

**ASSEMBLY
INSTRUCTION**

**Ducale art.1145-
1146-1147**



EMU DUCALE UMBRELLA

IMPORTANT NOTICE: Please carefully review this entire instruction manual before installing or operating your EMU Ducale Umbrella.

Upon receiving your DUCALE, thoroughly inspect the contents to ensure all components are present.

If any parts are missing or damaged, please contact your dealer. Exercise caution to prevent damaging the umbrella during the assembly process.

Utilize the cardboard inserts from the packaging box to protect the umbrella during assembly.



DUCALE UMBRELLA WIND RESISTANCE GUIDELINES:

Light to Moderate Winds:

When properly installed, the Ducale Umbrella is designed to withstand light to moderate wind conditions when the canopy is fully open.

Please refer to the Emu catalogue's reference table to determine the appropriate number of ballast tiles to use.

Common-Sense Wind Guidelines:

- 1.** Do not leave the Ducale Umbrella opened when encountering windy conditions.
- 2.** As winds intensify or in anticipation of uncertain/severe weather conditions, promptly lower the canopy to the folded position and secure it to the mast.
- 3.** When not in use or unattended, the Ducale Umbrella should always be left securely folded and fastened to the mast.
- 4.** In anticipation of and during extremely severe weather conditions, it is highly recommended to dismantle and store the entire

COMPONENTS, FITTINGS & HARDWARE

A. DUCALE UMBRELLA (art.1145-1146-1147)

B. SPIGOT: serves as an integral connection point between the umbrella and the base. It attaches to the base (art. 1051) using n. 4 screws.

C. ASSEMBLY KIT: The assembly kit consists of four countersunk screws used to fasten the spigot (B) to the bases (D-F-G-H) The screws measure 30mm in length [M10X30] for bases F-G and 40mm in length for base D.

REQUIRED COMPONENTS SOLD SEPARATELY:

D. BASE: (art.1001) The base provides structural support for the umbrella and houses the ballast tiles. It is constructed from e-coated and powder-coated steel, ensuring durability and resilience for outdoor applications.

E. TILES (optional):The ballast tiles provide stability and weight to the umbrella, preventing it from toppling in windy conditions. They measure 500X500X40mm (art.948) or 500x500x45mm (art.988), with a weight of approximately 25/30 kg each.

F. GROUND MOUNTING PLATE: (art.1003) A convenient alternative when limited space restricts the use of a traditional base. The ground mounting plate anchors directly into the ground, providing secure stability for the umbrella. Please note that this option is only available if the ground is suitable for anchoring.

G. SQUARE PLATE: (art.1004) Cataphorized steel plate suitable both as ground fixing or bases that allows for potential electrification of the sunshade

H. SUBMERGED MOUNTING PLATE: (art.1090) If you prefer a clean and unobtrusive solution. It is mandatory to provide a plinth of 1500x1500x500.

OPTIONAL COMPONENTS:

I. BASE COVER: A decorative element that conceals the base of the umbrella. It is constructed from bent steel sheet and is specifically designed to accompany the tiles base (art.1002).

EMU OMBRELLONE DUCALE

IMPORTANTE: Leggere interamente questo manuale prima di installare e di aprire il tuo ombrellone DUCALE. Una volta ricevuto il tuo ombrellone DUCALE, assicurarsi che si siano ricevuti tutti i componenti. Se qualcosa manca o è danneggiato contattare il rivenditore. Fare attenzione a non danneggiare l'ombrellone in fase di montaggio. Utilizzare i cartoni dell'imballo onde evitare danneggiamenti dell'ombrellone durante il montaggio.



LINEE GUIDA SULLA RESISTENZA AL VENTO DELL'OMBRELLONE MAGGIORE:

Venti da leggeri a moderati.

Una volta installato correttamente l'ombrellone DUCALE, lo stesso è adatto per essere utilizzato in condizioni di vento leggero a moderato nella posizione con il telo aperto.

Verificare il numero di mattonelle da usare come zavorra nella tabella riportata nel catalogo EMU.

Per cortesia seguire queste linee guida:

1. Non tenere l'ombrellone DUCALE aperto in presenza di condizioni atmosferiche ventose.
2. Quando il vento diventa più forte o prima di condizioni atmosferiche incerte e preoccupanti, l'ombrellone deve essere chiuso, abbassato e legato.
3. L'ombrellone va tenuto in posizione chiusa e legato al palo centrale in condizioni di non utilizzo.
4. Prima o durante condizioni meteorologiche estremamente gravi, è consigliabile rimuovere e proteggere al chiuso l'intero ombrellone DUCALE.

COMPONENTI E VITERIE:

A. OMBRELLONE DUCALE (art. 1145-1146-1147)

B. SPIGOT: Lo spigot dell'ombrellone Ducale deve essere assemblato alla base da n.4 viti (c.1).

C. KIT D'ASSEMBLAGGIO: Otto viti svasate che serviranno a fissare lo spigot (B) alla base(E). Le viti sono lunghe 55mm [M12X55].

COMPONENTI NECESSARI VENDUTI SEPARATAMENTE

D. BASE: (art.1001) è in acciaio trattato per un uso esterno, e costituisce l'alloggiamento per le mattonelle di zavorra.

E. MATTONELLE: (facoltative) misurano 500x500x40 (art. o 45mm pesando 16/20kg a seconda della mattonella scelta).

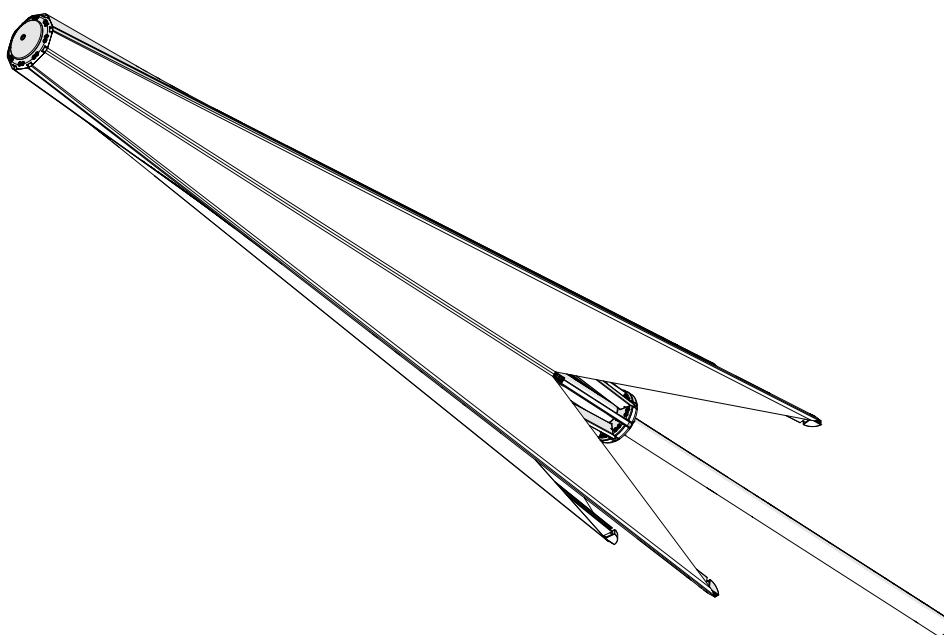
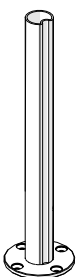
F. FISSAGGIO A TERRA: (art.1003) Utile se non si ha spazio per il basamento e si ha un pavimento idoneo per l'ancoraggio a terra dell'ombrellone

