

Ombrea

FR Pergola Bioclimatique Autoportante 4x4M

EN 4x4M freestanding louvered pergola / ES Pégola Bioclimática Autoportante 4x4M

IT Pergola bioclimatica autoportante 4x4M

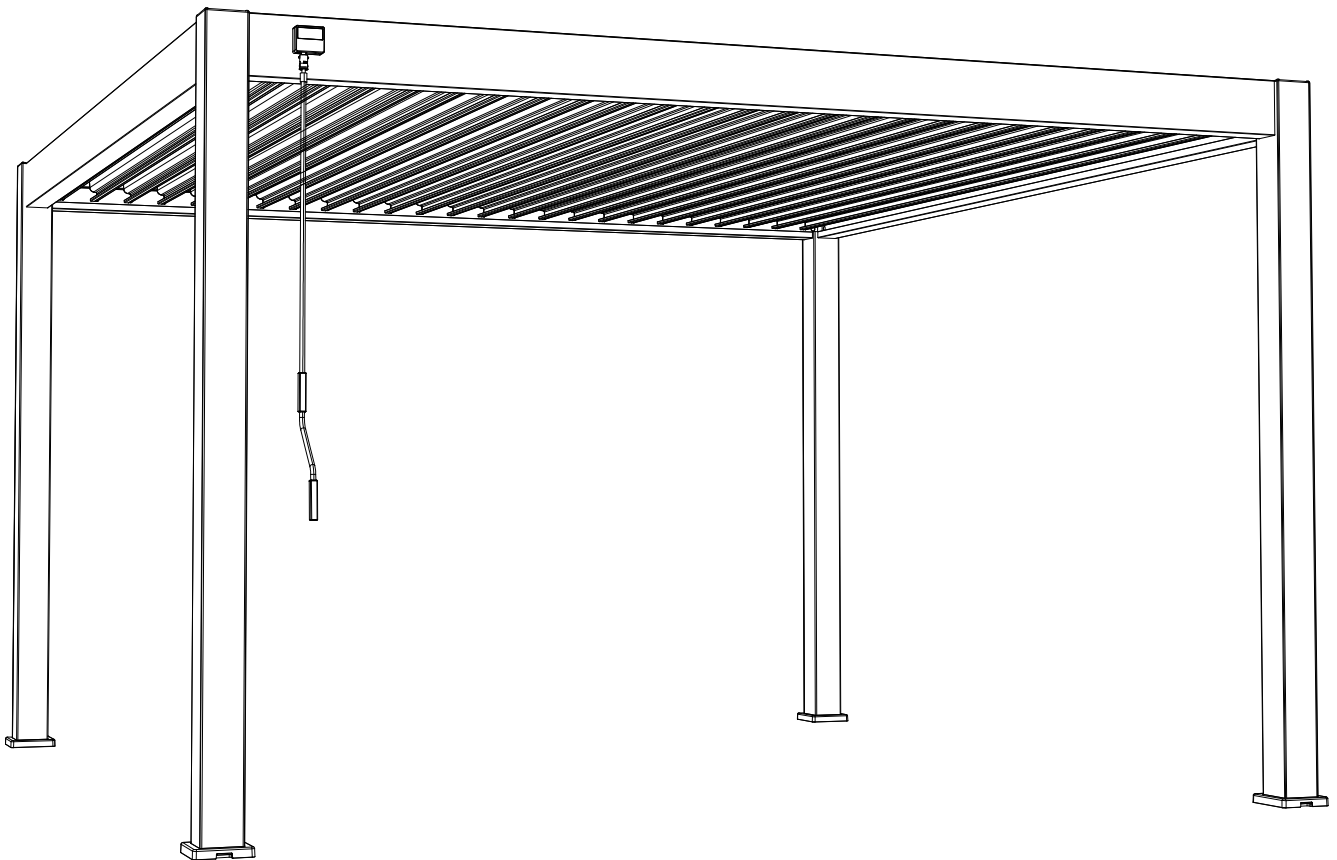
Anthracite/Dark Grey/Antracita/Antracite : 15-728486, Blanc/White/Blanco/Bianco : 15-728547,
Anthracite et Blanc/Dark Grey and White/Antracita y Blanco/Antracite e Bianco : 15-728608

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Pergola Bioclimatique Autoportante 4x4M

Antracite : 15-728486 / Blanc : 15-728547 / Anthracite et Blanc : 15-728608

Notice à conserver pendant toute la durée de vie du produit.

Nous vous demandons de lire attentivement la notice avant de procéder au montage.

L'utilisateur sera responsable des dommages ou blessures causés par une utilisation non conforme.

1. PRÉCAUTIONS D'UTILISATION

Ce produit ne doit pas être utilisé en cas de fortes intempéries : orage, vent violent, grêle, neige. Nous garantissons la résistance de la pergola pour des vents jusqu'à 100 km/h et un poids de neige maximal de 50kg/m².

En cas de vents forts ou de neige, il est vivement recommandé de laisser les lames en position ouverte. En cas d'oubli, il faudra déneiger la pergola afin d'éviter une surcharge importante sur les lames.

Notre pergola peut supporter de fortes pluies, mais, nous ne pouvons pas vous garantir une étanchéité à 100%.

En cas d'épisodes climatiques exceptionnels, son étanchéité peut être compromise. Ne pas laisser des produits craignant l'humidité sous la pergola. Ne pas monter sur le toit ni sur la structure de la pergola.

2. CONSEILS DE MONTAGE

Selon l'emplacement et la surface, les constructions peuvent être soumises à des déclarations de travaux ou de demande de permis de construire. Veuillez vous rapprocher de votre mairie pour obtenir les informations utiles avant le montage.

Montage du produit :

- 2 à 3 personnes sont nécessaires
- Retirer les films de protection (durée estimée à 1h)
- Ne pas laisser les enfants jouer à proximité de la zone de montage
- Attention aux risques de pincement
- Ne jamais serrer complètement les vis avant d'avoir assemblé la partie concernée
- Toutes les étapes d'assemblage doivent être scrupuleusement respectées
- Contrôler les niveaux, les diagonales et l'aplomb
- Fixer la pergola qu'une fois assemblée

Aucune modification ne peut être apportée au produit. Les produits modifiés par l'utilisateur ne sont plus couverts par la garantie du fabricant.

Le lieu d'emplacement doit être choisi de manière appropriée. Il est recommandé d'éviter de monter votre pergola, par temps de pluie, face aux vents dominants et sous un arbre.

La pergola doit être montée sur une fondation adéquate stable et nivelée, il est recommandé de l'installer sur une dalle en béton ou sur des plots en béton 25x25 cm au niveau de chaque poteau. Nous vous demandons d'ancrer correctement la pergola au sol à l'aide des pièces TO.

Si vous souhaitez positionner votre pergola près de votre maison ou d'un bâtiment, nous vous demandons de vérifier la présence de gouttières pour l'écoulement des eaux. La pergola Ombréa® ne pourra pas supporter et garantir une étanchéité parfaite si les eaux de pluie de votre habitation s'y déversent.

En cas de non-respect des recommandations de montage, la garantie ne pourra être appliquée.

3. ENTRETIEN DE LA PERGOLA

Un entretien régulier est nécessaire pour assurer sa longévité et son aspect esthétique, nous recommandons de :

- Laver votre pergola 1 à 2 fois par an à l'eau douce à l'aide d'une éponge ou d'un chiffon. Ne pas utiliser de détergent ou matériau abrasif.
- Vérifier le serrage des vis régulièrement (au moins 1 fois par an).
- Huiler les pièces de quincaillerie régulièrement (au moins 1 fois par an).
- Veiller à ce que rien ne gêne l'écoulement des eaux dans les gouttières (feuilles, branches...).
- Enlever l'eau qui pourrait stagner autour des pieds de la pergola (soulever les protections).

4. GARANTIE

Ombréa® garantit la disponibilité des pièces détachées pendant 2 ou 5 ans (suivant le produit). Elle ne s'applique que si les consignes de stockage, de montage, d'utilisation, d'entretien sont respectées.

La garantie ne couvre pas :

- L'usure normale inhérente aux produits.
- La perte ou la casse de toutes pièces lors du déballage ou de l'installation.
- Le manque de soins raisonnable, la négligence, le vandalisme, les impacts avec des objets étrangers, l'usage de la force, le contact avec des abrasifs, l'esthétique, le démontage, la reconstruction ou relocalisation.
- Les forces majeures : grêle, vents forts, tempêtes, neige, inondations, foudre...
- Produit modifié par l'utilisateur

La garantie comporte seulement le remplacement de la pièce détachée ou du produit fourni, à l'exclusion de tout frais et indemnités de quelque nature que ce soit.

Toute demande de garantie doit être formulée au point de vente (magasin ou site internet) dans lequel vous avez acheté votre produit


5. LISTE DES PIÈCES (PAR CARTON)





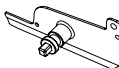

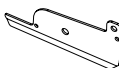

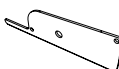





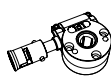

Avant de procéder au montage de votre pergola bioclimatique, il est nécessaire de vérifier que toutes les pièces soient présentes et ne soient pas endommagées.






Toute pièce manquante doit être signalée dans les 10 jours suivant l'achat. Vous pouvez passer par votre revendeur ou faire la demande directement sur notre site sav.comintes.com.





Ne pas jeter l'emballage sans s'assurer du bon fonctionnement de la pergola.


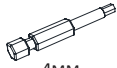


CARTON 1/5 (POTEAU ET QUINCAILLERIE)



Référence	Schéma	Quantité
AO	 POTEAU	4

Référence	Schéma	Quantité	Référence	Schéma	Quantité
IO	 CACHE PLATINE	4	OO	 BOITIER	1
JO	 PLATINE DE FIXATION	4	PO	 CYLINDRE	1
KO	 CACHE LAME PRINCIPAL	1	QO	 VIS DE FIXATION POUTRE	8
LO	 CACHE LAME A	24	QO-1	 VIS DE FIXATION	8
LO-1	 CACHE LAME B	25	QO-2	 ANNEAUX	8
MO	 ERGOT	49	QO-3	 RONDELLE	8
MO-1	 ENSEMBLES EN CUIVRE	49	RO	 CAPUCHON DE FINITION	16
NO	 GEARBOX	1	SO	 CALE DEMI-LUNE	50

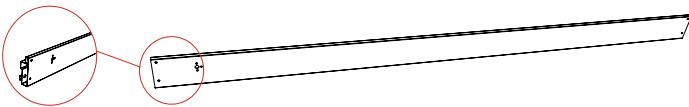
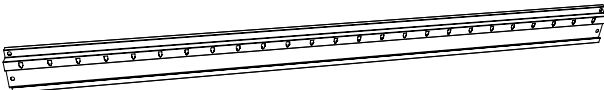
Référence	Schéma	Quantité
TO	 10x80 CHEVILLE BÉTON	12
UO	 ÉCROU	74
UO-1	 ÉCROU PLASTIQUE	25
VO	 RONDELLE	75
WO	 4x16 PH2 Vis 4x16	100

Référence	Schéma	Quantité
XO	 6x40 4mm BOULON 6X40	49
XO-1	 6x35 4mm BOULON 6X35	16
XO-2	 6x20 4mm BOULON 6X20	25
YO	 6x45 4mm BOULON 6X45	3




Référence	Schéma	Quantité
ZO-1	 4MM CLÉ ALLEN 4MM	1
ZO-2	 4MM EMBOUT VISSEUSE 4MM	1
ZO-3	 6MM CLÉ ALLEN 6MM	1
ZO-4	 6MM EMBOUT VISSEUSE 6MM	1


Référence	Schéma	Quantité
ZO-5	 10MM CLÉ PLATE 10MM	1
ZO-6	 PH2 EMBOUT VISSEUSE PH2	1

CARTON 2/5 (POUTRE)

Référence	Schéma	Quantité
BO		1
BO-1		1

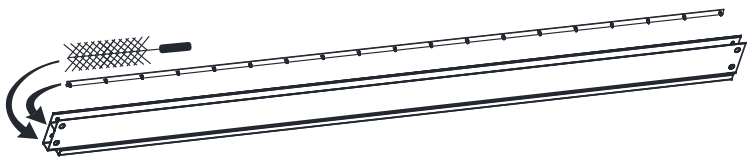
CARTON 2/5 (POUTRE)

Référence	Schéma	Quantité
CO	 <p>POUTRE LATÉRALE GAUCHE</p>	2
FO	 <p>BARRE DE CONNEXION</p>	1
HO	 <p>MANIVELLE</p>	1




ATTENTION!


Connecting Bar(FO) & Brush Inside!



CARTON 3/5 ET 4/5 (LAME)

Référence	Schéma	Quantité
GO	 <p>LAME</p>	9

CARTON 5/5 (LAME)

Référence	Schéma	Quantité
GO	 <p>LAME</p>	7

Les pièces en aluminium sont les suivantes : AO, BO-1, BO-2, CO, FO, GO, IO, KO, LO et LO1.

La visserie, ainsi que les autres pièces sont soit en Inox, en acier galvanisé, en plastique ou en nylon.

Pour plus de renseignements, référez-vous aux caractéristiques techniques du produit et consultez notre page FAQ sur le site www.pergola-ombrea.com ou rapprochez-vous de votre revendeur.

6. MATÉRIEL (NON FOURNI) NÉCESSAIRE POUR LE MONTAGE



Lunettes et gants de protection



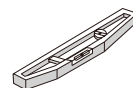
2 escabeaux



Perforateur + foret béton 12mm



Perceuse visseuse



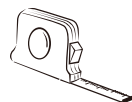
Niveau à bulles



Cutter



Casque de sécurité



Mètre ruban

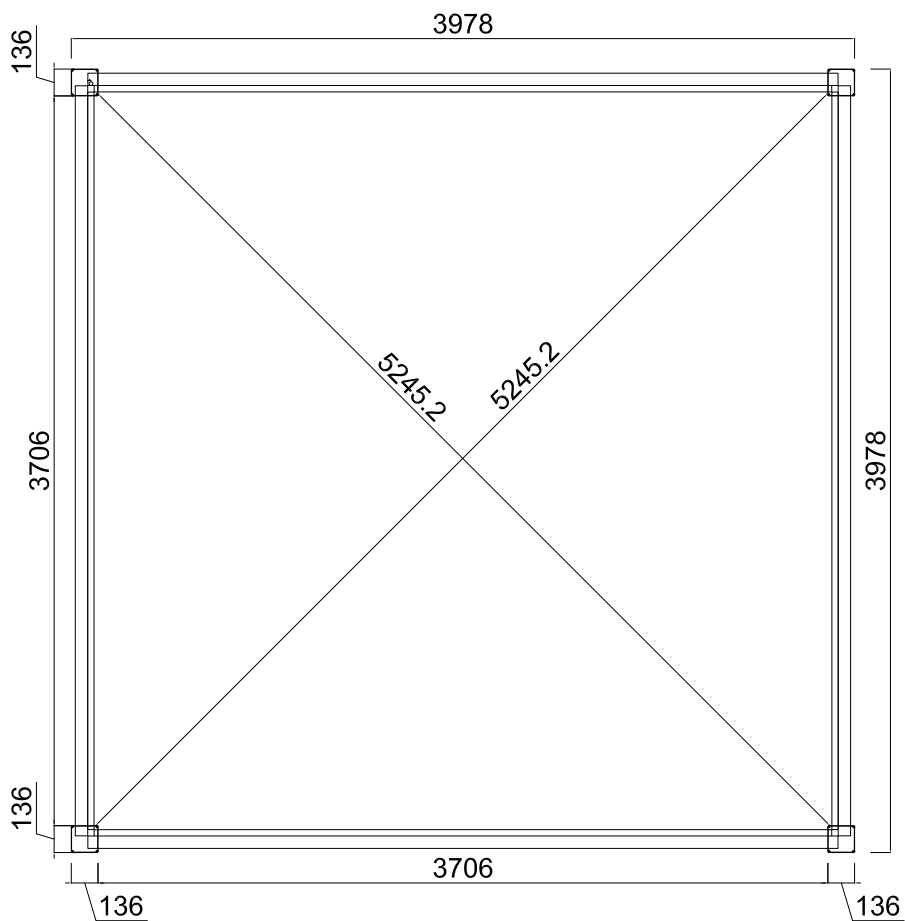
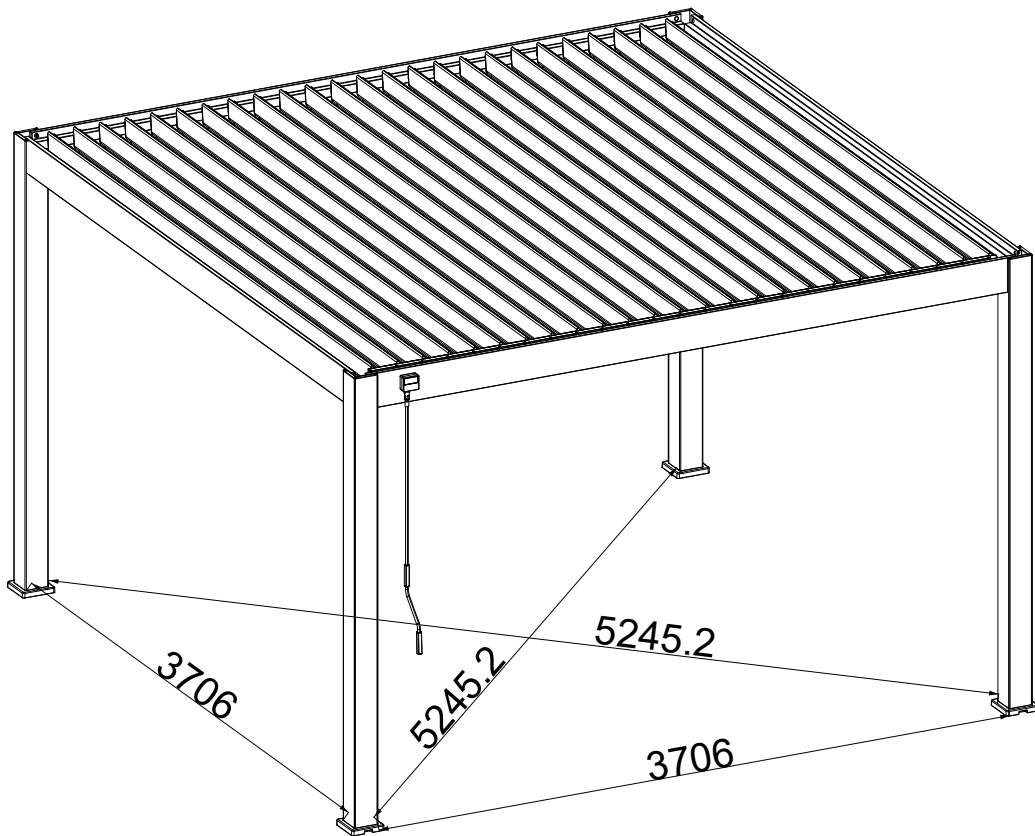
7. CONTACT

Soucieux de nous améliorer, n'hésitez pas à nous faire part de vos remarques et suggestions à l'adresse suivante : contact@pergola-ombrea.com

Nous serions ravis de recevoir les belles photos de votre installation.

L'équipe Ombréa vous remercie pour votre achat et vous souhaite des jours heureux sous votre pergola!

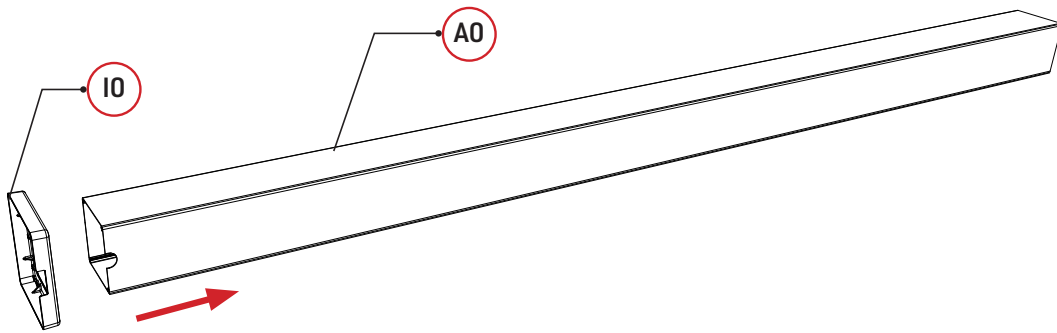
8. PLAN DE MONTAGE (dimensions en mm)



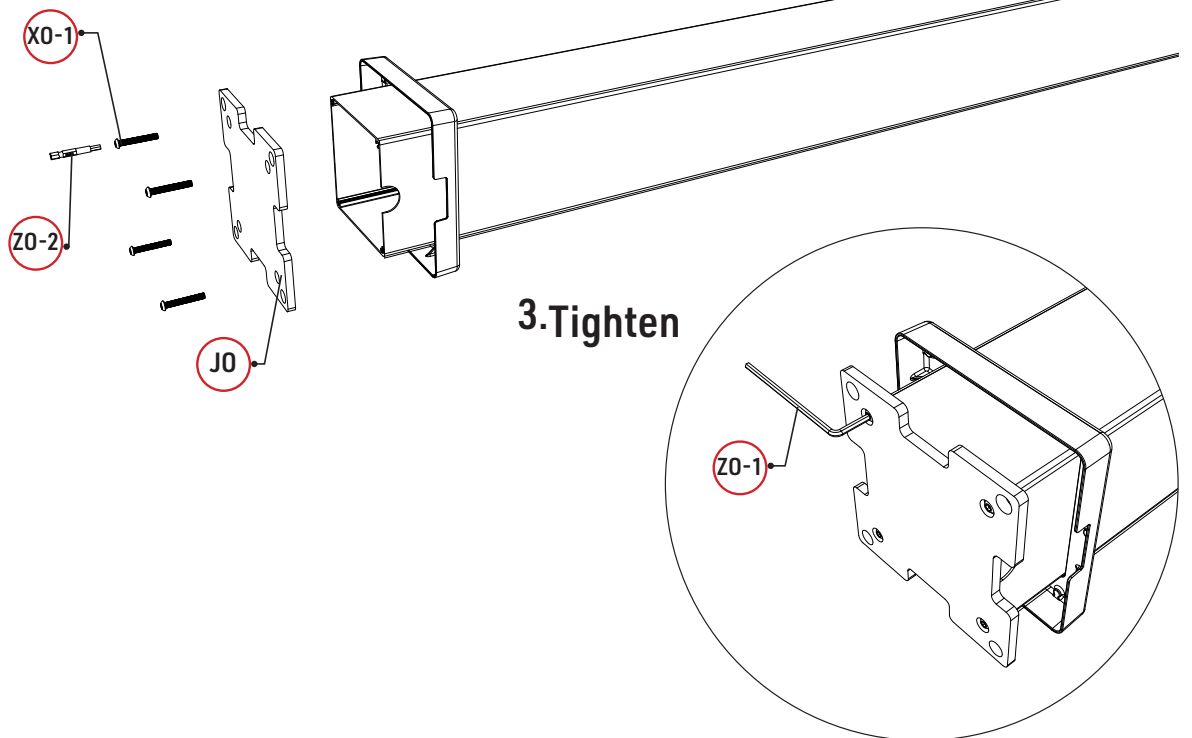
9. ÉTAPES DE MONTAGE

Afin d'éviter tout endommagement de votre pergola durant le processus de montage, nous vous recommandons de les assembler sur une table, sur des tréteaux ou d'aménager une surface plate et propre.

1.



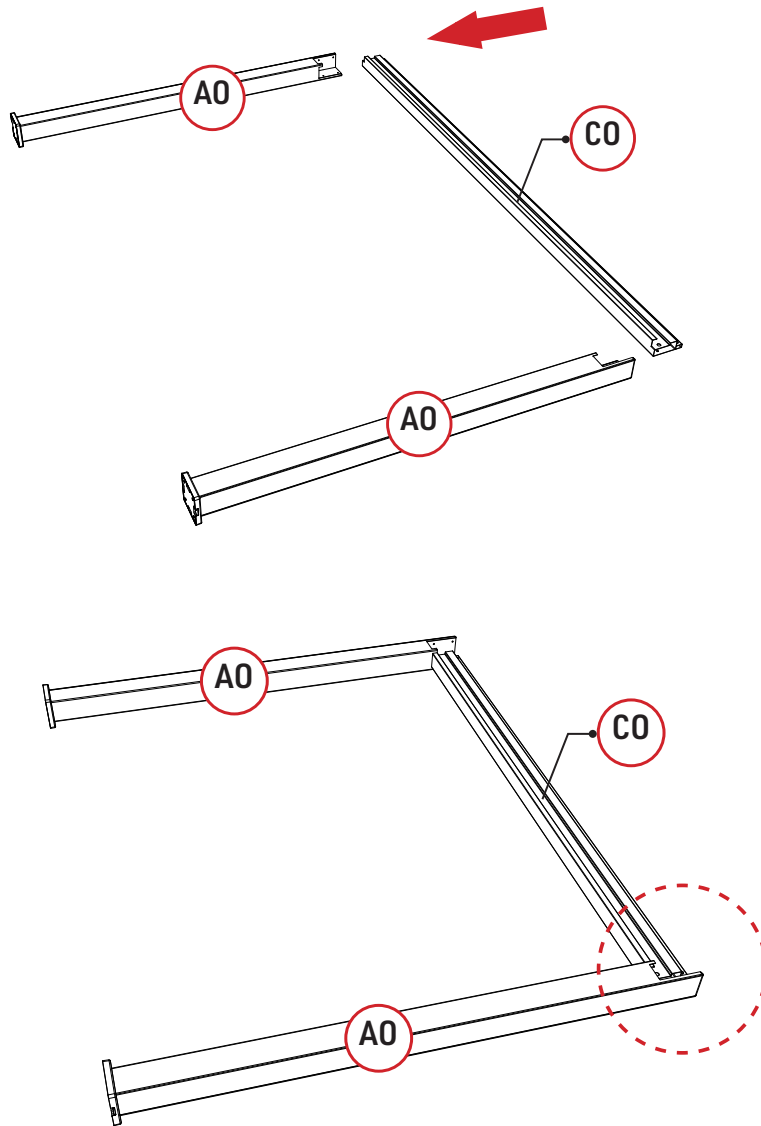
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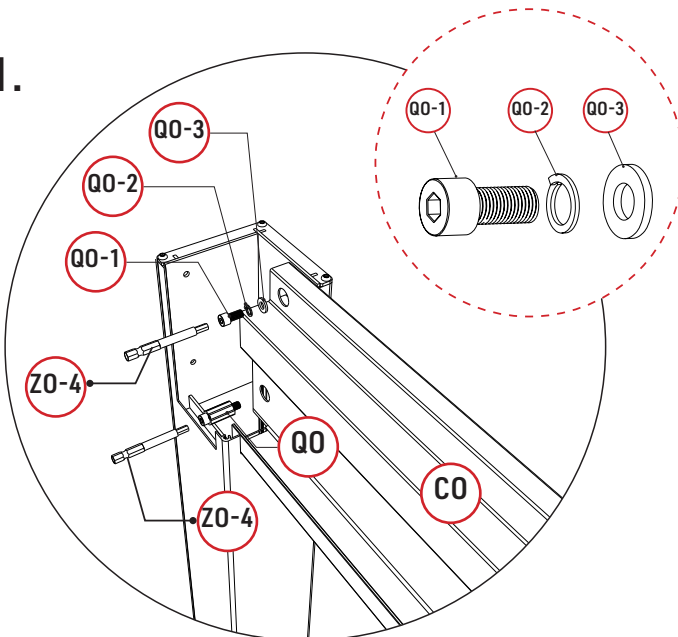
Glisser les caches **IO** sur les poteaux **AO**, en positionnant l'ouverture dans le même sens que l'ouverture située sur le poteau en forme de demi-lune.

Puis, fixer la platine **JO** avec les vis **XO-1** à l'aide d'une visseuse. Commencer par serrer légèrement, puis complètement une fois que toutes les vis sont positionnées.

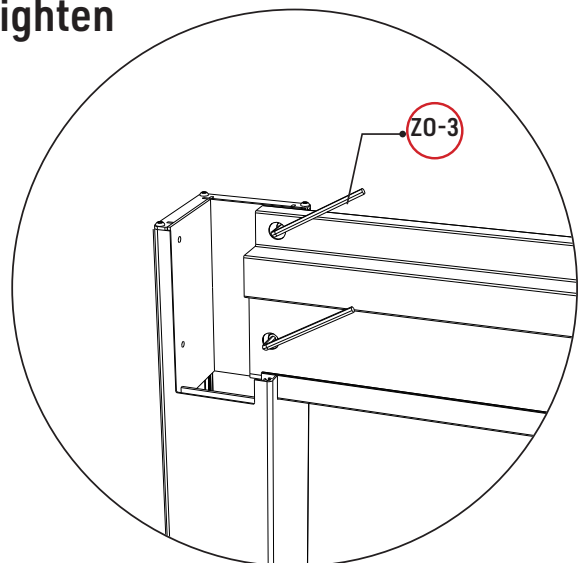
Positionner et fixer la poutre **CO** sur les poteaux **AO** avec les vis **QO,QO-1,QO-2** et **QO-3** de chaque côté, à l'aide d'une visseuse et de l'embout **ZO-4** ou de la clé Allen **ZO-3**.



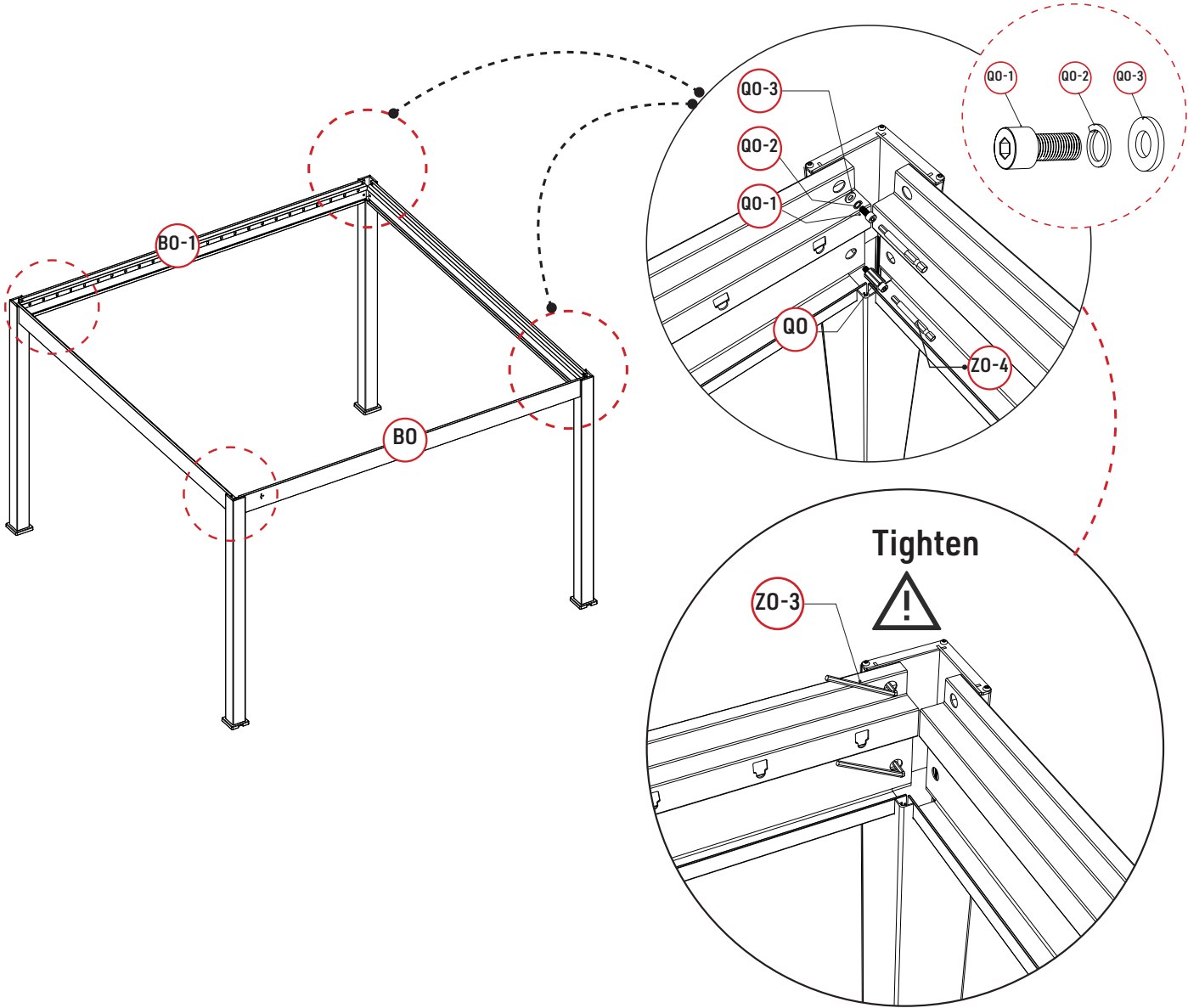
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2. Tighten



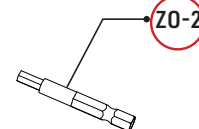
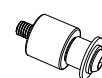
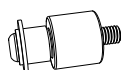
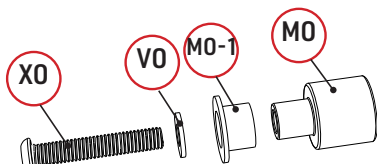
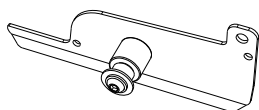
Répéter la même opération, avec la poutre **BO** et **BO-1** et les poteaux **AO**.



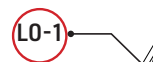
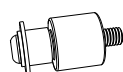
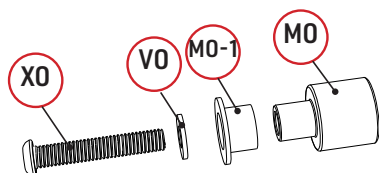
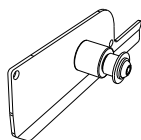
Constituer et fixer l'ergot correspondant à l'ensemble des pièces **XO,VO, MO,MO-1** et **UO** dans les caches lames **LO** et **LO-1**. S'assurer que l'ergot est bien installé dans le bon sens pour la pièce **LO** et pour la pièce **LO-1**, comme indiqué sur le schéma.

Utiliser une visseuse et l'embout **ZO-2** pour faciliter l'insertion du boulon **XO** dans l'écrou **UO**. Pour ne pas être blessé et pour que l'opération ne soit pas trop difficile, nous recommandons de maintenir l'écrou avec la clé **ZO-5** durant cette manipulation..

