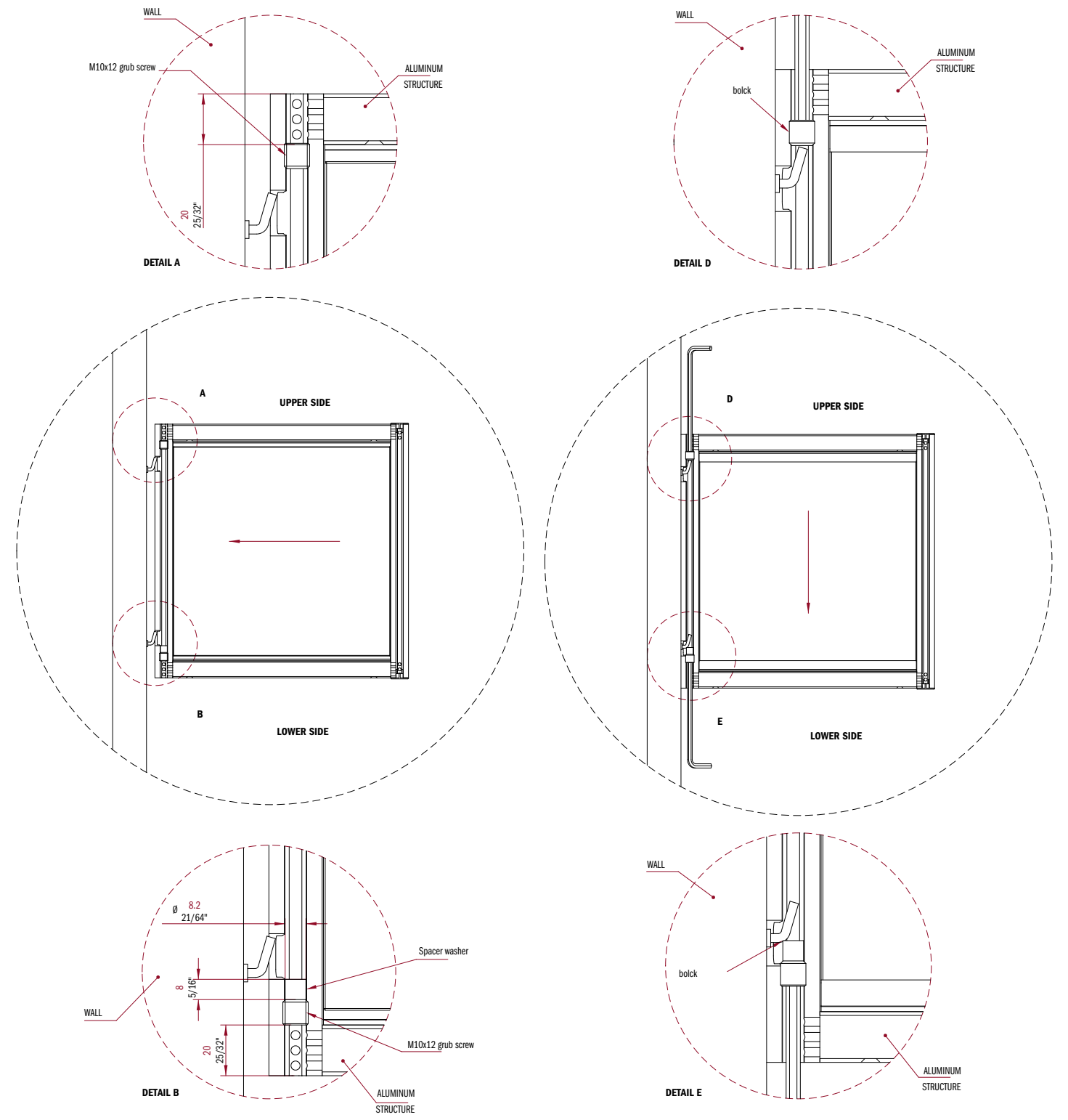
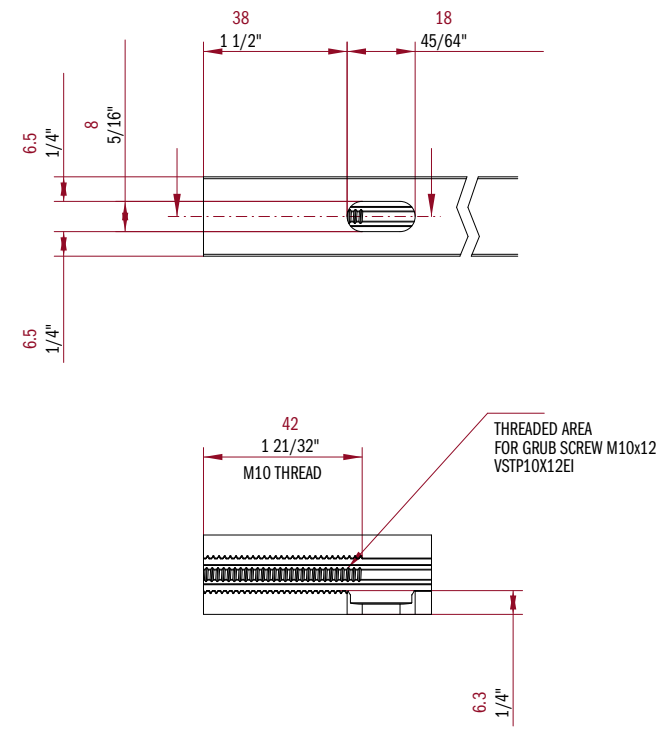