G. PIASTRA QUADRATA: (art.1004)

H. FISSAGGIO DA CEMENTAZIONE: (art.1090) Se si predilige qualcosa di pulito e non ingombrante. E' obbligatorio prevedere un plinto 1500x1500x500

OPTIONAL

I. COVER (art.1002) in acciaio inossidabile

A**B****C**

D.1- 1x TCCE
M8X70
10501349



D.2- 2x Washer
Ø 8
10505003



D.3- 1x Bolts M8
10504119



D.4- 4x TPS
M10X30
10501453



D.5- 6mm Allen
key
10533004

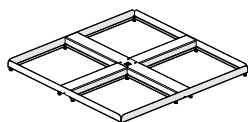
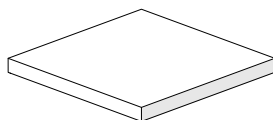
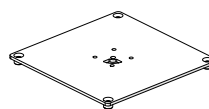
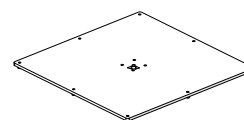
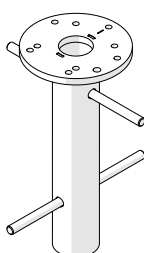
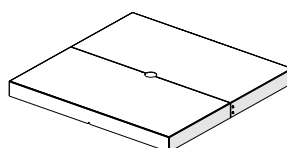