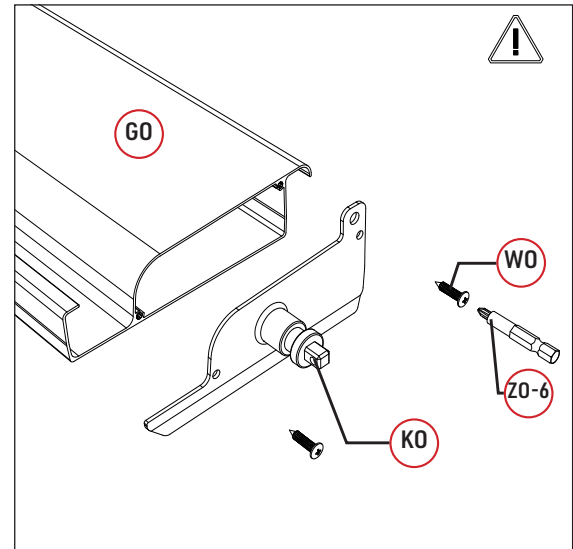
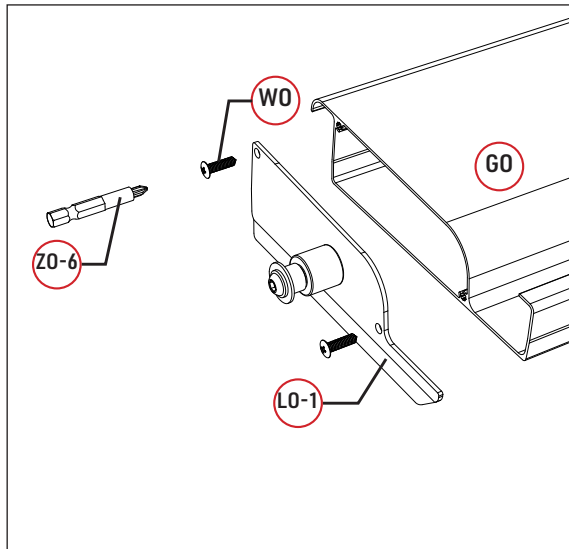
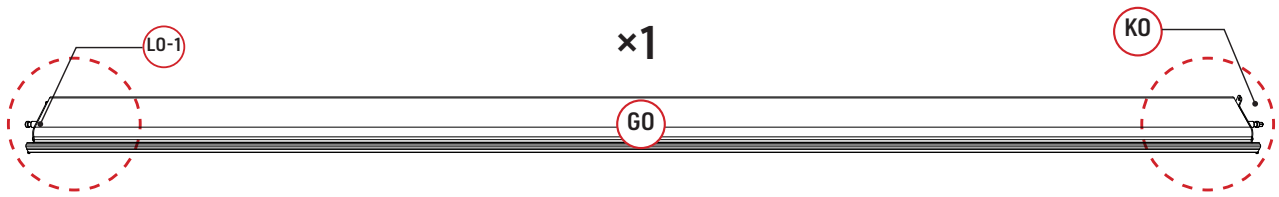
LO ×24



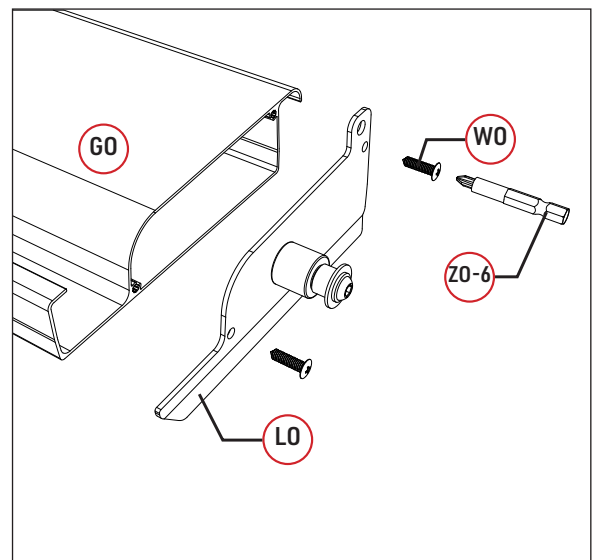
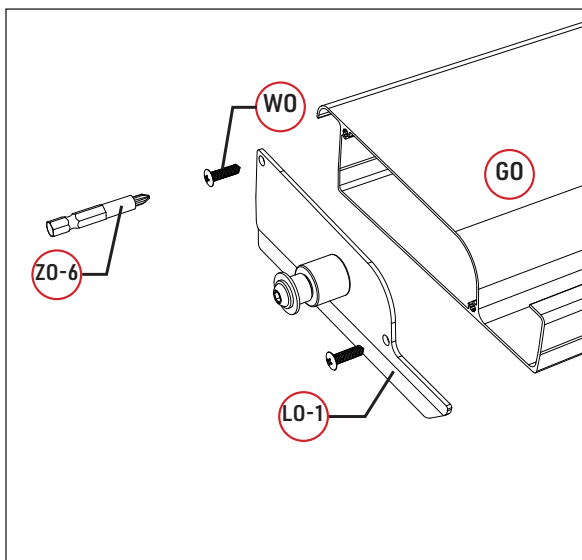
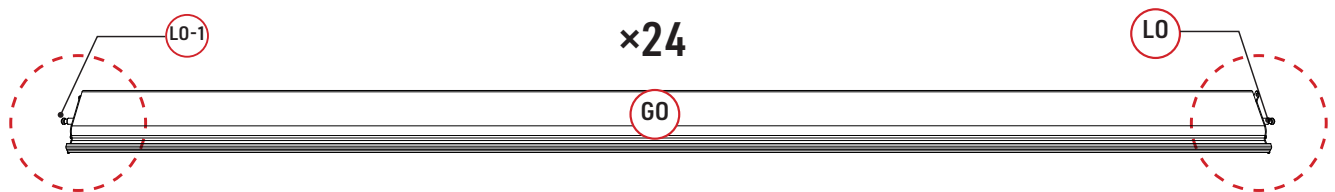
LO ×25



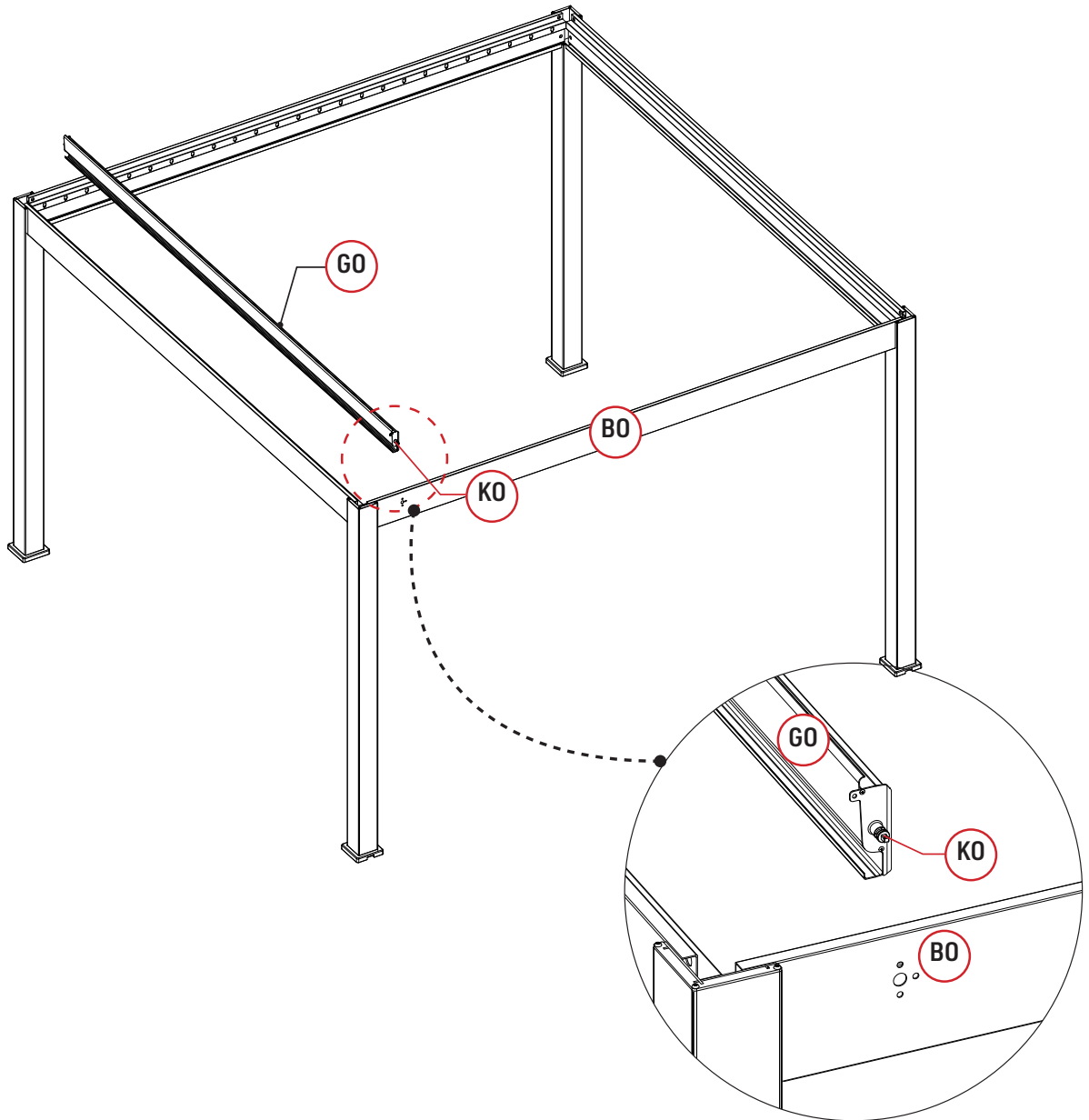
Positionner la lame principale **GO** dans le bon sens comme indiqué sur le schéma, puis fixer le cache lame principal **KO** à droite de la lame et **LO-1** à gauche, avec les vis **WO** à l'aide d'une visseuse et de l'embout T20 **ZO-6**.



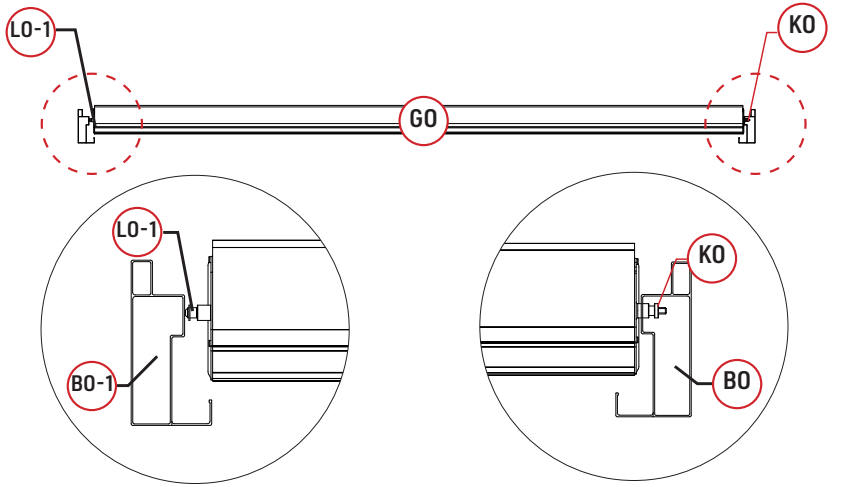
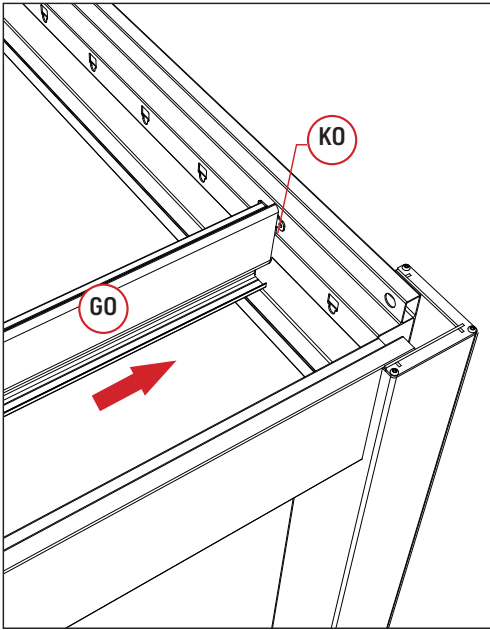
Répéter la même opération avec les autres lames **GO**, en fixant les caches-lame **LO-1** à gauche et **LO** à droite.



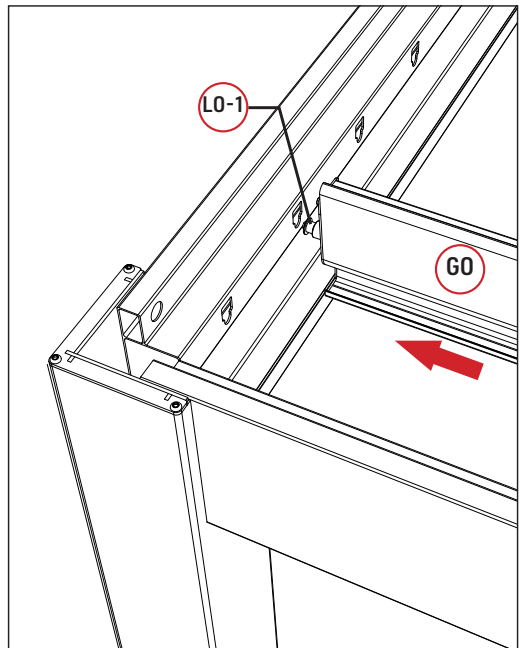
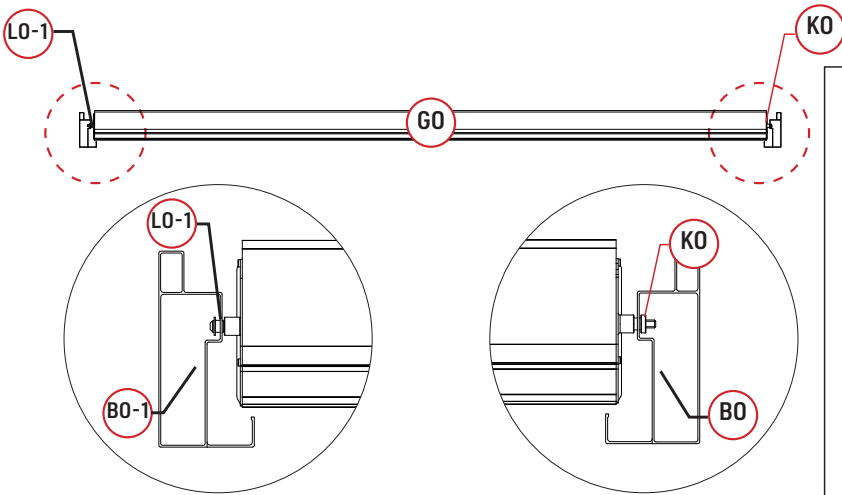
Installer la lame principale en seconde position de l'endroit prévu à cet effet sur la pergola, en commençant du côté de la manivelle pour former le toit.



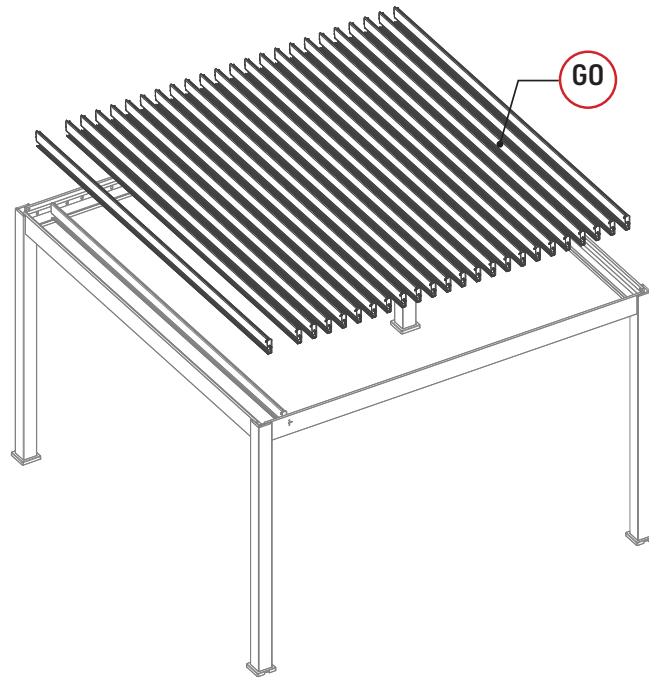
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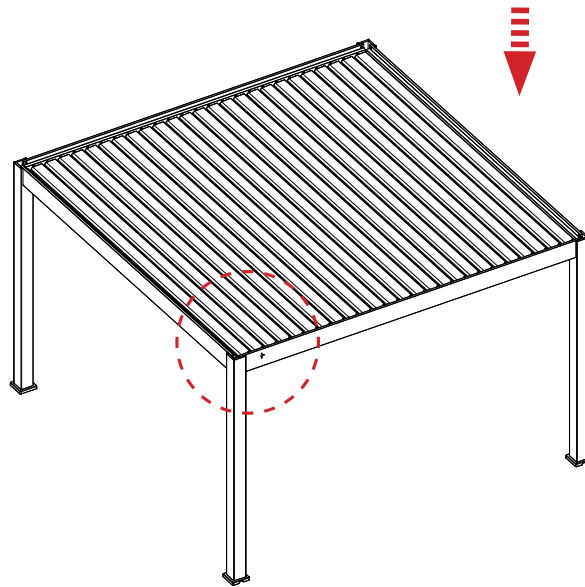
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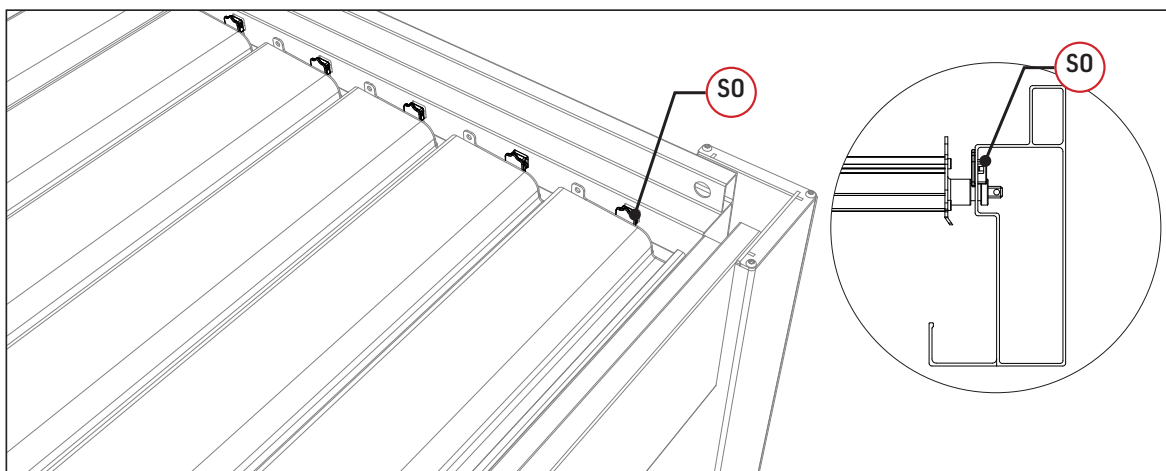
Mettre la lame en position verticale, afin d'installer les autres lames les unes après les autres. Puis, insérer les cales demi-lune **SO** comme indiqué sur le schéma. L'ouverture en demi-lune doit se situer sur la partie inférieure de la cale.



1

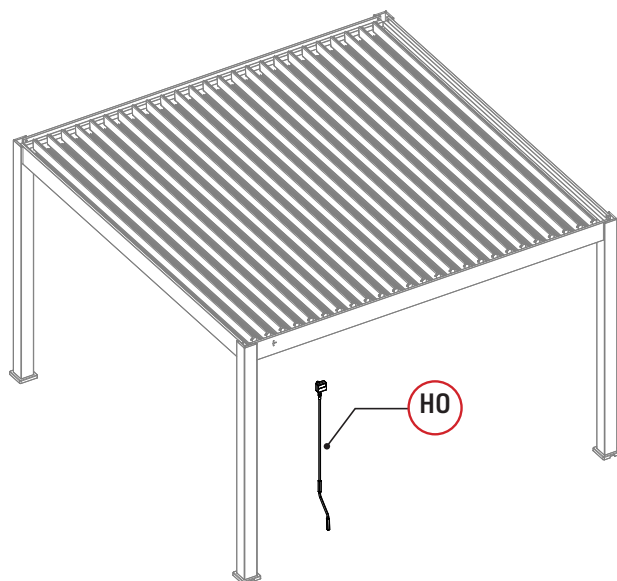


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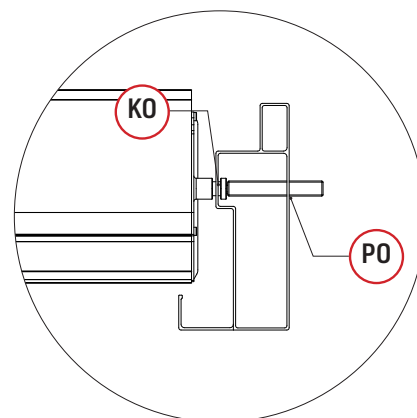
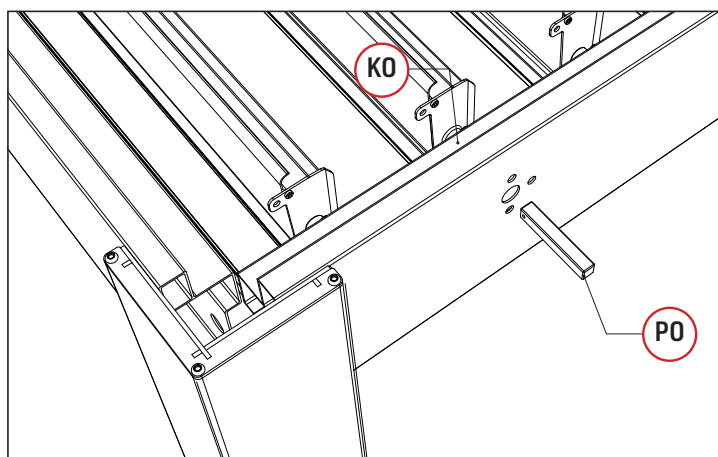


Insérer le cylindre **PO** au travers de la poutre comme indiqué sur le schéma, puis pousser jusqu'à emboîtement avec l'ergot de la lame principale **KO**.

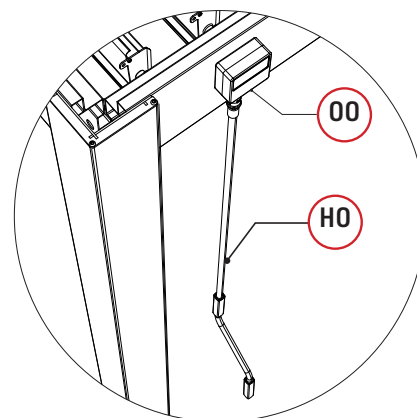
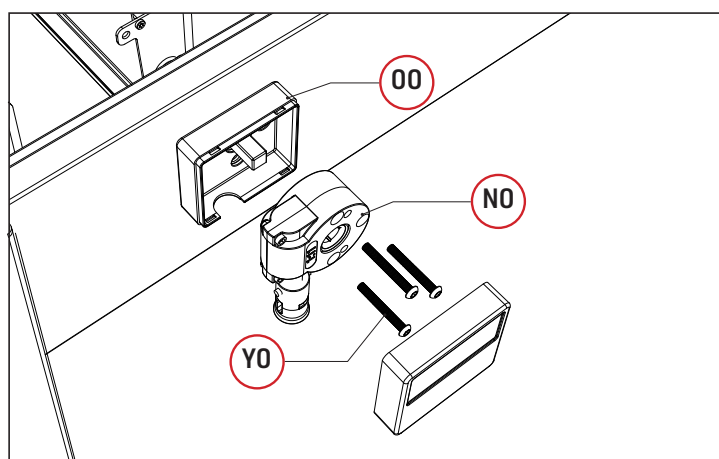
Associer et visser la première partie du boîtier **OO** avec la gearbox **NO** sur la poutre principale **BO**, avec les 3 boulons **YO**, à l'aide de la clé Allen **ZO-3** ou d'une visseuse et de l'embout **ZO-4**.



1

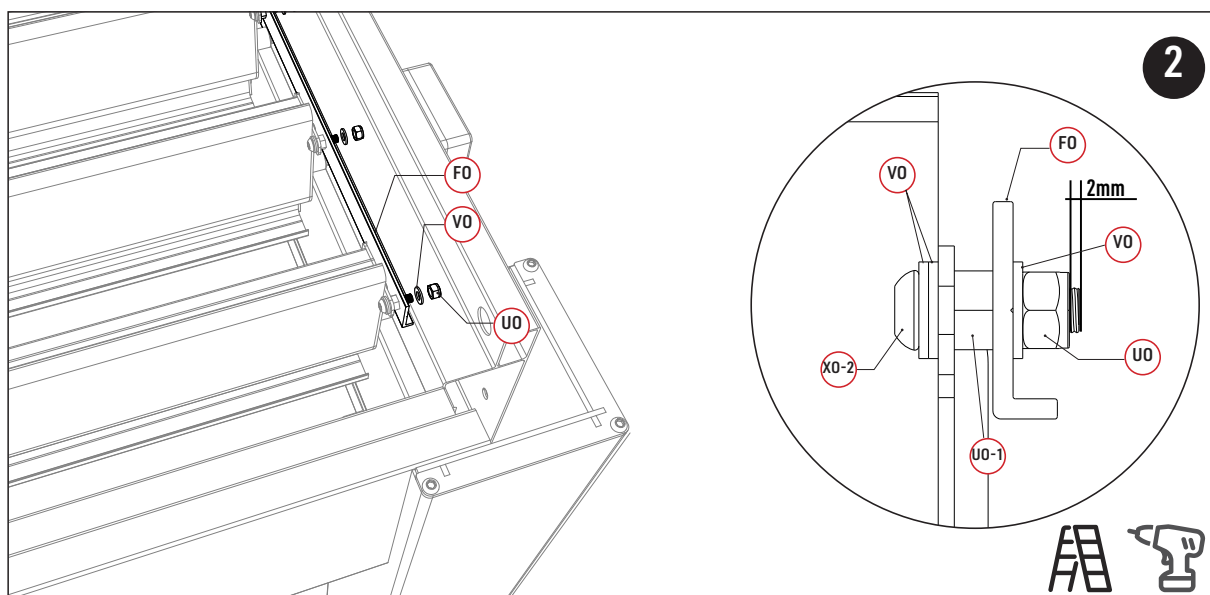
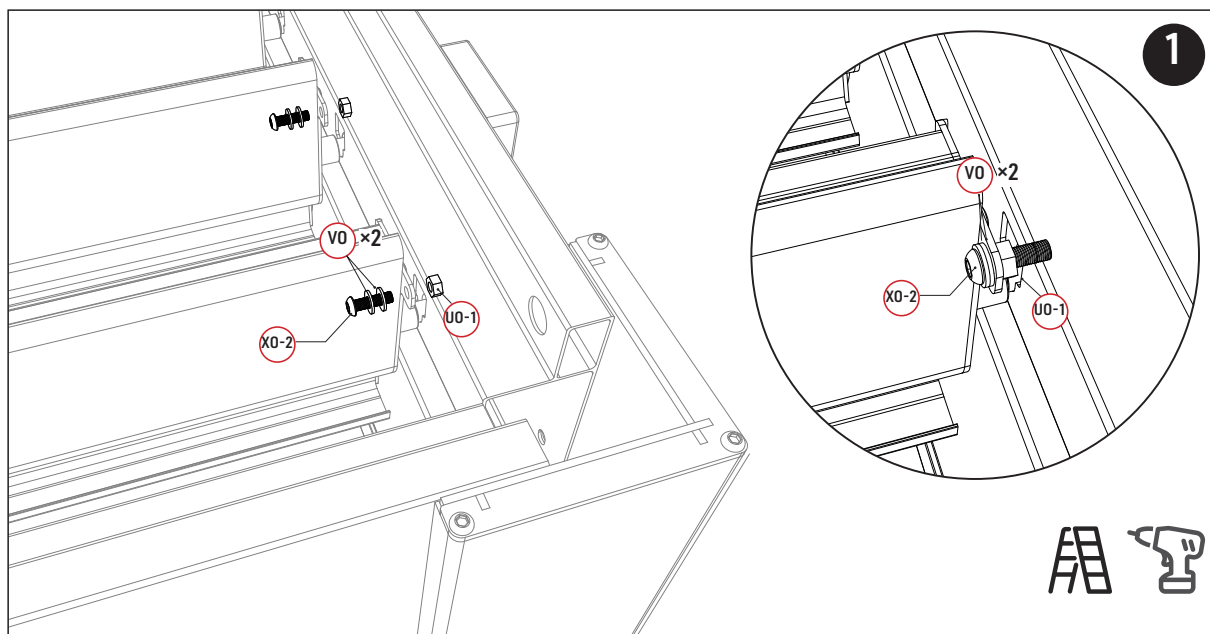
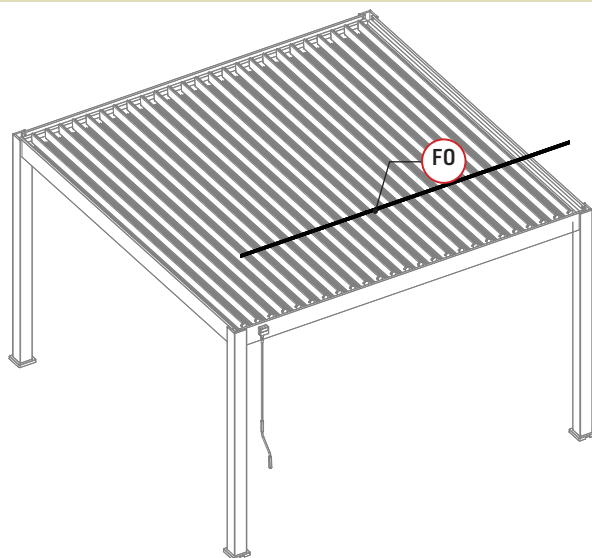


2



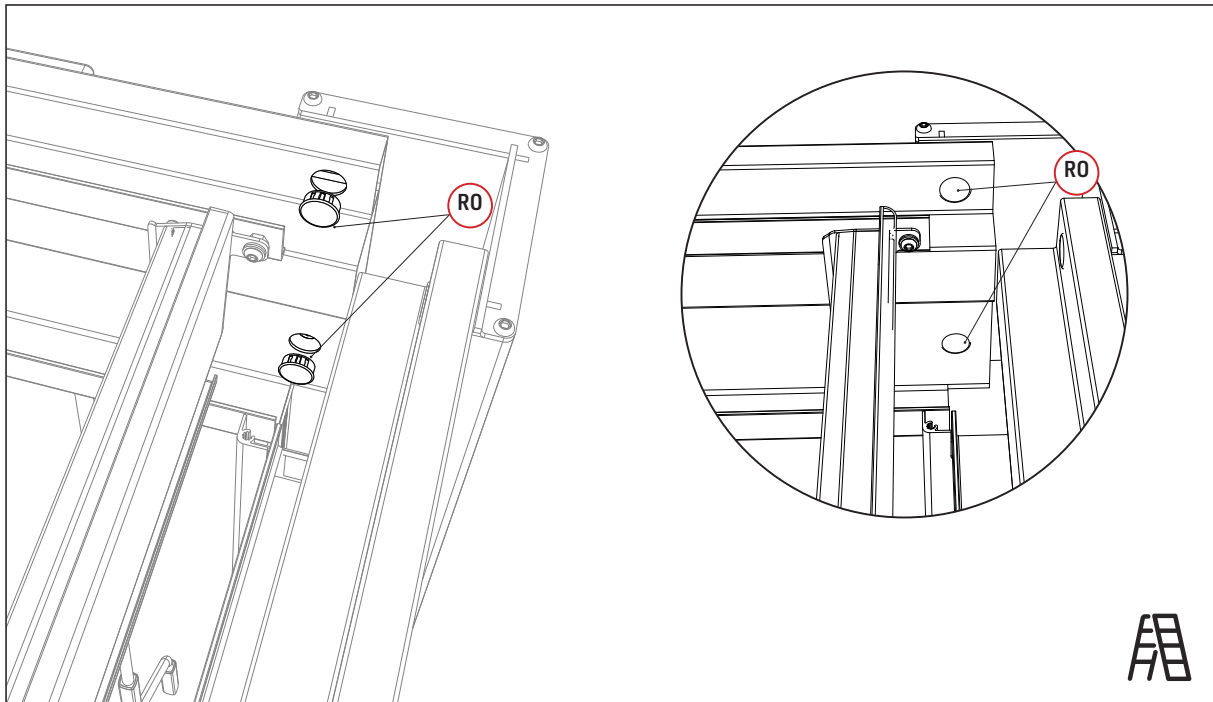
Fixer la visserie **XO-2**, **VO** et **UO-1** dans chaque cache-lame, comme indiqué sur le schéma.

Puis, fixer la barre de connexion **FO** sur toutes les lames avec les rondelles **VO** et les écrous **UO**, à l'aide d'une visseuse et de l'embout PH2 **ZO-1** et de la clé **ZO-5** pour maintenir l'écrou.

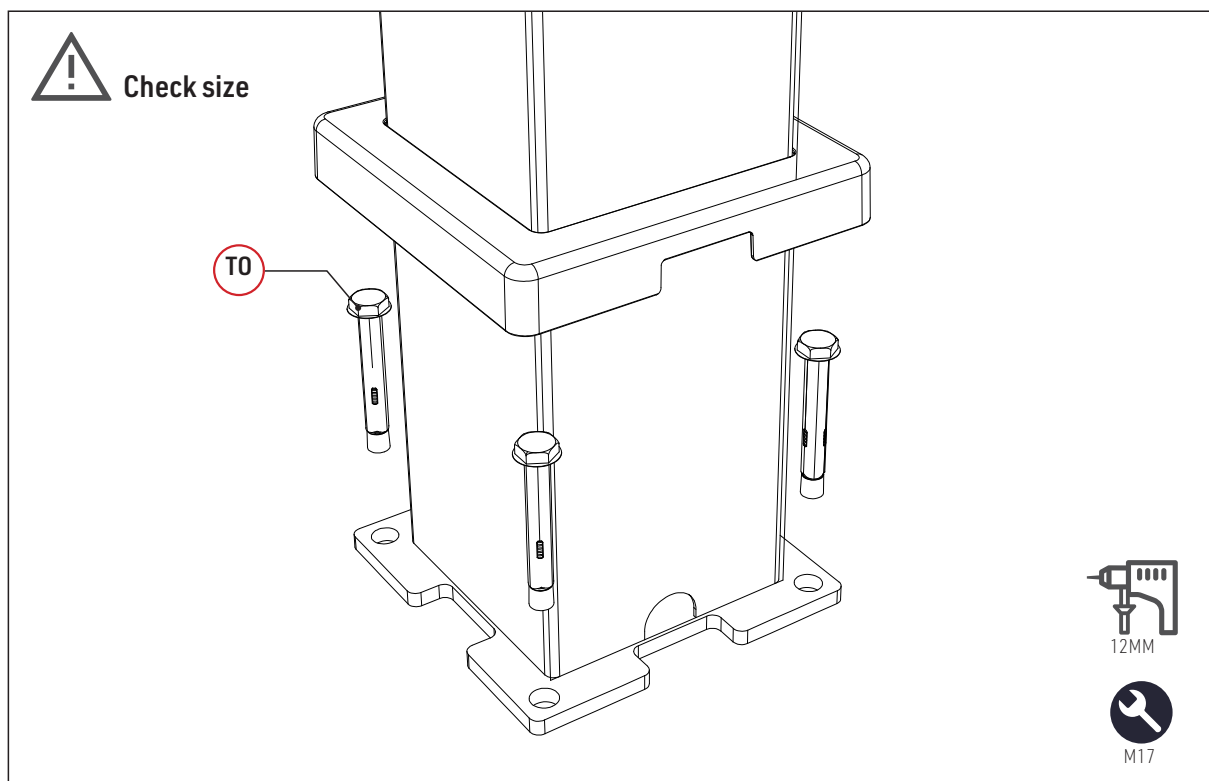


Insérer les boutons de finition **RO** pour masquer les trous situés dans les coins du cadre, comme indiqué sur le schéma.