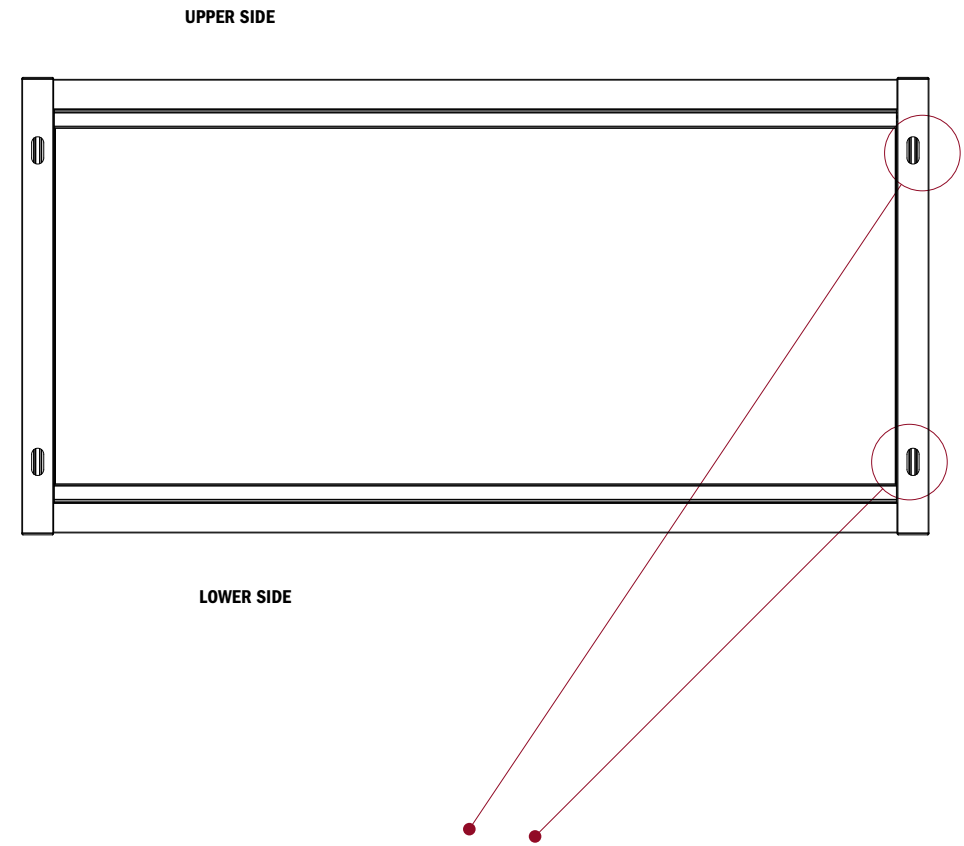