D.6- Wrench
10533016

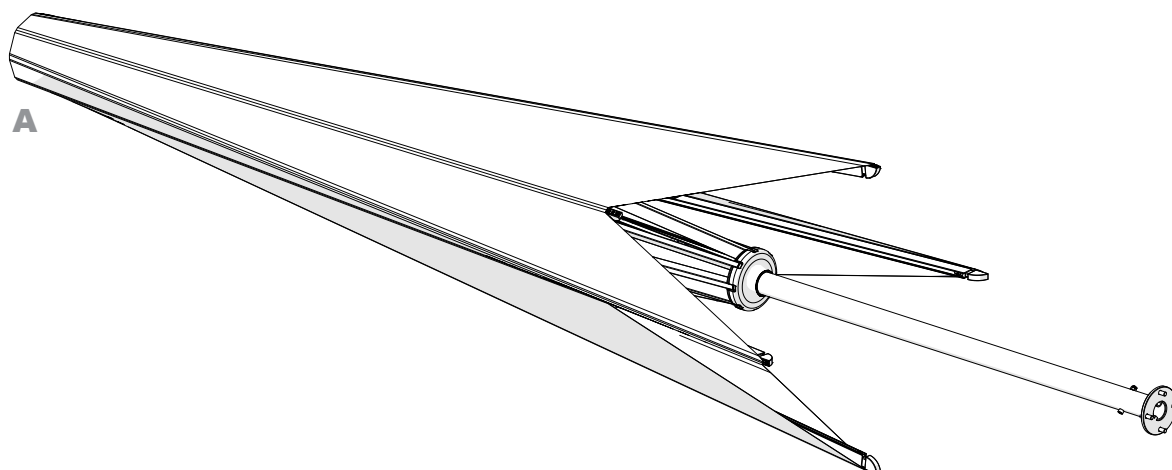


D.7- Nylon ring
10513088

Con Ducale art.1145-1146-1147
with Ducale art.1145-1146-1147

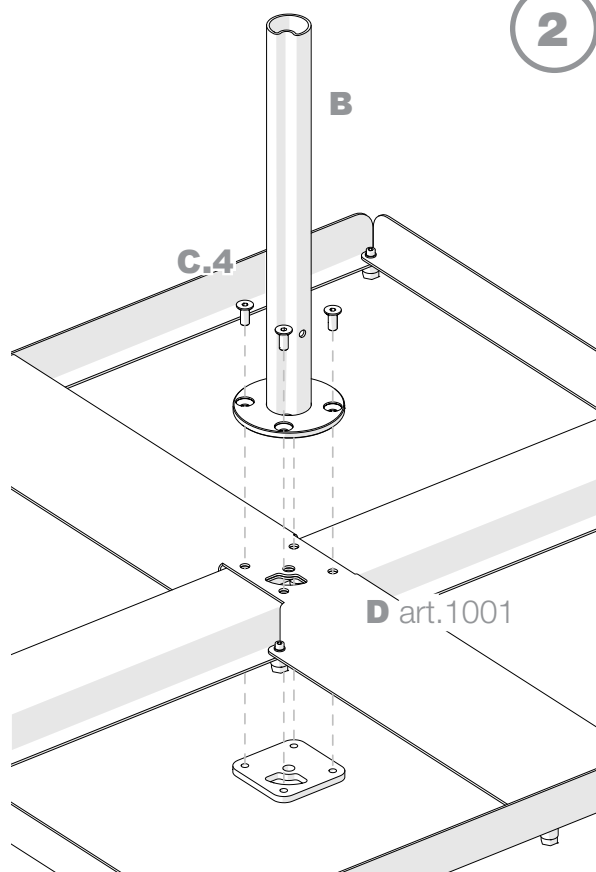
D**E****F****G****H****I**

1

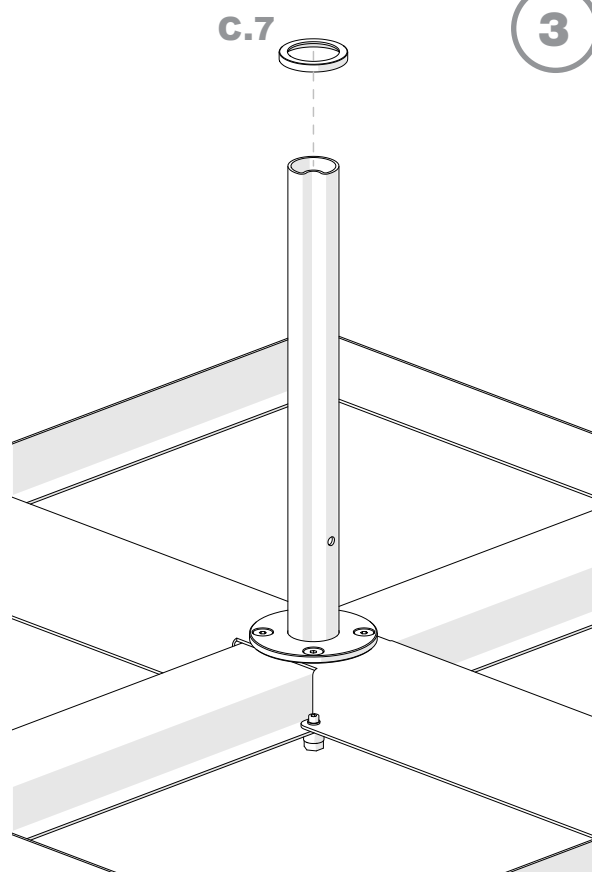


art.1045-1046-1047

2



3

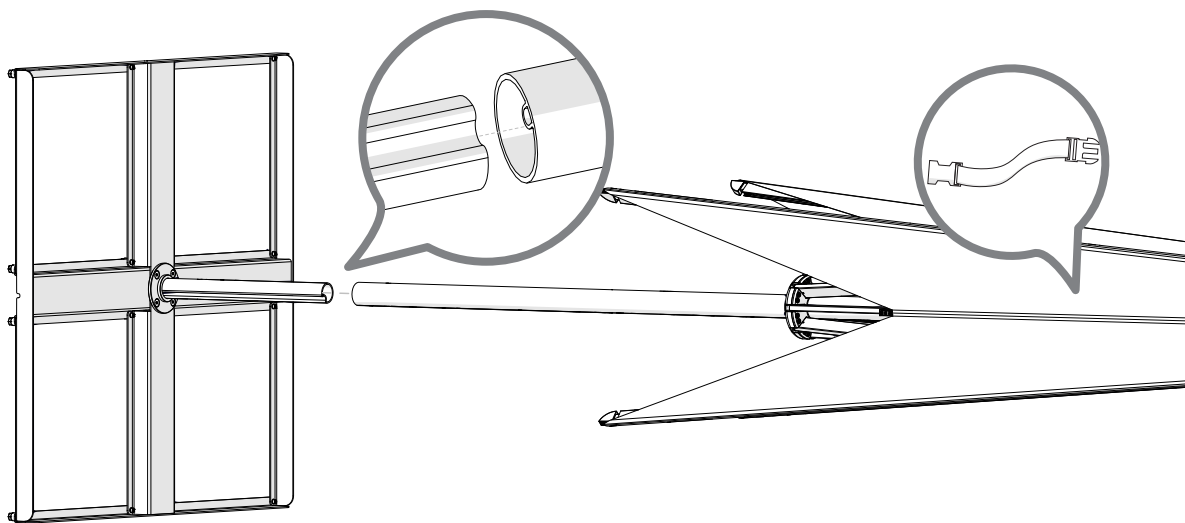




Durante il montaggio tenere
l'ombrellone legato con la cinghia.

Keep the sunshade tied during
assembly

4

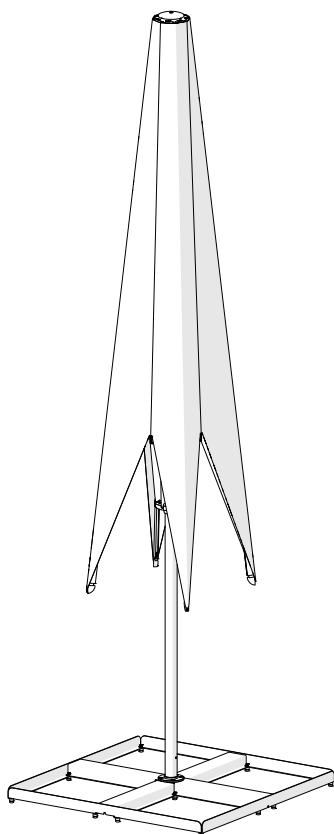


Se previsto il kit luci **art.1072**, procedere con il
passaggio del cavo di alimentazione attraverso
il foro laterale, come riportato sulle istruzioni del
suddetto articolo.

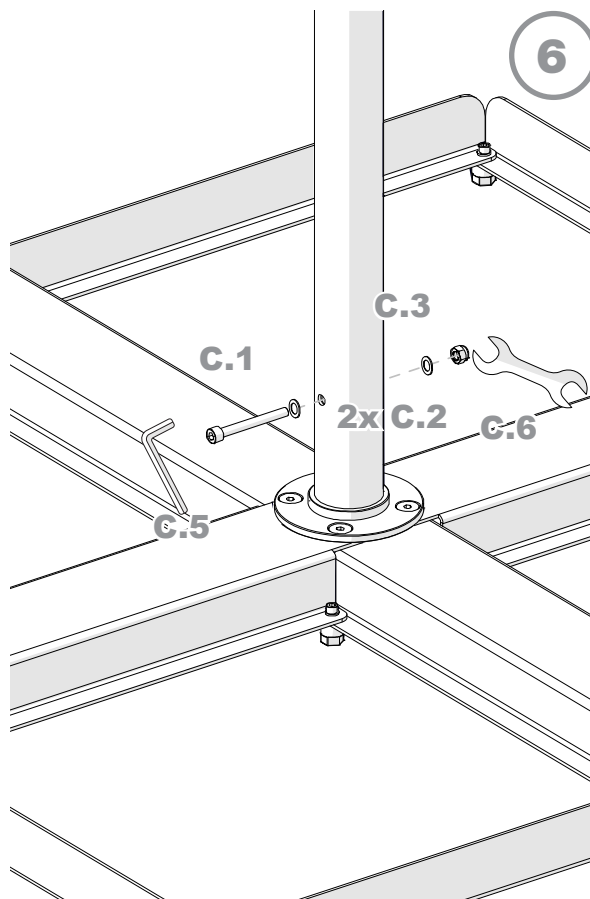


If provided kit led **art.1072**, proceed with routing
the power cable through the lateral hole, as
reported on the kit led assembly instructions