1



2



Terminer en fixant la pergola sur un sol dur et plat en béton, avec les chevilles à expansion TO à l'aide d'un perforateur et d'un foret 12mm (non fourni).

4x4M freestanding louvered pergola

Dark Grey : 15-728486 / White : 15-728547 / Dark Grey and White : 15-728608

These instructions have to be saved during the whole product life cycle.

We advise you to read these very carefully before proceeding to the assembly.

The user will be reliable for any damages or injuries caused due to incorrect or improper installation.

1. PRECAUTION OF USE

This product should not be used in extreme weather: storms, violent winds, hail, and snow. We guarantee the resistance of the pergola for winds up to 100 km/h and a maximum snow weight of 50kg/m².

As in the case of strong winds or snow, we highly recommend leaving the louvers open. In the case of omission or neglect the pergola will have to be cleared of any snow to avoid any overload on the louvers.

Our pergola can withstand heavy rain, but we cannot guarantee it will be 100% waterproof.

Exceptional climatic events may compromise the perfect sealing of the product.

We advise you not to leave products that are sensitive to humidity under the pergola.

We do not recommend climbing on the roof or the structure of the pergola, risking damage and may cause injuries.

2. TIPS AND SAFETY INSTRUCTIONS

Depending on the location and surface area, construction may be subject to building permits. Make sure you have checked with your local authorities to obtain the needed information before the assembly.

Product assembly :

- At least 2/3 people required
- Remove protective film (around 1 hour needed)
- Do not keep children near the assembly area
- Beware of the risk of pinching.
- Do not tighten the screws before assembling the whole product
- All assembly steps must be carefully followed.
- Check the level of the structure on all sides
- Do not anchor the pergola before assembling the whole product

No changes can be made to the product. Products tampered with by the user are not covered by the warranty, thus being declared as void.

The location should be chosen carefully. It is recommended to avoid mounting your pergola on a rainy day, facing the prevailing winds, and under an overhanging tree.

The pergola must be mounted on a flat-level foundation. It is recommended to install it on a concrete slab or 25x25 cm concrete pads at each post. Please, anchor the pergola properly to the ground using TO parts.

If you would like to mount your pergola near your house or a building, please check the presence of gutters for water drainage.

We cannot guarantee that the pergola can ensure perfect sealing if rainwater from your gutter lines spills on it.

Should these instructions not be followed or only partially, the warranty will be voided by the seller.

3. MAINTENANCE

Regular maintenance is necessary to ensure its longevity and aesthetic appearance. we recommend to :

- Clean your pergola once or twice a year with fresh water using a sponge or cloth.
- Do not use detergent or an abrasive material.
- Check the tightness of the screws regularly (at least once a year).
- Oil fastening regularly (at least once a year).
- Make sure that nothing hinders the water flow in the gutters (leaves, branches...).
- Remove any water that might stagnate around the legs of the pergola (lift the posts skirts).

4. WARRANTY

Ombrea® guarantees the availability of the spare parts for 2 or 5 years (depending on the product). It only applies if the storage, assembly, use and maintenance instructions are respected.

This warranty does not cover :

- Normal wear and tear inherent from the products.
- Loss or breakage of any part during unpacking or installation.
- Lack of care, neglect, vandalism, impact with foreign body, force, contact with abrasives material, product aesthetics, disassembly, rebuilding or relocation.
- Force majeure: hail, high winds, storms, snow, floods, lightning etc...
- Product tampered with by the user.

The warranty only takes in account the replacement of spare parts or the provided product, no refund will be issued.

All warranty claims must be made at the sales outlet (store or website) where the product has been purchased.

5. PARTS LISTS (PER CARTON)


Before proceeding with the assembly of your louvered pergola, it is necessary to check that all parts listed are supplied and not damaged.





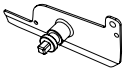

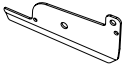

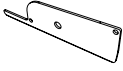





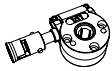

Any missing part must be reported within 10 days of delivery.







You can either go through your local outlet store or make the request directly on our website sav.comintes.com.









Do not discard the packaging without ensuring that the product is functioning properly.


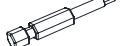


CARTON 1/5 (POSTS AND LOOSE PARTS)


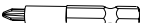
Reference	Parts	Quantity
AO	 POST	4

Reference	Parts	Quantity	Reference	Parts	Quantity
IO	 POST SKIRT	4	OO	 BOX COVER	1
JO	 POST BASE PLATE	4	PO	 CYLINDER	1
KO	 MAIN LOUVER END CAP	1	QO	 BEAM FIXING SCREW 6mm	8
LO	 B LOUVER END CAP	24	QO-1	 STEEL BRACKET 6mm	8
LO-1	 A LOUVER END CAP	25	QO-2	 ANNEAUX	8
MO	 SPRING PINS	49	QO-3	 RONDELLE	8
MO-1	 COPPER SETS	49	RO	 CIRCLE CAP	16
NO	 GEARBOX	1	SO	 HALF MOON PLASTIC CAP	50

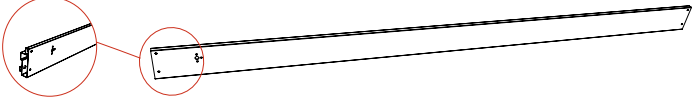
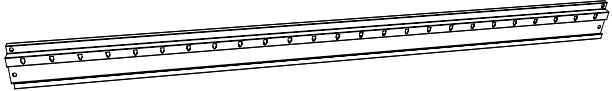
Reference	Parts	Quantity
TO	 10x80 CONCRETE EXPANSION ANCHOR BOLT	12
UO	 NUT	74
UO-1	 PLASTIC NUT	25
VO	 WASHER	75
WO	  4x16 PH2 SCREW 4X16	100

Reference	Parts	Quantity
XO	  6x40 4mm BOLT 6X40	49
XO-1	  6x35 4mm BOLT 6X35	16
XO-2	  6x20 4mm BOLT 6X20	25
YO	  6x45 4mm BOLT 6X45	3




Reference	Parts	Quantity
ZO-1	 4MM 4MM ALLEN KEY	1
ZO-2	 4MM 4MM HEX BIT	1
ZO-3	 6MM 6MM ALLEN KEY	1
ZO-4	 6MM 6MM HEX BIT	1


Reference	Parts	Quantity
ZO-5	 10MM 10MM FLAT WRENCH	1
ZO-6	 PH2 PH2 TORX BIT	1

CARTON 2/5 (BEAMS)

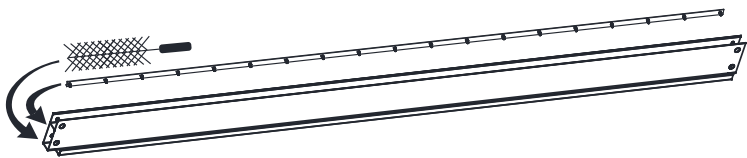
Reference	Parts	Quantity
BO	 MAIN BEAM	1
BO-1	 BACK BEAM	1

CARTON 2/5 (LOUVERS)


Reference	Parts	Quantity
CO	 SIDE BEAM	2
FO	 CONNECTOR BAR	1
HO	 CRANK HANDLE	1


ATTENTION!


Connecting Bar(FO) & Brush Inside!



CARTON 3/5 ET 4/5 (LOUVERS)

Reference	Parts	Quantity
GO	 LOUVER	9

CARTON 5/5 (LOUVERS)

Reference	Parts	Quantity
GO	 LOUVER	7

The parts from aluminium are AO, BO, BO-1, CO, FO, GO, IO, KO, LO et LO-1.

Screws, bolts, and other loose parts are either from stainless steel, galvanized steel, nylon, or plastic.

For any further information, make sure to refer to the technical specifications of the product and consult our FAQ page on the website www.pergola-ombrea.com/en or contact your outlet store.

6. NECESSARY TOOLS AND SAFETY GEAR (NOT SUPPLIED)



Safety glasses and
Work gloves



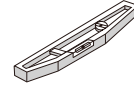
2 Ladders



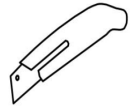
Electric drill + 12mm
concrete drill bit



Electric screwdriver



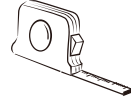
Spirit level



Cutter



Safety Helmet



Tape measure

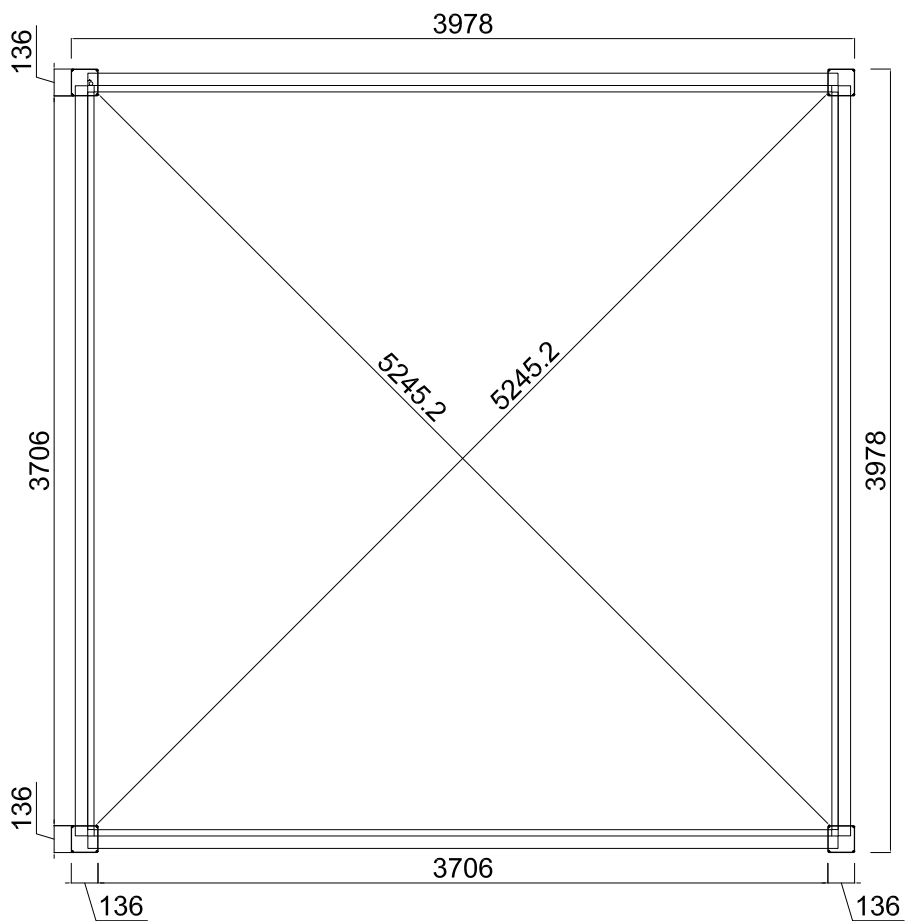
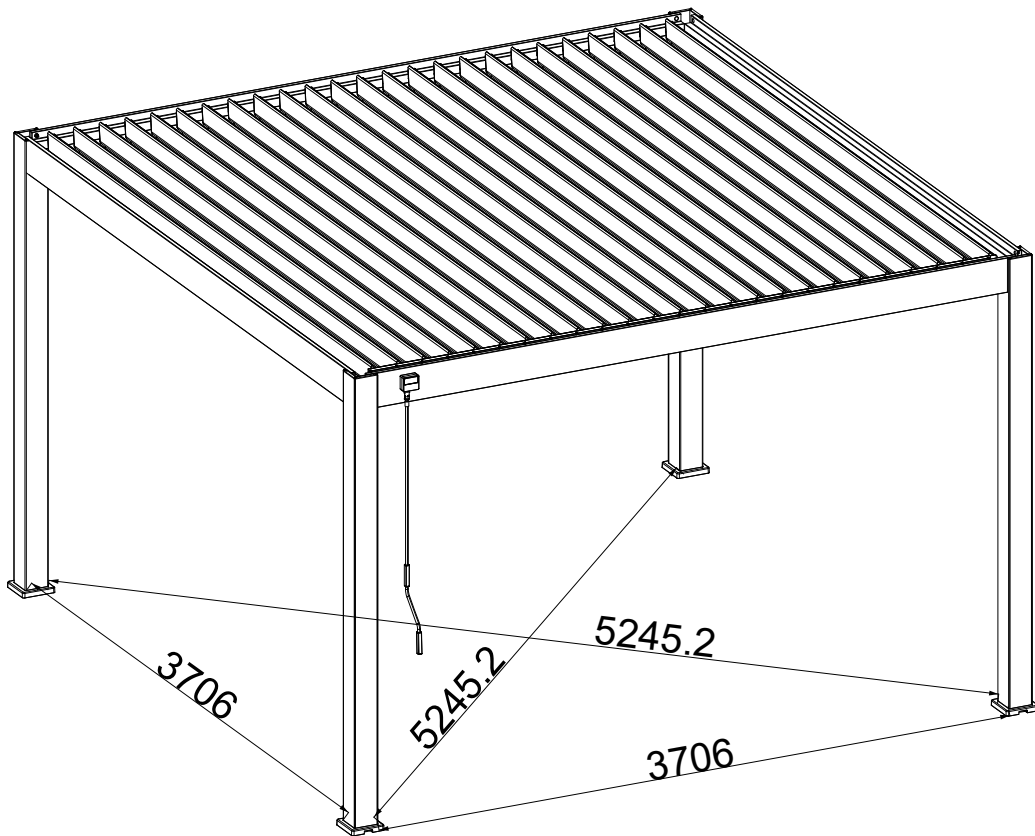
7. CONTACT

We gladly welcome feedback and suggestions from our clients in order to help us improve our services by email: contact@pergola-ombrea.com

We would be grateful to receive pictures of your installation.

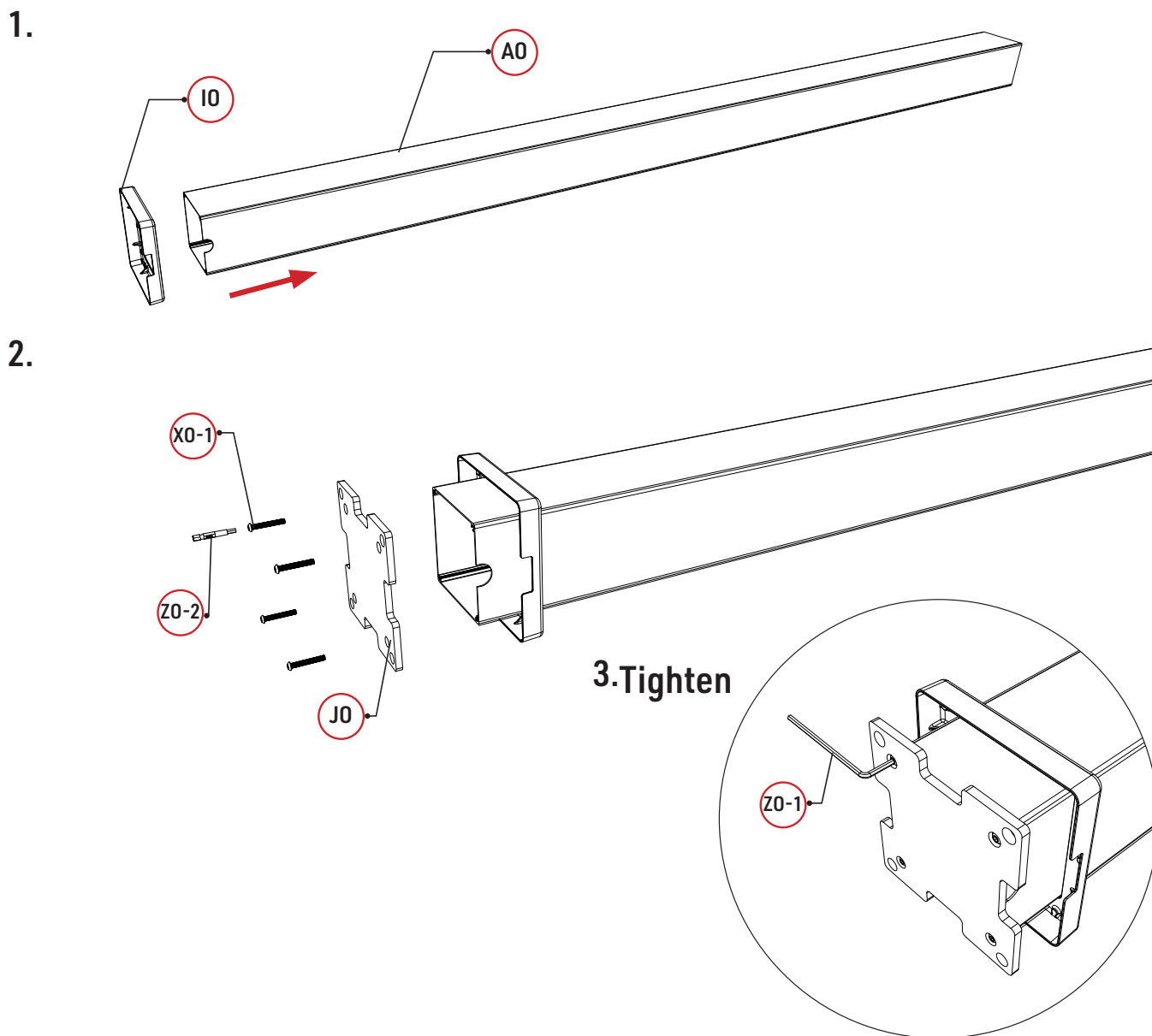
We would like to thank you for your purchase and wish you happy days under your new brand Ombrea pergola !

8. FOOTING MEASUREMENT (dimensions in mm)



9. ASSEMBLY GUIDELINES

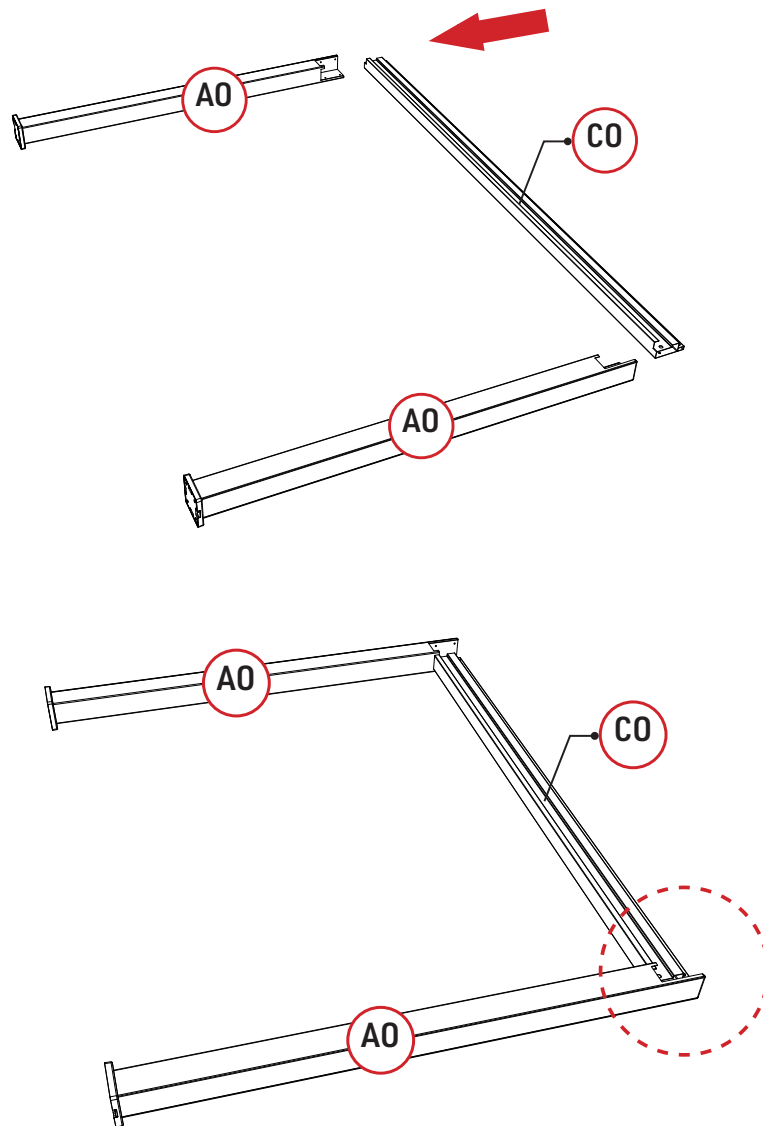
To prevent any damage to your pergola, we recommend to place the parts either on a table, trestles or a smooth and clean surface.



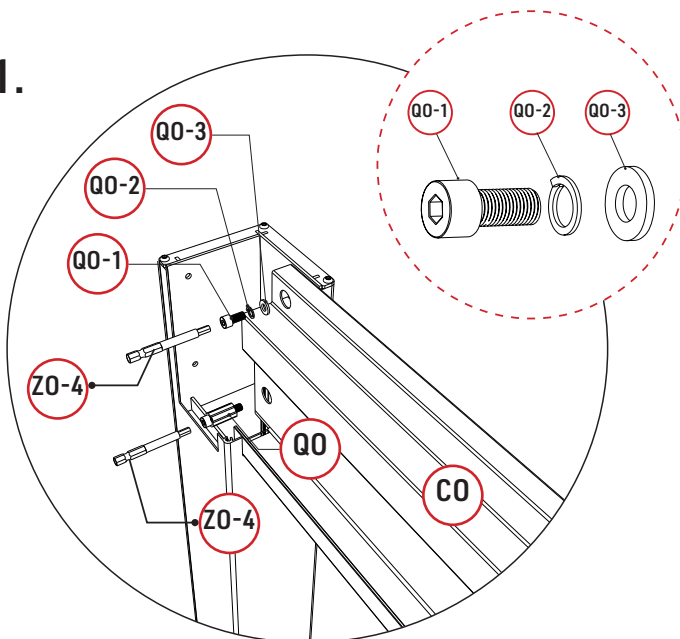
Insert and slide the post skirts **IO** onto the posts **AO**. The opening of this part should stay on the same side as the crescent opening located on the bottom of the post.

Fasten the post base plate **JO** with the bolt **XO-1** by using an electric screwdriver.

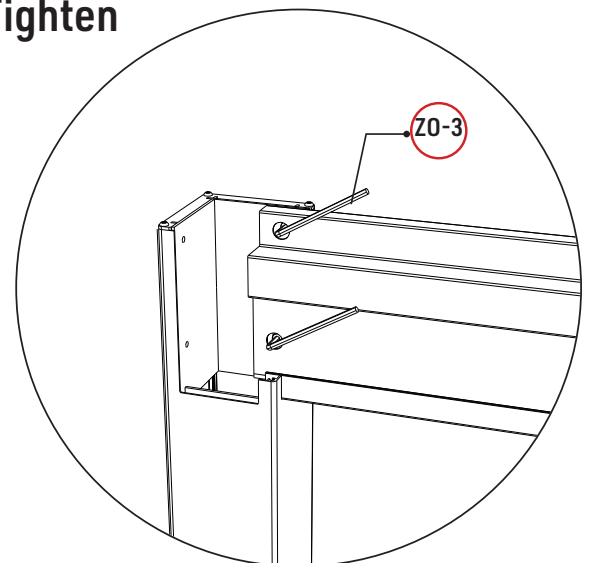
Place and fasten the beam **CO** on the posts **AO**, with the beam fixing screw **QO** **QO-1**, **QO-2**, **QO-3** by each corner using an electric screwdriver and hex bit **ZO-4** or Allen key **ZO-3**.



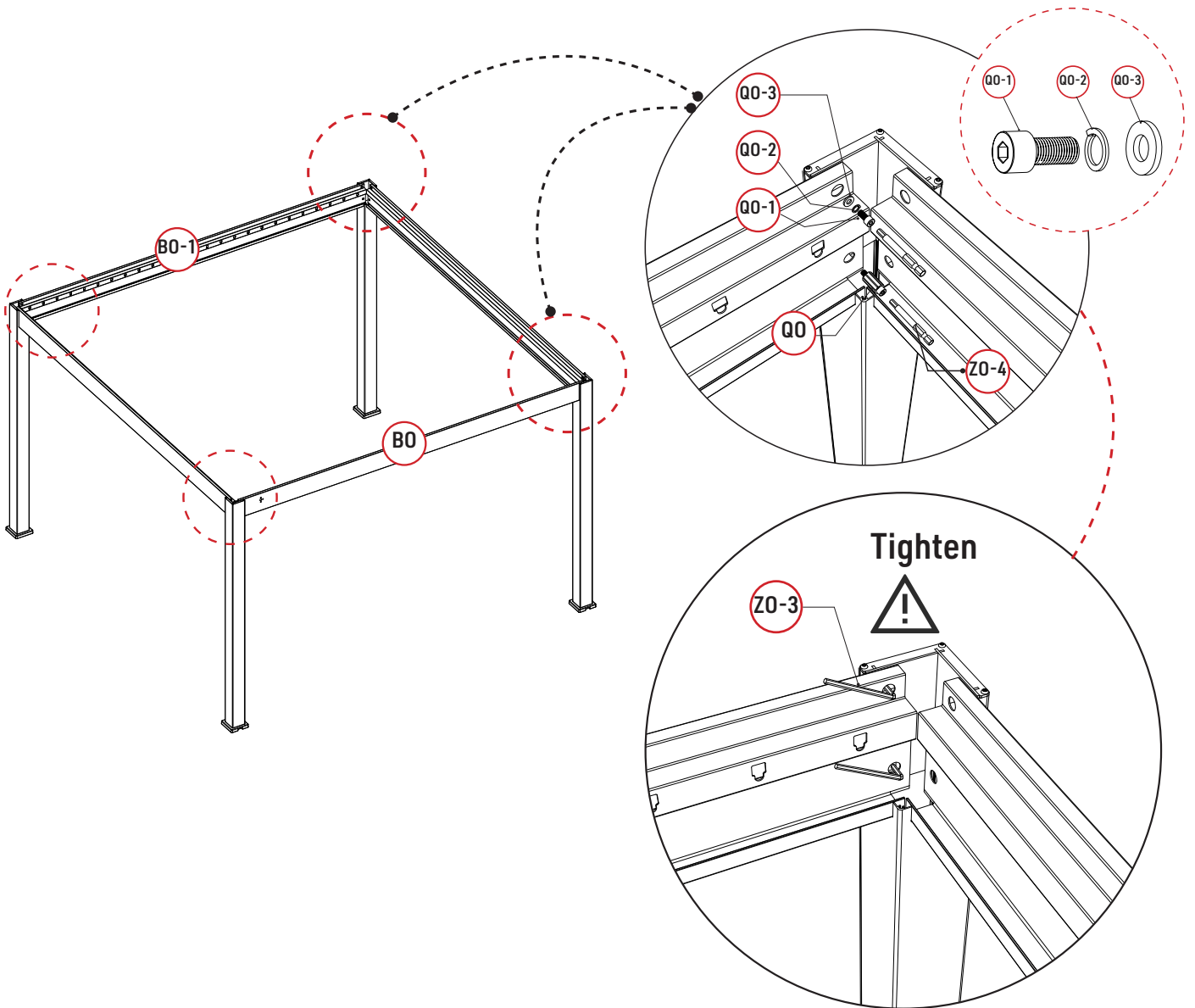
1.



2. Tighten

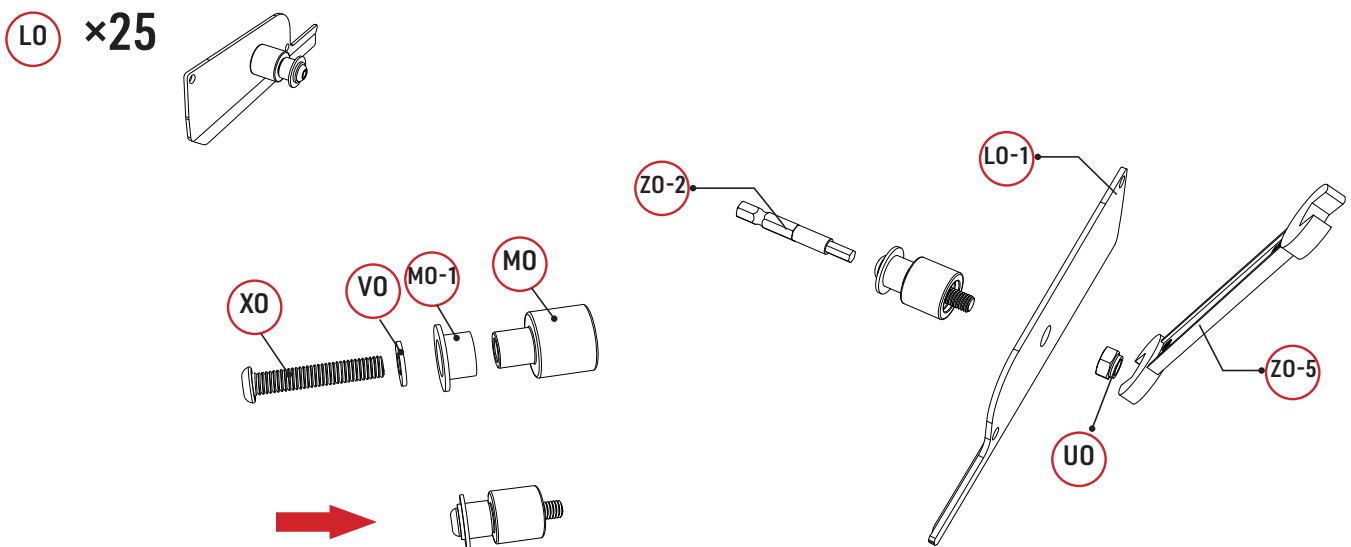
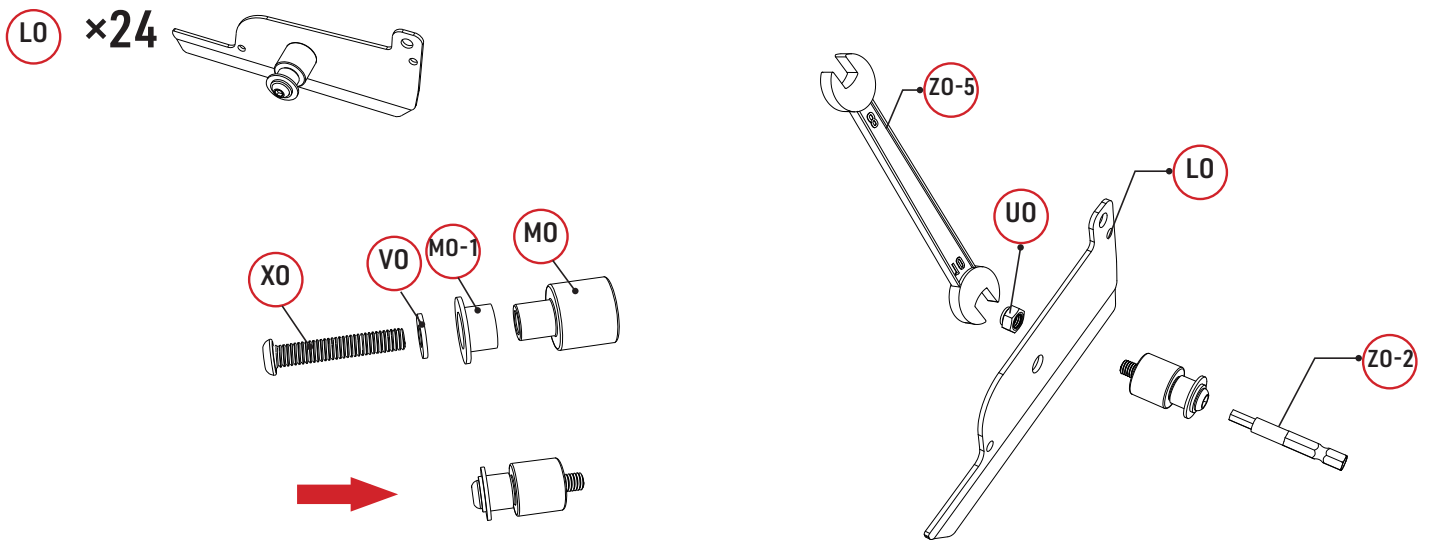


Repeat the operation with the beam **BO** and **BO-1** and the remaining posts **AO**.