STEP 5

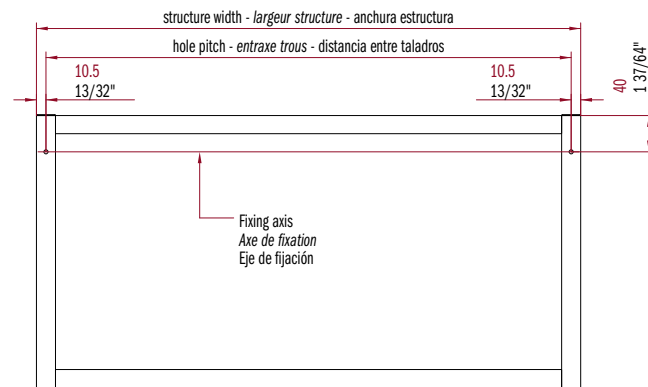


To better lock the profiles 7715; 7716; 7717 to the structure, screws can be used.









Drill through holes, diameter 4.5 mm, on the 7711 profile in the position shown on the drawing.

Effectuer des trous de passage diam 4.5 mm sur le profil 7711 dans la position indiquée sur le dessin

Realizar taladros pasantes de ø 4.5 mm en el perfil 7711 en la posición que muestra el dibujo

Choose the type of hole to be drilled TYPE A or TYPE B depending on the fixing screw used.

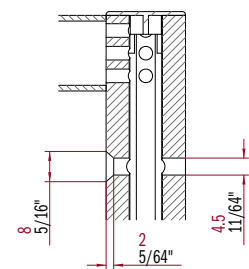
Choisir la typologie de perçage TYPE A ou TYPE B selon la vis de fixation utilisée

Elegir el tipo de taladro TIPO A o TIPO B según el tornillo de fijación utilizado

**TYPE A** - Countersunk hole. Visible screw. No adjustment possible. Secure fixing to the wall.

**TYPE A** - Trou fraisé Vis visibles. Aucun ajustement possible. Fixation solide de la paroi

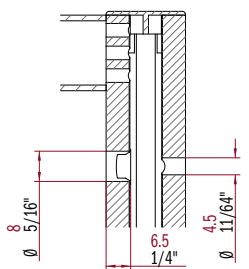
**TIPO A** - Taladro avellanado. Tornillo a vista. No es posible regular. Fijación integrada en la pared



**TYPE B** - Double diameter hole. Invisible screw. Visible hole diameter 8 mm. Total adjustment 1 mm. Secure fixing to the wall.

**TYPE B** - Trou diamètre double Vis non visibles. Trou diam. 8 visible. Ajustement total 1 mm. Fixation solide de la paroi

**TIPO B** - Taladro doble diámetro. Tornillo a vista. Taladro ø 8 a vista. Regulación total 1 mm. Fijación integrada en la pared



To drill the double diameter hole:  
Step1 - drill the through hole with diameter 4.5 mm.  
Step2 - drill the hole with diameter 8 mm D. 6.5 mm

Pour réaliser le trou diamètre double.  
Étape 1 - effectuer le trou de passage diam. 4.5 mm.  
Étape 2 - effectuer le trou diam. 8 mm profond 6.5 mm

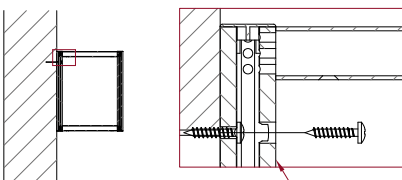
Para realizar el taladro doble diámetro.  
Paso 1 - hacer un taladro pasante ø 4.5 mm.  
Paso 2 - hacer un taladro ø 8 mm profundo 6.5 mm

**TYPE B** - double diameter hole.

1 - Align the structure with the wall near the holes.  
2 - Tighten the screw until the structure is fixed to the wall.

**TYPE B** - trou diamètre double  
1 - positionner la structure sur la paroi à proximité des trous.  
2 - visser la vis jusqu'au blocage de la structure sur la paroi

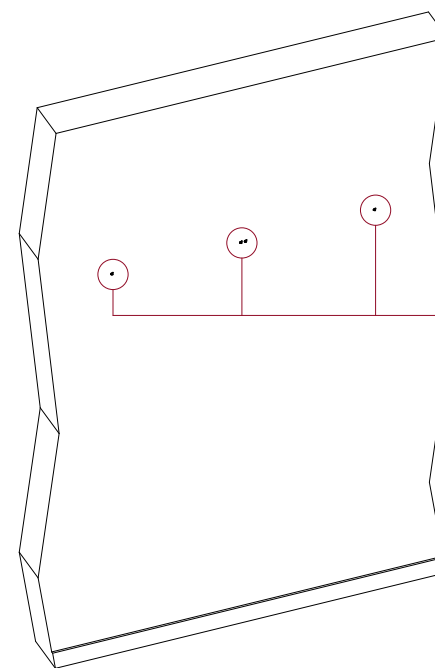
**TIPO B** - Taladro doble diámetro.  
1 - colocar la estructura en la pared haciendo coincidir con los taladros.  
2 - apretar el tornillo hasta que la estructura quede fijada a la pared



**IMPORTANT:** to cover the head of the screw or the hole diameter 8 mm, apply adhesive cover caps (not included).

**Attention :** pour couvrir la tête de la vis ou le trou diam. 8 mm, appliquer des caches trous adhésifs (non inclus)

**Atención:** para cubrir la cabeza del tornillo o el taladro ø 8 mm aplicar los embellecedores para tornillos adhesivos (no incluidos)



9mm - 13mm  
3/8" - 1/2"  
Drywall or Board

16mm - 19mm  
5/8" - 3/4"  
Drywall or Board

Supporting materials: concrete. Solid or semi-solid bricks. Solid block or light cable concrete. Aerated concrete. Plasterboard. Natural stone. Chipboard panel. Solid gypsum panel.