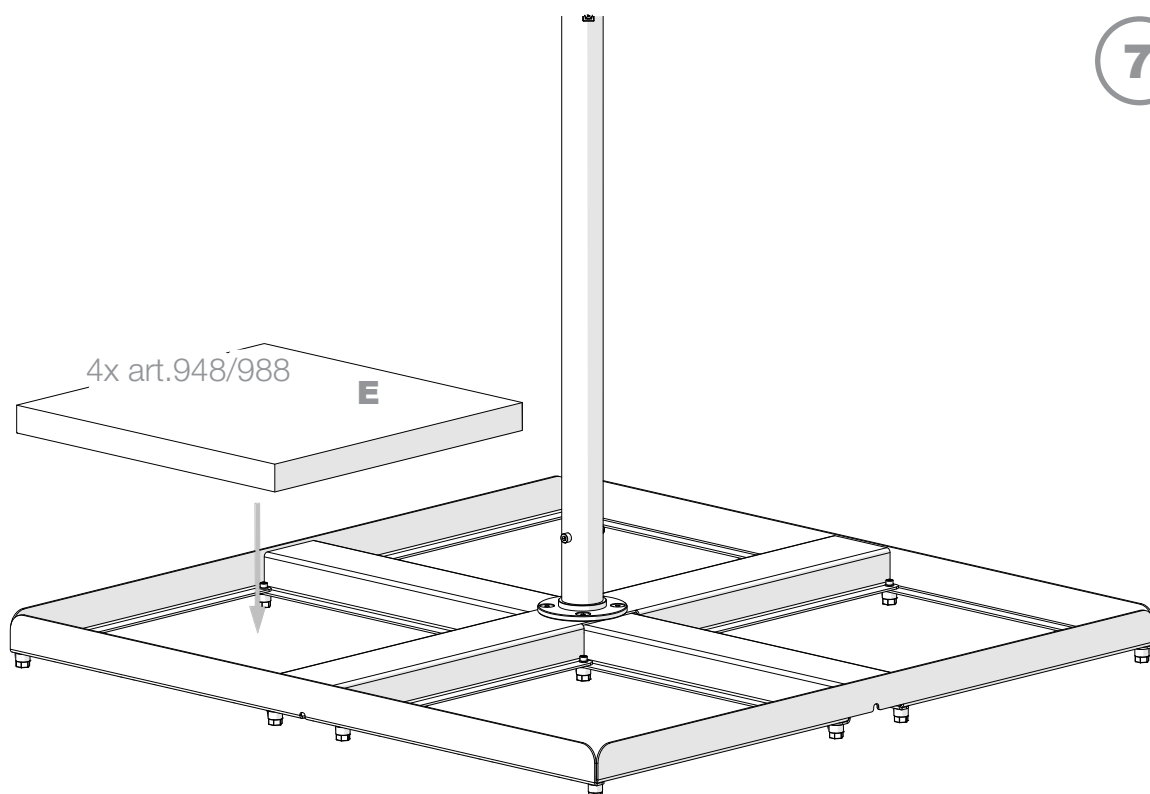
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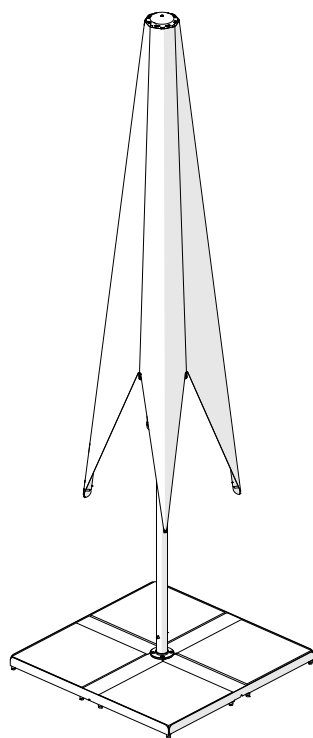
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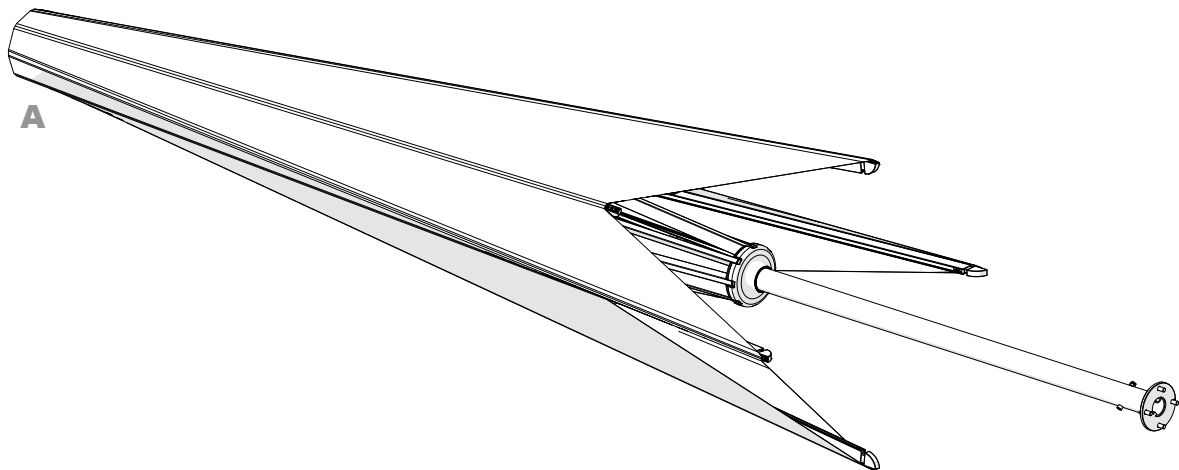
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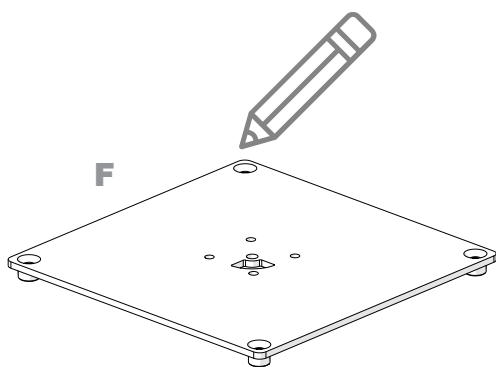
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art.1045-1046-1047

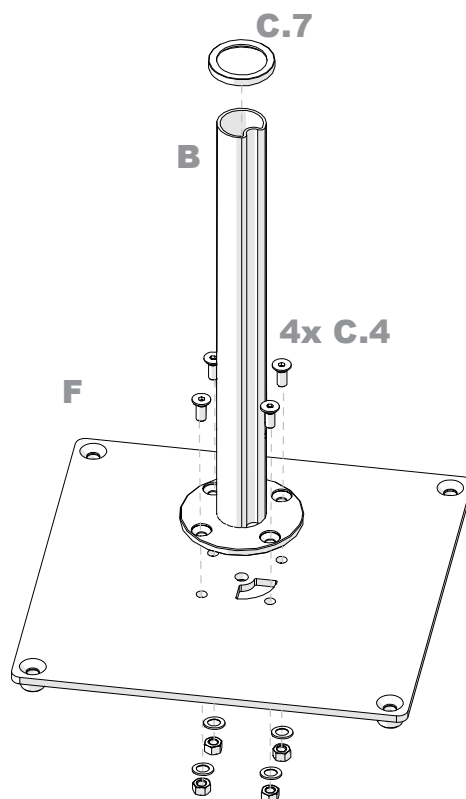
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art.1003

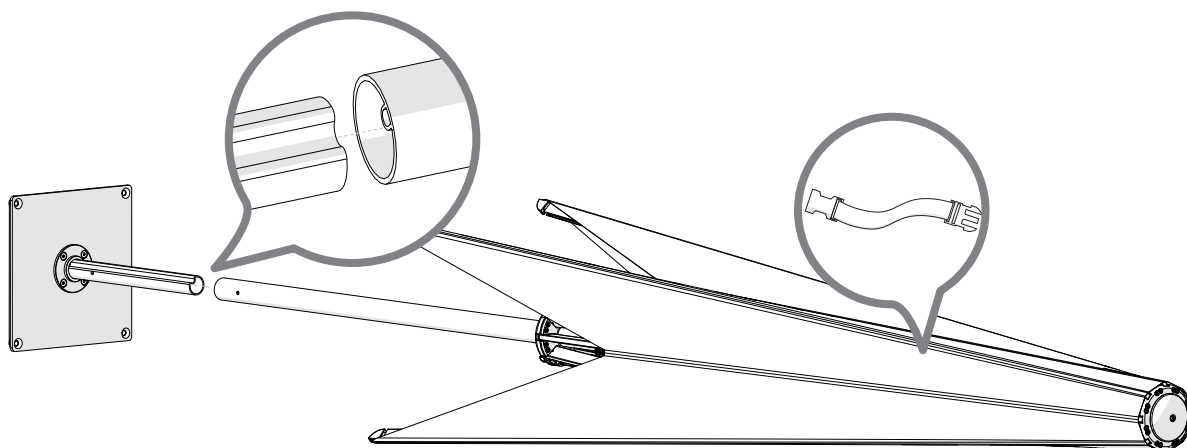
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Durante il montaggio tenere l'ombrellone legato con la cinghia.