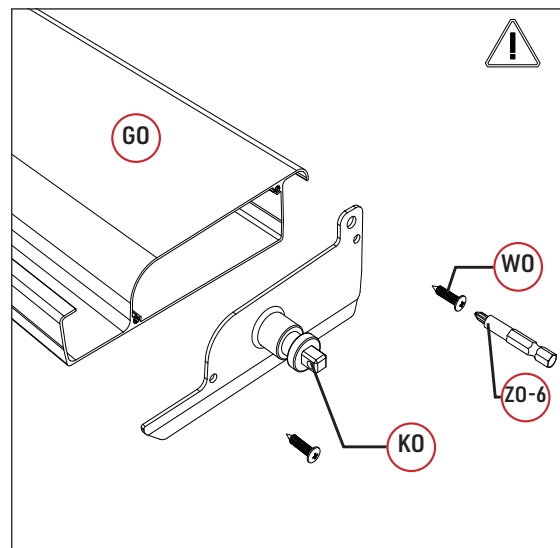
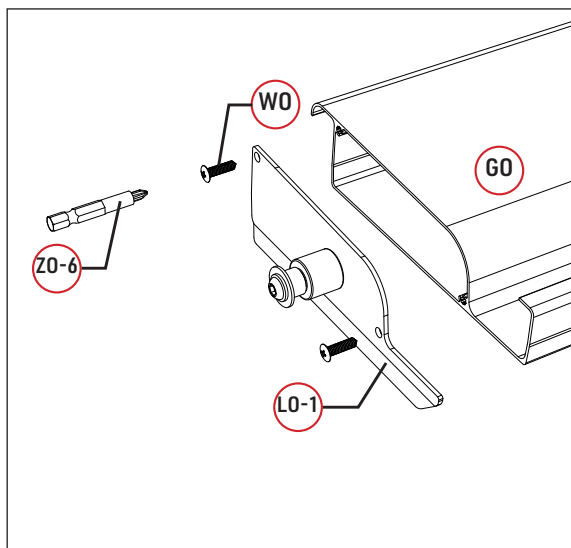
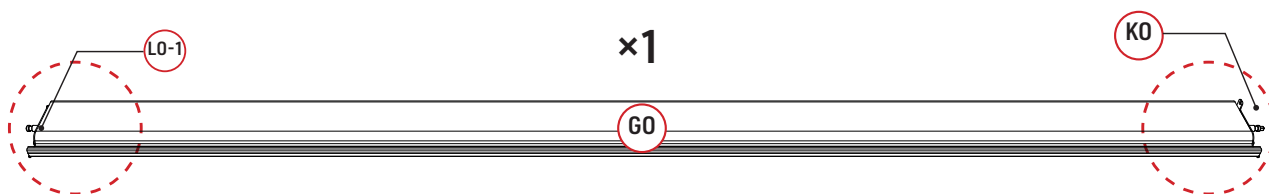


Build the pin composed of the parts **XO,VO,MO,MO-1** and **UO** onto the end caps **LO** and **LO-1**. Make sure the pins are installed in the right direction as shown. Please, note that the direction is different for the parts **LO** and **LO-1**.

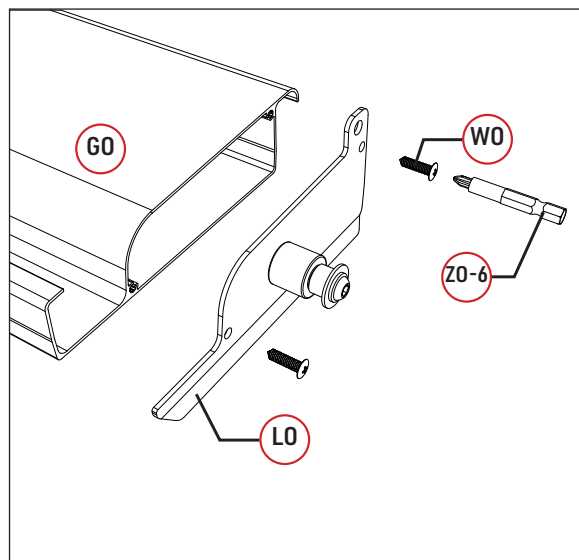
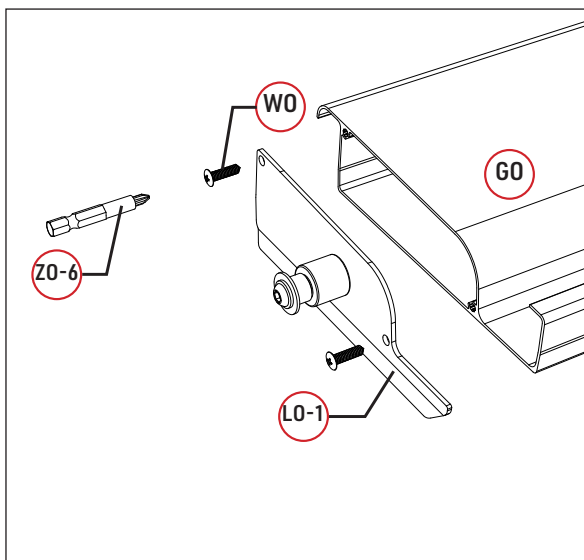
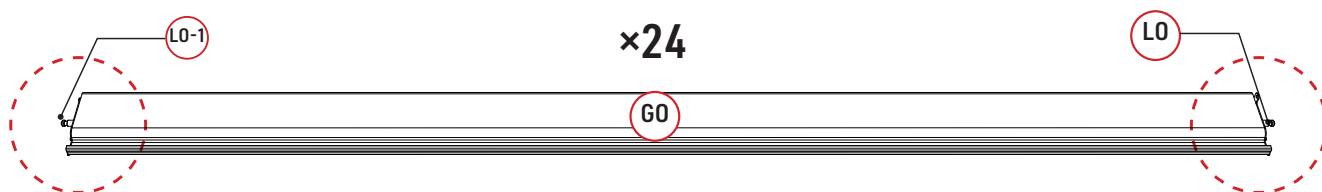
Use an electric screwdriver with the hex bit **ZO-2** to insert the bolt **XO** onto the nut **UO** for more convenience. To avoid any injury and to make it easier, we recommend you to secure the nut with the wrench **ZO-5** during this operation.



Place the main louver **GO** into the right direction as shown, then fasten the main end cap **KO** onto the right side of the louver and **LO-1** onto the left side, with the screws **WO** using a screwdriver and the T20 **ZO-6**.

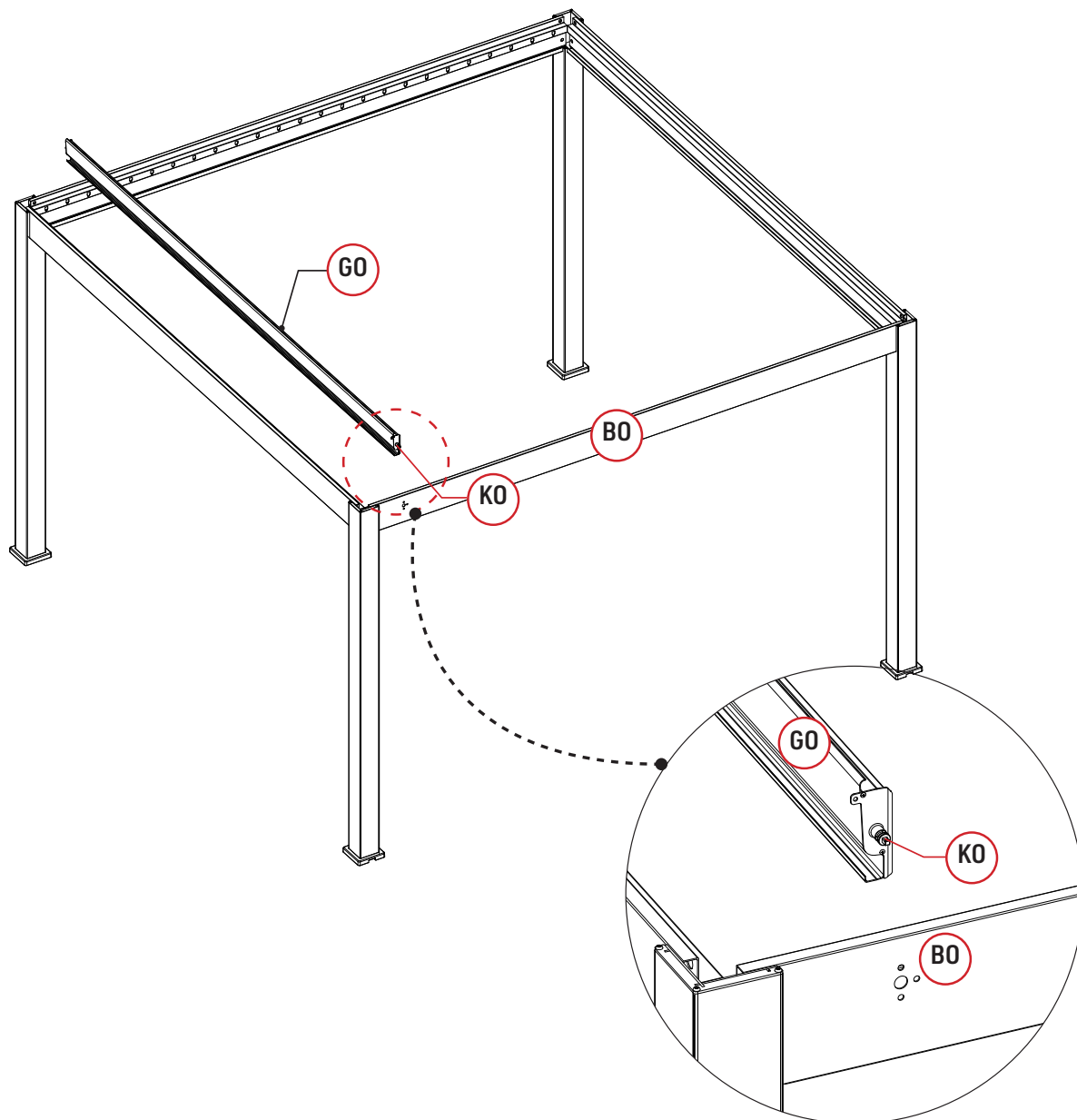


Repeat the same operation with all louvers **GO** by fastening the end-caps **LO-1** on the left and the **LO** on the right.

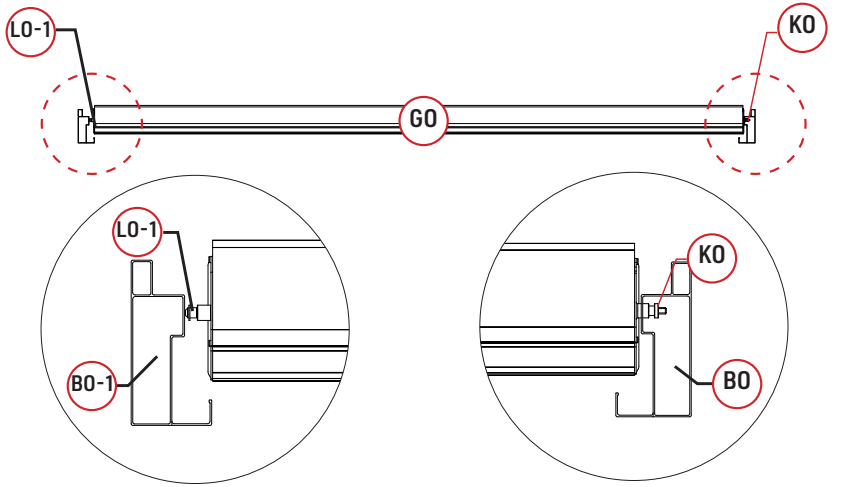
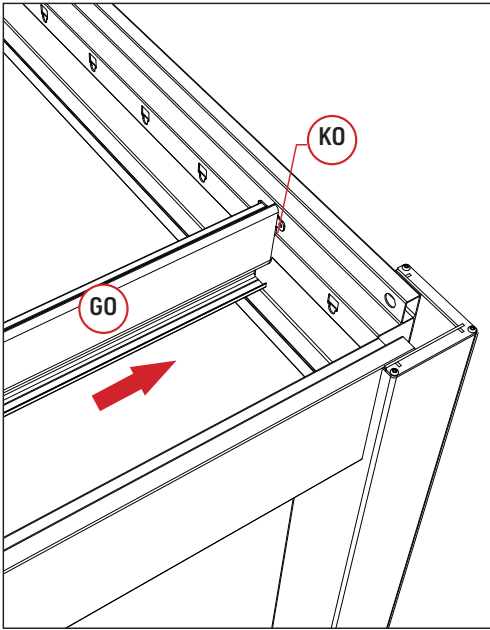


Combine and fasten the first part of the box **OO** with the Gearbox **NO** onto the beam **BO-1** with the bolts **YO**, using the Allen key **ZO-3** or a screwdriver and the hex bit **ZO-4**.

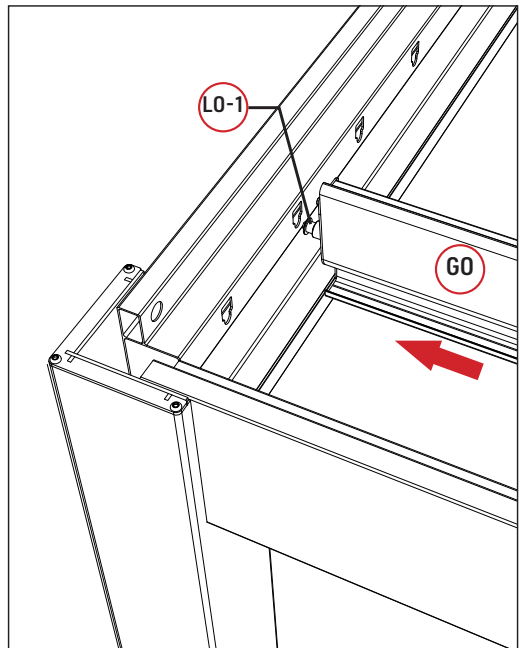
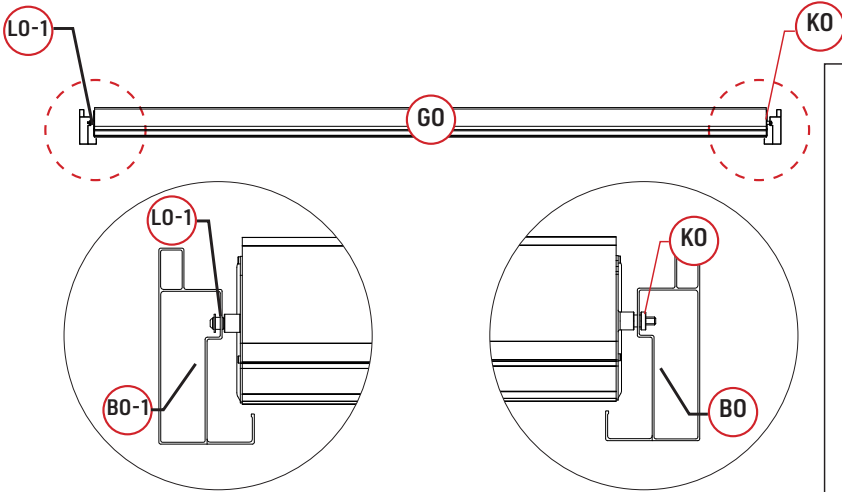
Then, place and insert the main louver at the 2nd position provided for this purpose, starting from the box side to built the roof.



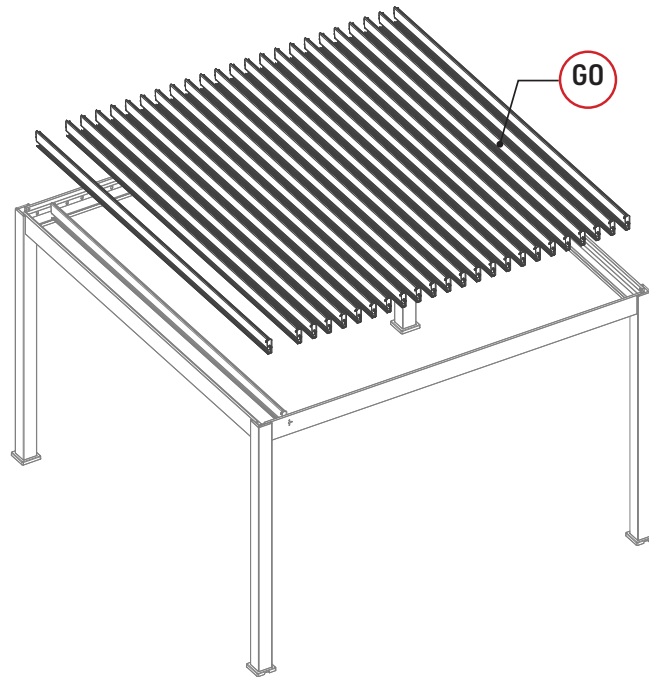
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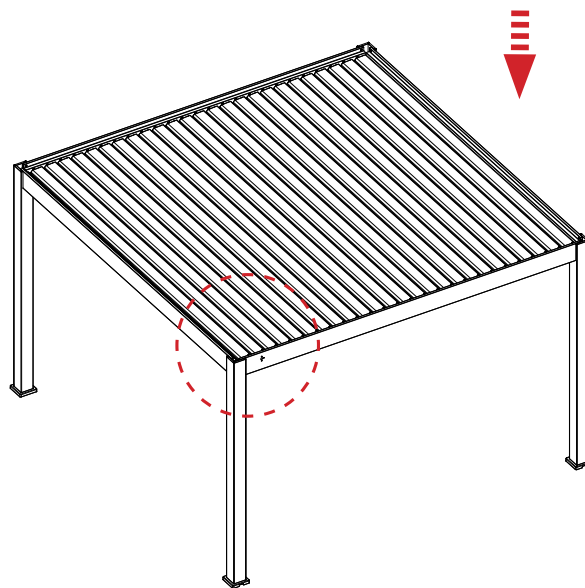
2



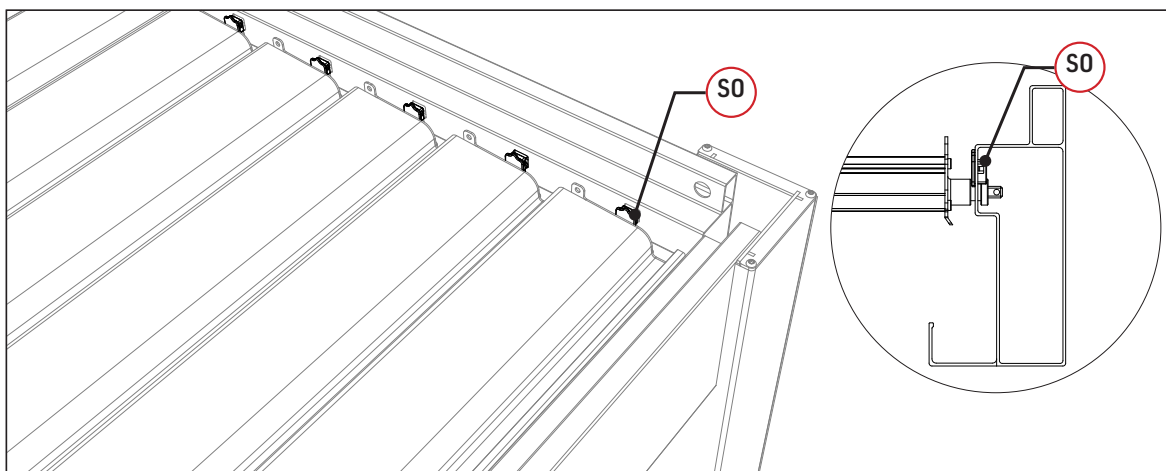
Place the louver in a vertical position, in the right direction as shown to place and insert the remaining louvers one after one.
Then, insert the half-moon plastic cap **S0** as shown in the drawing. The half-moon opening should stay at the bottom of the cap.



1

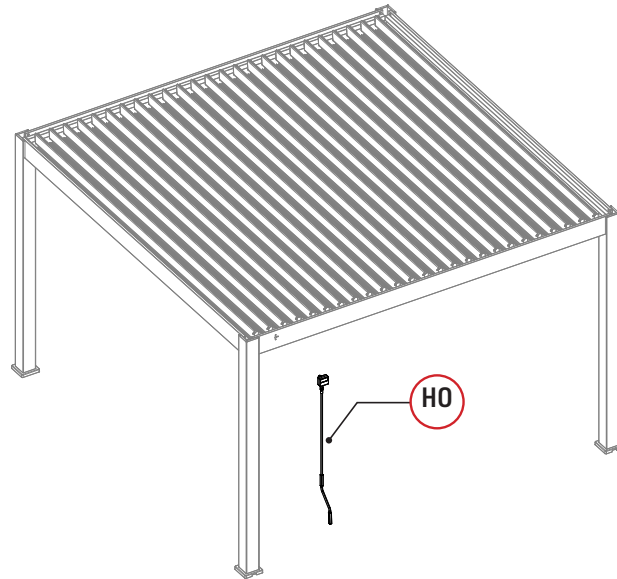


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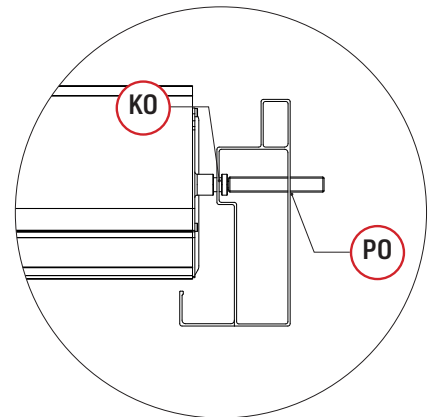
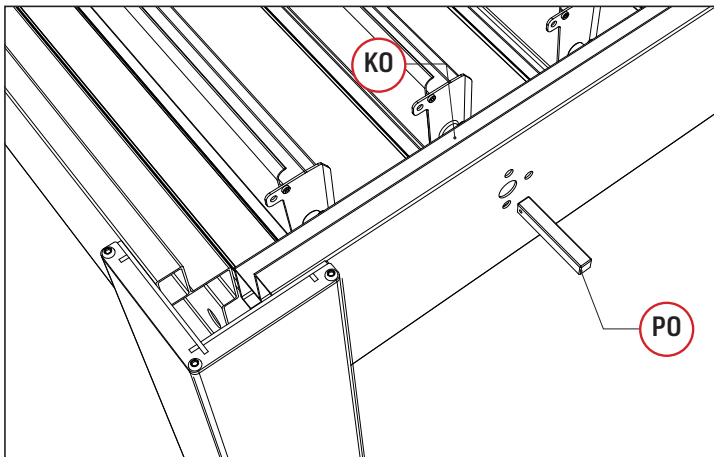


Insert the cylinder **PO** through the beam as shown in the drawing, then push the part until the connection with the pin from the main louver **KO**.

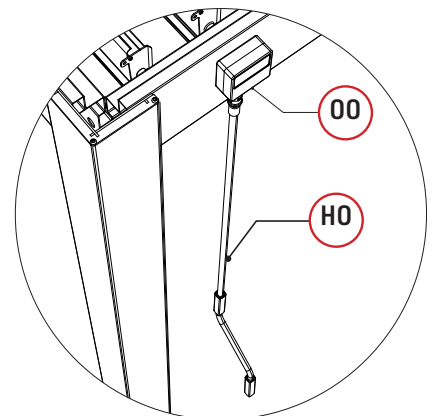
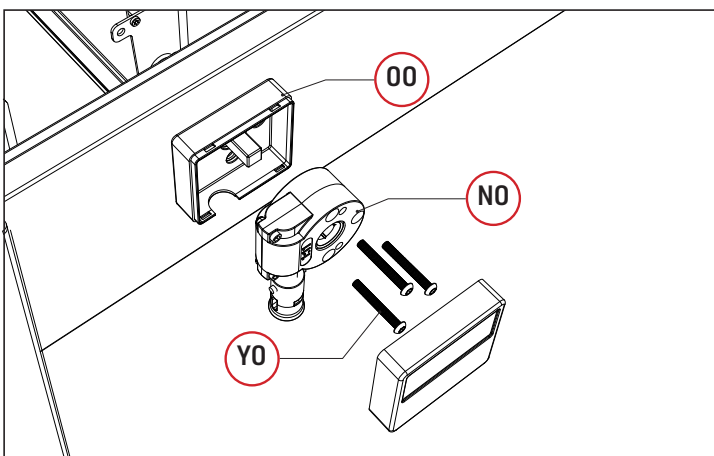
Combine and faster the first part of the box **OO** with the Gearbox **NO** onto the beam **BO-1** with the bolts **YO**, using the Allen key **ZO-3** or a screwdriver and the hex bit **ZO-4**.



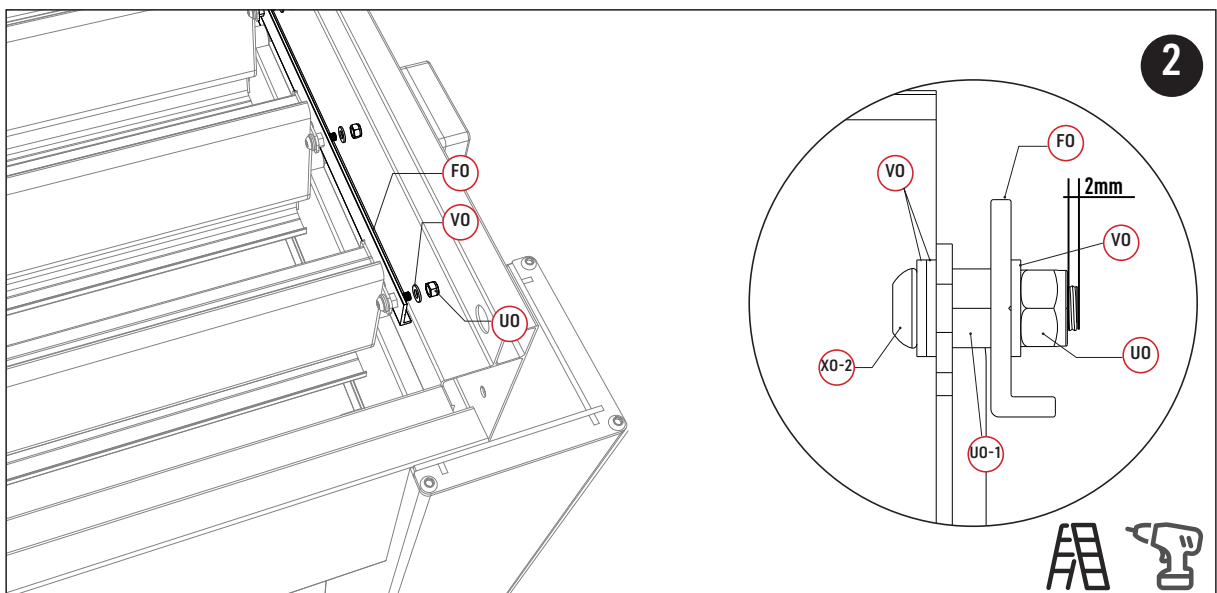
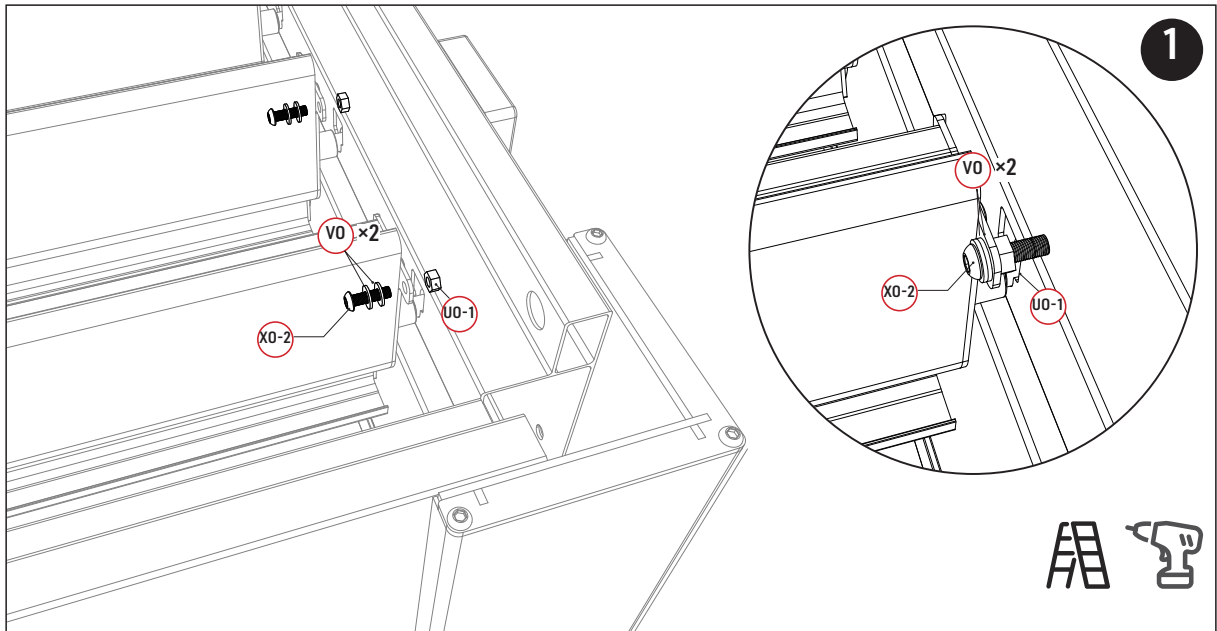
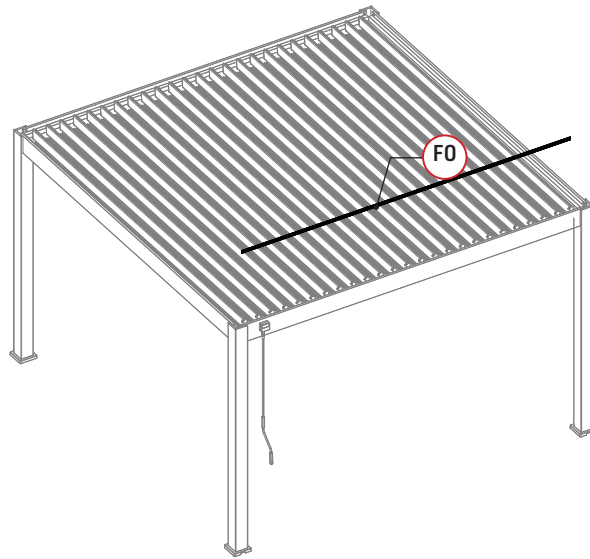
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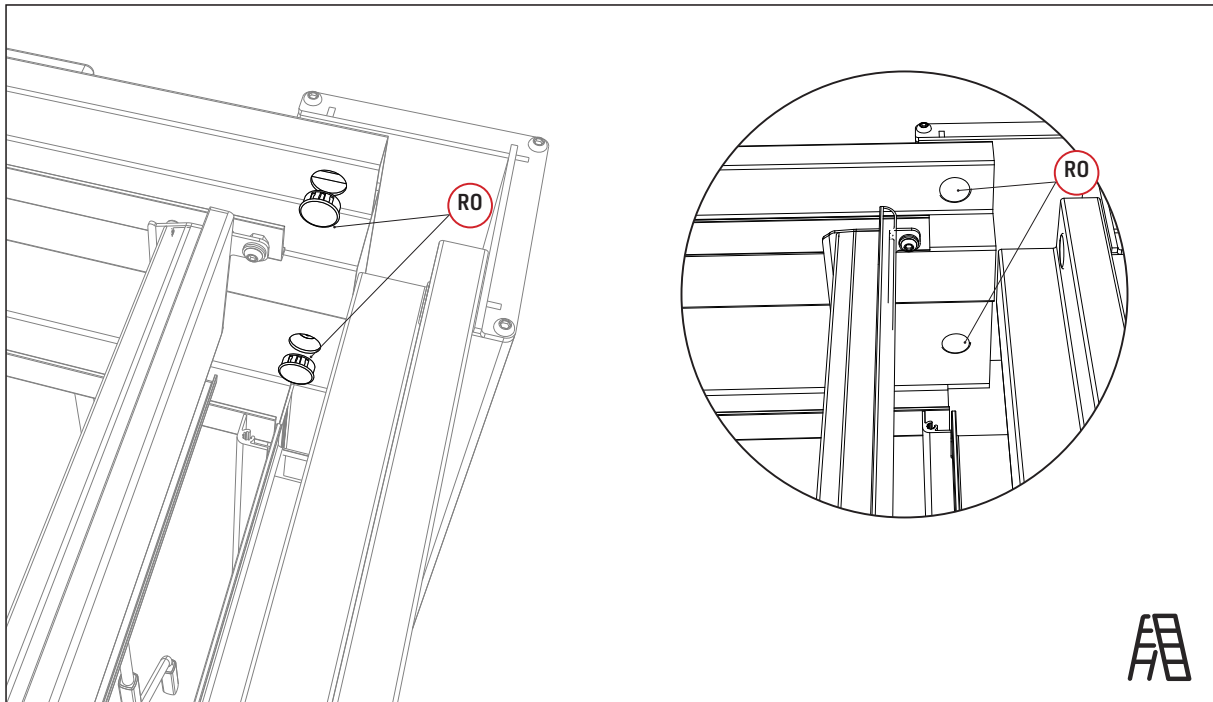


Fasten the screws and bolts **XO-2**, **VO** and **UO-1** into each louver end cap, as shown in the drawing.

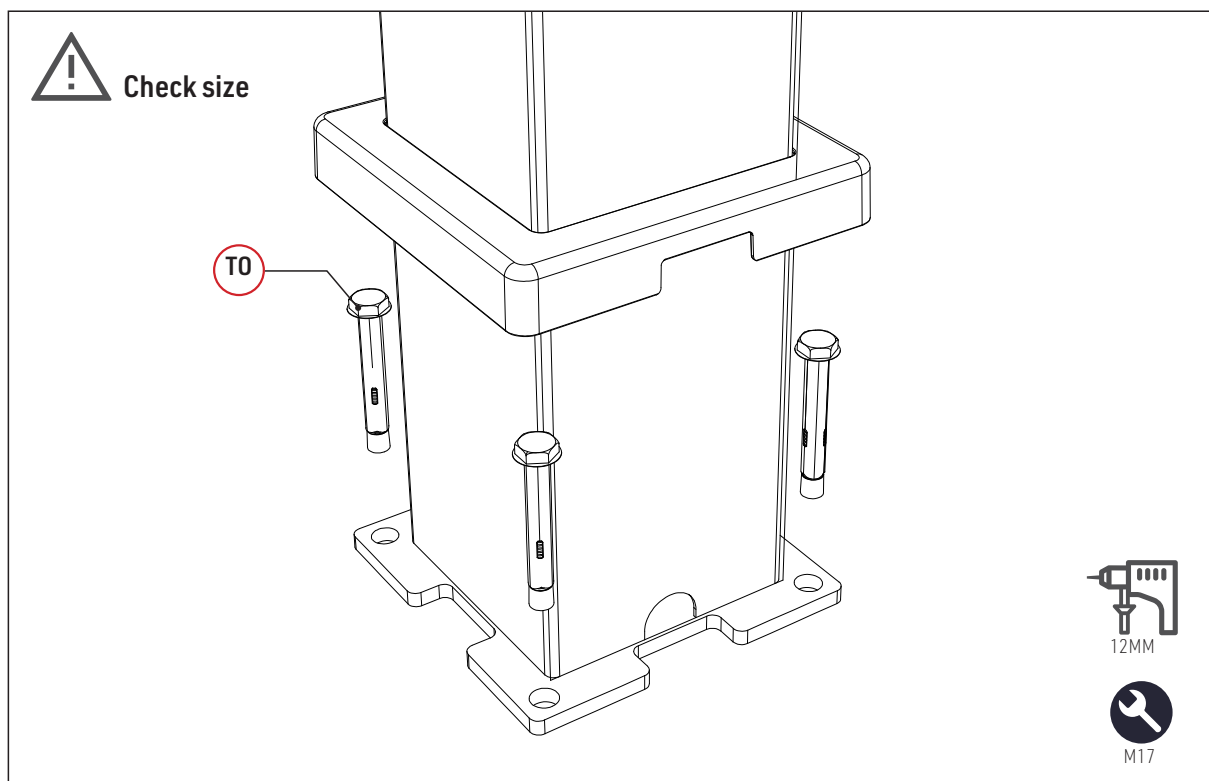


Insert the button cover **RO** on the corner of the frame as shown in the drawing.