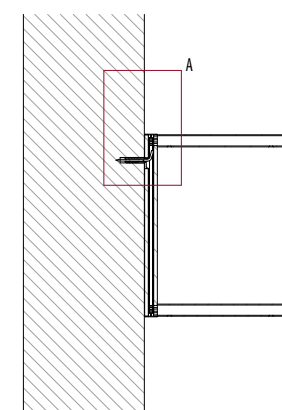
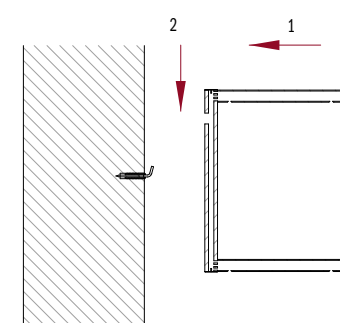
**Matériaux de support :** béton Brique pleine ou perforée Bloc plein ou cavité en béton de granulats légers. Béton cellulaire. Placoplâtre. Pierre naturelle. Panneau de copeaux. Panneau plein en plâtre.

**Materiales de soporte:** Hormigón. Ladrillo macizo o perforado. Bloque macizo o hueco de hormigón ligero. Hormigón celular. Placas de yeso laminado. Piedra natural. Panel de aglomerado. Panel macizo de escayola.

Drill a hole in the wall using a 6 mm diameter drill bit to a minimum of D. 40 mm. Insert the dowel into the hole. Fix the hook to the dowel

Forer le mur avec une pointe diam. 6 mm sur une profondeur de minimum 40 mm. Insérer la cheville dans le trou. Fixer le crochet sur la cheville.

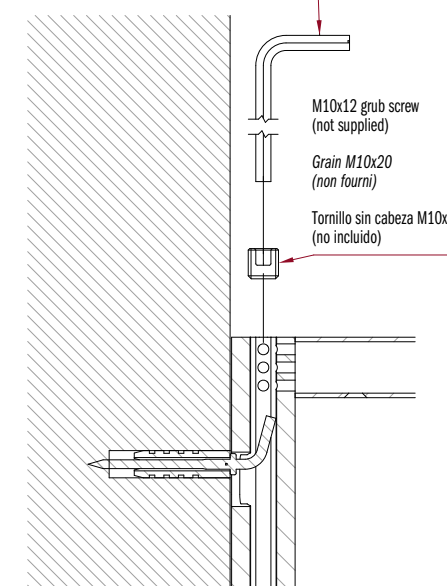
Taladrar la pared con una broca de ø 6 mm y una profundidad mínima de 40 mm. Introducir el taco en el taladro. Fijar el gancho en el taco.



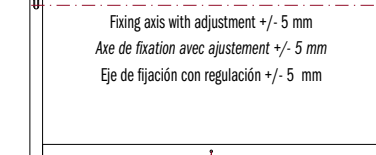
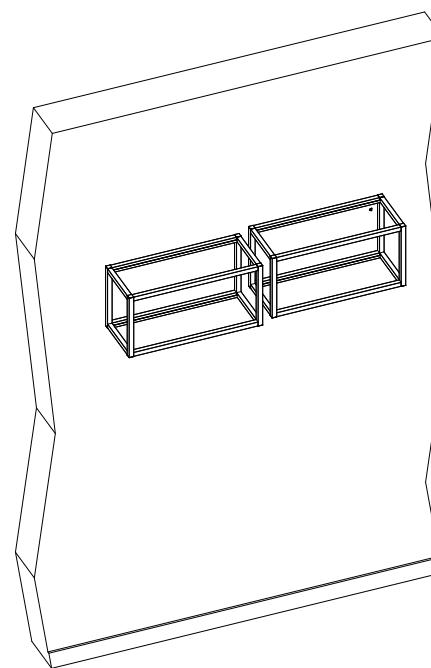
5 mm hexagonal male wrench (not supplied)

Clé mâle hexagonale 5 mm (non fournie)

Llave macho hexagonal 5 mm (no incluida)



DETAIL A



Once adjusted, the structure must be secured to the wall with a normal screw in the hole made in the crossbar.

Une fois le relevé effectué, la structure est mise sur la paroi en utilisant une vis normale dans le trou se trouvant sur la traverse

Al concluir el registro, la estructura se debe fijar a la pared utilizando un tornillo normal en el agujero hecho en el larguero.



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