Keep the sunshade tied during assembly

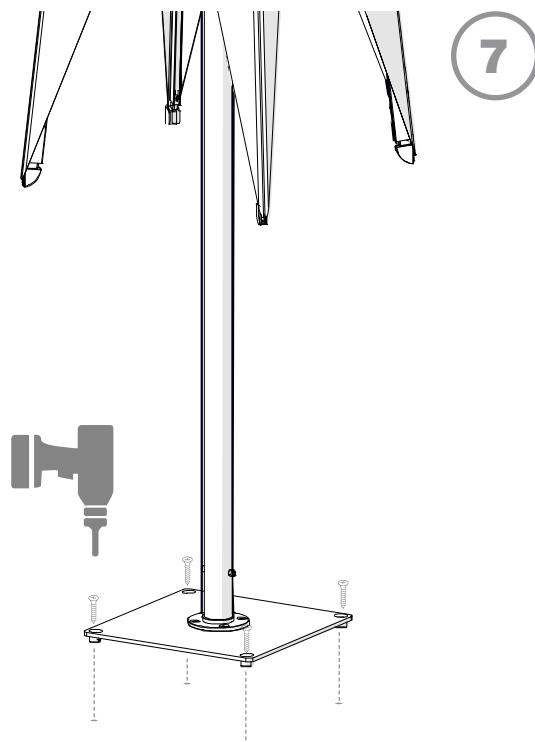
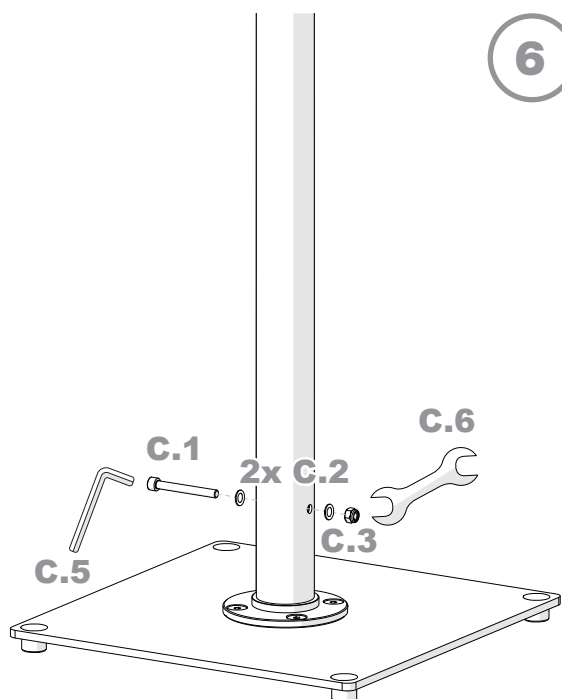
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Se previsto il kit luci **art.1072**, procedere con il passaggio del cavo di alimentazione attraverso il foro laterale, come riportato sulle istruzioni del suddetto articolo.



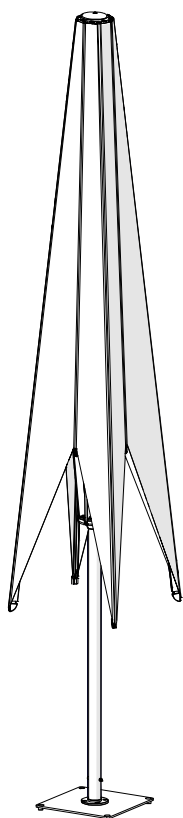
If provided kit led **art.1072**, proceed with routing the power cable through the lateral hole, as reported on the kit led assembly instructions



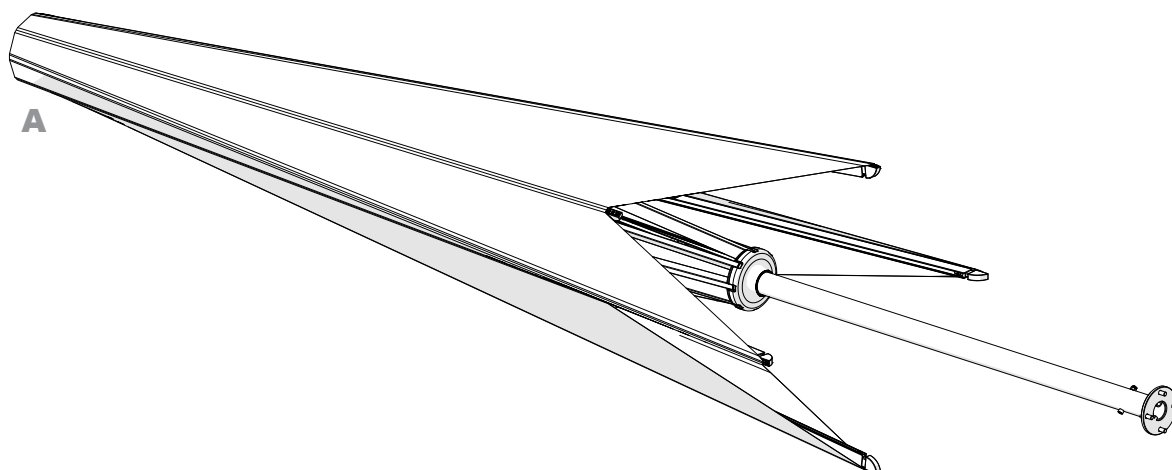
Attenzione! viti per fissaggio alla pavimentazione non sono incluse, scegliere viti idonee alla pavimentazione



Warning! Ground fixing screws are not included, choose screws ground adequate

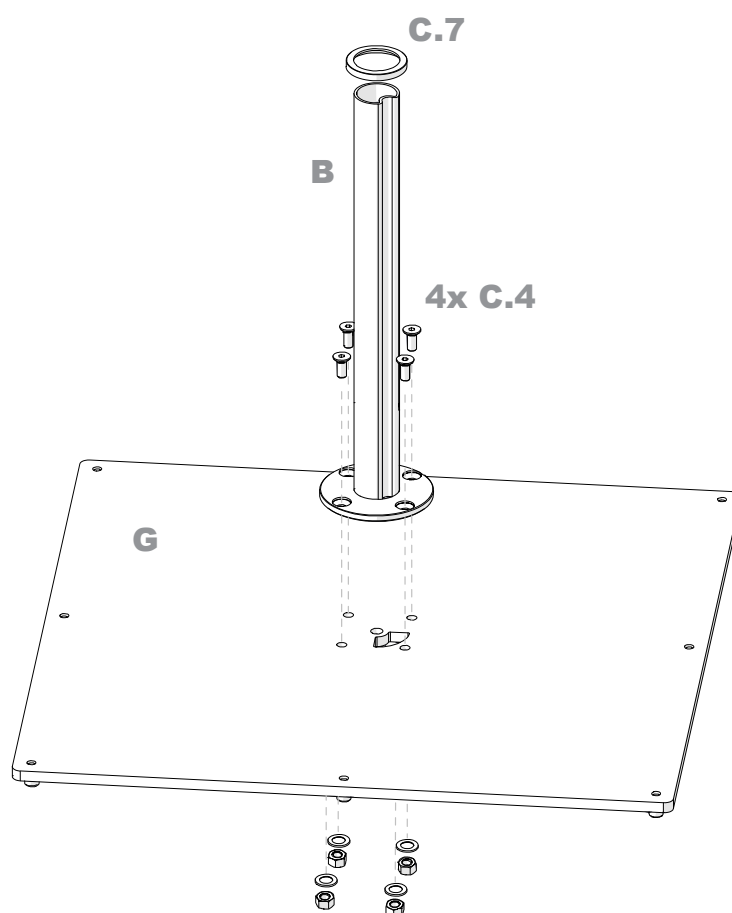


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art.1045-1046-1047

2



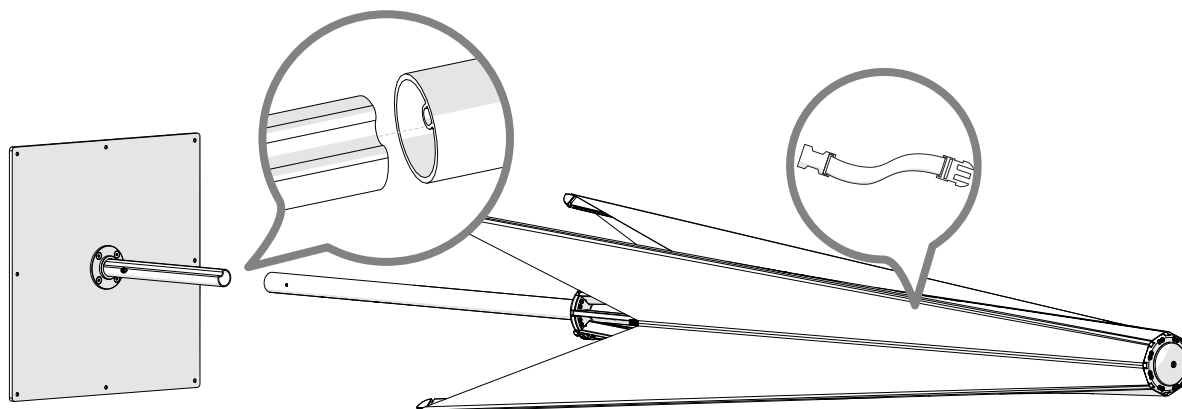
art.1004



Durante il montaggio tenere
l'ombrellone legato con la cinghia.