1



2



End by anchoring the pergola on a hard and flat concrete floor with the concrete expansion anchor bolts **TO**, using an electric drill and the 12mm Drill bit (not supplied).

Pérgola Bioclimática Autoportante 4x4M

Antracita : 15-728486 / Blanco : 15-728547 / Antracita y Blanco : 15-728608

Le aconsejamos conservar estas instrucciones para consultas futuras.

Le rogamos leer atentamente estas instrucciones antes de empezar el montaje.

El cliente será responsable de cualquier daño o lesión ocasionada por un uso inadecuado del producto.

1. PRECAUCIONES DE SEGURIDAD

Este producto no debe usarse en condiciones climáticas severas: tormenta, viento fuerte, granizo, nieve. Garantizamos la resistencia de la pérgola para soportar vientos hasta 100 km/h y un peso máximo de nieve de 50 kg / m².

En caso de viento o nieve violento, se recomienda dejar las lamas en posición abierta. Si se olvida, habrá que quitar la nieve de la pérgola para evitar una sobrecarga significativa en las lamas.

Nuestra pérgola puede soportar lluvias fuertes, no obstante, no podemos asegurar una impermeabilidad al 100%.

En caso de fenómenos meteorológicos excepcionales, su estanqueidad puede verse comprometida. No guarde enseres que temen la humedad debajo de la pérgola. No se sube al tejado ni a la estructura de la pérgola.

2. MONTAJE

Dependiendo de la ubicación y la superficie, las construcciones pueden estar sujetas a una solicitud de permiso de obra. Ponerse en contacto con las autoridades locales para determinar si la instalación está autorizada.

Montaje del producto :

- Se necesitan de 2 a 3 personas.
- Mantenga a los niños lejos de la zona de montaje.
- Tenga cuidado con el riesgo de pellizcos. Llevar siempre guantes de protección.
- Nunca apriete completamente los tornillos antes de haber ensamblado la pieza en cuestión.
- Es importante seguir estas instrucciones paso a paso.

No se pueden realizar modificaciones en el producto. Los productos modificados por el cliente no están cubiertos por la garantía del fabricante.

La ubicación debe elegirse de forma adecuada. Se recomienda evitar montar su pérgola de cara a los vientos dominantes y debajo de un árbol.

La pérgola debe montarse sobre una superficie estable y nivelada, se recomienda instalarla sobre una losa de hormigón o soportes de hormigón al nivel de cada poste. Le pedimos que ancle correctamente la pérgola al suelo utilizando las piezas TO.

Si desea colocar su pérgola cerca de su casa o edificio, le pedimos que verifique la presencia de canales de desagüe.

La pérgola no podrá resistir y garantizar una estanqueidad perfecta si el agua de lluvia de su hogar fluye hacia ella.

En caso de incumplimiento de las recomendaciones de montaje, no se podrá aplicar la garantía.

3. MANTENIMIENTO

Es necesario un mantenimiento regular para asegurar la longevidad y conservar el aspecto estética inicial del producto.

Recomendamos:

- Clean your pergola once or twice a year with fresh water using a sponge or cloth.
- Do not use detergent or an abrasive material.
- Check the tightness of the screws regularly (at least once a year).
- Oil fastening regularly (at least once a year).
- Make sure that nothing hinders the water flow in the gutters (leaves, branches...).
- Remove any water that might stagnate around the legs of the pergola (lift the posts skirts).

4. GARANTÍA

Ombrea® garantiza la disponibilidad de las piezas de repuestos durante 2 ó 5 años (según el producto). La garantía solo se aplicará si el almacenamiento, montaje, uso de forma normal y mantenimiento regular se respetan.

Exclusión de la garantía:

- El desgaste normal inherente a los productos.
- Pérdida o rotura de cualquier pieza durante el desembalaje o la instalación.
- Falta de mantenimiento, negligencia, vandalismo, impactos con objetos extraños, uso de fuerza, contacto con abrasivos, estética, desmantelamiento, reconstrucción o reubicación.
- Fuerzas mayores: granizo, vientos fuertes, tormentas, nieve, inundaciones, rayos ...

La garantía se limita a la sustitución de piezas de repuestos o del producto suministrado, excluyendo todo gastos y compensaciones de cualquier tipo.

Todas las reclamaciones de garantía deben realizarse en el punto de venta (tienda o sitio web) donde se adquirió el producto.


5. LISTA DE PIEZAS (POR BULTOS)





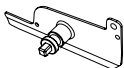

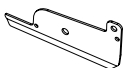

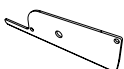





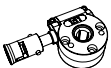

Antes de proceder al montaje de su pérgola bioclimática, revise que todas las piezas están incluidas y no dañadas.

Cualquier pieza faltante debe informarse dentro de los 10 días posteriores a la compra. Puede reclamar a través de su distribuidor o enviar una solicitud directamente en nuestra página web sav.comintes.com.


No tire el embalaje sin asegurarse de que la pérgola está funcionando correctamente.

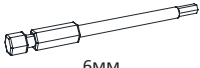
BULTO 1/5 (POSTES Y HERRAJES)


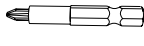
Referencias	Diagrama	Cantidad
AO	 POSTE	4

Referencias	Diagrama	Cantidad	Referencias	Diagrama	Cantidad
IO	 FALDA DE POSTE	4	OO	 CAJA	1
JO	 PLETINA DE SUJECIÓN	4	PO	 CILINDRO	1
KO	 TAPA DE LA LAMA PRINCIPAL	1	QO	 6mm TORNILLO DE FIJACIÓN DE LA VIGA	8
LO	 TAPA DE LA LAMA A	24	QO-1	 6mm SOPORTE DE ACERO	8
LO-1	 TAPA DE LA LAMA B	25	QO-2	 ANILLOS	8
MO	 PASADOR	49	QO-3	 RONDELLE	8
MO-1	 CONJUNTOS DE COBRE	49	RO	 TAPA DE ACABAMIENTO	16
NO	 CAJA DE ENGRANAJES	1	SO	 CUÑA DE MEDIA LUNA	50

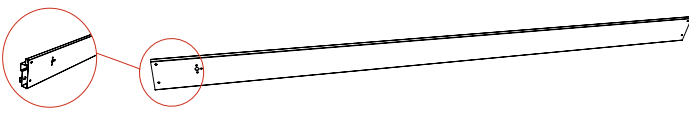
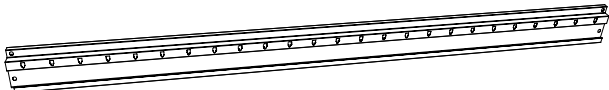
Referencias	Diagrama	Cantidad
TO	 TACO DE HORMIGÓN	12
UO	 TUERCA	74
UO-1	 TUERCA DE PLÁSTICO	25
VO	 ARANDELA	75
WO	 TORNILLOS 4X16	100

Referencias	Diagrama	Cantidad
XO	 PERNO 6X40	49
XO-1	 PERNO 6X35	16
XO-2	 PERNO 6X20	25
YO	 PERNO 6X45	3




Referencias	Diagrama	Cantidad
ZO-1	 LLAVE ALLEN 4MM	1
ZO-2	 PUNTA DESTORNILLADOR 4MM	1
ZO-3	 LLAVE ALLEN 6MM	1
ZO-4	 PUNTA DESTORNILLADOR 6MM	1


Referencias	Diagrama	Cantidad
ZO-5	 LLAVE PLANA 10MM	1
ZO-6	 PUNTA DESTORNILLADOR PH2	1

BULTO 2/5(VIGAS)

Referencias	Diagrama	Cantidad
BO	 VIGA PRINCIPAL	1
BO-1	 VIGA TRASERA	1

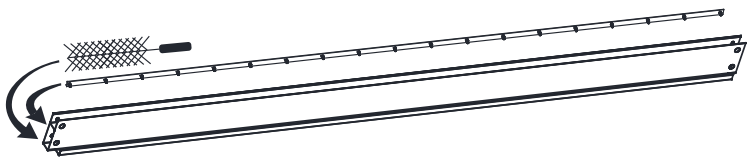
BULTO 2/5(VIGAS)

Referencias	Diagrama	Cantidad
CO	 <p>VIGA LATERAL</p>	2
FO	 <p>BARRA DE CONEXIÓN</p>	1
HO	 <p>MANIVELA</p>	1




ATTENTION!


Connecting Bar(FO) & Brush Inside!



BULTO 3/5 ET 4/5 (LAMAS)

Referencias	Diagrama	Cantidad
GO	 <p>LAMA</p>	9

BULTO 5/5 (LAMAS)

Referencias	Diagrama	Cantidad
GO	 <p>LAMA</p>	7

Las piezas de aluminio son las siguientes: AO, BO, BO-1, CO, FO, GO, IO, KO, LO y LO1.

Los tornillos y demás piezas son de acero inoxidable, acero galvanizado, plástico o nailon.

Para más información, consulte las especificaciones técnicas del producto y nuestra página de preguntas frecuentes en www.pergola-ombrea.es o póngase en contacto con su distribuidor.

6. EQUIPO (NO SUMINISTRADO) NECESARIO PARA EL MONTAJE



Gafas y guantes de protección



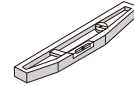
2 escaleras de tijera



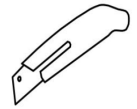
Taladro + broca para hormigón de 12 mm



Destornillador eléctrico



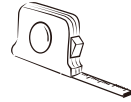
Nivel de burbuja



Cúter



Casco de seguridad



Cinta métrica

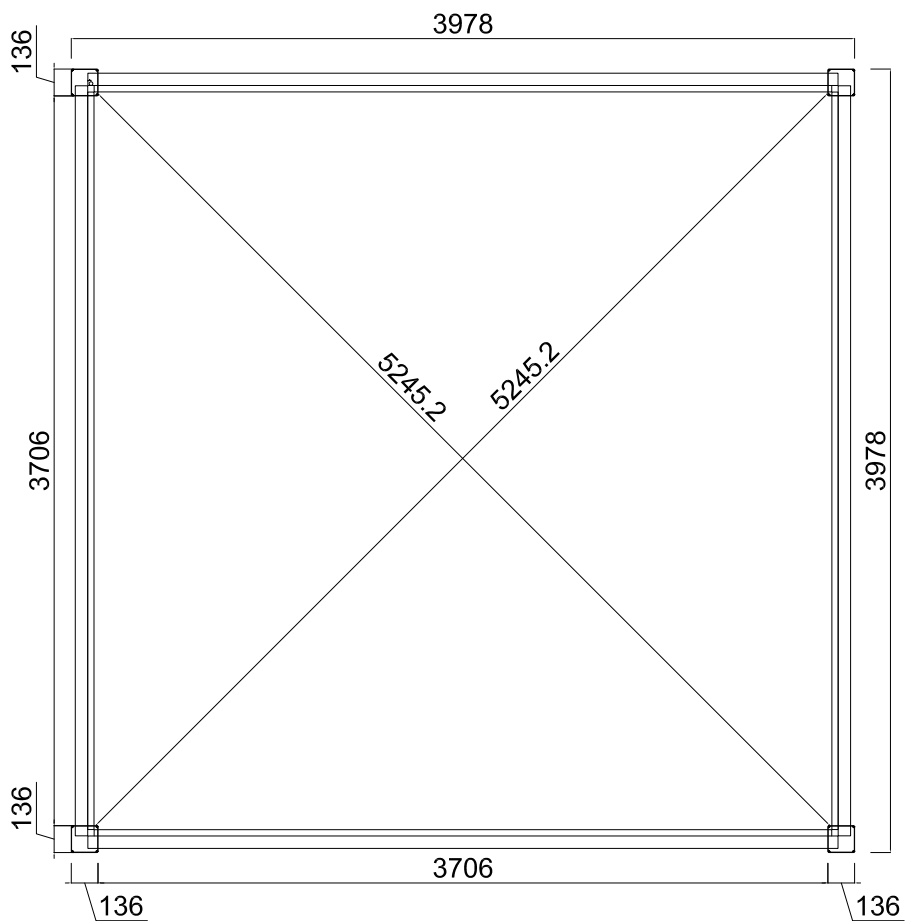
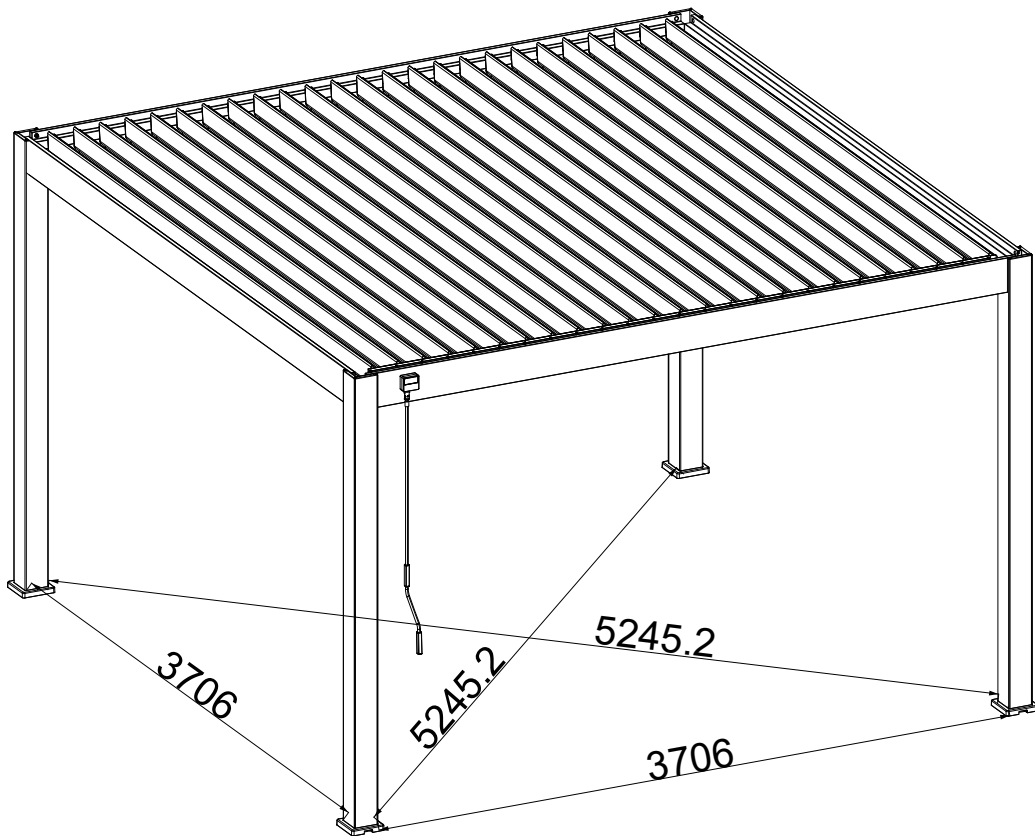
7. CONTACTO

Siempre estamos buscando formas de mejorar, así que no dudes en enviarnos tus comentarios y sugerencias a la siguiente dirección: info@pergola-ombrea.es

Estaremos encantados de recibir las bonitas fotos de tu instalación.

El equipo de Ombrea te agradece tu compra y te desea días de felicidad aprovechándote tu pérgola !

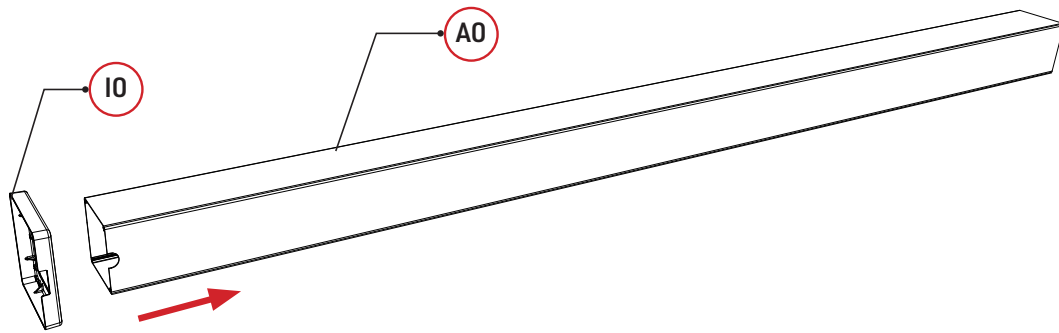
8. PLAN DEL MONTAJE (DIMENSIONES EN MM)



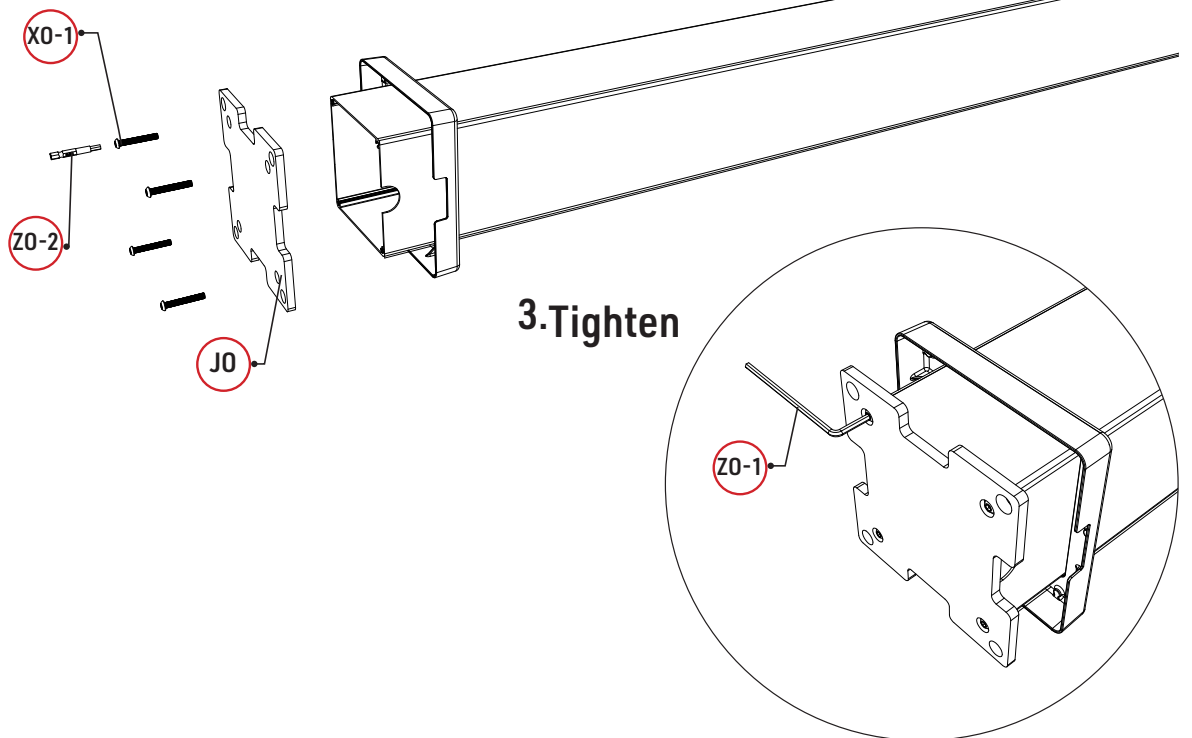
9. PASOS DE INSTALACIÓN

Para evitar daños en tu pérgola durante el proceso de montaje, te recomendamos que coloques las piezas sobre una mesa, caballetes y preparar una superficie plana y limpia.

1.



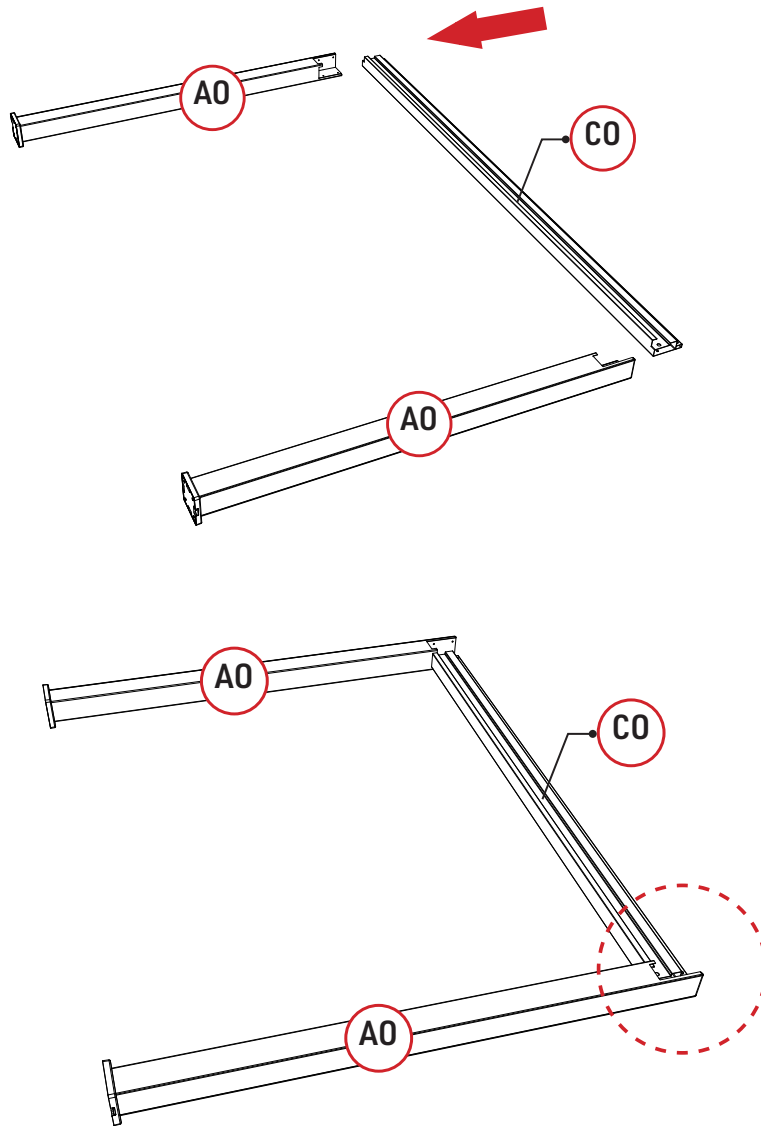
2.



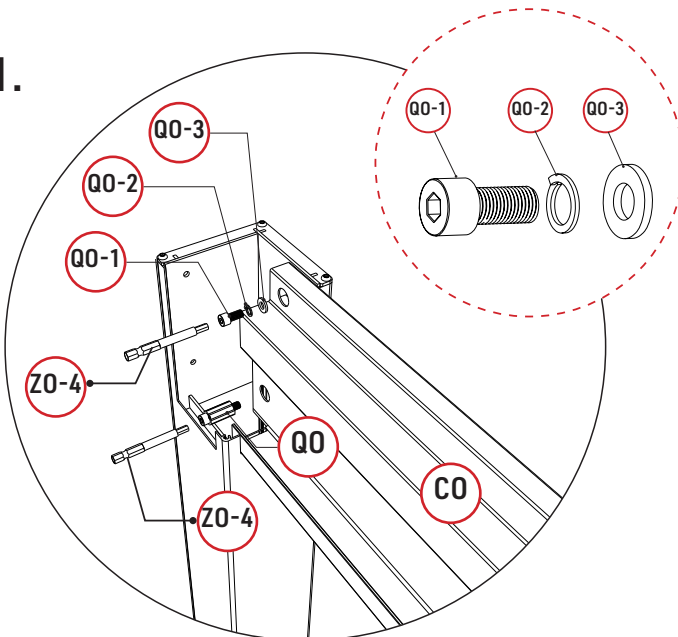
Desliza las faldas **IO** sobre los postes **AO**, colocando la abertura en la misma dirección que la abertura del poste en forma de media luna en su parte inferior.

A continuación, fija la pletina **JO** con los tornillos **XO-1** utilizando un destornillador. Aprieta ligeramente al principio, y luego a fondo una vez que todos los tornillos estén colocados.

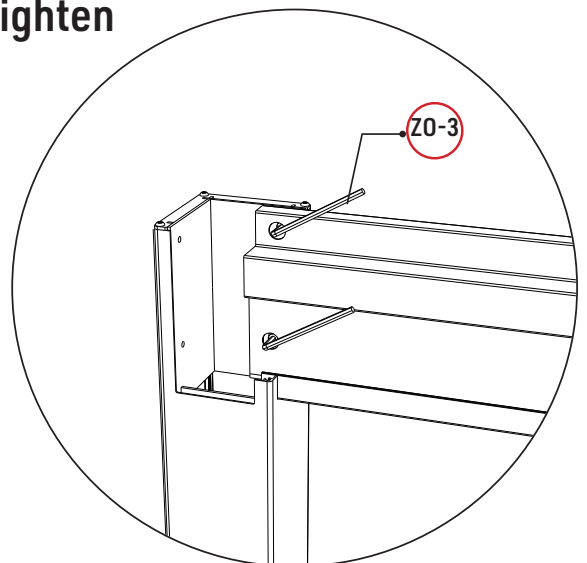
Coloca y fija la viga **CO** en los postes **AO** con los tornillos **QO-1 QO-2** de cada lado, utilizando un destornillador y la punta **ZO-4** o la llave Allen **ZO-3**.



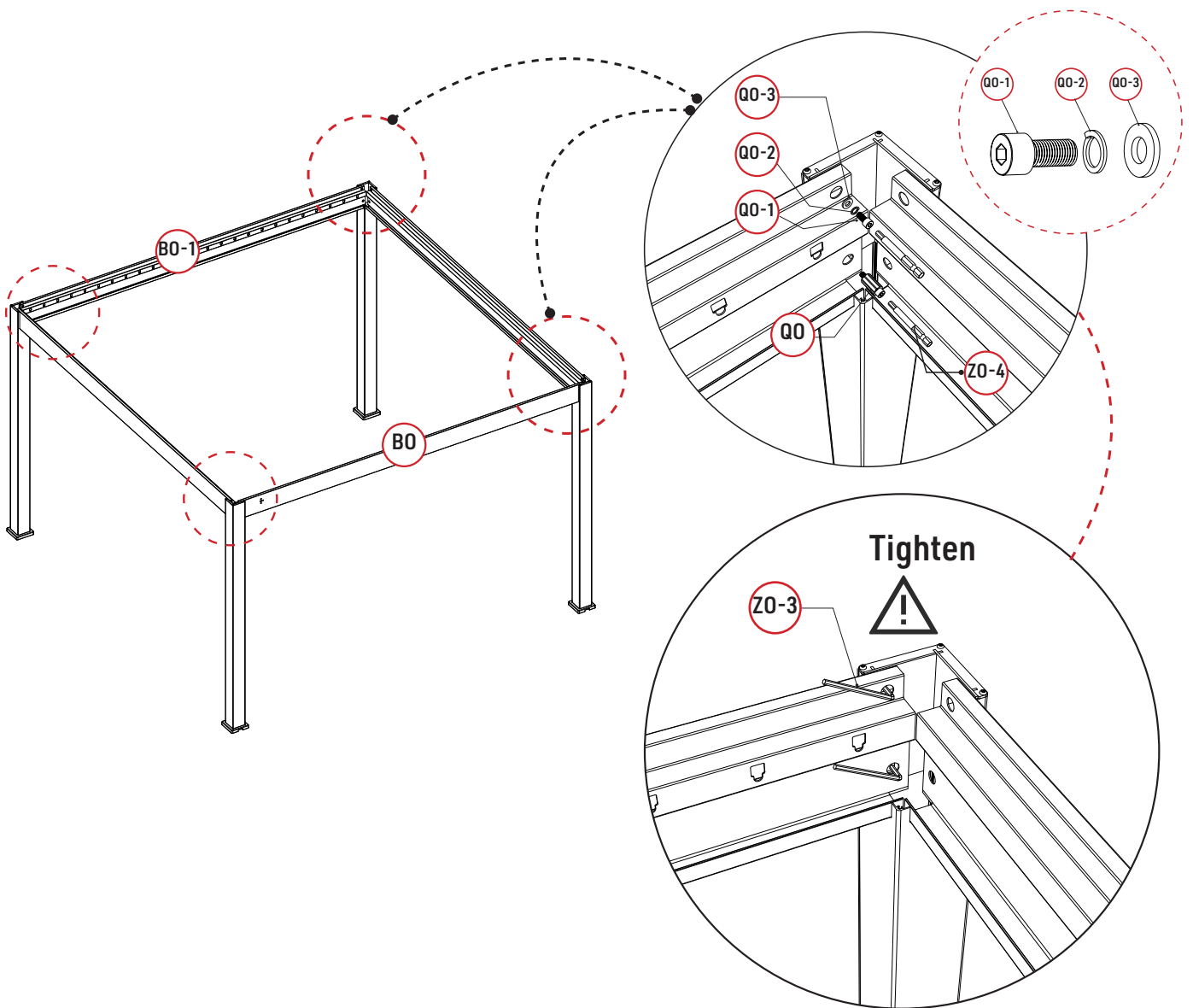
1.



2. Tighten



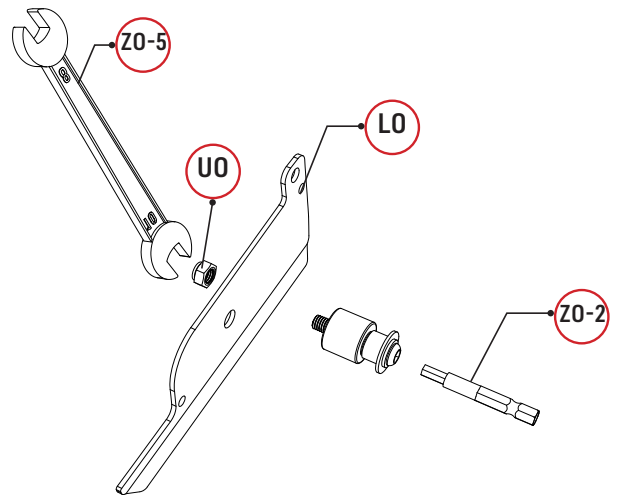
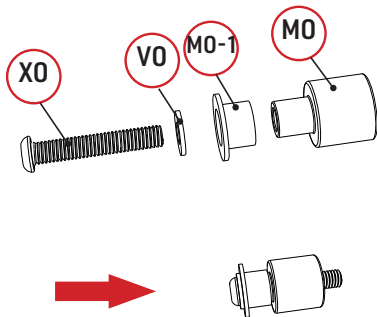
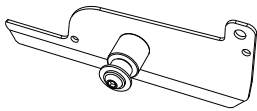
Repita la misma operación con la viga **BO,BO-1** y los postes **AO**.



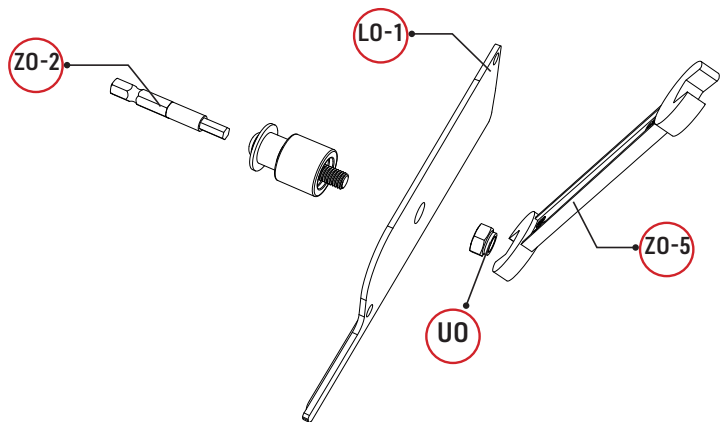
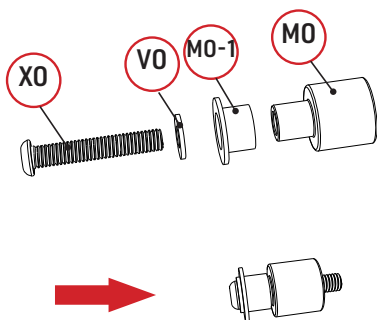
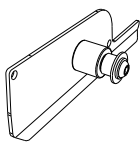
Confecciona y fija el pasador correspondiente al conjunto **XO,VO, MO,MO-1** y **UO** en las tapas de las lamas **LO** y **LO-1**. Asegúrate de que el pasador está instalado en la dirección correcta tanto para la pieza **LO** como para la **LO-1**, tal y como se muestra en el diagrama.

Utiliza un destornillador y la punta **ZO-2** para ayudar a insertar el perno **XO** en la tuerca **UO**. Para evitar lesiones y facilitar al máximo la operación, recomendamos sujetar la tuerca con la llave **ZO-5** durante la misma.

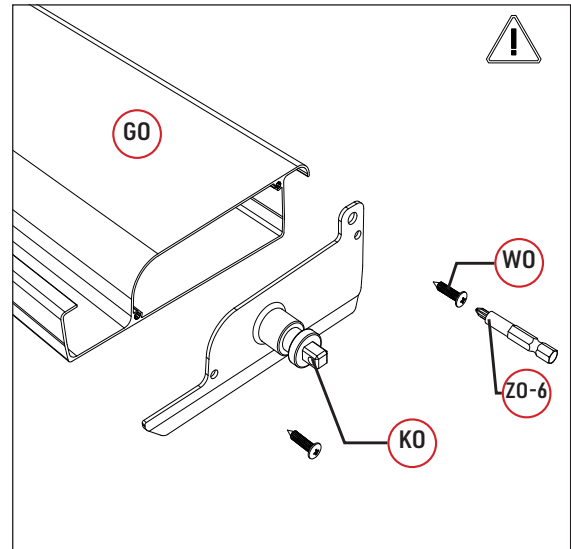
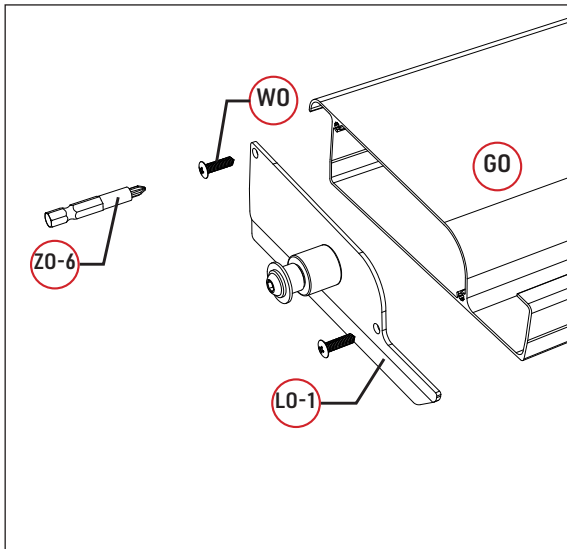
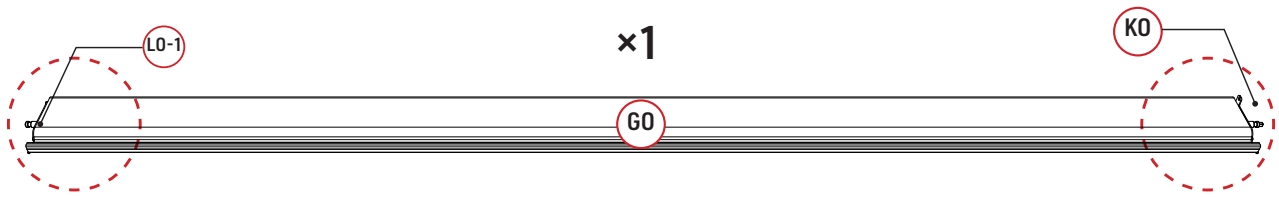
LO ×24



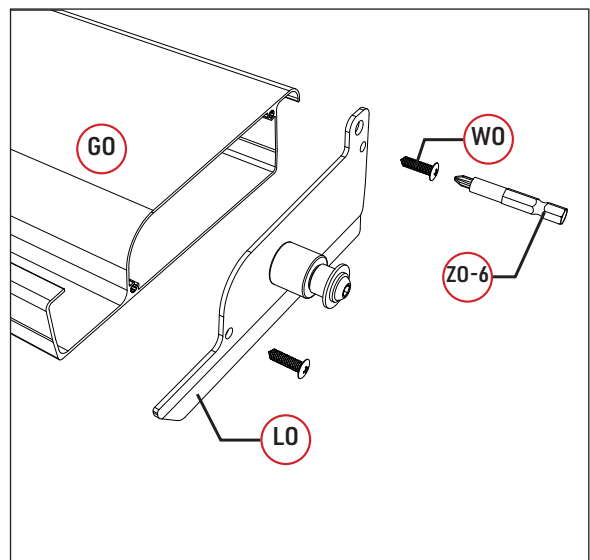
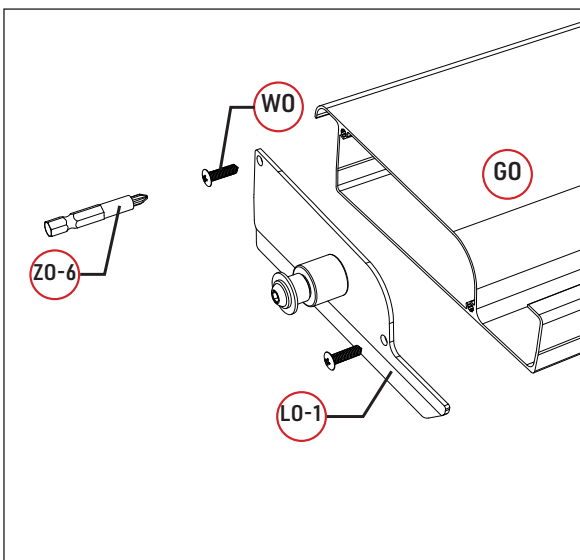
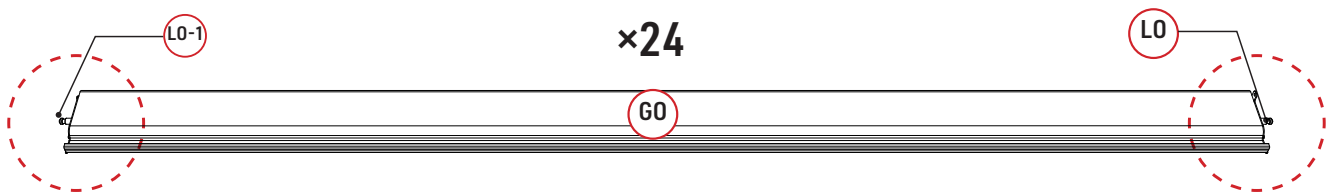
LO ×25



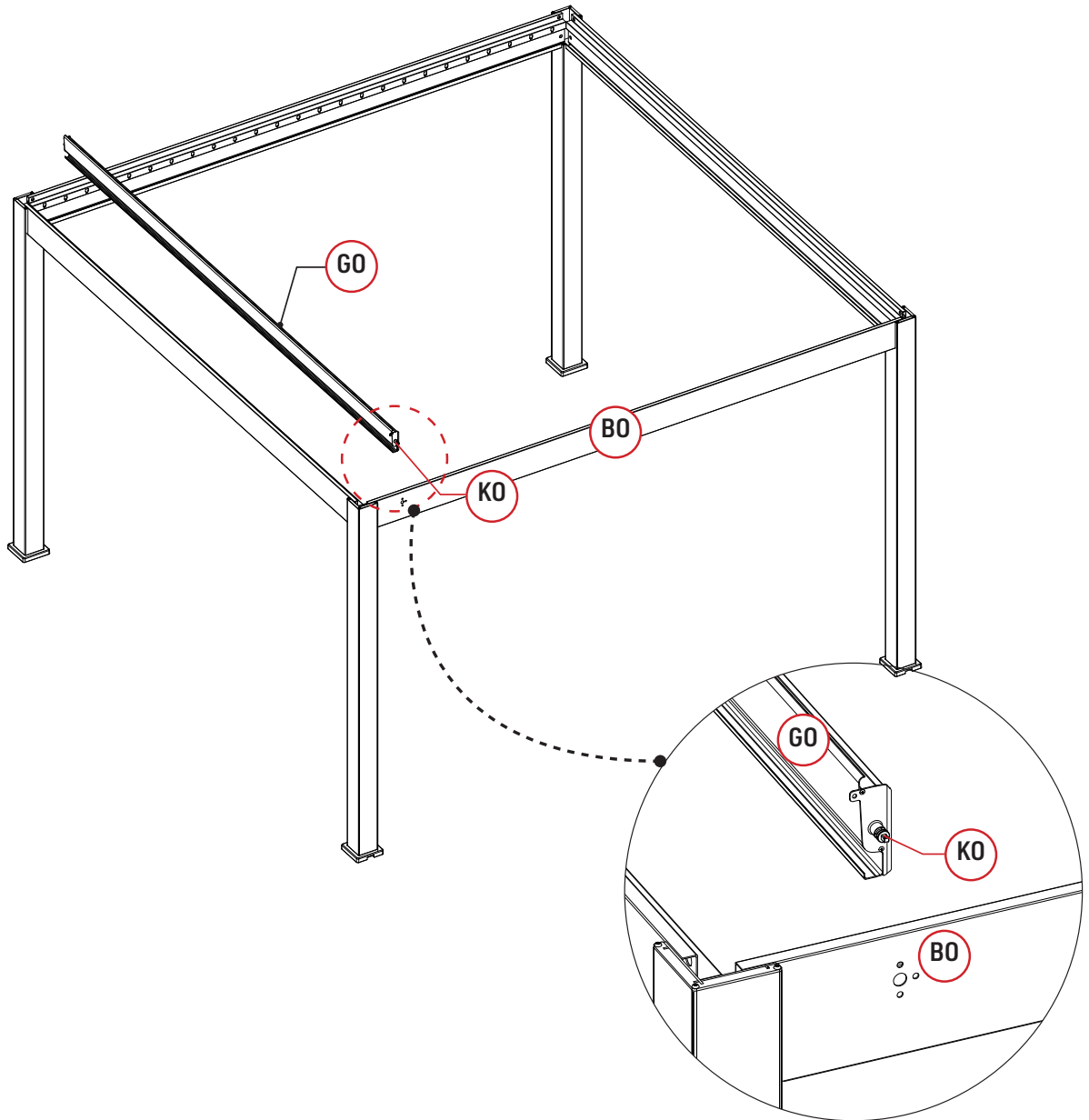
Coloca la lama principal **GO** en la dirección correcta como se muestra en el diagrama, luego fija la tapa de la lama principal **KO** a la derecha de la lama y **LO-1** a la izquierda, con los tornillos **WO** utilizando un destornillador y la punta T20 **ZO-6**.



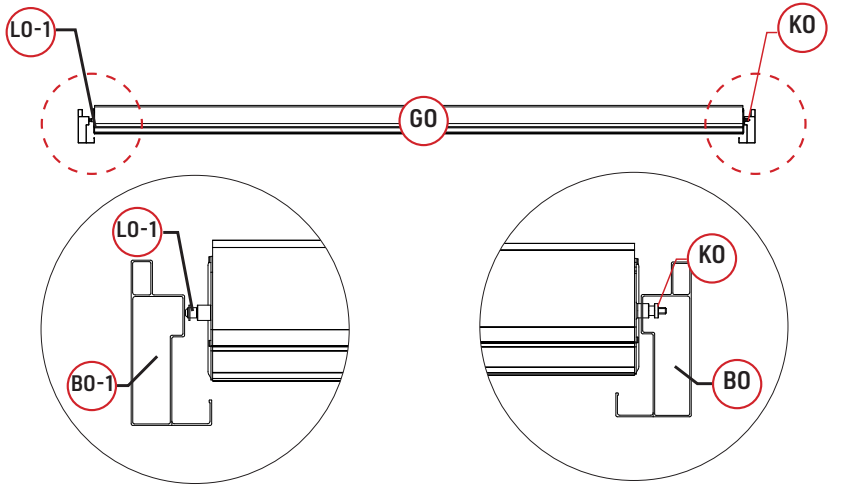
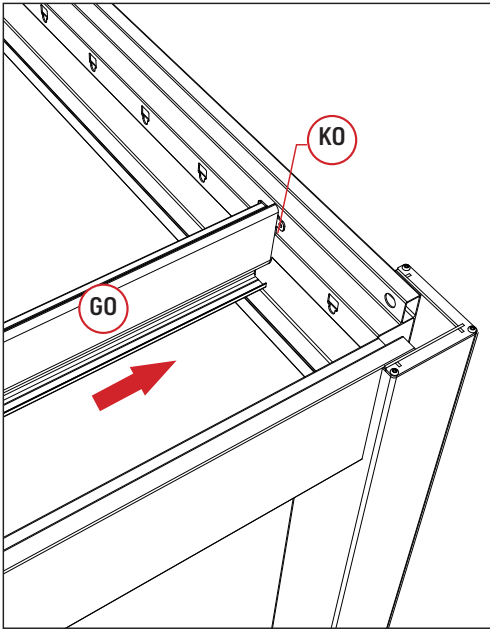
Répéter la même opération avec les autres lames **GO**, en fixant les caches-lame **LO-1** à gauche et **LO** à droite.



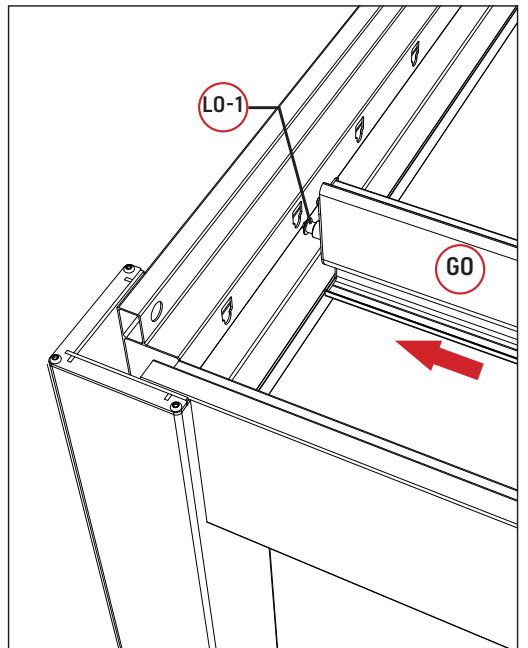
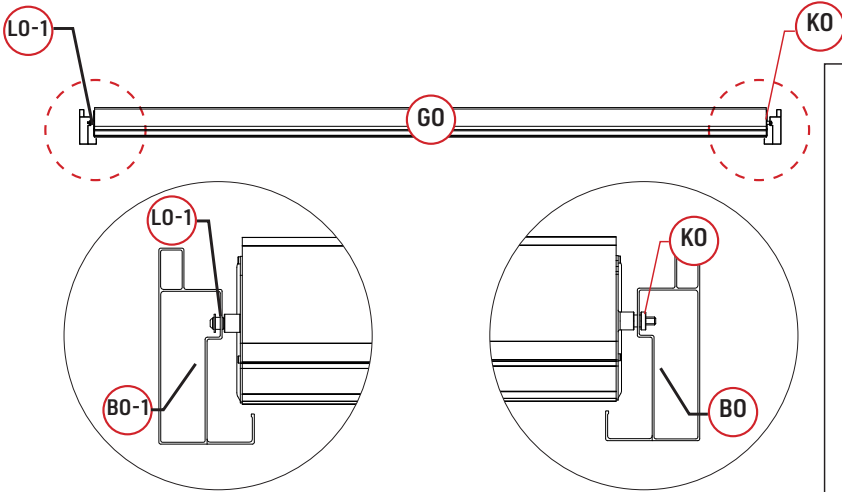
Instala la lama principal en la segunda posición del lugar previsto en la pérgola, empezando por el lado de la manivela para formar el techo.



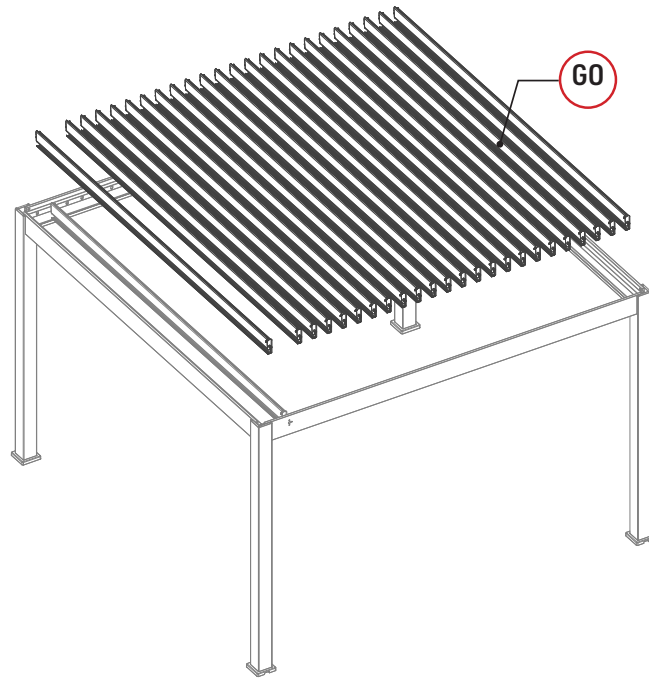
1



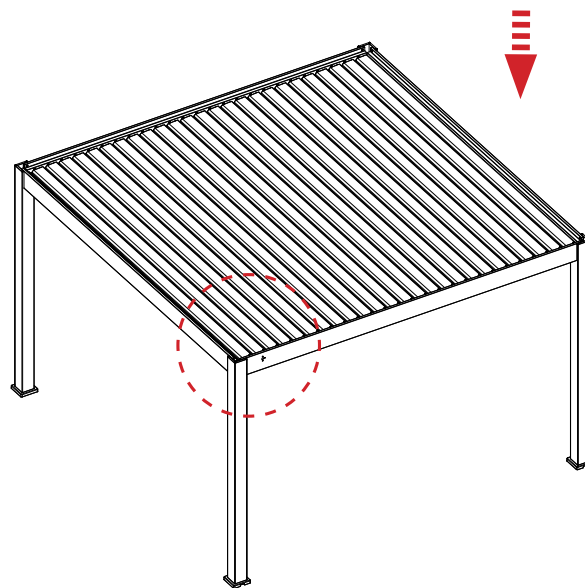
2



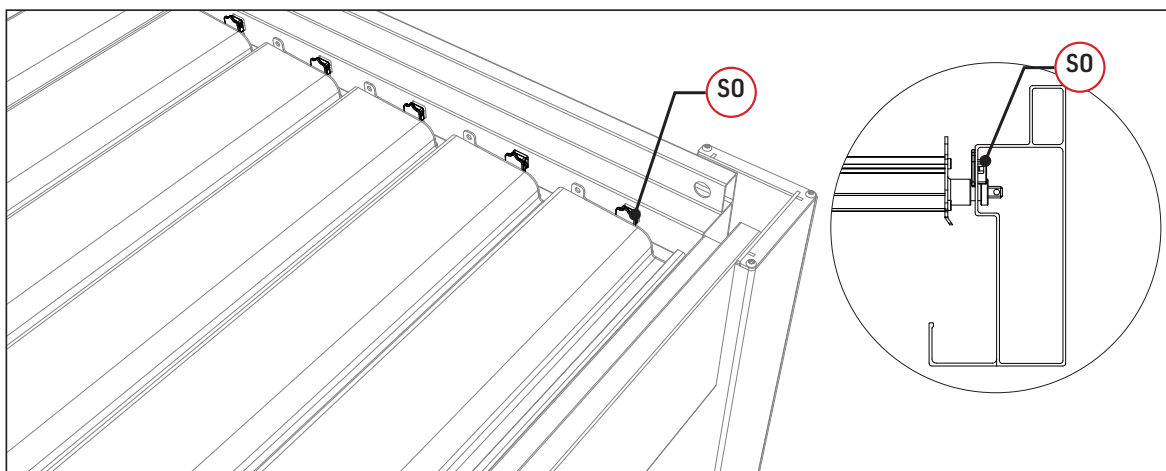
Coloque la lama en posición vertical, para poder instalar las demás lamas una tras otra.
A continuación, introduce las cuñas de media luna **SO** como se indica en el diagrama. La abertura de la media luna debe estar en la parte inferior de la cuña.



1

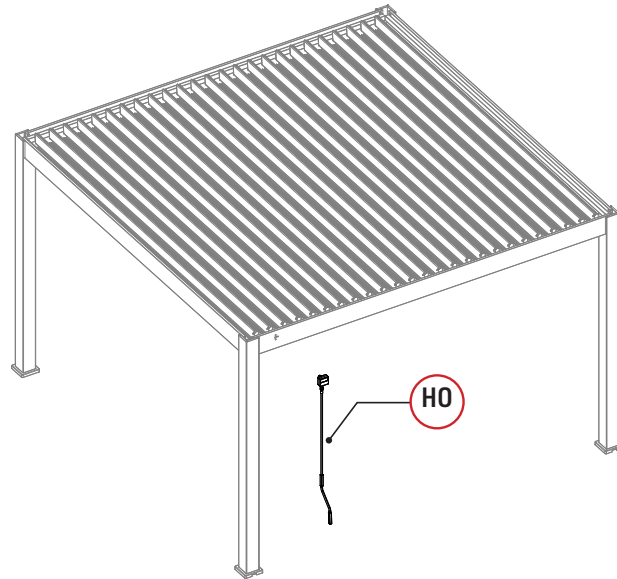


2

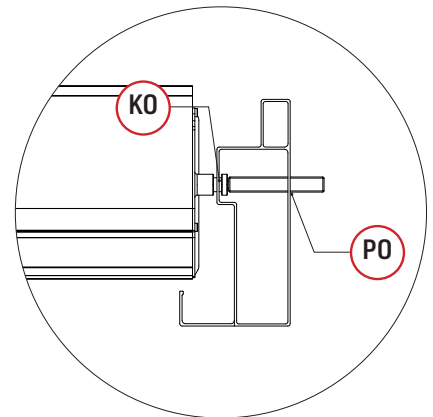
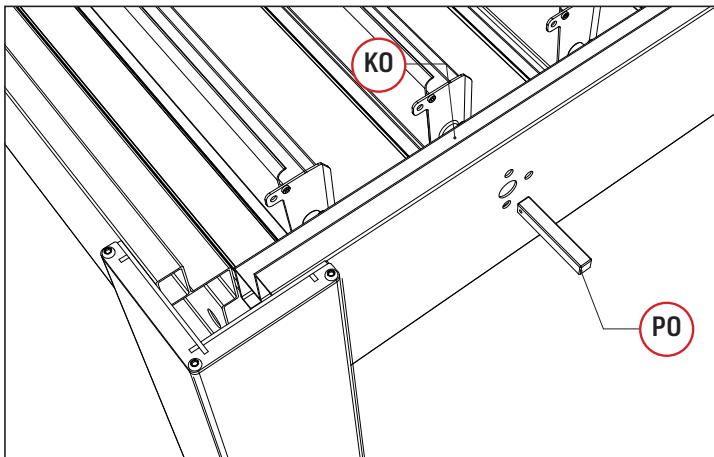


Introduce el cilindro **PO** a través de la viga como se indica en el diagrama, luego empuja hasta que encaje con el pasador de la lama principal **KO**.

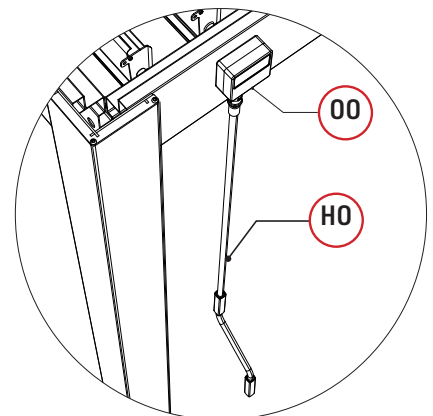
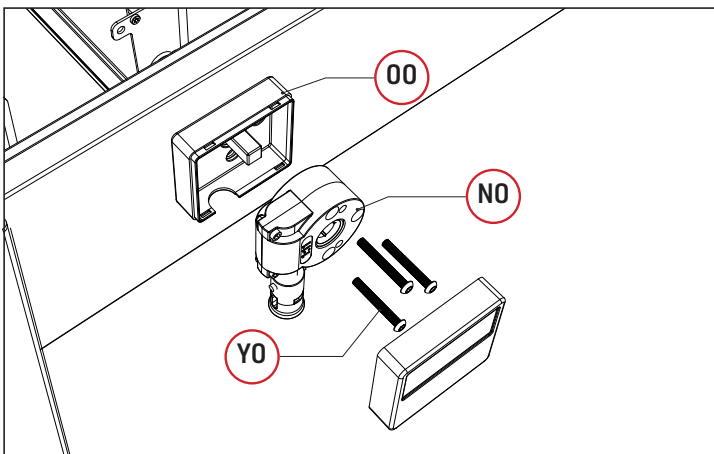
Empareja y atornilla la primera parte de la caja **OO** con el engranaje **NO** a la viga principal **BO-1**, con los 3 tornillos **YO**, utilizando la llave Allen **ZO-3** o un destornillador y la punta **ZO-4**.



1

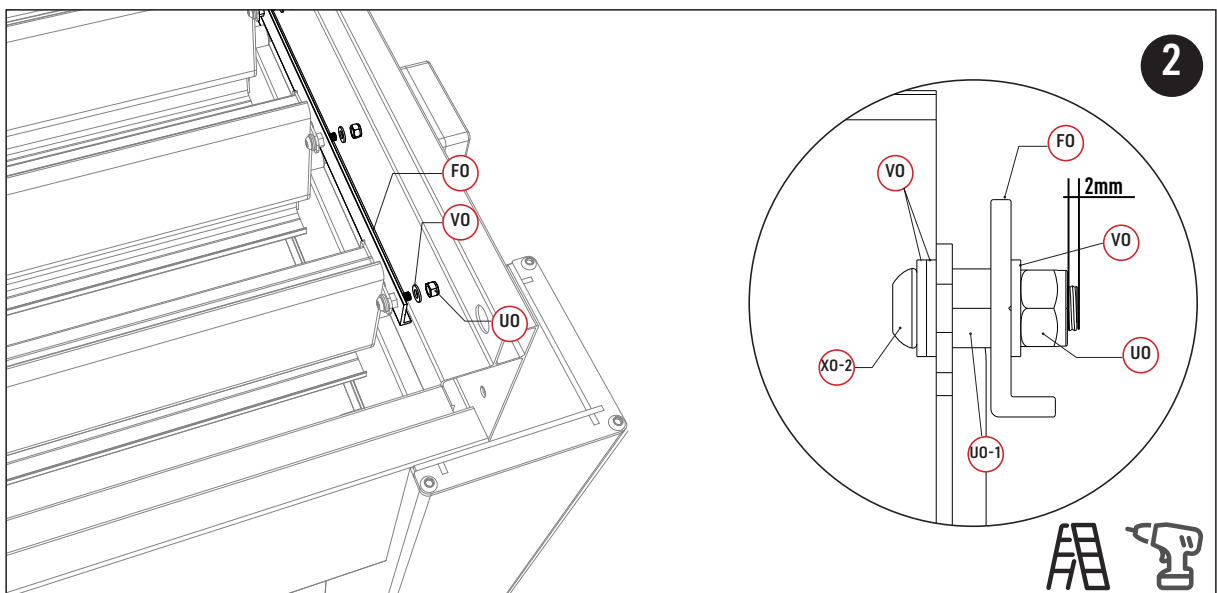
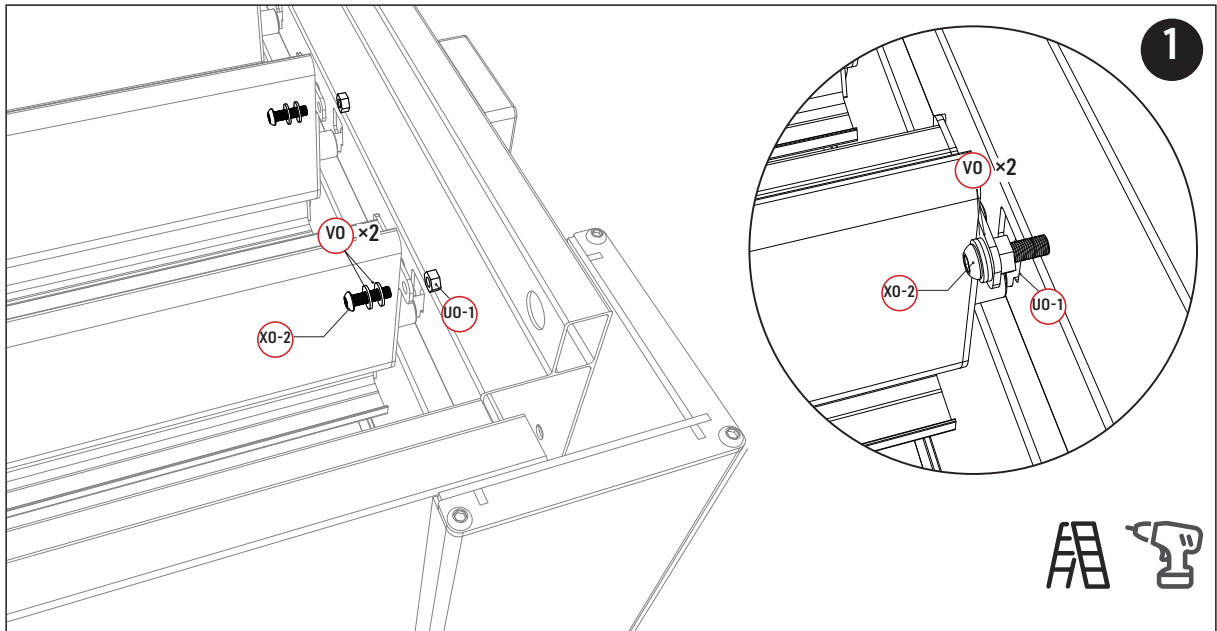
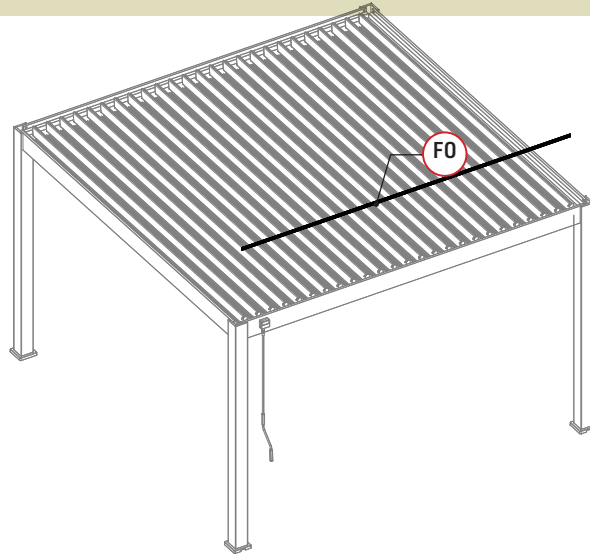


2

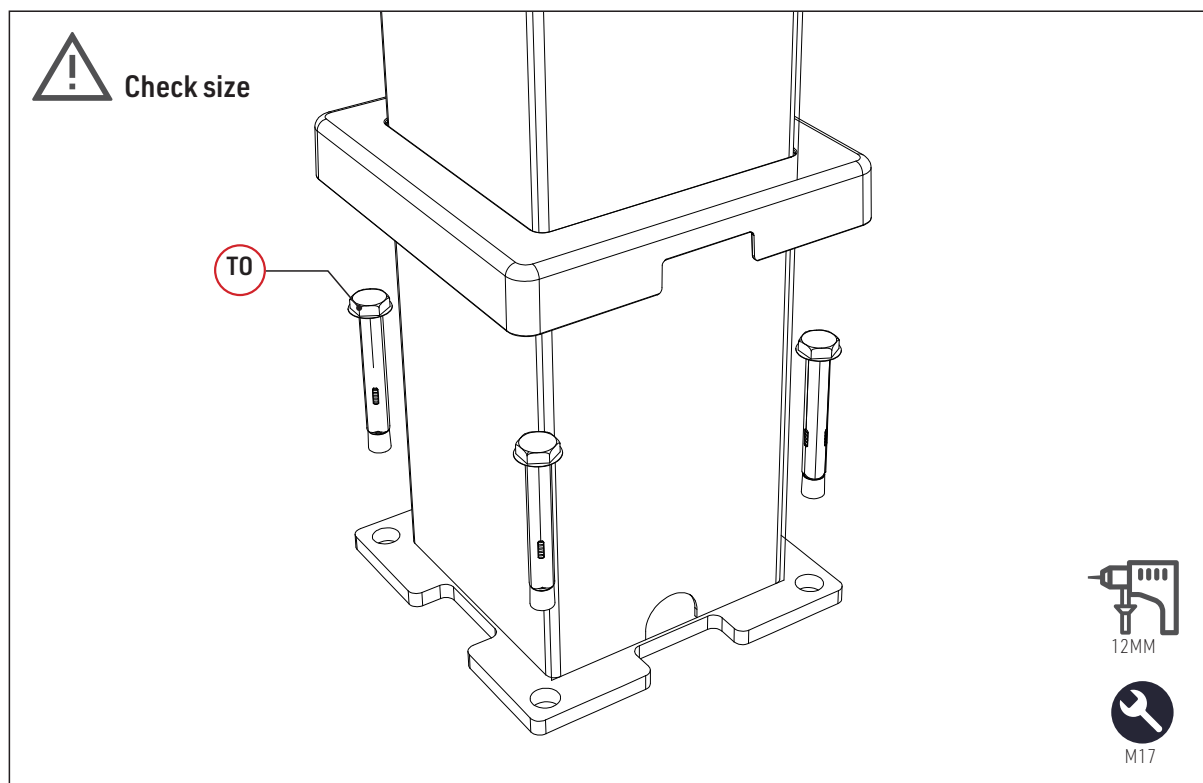
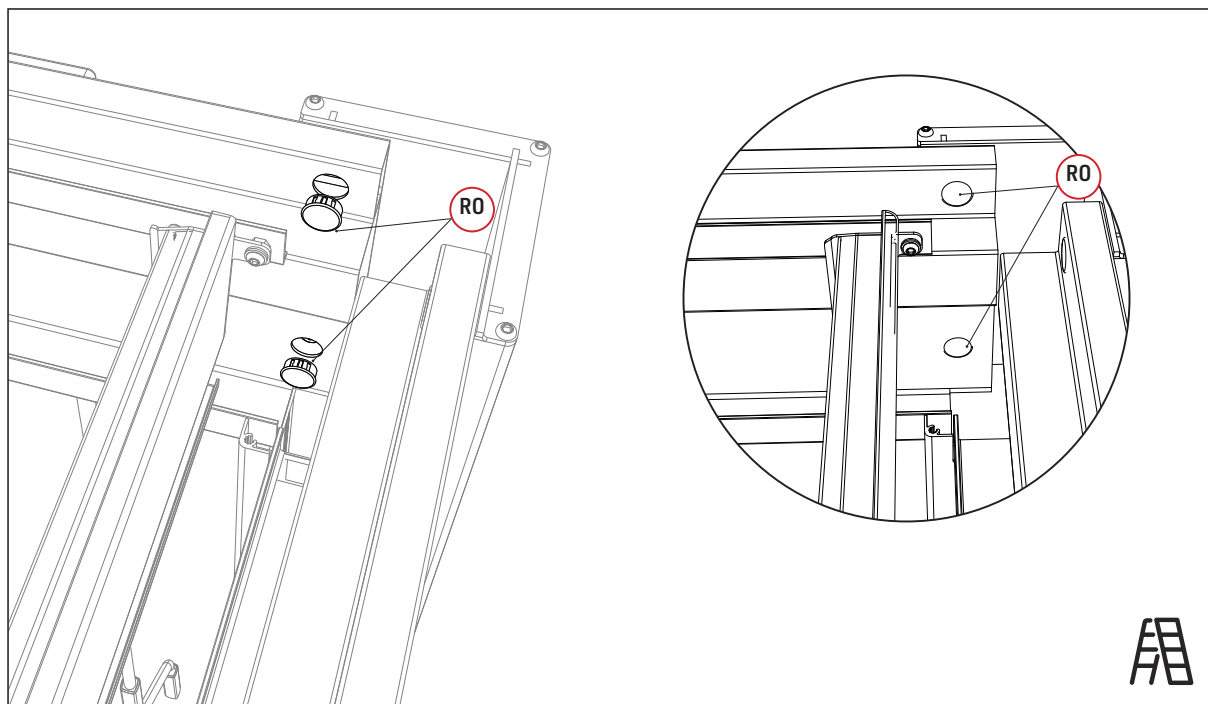


Fija los tornillos y pernos **XO-2**, **VO** y **UO-1** en cada tapa de la lama, como se indica en el diagrama.

A continuación, fija la barra de conexión **FO** en cada lama con las arandelas **VO** y la tuerca **UO** como se muestra, utilizando un destornillador y con la punta T20 **ZO-6** y la llave **ZO-5** para asegurar la tuerca



Inserta los botones de acabado **RO** para tapar los huecos que se encuentran en las esquinas del marco como se muestra en el dibujo.



Para terminar, fija la pérgola a un suelo de hormigón duro y plano, utilizando tacos de expansión **TO** y una broca de 12 mm (no suministrada).