Keep the sunshade tied during
assembly

3

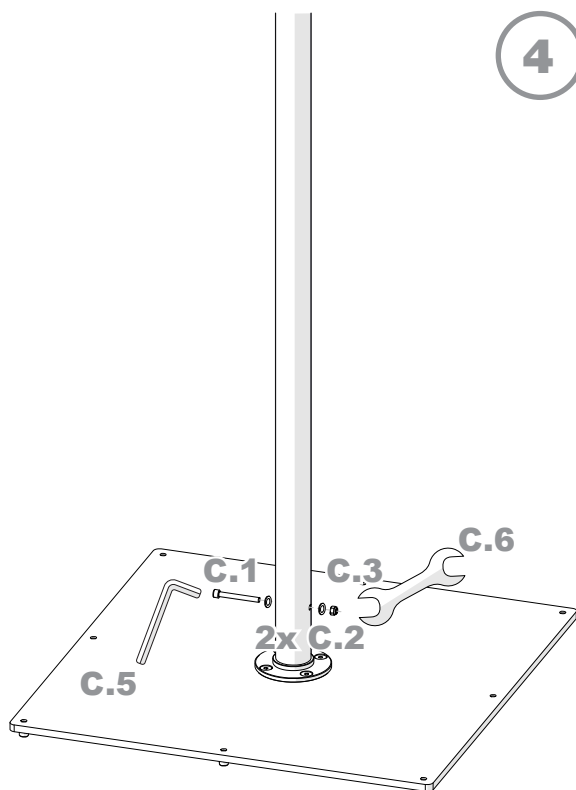


Se previsto il kit luci **art.1072**, procedere con il
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il foro laterale, come riportato sulle istruzioni del
suddetto articolo.

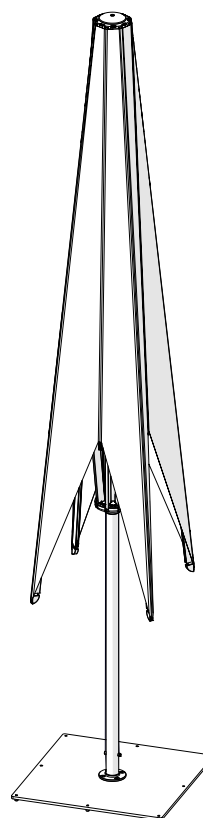


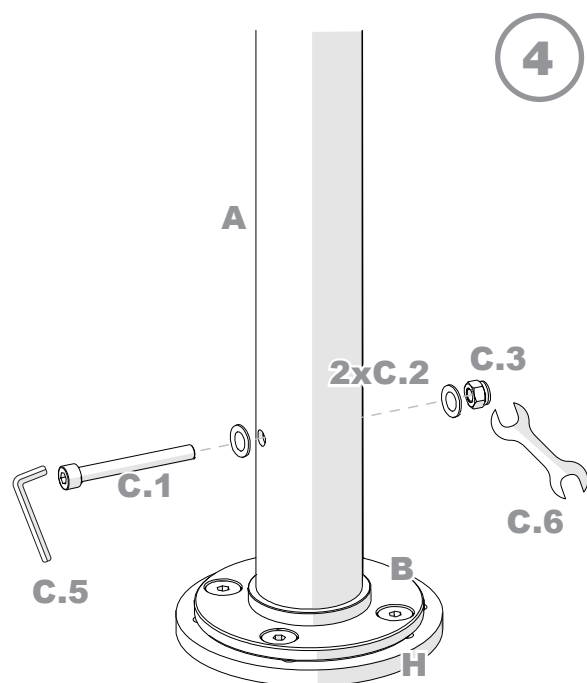
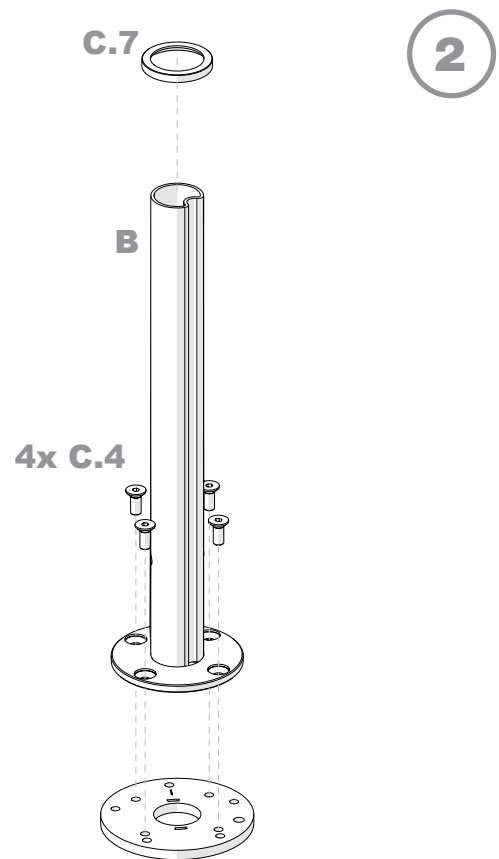
If provided kit led **art.1072**, proceed with routing
the power cable through the lateral hole, as
reported on the kit led assembly instructions