Pergola bioclimatica autoportante 4x4M

Antracite : 15-728486 / Bianco : 15-728547 / Antracite e Bianco : 15-728608

Istruzioni da conservare durante tutta la durata di vita del prodotto.

Vi chiediamo di leggere attentamente le istruzioni prima di procedere al montaggio.

L'utilizzatore sarà responsabile dei danni o infortuni causati da un utilizzo non conforme.

1. PRECAUZIONI D'UTILIZZO

Questo prodotto non deve essere utilizzato in caso di forti intemperie: temporali, venti violenti, grandine. Garantiamo la resistenza della pergola per dei venti fino a 100 km/h e un peso di neve fino a 50kg/m².

In caso di forti venti o nevicata, si consiglia vivamente di lasciare le lamelle aperte. In caso di dimenticanza, dovrete sgomberare la neve dalla pergola onde evitare un sovraccarico importante sulle lamelle.

La nostra pergola può sopportare le piogge forti, ma, non vi possiamo garantire un'impermeabilità al 100%.

Nel caso di episodi climatici eccezionali, l'impermeabilità può essere compromessa. Non lasciate i prodotti sensibili all'umidità sotto la pergola. Non montare sul tetto né sulla struttura della pergola.

2. CONSIGLI DI MONTAGGIO

A seconda dell'ubicazione e della superficie, le costruzioni possono essere soggette a dichiarazioni di lavori o a richieste di permessi di costruzione. Vi invitiamo a contattare il vostro municipio per ottenere le informazioni necessarie prima dell'installazione.

Montaggio del prodotto:

- 2 a 3 persone sono necessarie
- Togliere la pellicola di protezione
- Non lasciare i bambini giocare a prossimità della zona di montaggio
- Attenzione ai rischi di schiacciamento
- Mai stringere completamente le viti prima di aver assemblato tutta la parte interessata
- Tutte le fasi di assemblaggio devono essere eseguite con attenzione
- Controllare i livelli, le diagonali e l'equilibrio della struttura
- Fissare la pergola solo dopo averla montata

Nessuna modifica può essere apportata al prodotto. I prodotti modificati dall'utilizzatore non sono più coperti dalla garanzia del fabbricante.

Il luogo di ubicazione deve essere scelto in maniera appropriata. Si raccomanda di evitare di montare la pergola di fronte ai venti dominanti e sotto un albero.

La pergola dev'essere montata su una base adeguata, stabile e livellata, si consiglia di installarla su una lastra di cemento o su dei blocchi di cemento ad ogni palo. Vi chiediamo di ancorare correttamente la pergola al suolo utilizzando i pezzi W.

Se desiderate posizionare la vostra pergola a ridosso della vostra casa o di un'abitazione, vi chiediamo di controllare la presenza di grondaie per lo scorrimento dell'acqua. La pergola Ombréa® non potrà sopportare e garantire un'impermeabilità perfetta se le acque piovane della vostra abitazione defluiscono sopra.

In caso di non rispetto delle raccomandazioni di montaggio, la garanzia non potrà applicarsi.

3. MANUTENZIONE DELLA PERGOLA

Una manutenzione periodica è necessaria per assicurare la longevità e l'aspetto estetico, vi raccomandiamo di:

- Lavare la vostra pergola 1 a 2 volte all'anno con dell'acqua dolce e una spugna o un panno. Non utilizzare prodotti corrosivi o un supporto abrasivo.
- Controllare regolarmente il serraggio delle viti (almeno 1 volta all'anno)
- Oliare i pezzi di ferramenta (almeno 1 volta all'anno)
- Assicurarsi che il flusso dell'acqua delle grondaie non sia ostruito (foglie, rami, ecc.)
- Togliere l'acqua che potrebbe stagnare attorno ai piedi della pergola (sollevare le protezioni)

4. GARANZIA

Ombréa® garantisce la disponibilità dei pezzi di ricambio per 2 o 5 anni (a seconda del prodotto). La garanzia si applica solo se le istruzioni di stoccaggio, montaggio, utilizzo, manutenzione vengono rispettate.

La garanzia non copre:

- L'usura normale inerente ai prodotti.
- La perdita o il danno di qualsiasi pezzo durante il disimballaggio o l'installazione.
- La mancanza di manutenzione ragionevole, la negligenza, il vandalismo, l'impatto con degli oggetti esterni, l'uso della forza, il contatto con degli abrasivi, l'estetismo, lo smontaggio, la ricostruzione o la rilocalizzazione.
- Casi di forza maggiore: grandine, venti forti, tempeste, neve, inondazioni, fulmine...
- Prodotto modificato dall'utilizzatore.

La garanzia comprende soltanto la sostituzione del pezzo di ricambio o del prodotto fornito, esclude le spese, costi e indennità di qualsiasi tipo.

Qualsiasi richiesta di garanzia deve essere effettuata presso il punto vendita (negoziato o sito internet) dove è stato comprato il prodotto.

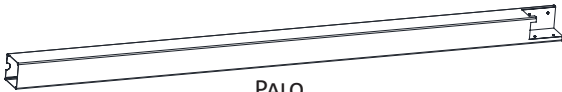
5. ELENCO DELLE PARTI (PER CARTONE)





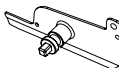

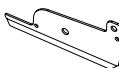

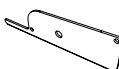





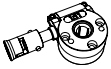

Prima di procedere al montaggio della vostra pergola bioclimatica, è necessario controllare che tutte le parti siano presenti e non siano danneggiate.







Eventuali parti mancanti devono essere segnalate entro i 10 giorni dall'acquisto. Questo può essere fatto attraverso il vostro rivenditore o direttamente facendo una richiesta sul nostro sito sav.comintes.com.









Non buttare l'imballaggio senza assicurarsi del corretto funzionamento della pergola.

COLLO 1/5 (PALI E FERRAMENTA)


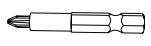
Riferimento	Schema	Quantity
AO	 PALO	4

Riferimento	Schema	Quantity	Riferimento	Schema	Quantity
IO	 COPERCHIO PIASTRA	4	OO	 BOX COVER	1
JO	 PIASTRA DI ANCORAGGIO	4	PO	 CYLINDER	1
KO	 COPRI-LAMELLA PRINCIPALE	1	QO	 BEAM FIXING SCREW 6mm	8
LO	 COPRI-LAMELLA A	24	QO-1	 STEEL BRACKET 6mm	8
LO-1	 COPRI-LAMELLA B	25	QO-2	 ANNEAUX	8
MO	 PERNO	49	QO-3	 RONDELLE	8
MO-1	 SET IN RAME	49	RO	 CIRCLE CAP	16
NO	 GEARBOX	1	SO	 HALF MOON PLASTIC CAP	50

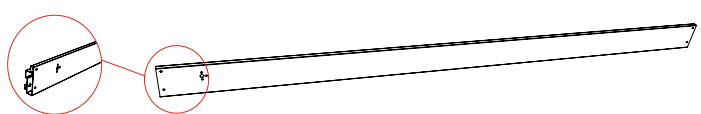
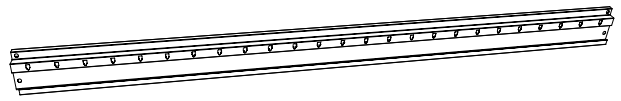
Riferimento	Schema	Quantity
TO	 TASSELLO PER CEMENTO M10x80	12
UO	 DADO	74
UO-1	 DADO IN PLASTICA	25
VO	 WASHER	75
WO	  4x16 PH2 VITI 4x16	100

Riferimento	Schema	Quantity
XO	  6x40 4mm BULLONE 6x40	49
XO-1	  6x35 4mm BULLONE 6x35	16
XO-2	  6x20 4mm BULLONE 6x20	25
YO	  6x45 4mm BULLONE 6x45	3




Riferimento	Schema	Quantity
ZO-1	 4MM CHIAVE ALLEN DA 4 MM	1
ZO-2	 4MM PUNTA DI CACCIAVITE DA 4 MM	1
ZO-3	 6MM CHIAVE ALLEN DA 6 MM	1
ZO-4	 6MM PUNTA DI CACCIAVITE DA 6 MM	1


Riferimento	Schema	Quantity
ZO-5	 10MM CHIAVE PIATTA 10 MM	1
ZO-6	 PH2 PUNTA DI CACCIAVITE PH2	1

CARTON 2/5 (BEAMS)

Riferimento	Schema	Quantity
BO	 TRAVE PRINCIPALE	1
BO-1	 TRAVE POSTERIORE	1

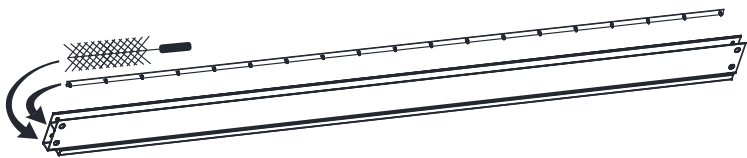
BULTO 2/5(VIGAS)

Referencias	Schema	Quantità
CO	 <p>TRAVE LATERALE</p>	2
FO	 <p>BARRA DI CONNESSIONE</p>	1
HO	 <p>MANOVELLA</p>	1




ATTENTION!


Connecting Bar(FO) & Brush Inside!



BULTO 3/5 ET 4/5 (LAMAS)

Referencias	Schema	Quantità
GO	 <p>LAMA</p>	9

BULTO 5/5 (LAMAS)

Referencias	Schema	Quantità
GO	 <p>LAMA</p>	7

Le parti in alluminio sono le seguenti: AO, BO, BO-1, CO, FO, GO, IO, KO, LO e LO1.

Le viti e le altre parti sono in acciaio inox, acciaio zincato, plastica o nylon.

Per ulteriori informazioni, consultate le specifiche tecniche del prodotto e la pagina delle FAQ all'indirizzo www.pergola-ombrea.com/it o contattate il proprio rivenditore.

6. MATERIALE (NON FORNITO) NECESSARIO PER IL MONTAGGIO



Occhiali e guanti
protettivi



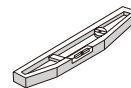
2 scalette



Trapano a percussione
+ punta per cemento
da 12 mm



Trapano avvitatore



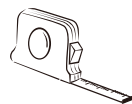
Livella



Taglierino



Elmetto



Metro a nastro

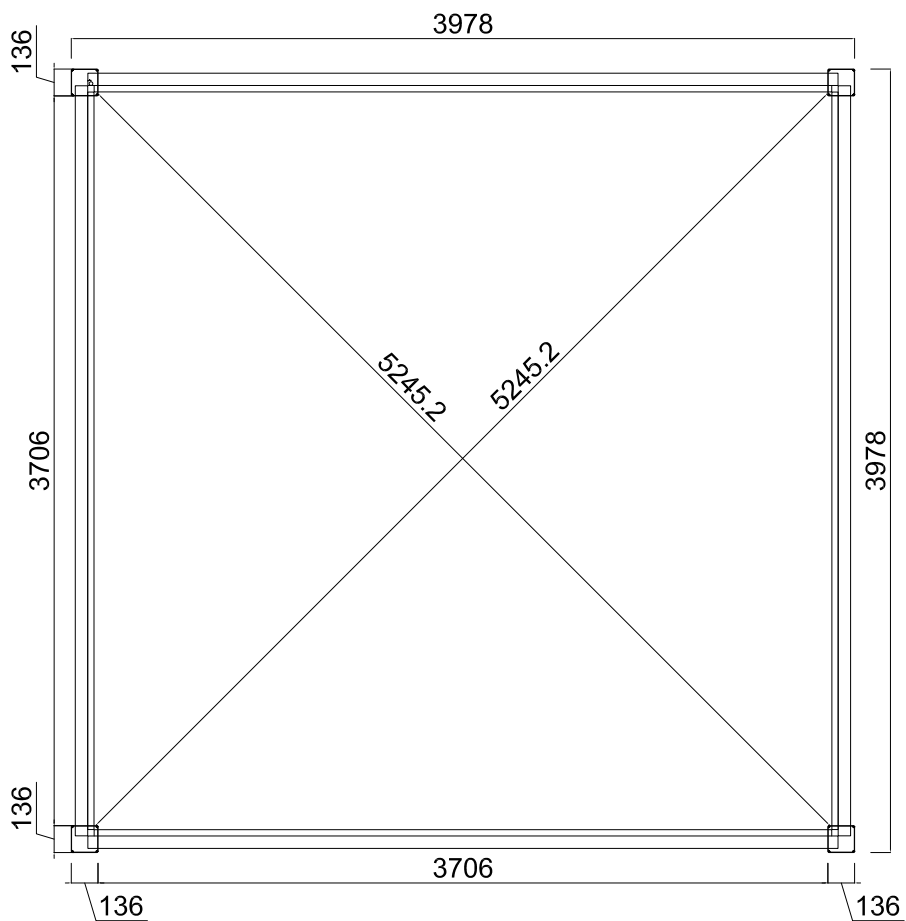
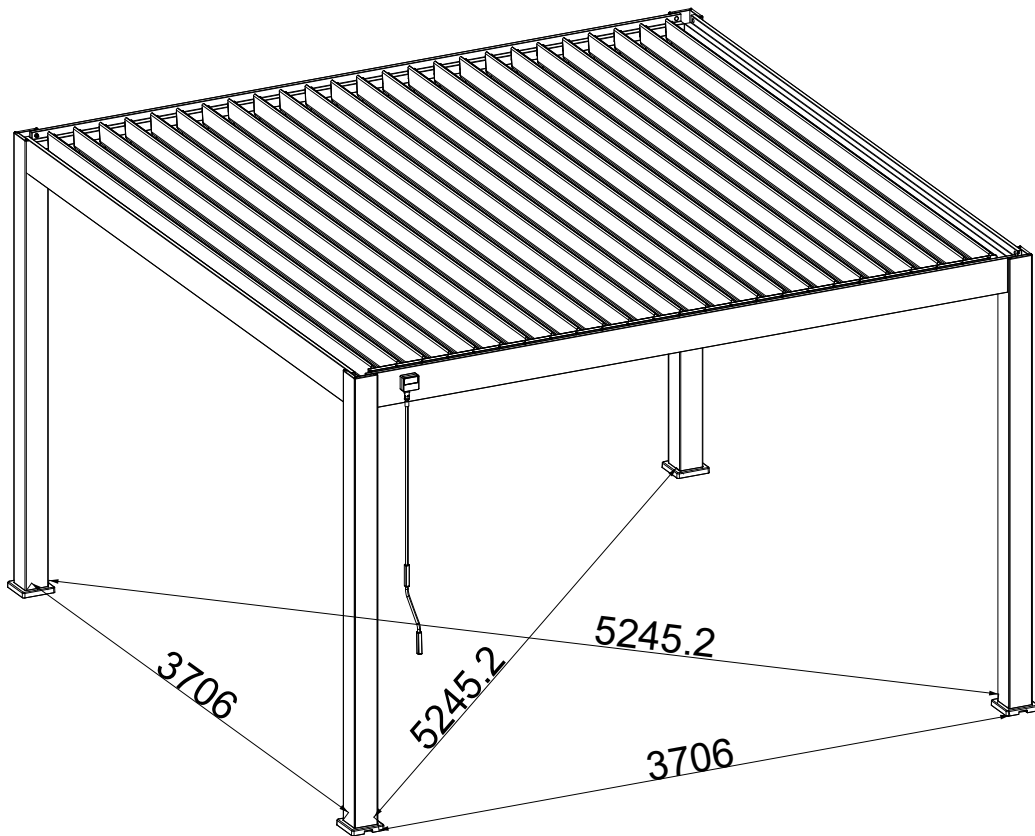
7. CONTACTO

Desiderosi di migliorare, non esitate a inviarci i vostri commenti e suggerimenti al seguente indirizzo: contact@pergola-ombrea.com

Saremo lieti di ricevere i vostri migliori scatti della vostra installazione.

Il team Ombréa vi ringrazia per l'acquisto e vi augura giorni felici sotto la vostra pergola!

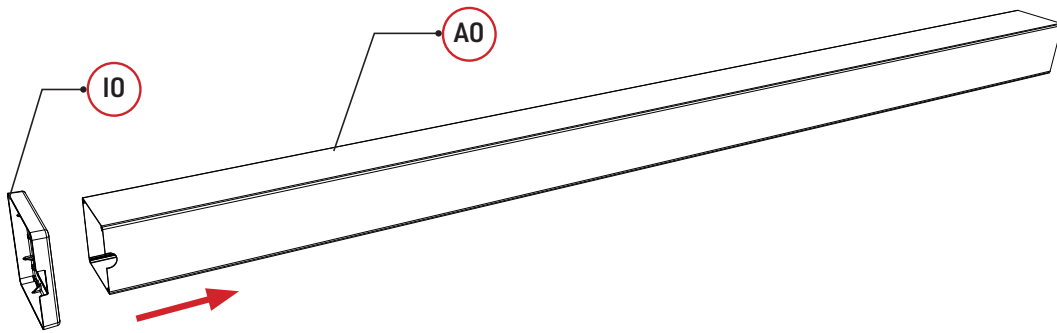
8. PIANO DI MONTAGGIO (DIMENSIONI IN MM)



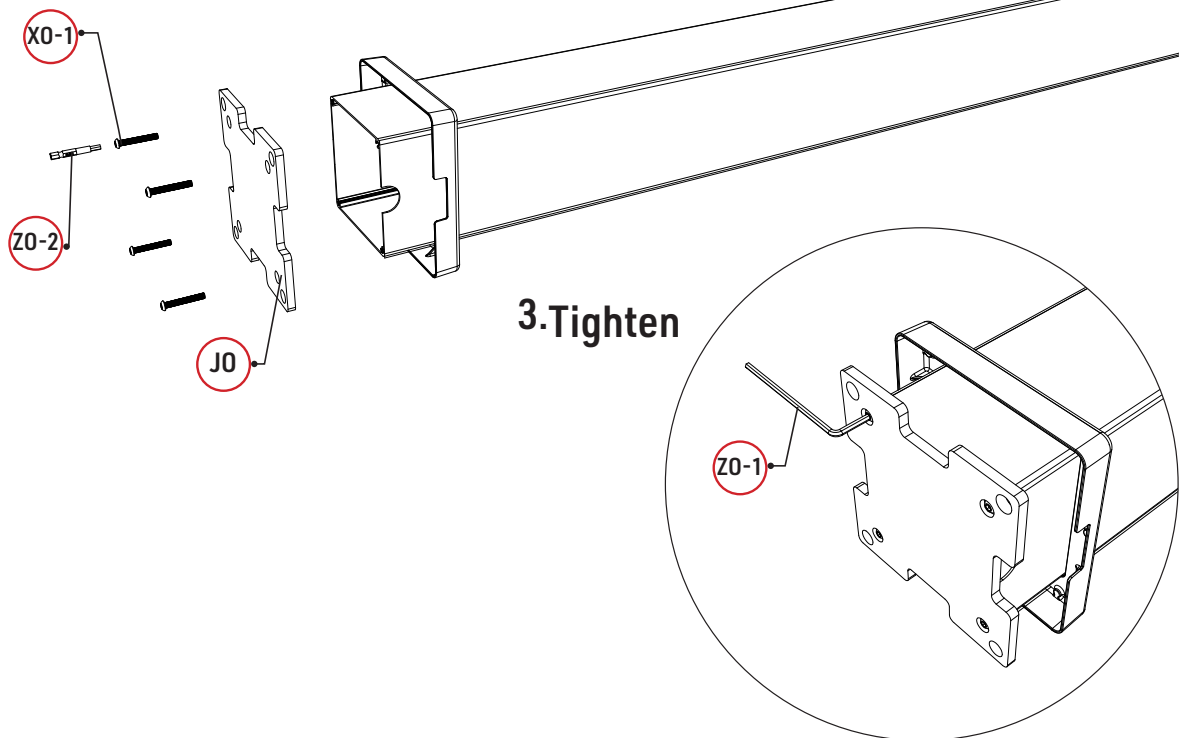
9. TAPPE DEL MONTAGGIO

Per evitare di danneggiare la vostra pergola durante il montaggio, si consiglia di assemblarla su un tavolo, dei cavalletti o una superficie piana e pulita.

1.



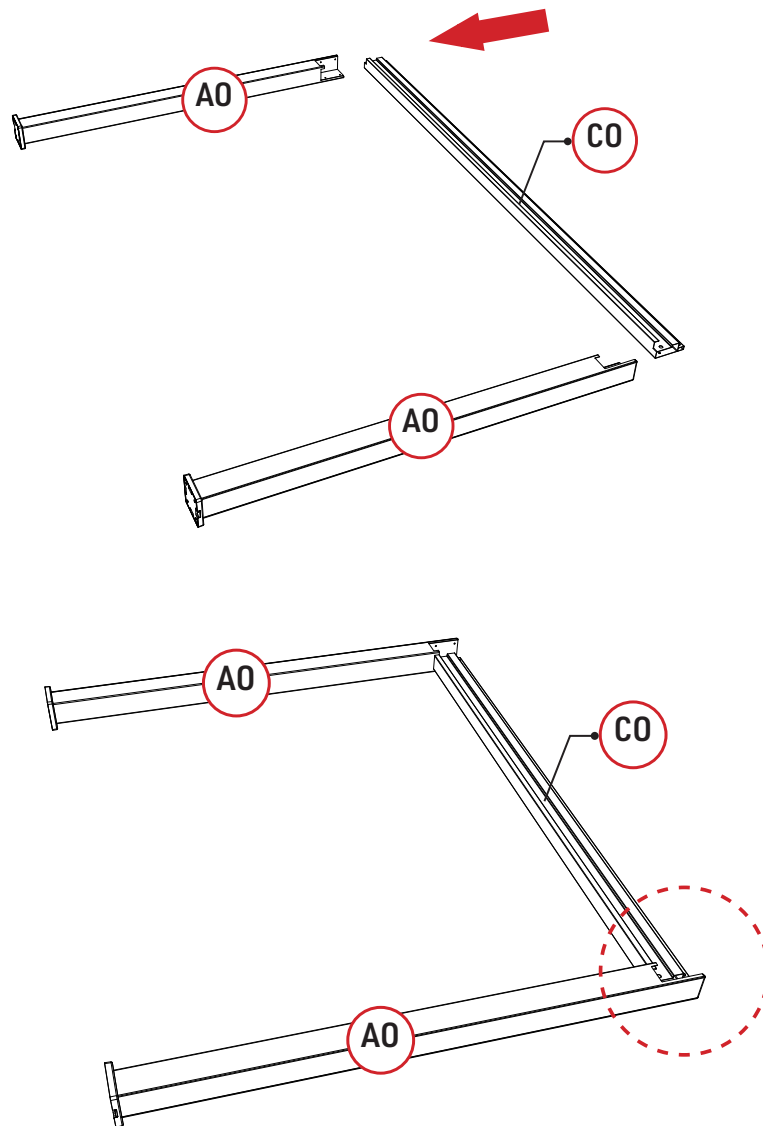
2.



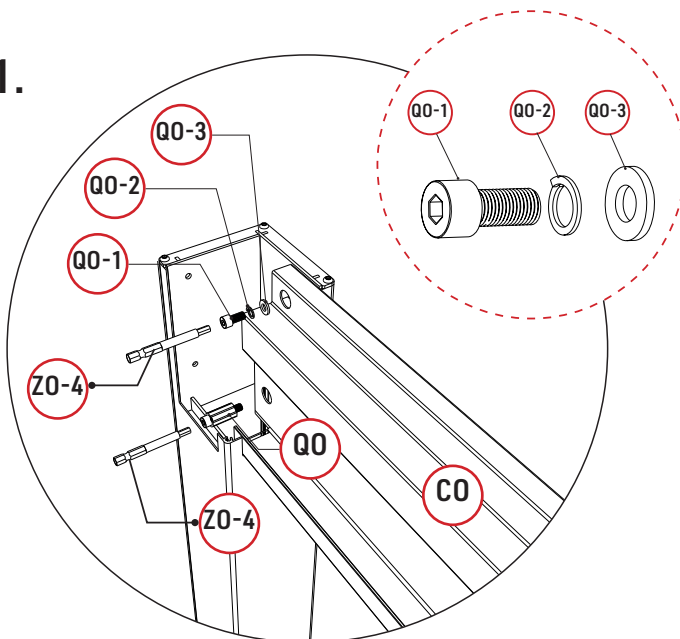
Fate scorrere i coperchi **IO** sui montanti **AO**, posizionando l'apertura nella stessa direzione dell'apertura nel montante a forma di mezzaluna.

Fissare quindi la piastra **JO** con le viti **XO-1** utilizzando l'avvitatore. Iniziate ad avvitare leggermente, completate l'operazione fino in fondo quando tutte le viti sono in posizione.

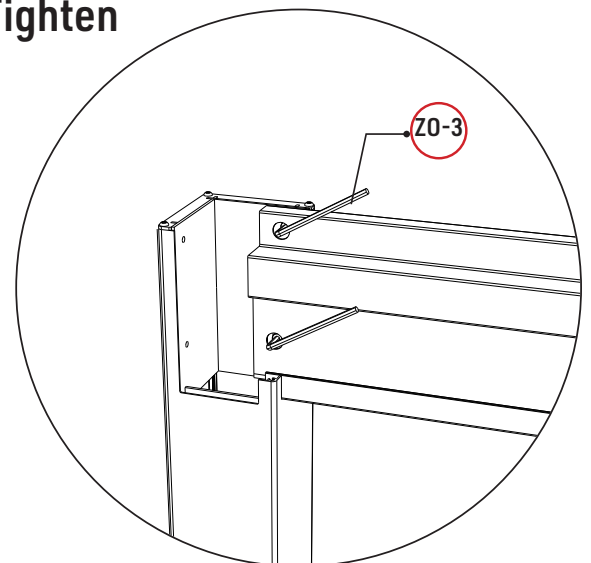
Posizionate e fissate la trave **CO** sui montanti **AO** con le viti **QO** su ciascun lato, utilizzate un avvitatore e una punta **ZO-4** o una chiave Allen **ZO-3**.



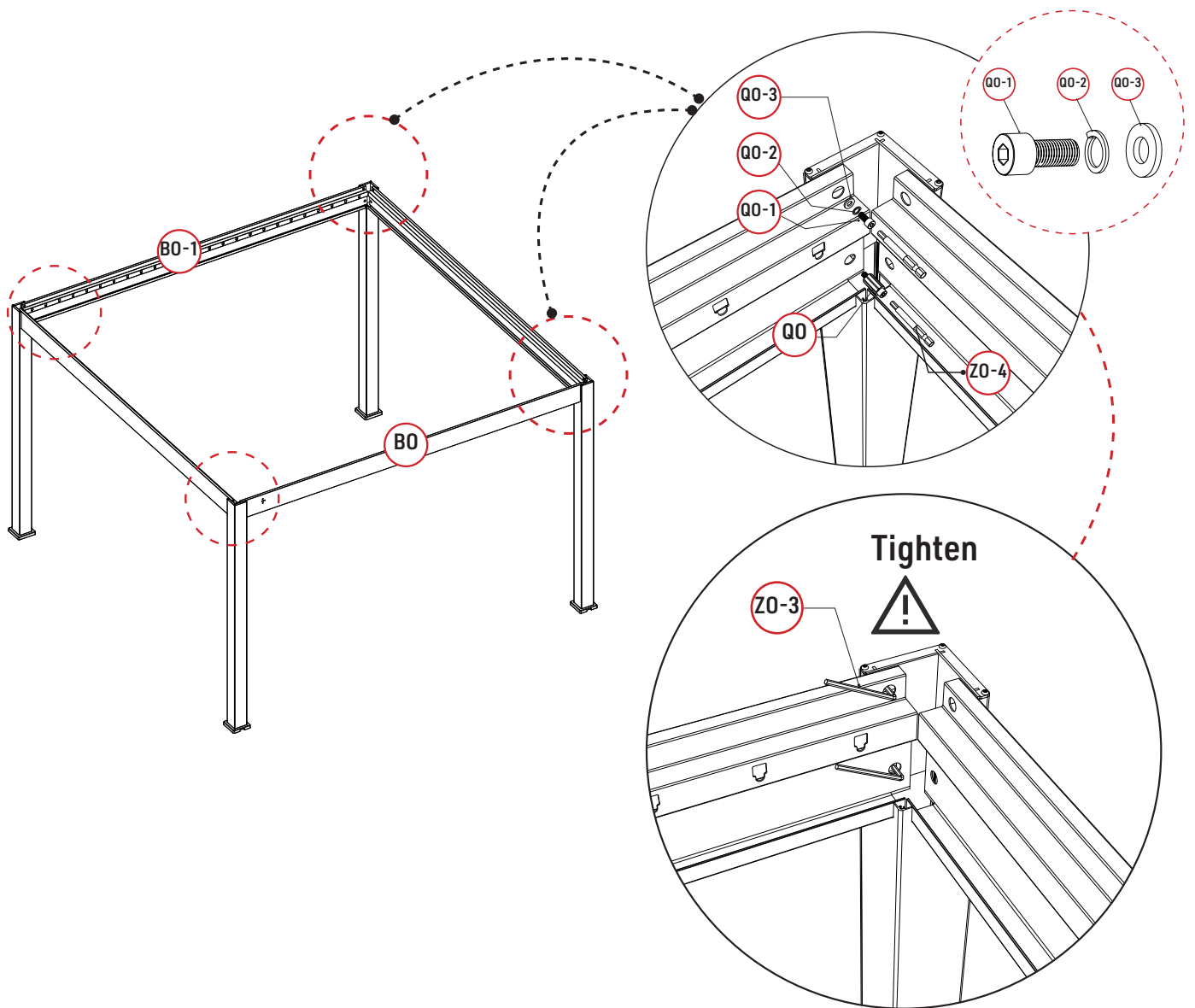
1.



2. Tighten



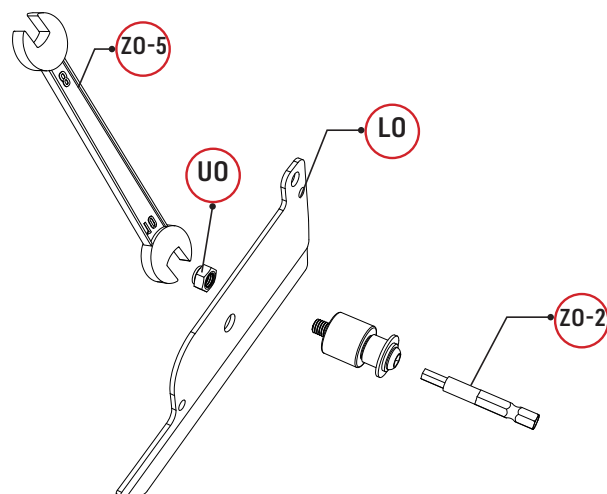
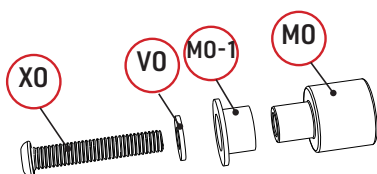
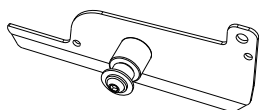
Ripetete la stessa operazione, con la trave **BO,BO-1** e i montanti **AO**.



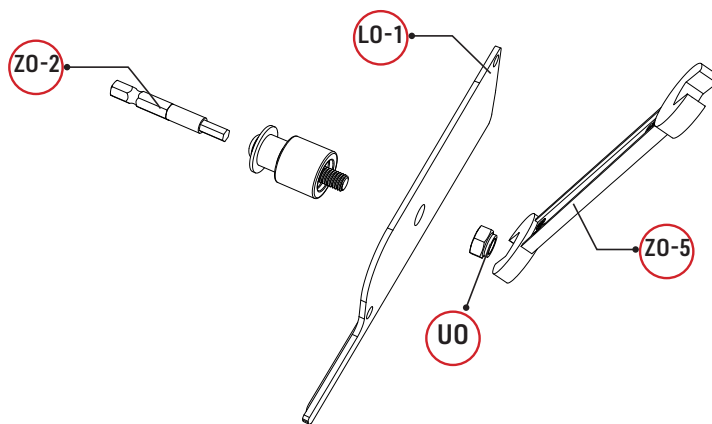
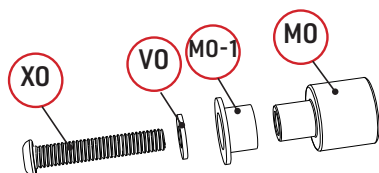
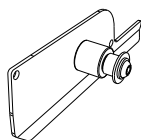
Montate e fissate il perno corrispondente all'insieme delle parti **XO,VO, MO,MO-1** e **UO** nei copri-lamella **LO** e **LO-1**. Assicuratevi che il perno sia installato correttamente nella giusta direzione per la parte **LO** e per la parte **LO-1**, come indicato nello schema.

Utilizzate l'avvitatore e la punta **ZO-2** per inserire il bullone **XO** nel dado **UO**. Per evitare lesioni e rendere l'operazione non troppo difficile, si consiglia di tenere il dado con la chiave **ZO-5** durante questa manipolazione.