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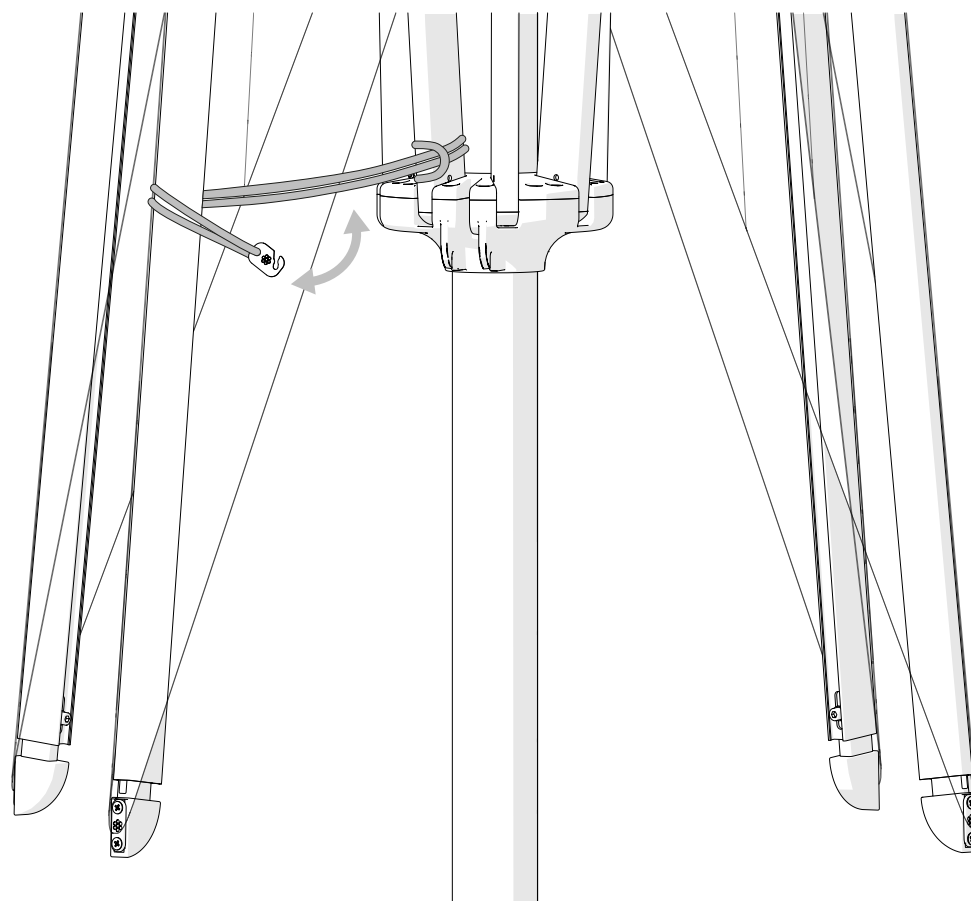
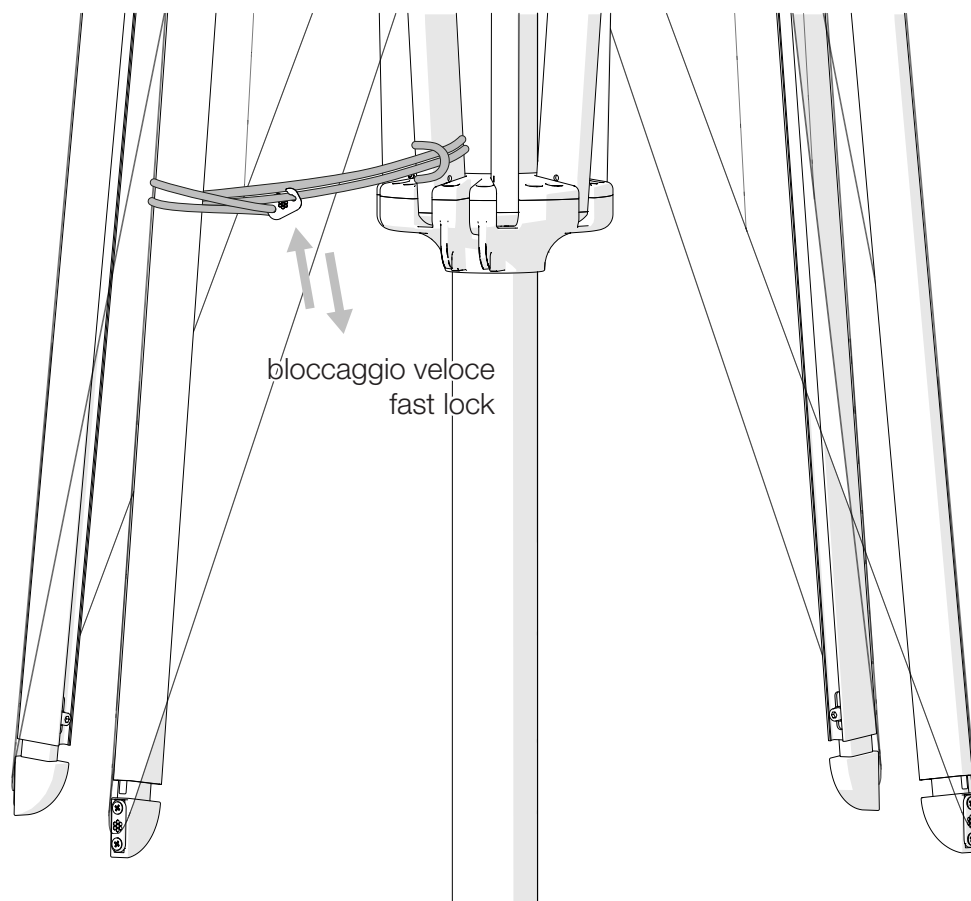