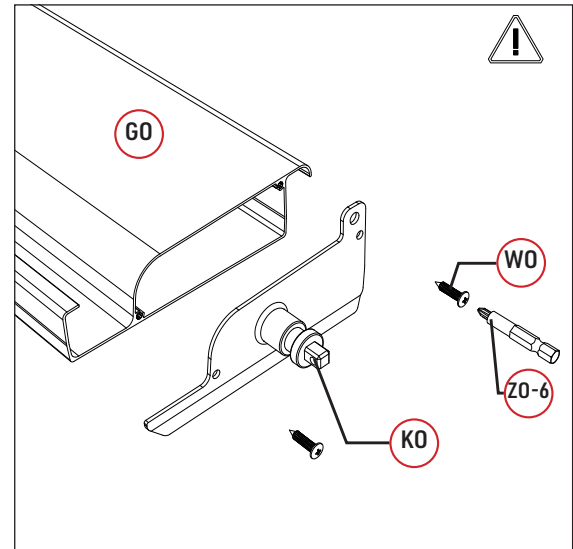
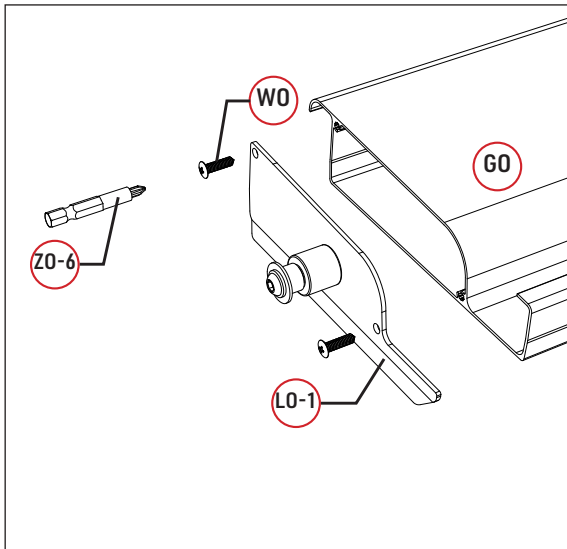
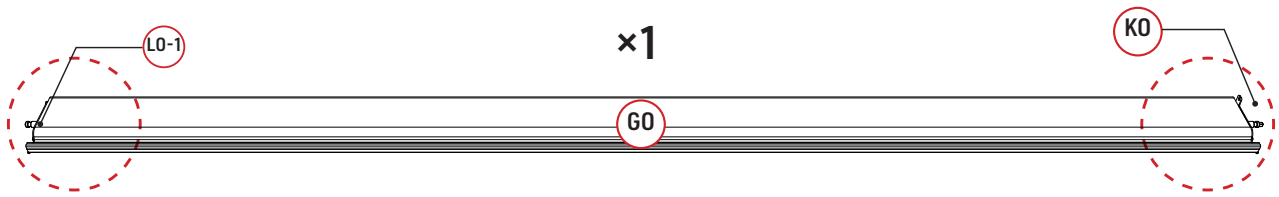
LO ×24



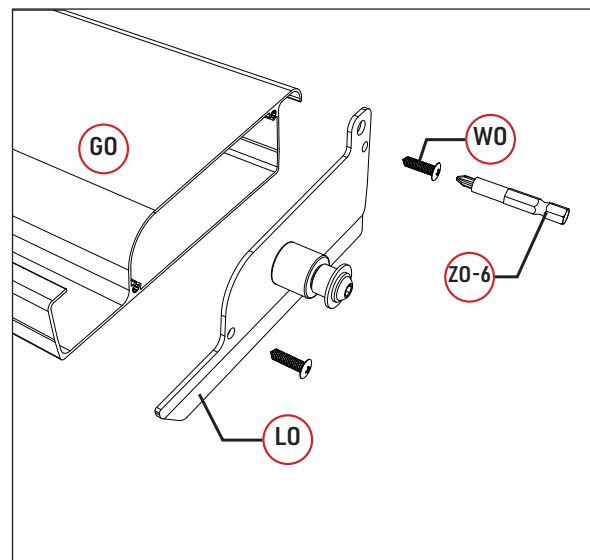
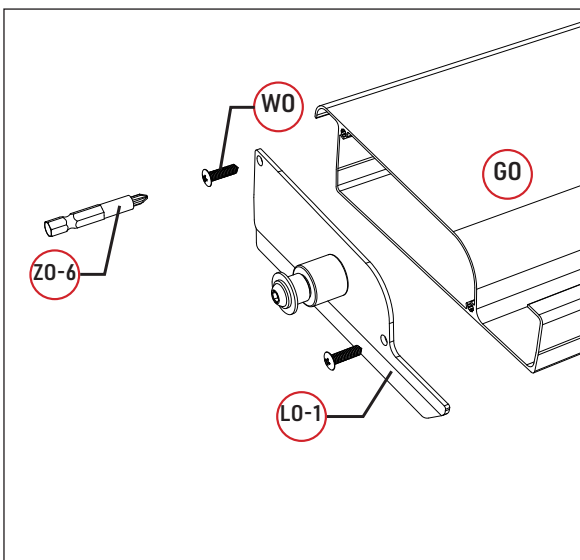
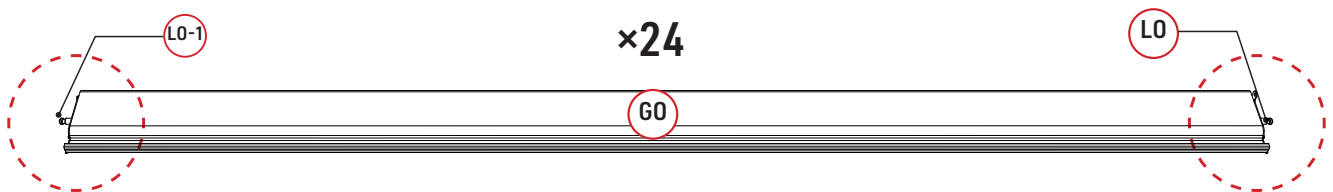
LO ×25



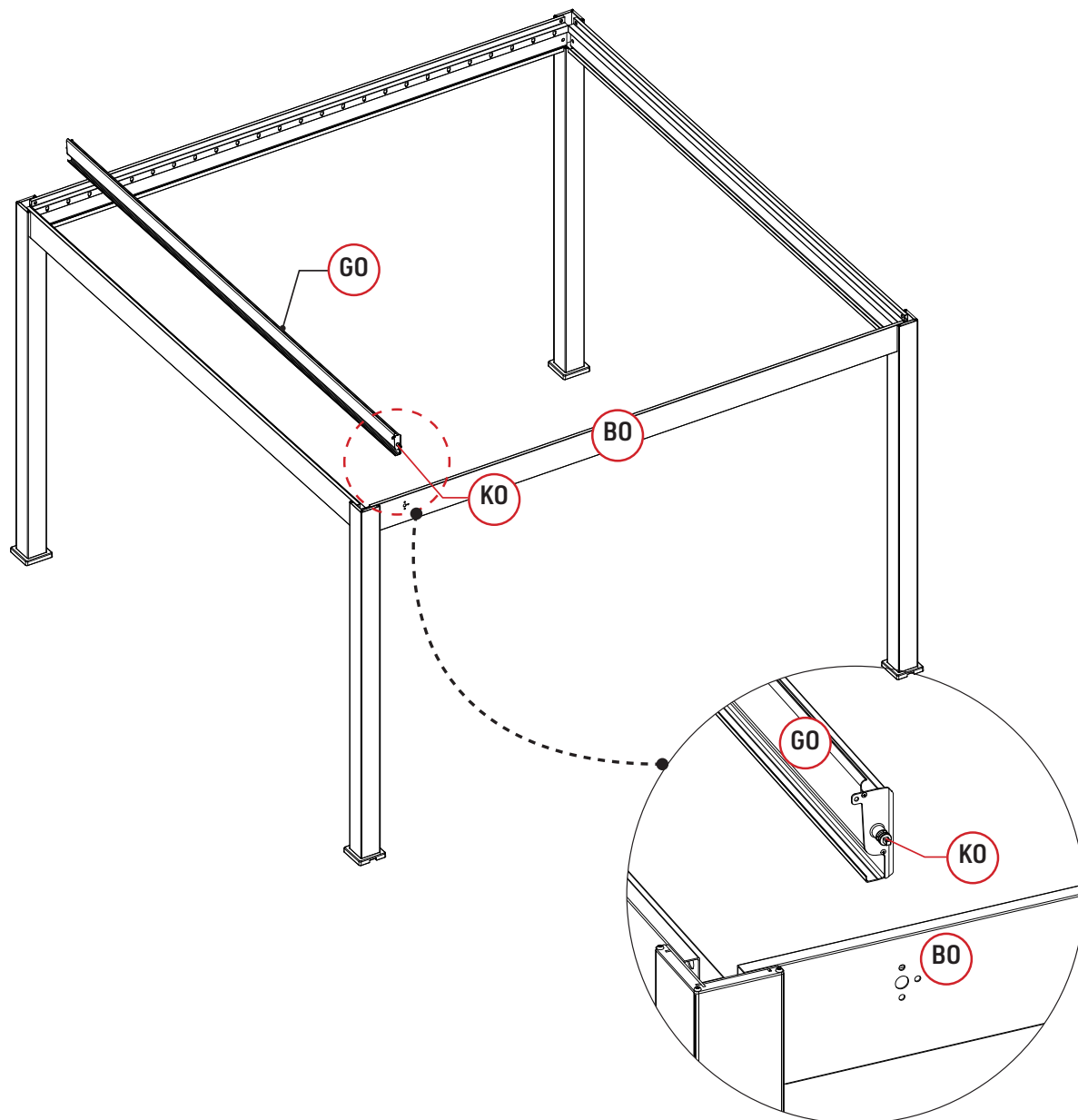
Posizionate la lamella principale **GO** nella direzione corretta, come indicato nello schema, quindi fissate il copri-lamella principale **KO** a destra della lamella e **LO-1** a sinistra, con le viti **WO** grazie all'avvitatore e la punta T20 **ZO-6**.



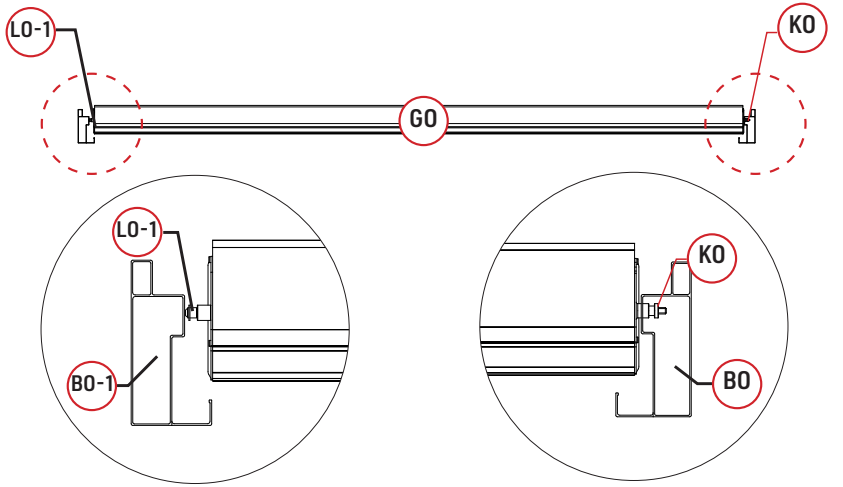
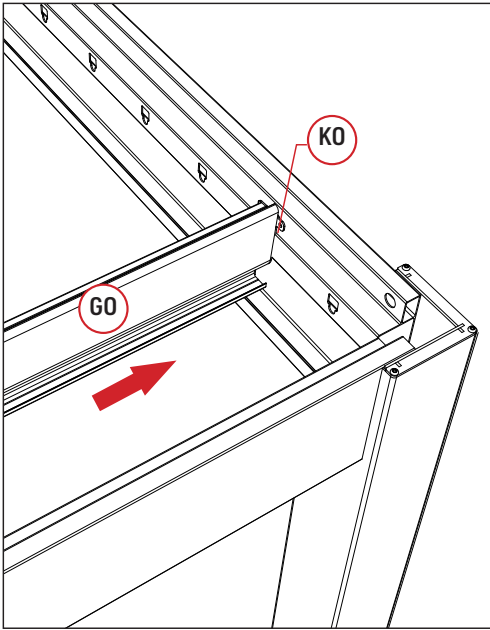
Ripetete la stessa operazione con le altre lamelle **GO**, fissando i copri-lamella **LO-1** a sinistra e **LO** a destra.



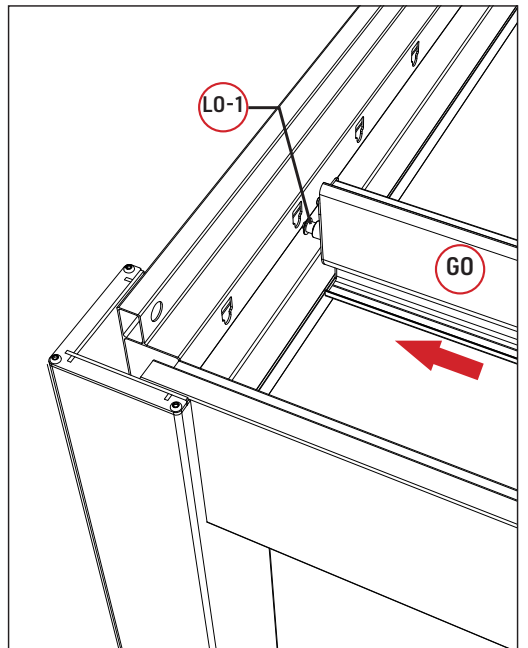
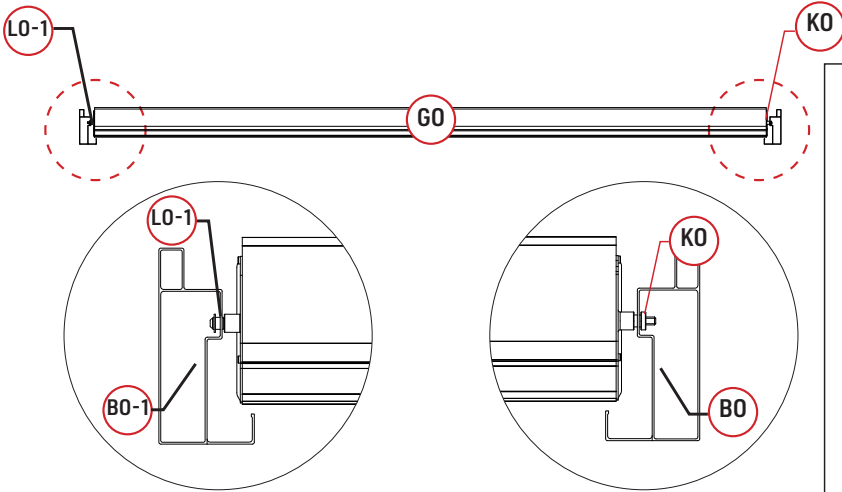
Mettete la lamella in posizione verticale, per installare le altre lamelle una dopo l'altra. Inserite quindi i cunei a mezzaluna **SO** come indicato nello schema. L'apertura a mezzaluna deve trovarsi sulla parte inferiore del cuneo.



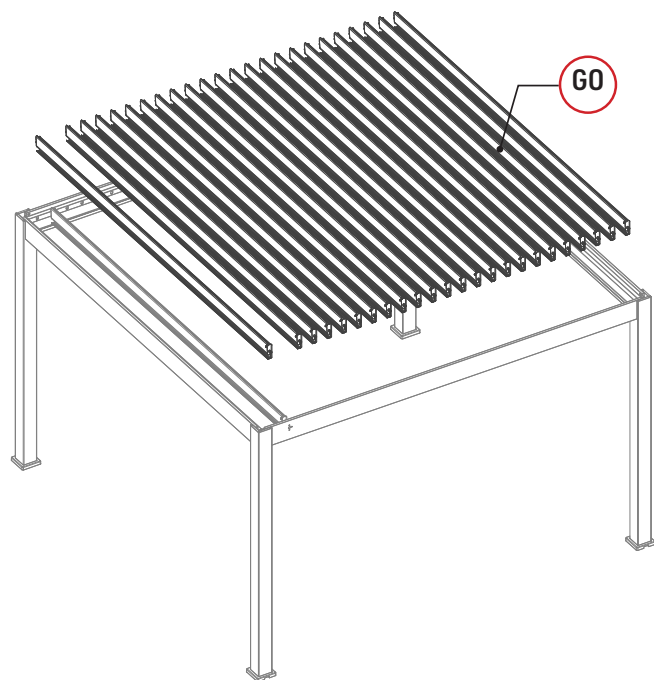
1



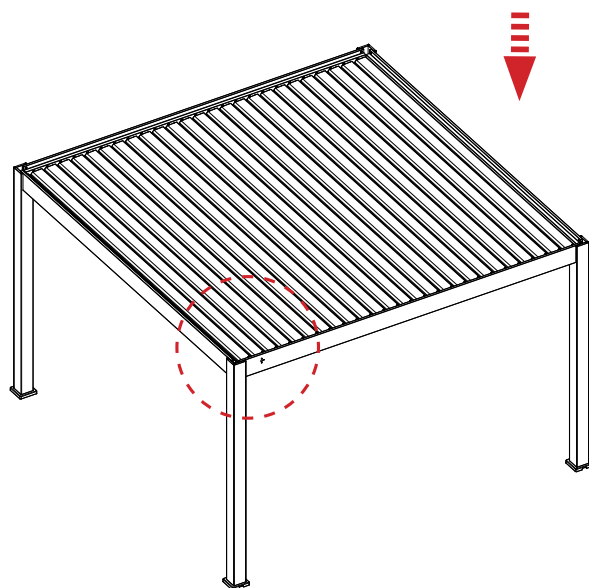
2



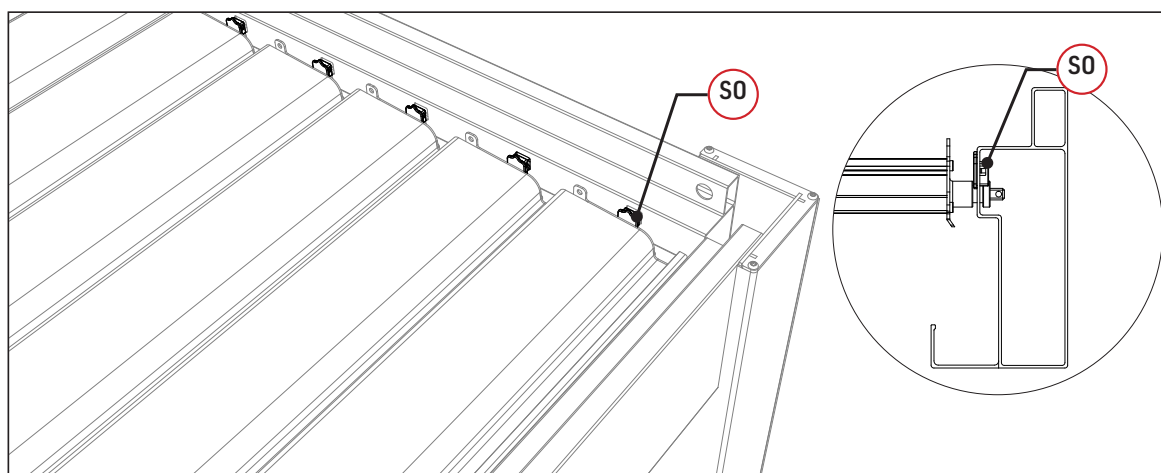
Mettete la lamella in posizione verticale, per installare le altre lamelle una dopo l'altra. Inserite quindi i cunei a mezzaluna **SO** come indicato nello schema. L'apertura a mezzaluna deve trovarsi sulla parte inferiore del cuneo.



1

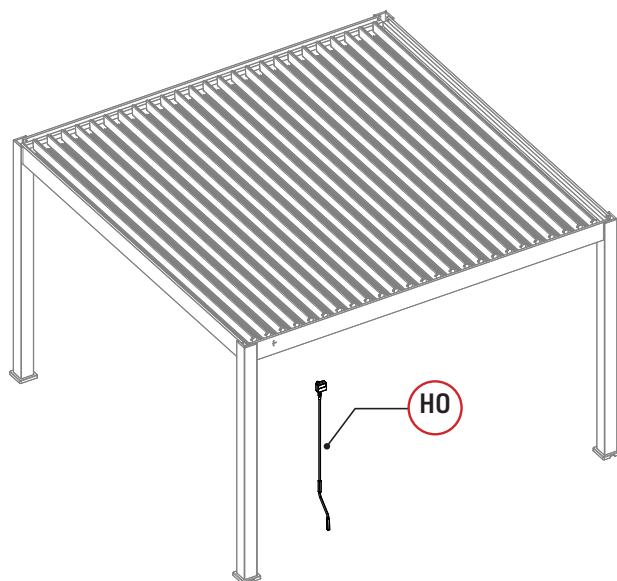


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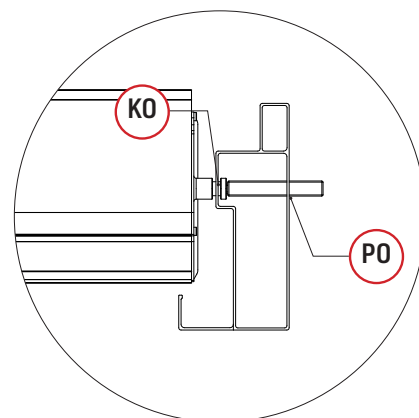
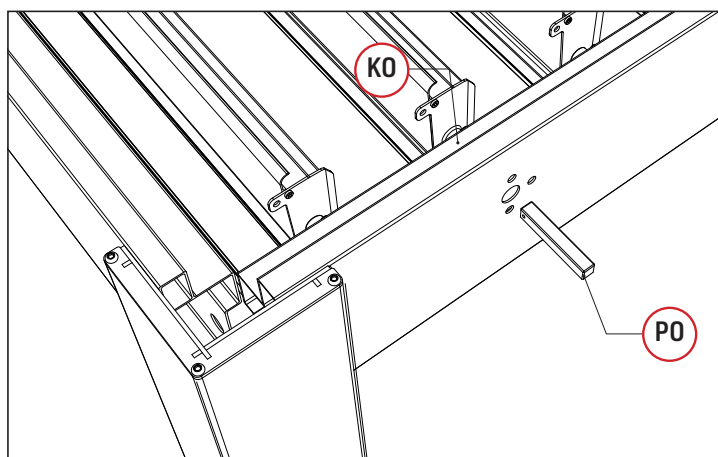


Inserite il cilindro **PO** attraverso la trave come indicato nello schema, quindi spingete finché non si incastra con il perno della lamella principale **KO**.

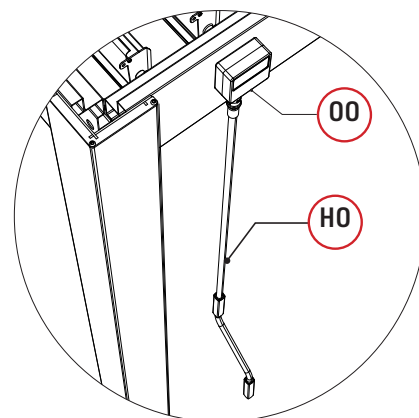
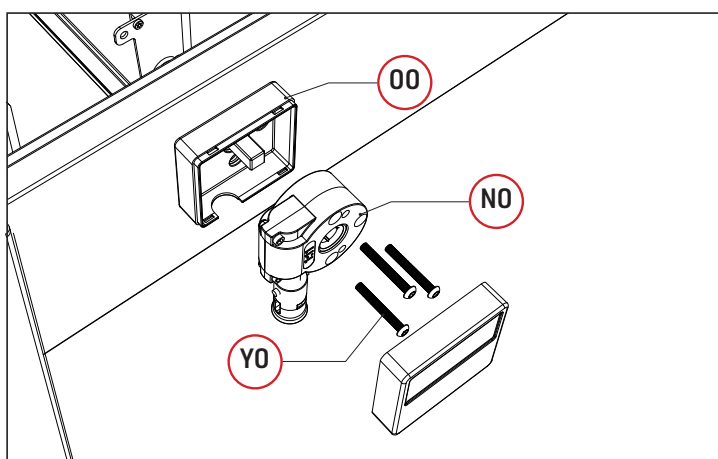
Collegate e avvitate la prima parte della scatola **OO** con la gearbox **NO** sulla trave principale **BO-1**, con i 3 bulloni **YO**, utilizzando la chiave Allen **ZO-3** o un avvitatore con una punta **ZO-4**.



1

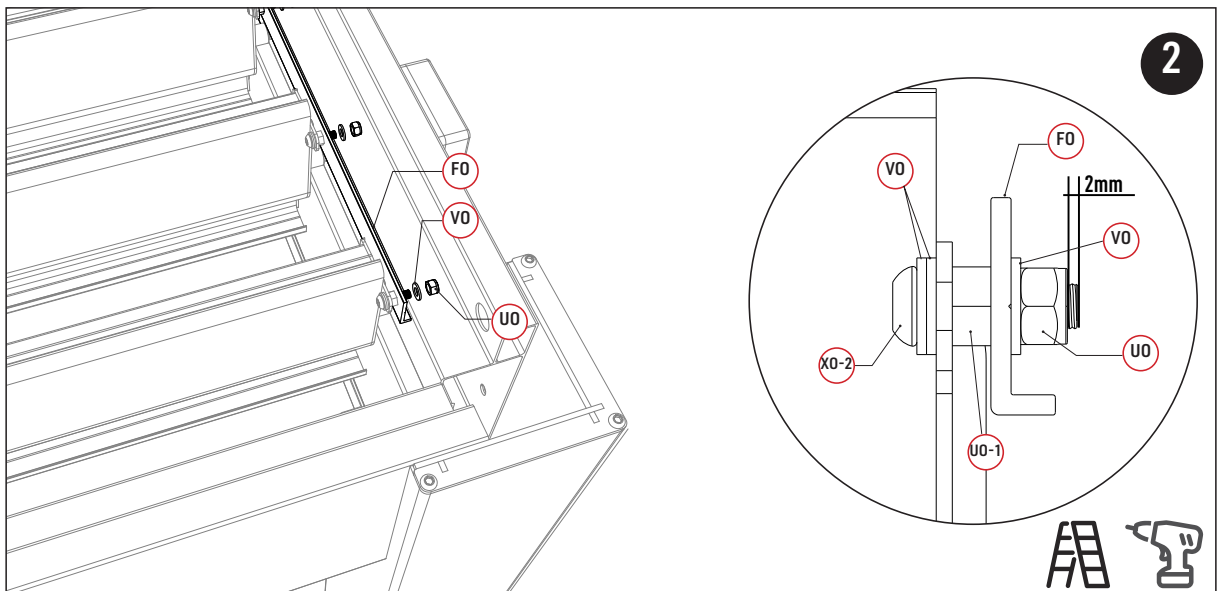
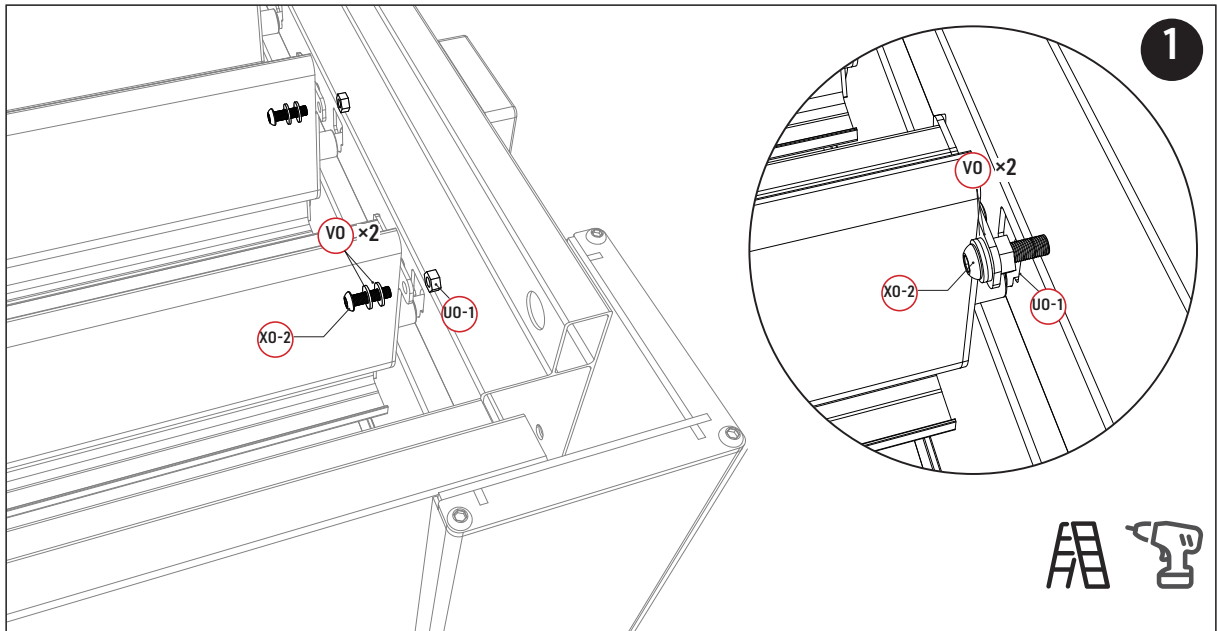
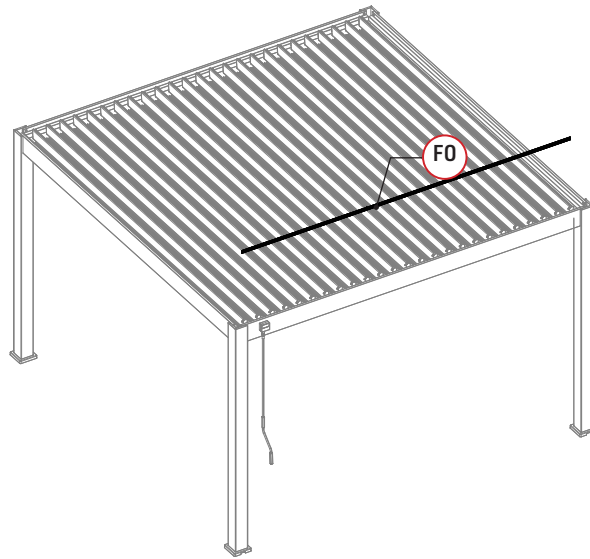


2

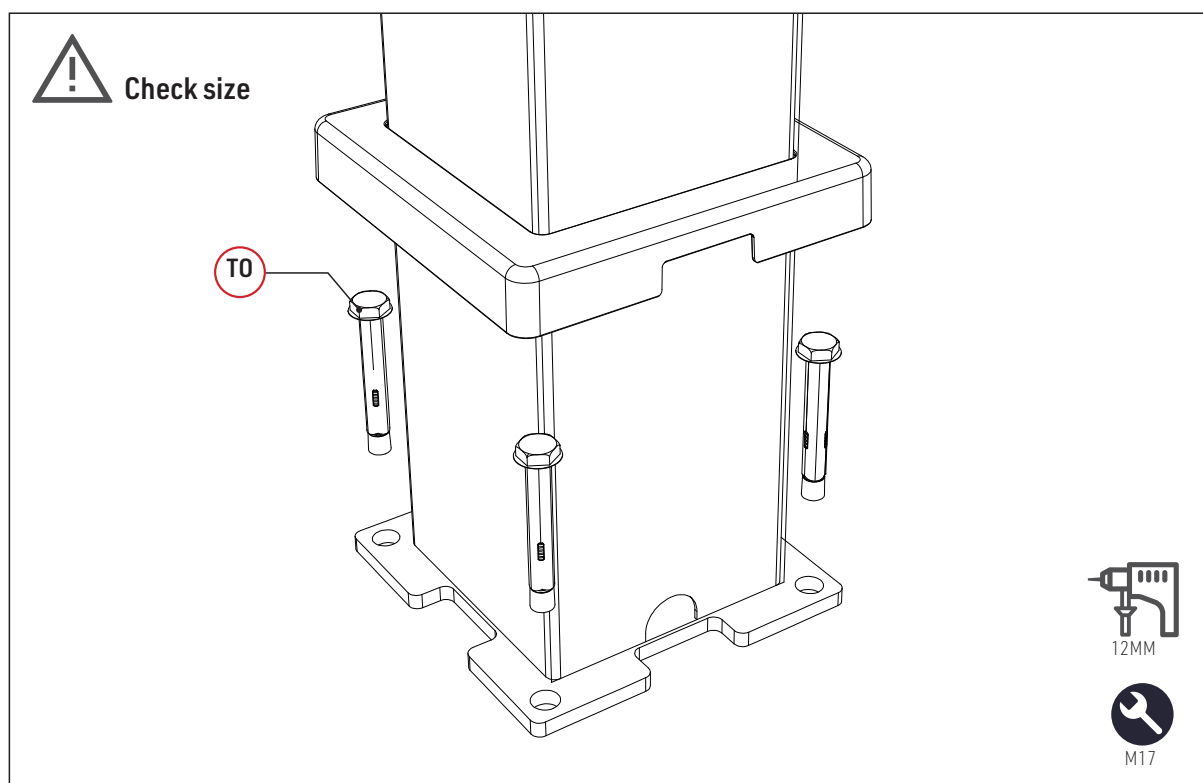
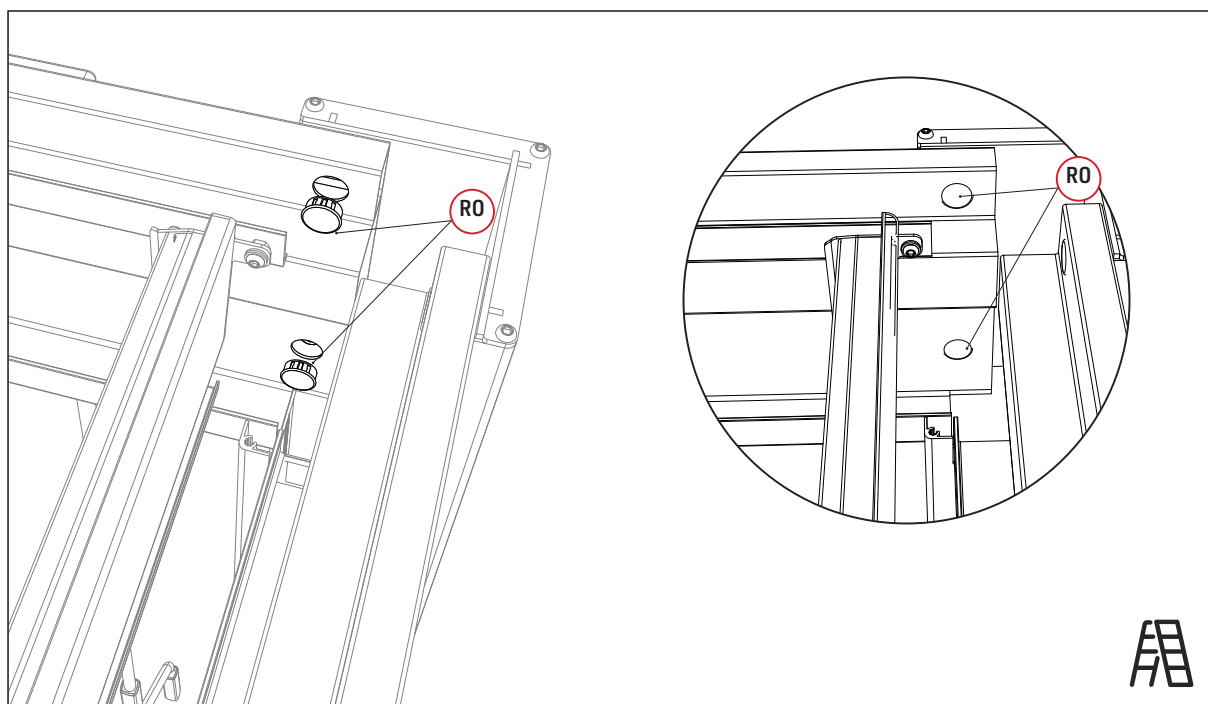


Fissate le viti **XO-2**, **VO** e **UO-1** su ciascun copri-lamella come indicato nello schema.

Fissate quindi, la barra di giunzione **FO** a tutte le lamelle con le rondelle **VO** e dadi **UO**, utilizzando un avvitatore e la punta PH2 **ZO-1** e la chiave **ZO-5** per tenere il dado.



Inserite i tappi **RO** per coprire i fori negli angoli del telaio, come indicato nello schema.



Infine, fissate la pergola a un pavimento duro e piano, utilizzando i tasselli a espansione **TO** grazie a un trapano a percussione con una punta da 12 mm (non fornita).