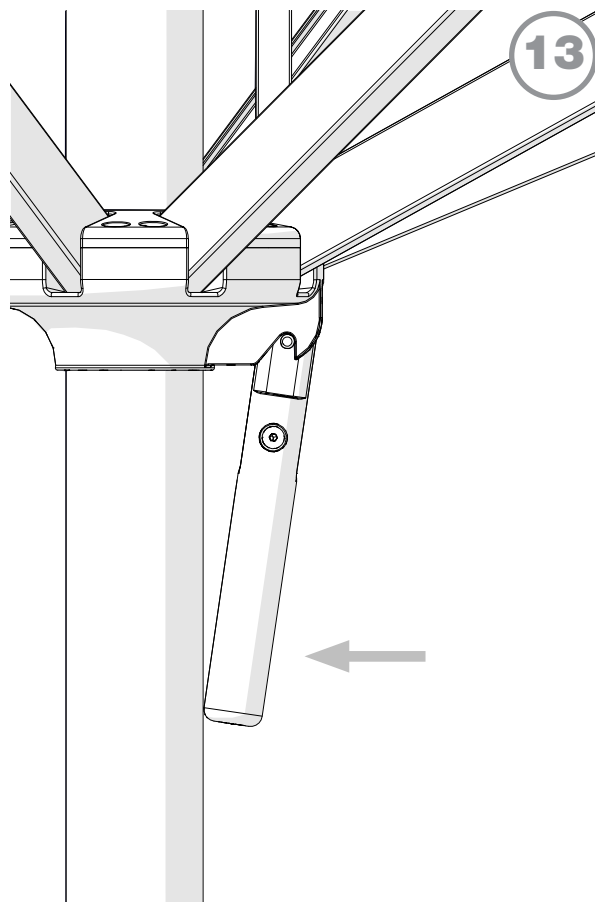
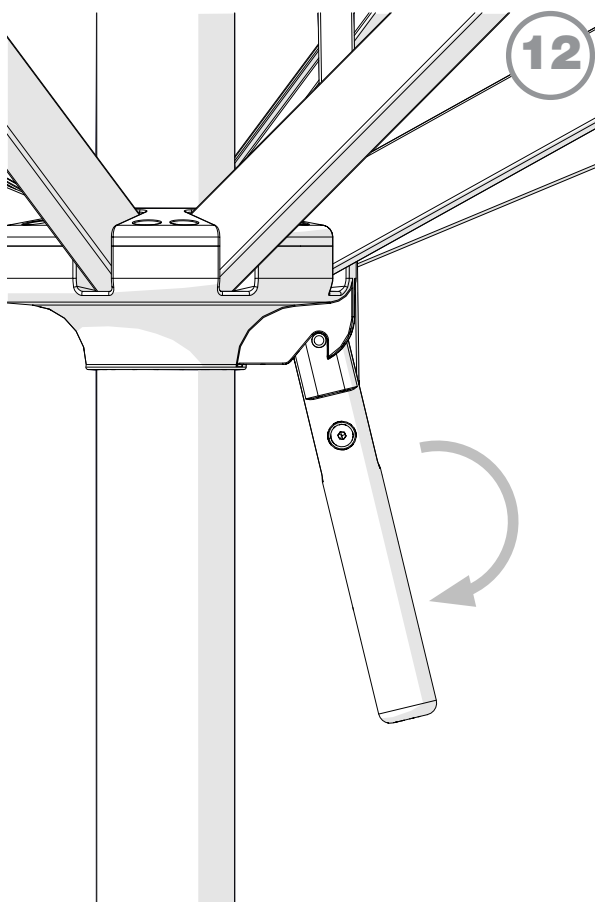
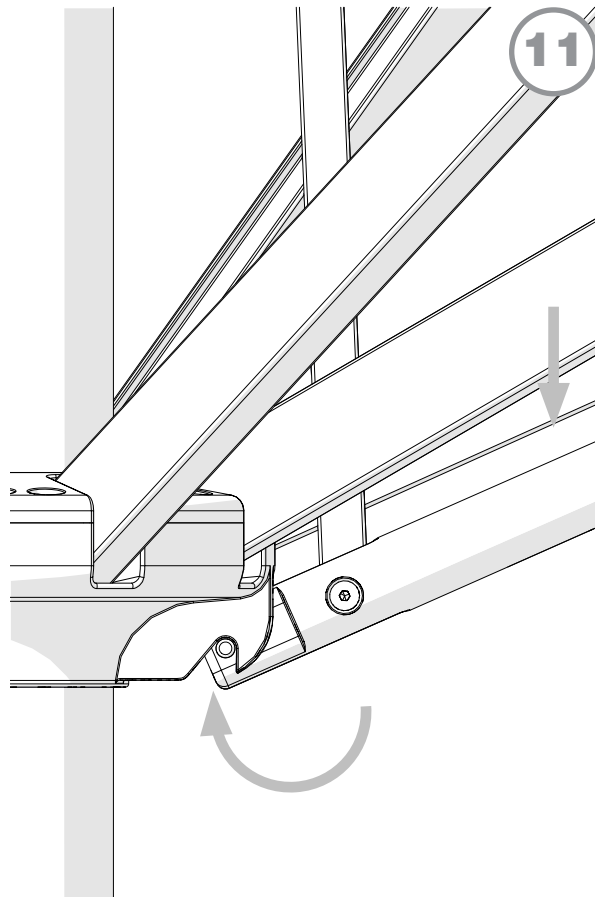
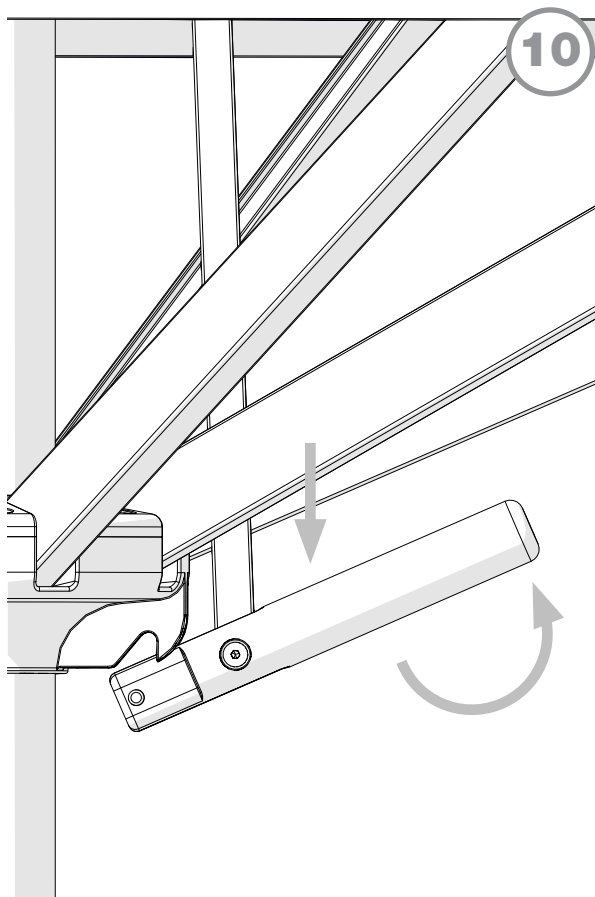
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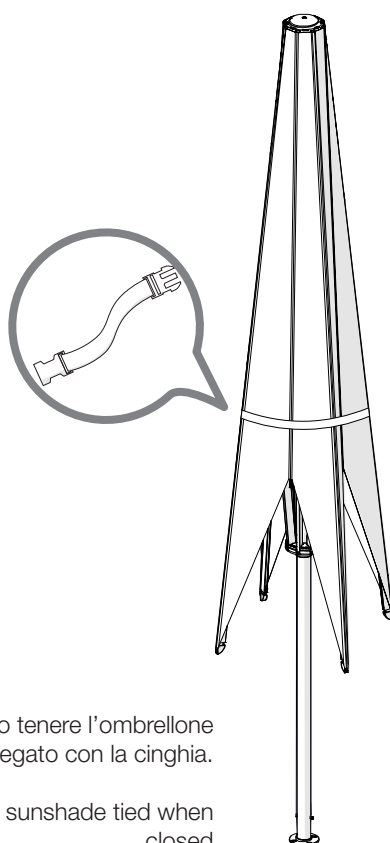


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14



quando chiuso tenere l'ombrellone
legato con la cinghia.

Keep the sunshade tied when
closed

MAINTENANCE OF SUNSHADE FRAME & FITTINGS

1. Hose down with water the mast and frame periodically, more often if installed in a salty or industrial environment. Do not use aggressive chemical liquids or sea water.
2. Inspect the installation fitting on a regular basis and tighten if necessary.
3. Lubricate the hub and inside mast mechanism as needed to enhance the ease of operation. Teflon spray or WD40 is recommended. (Spray 3-4 times per year)

MAINTENANCE OF MAGGIORE CANOPY FABRIC

1. Clean up spills and stains right away. Spills can be removed by using a clean, absorbent cloth.
2. For general maintenance, use a soft brush to remove dust and dry soil or wash down with clean, warm water (i.e. garden hose) every so often so dirt does not become ingrained. Allow the fabric to dry naturally before closing the canopy.
3. If a thorough cleaning is necessary, sponge over the fabric using a mild soap solution (2% solution). Rinse well with plenty of water to remove all soap residues.
4. Never use detergents, cleaning fluids or solvents. Grease and oil stains may be removed by using turpentine or similar with an absorbent cloth.
5. We recommend giving the canopy a good cleaning on a more frequent basis if installed in a location where the canopy is likely to become soiled.

WARRANTY

Maggiore is guaranteed by the manufacturer (Emu Group S.p.A.) against faulty workmanship, mechanical failure and defective materials of the items and complements found at the product purchasing. DUCALE canopy fabric is guaranteed against heavy discoloration or fading. Warranty is valid 2 years since the product purchasing day.

If you find defects during the warranty time period, Emu Group S.p.A. will check the product and evaluate if it can be covered by the warranty. Afterwards, Emu Group S.p.A. will recover the product if it is defective, or replace it with a similar product, according to the current regulations.

Warranty is valid since the product purchasing day and it needs to exhibit original receipt of the product.

Warranty is not valid for products that have not been well assembled, maintained, and used in a suitable way, and which have been modified, altered or cleaned up with improper procedures and products.

Warranty doesn't cover usual strain, scratches or other damages due to accidents, careless use, lack of maintenance, and improper use of the product.

Warranty doesn't cover accidental damages due to uncertain/severe weather conditions.

WARNINGS

Check periodically (not less that one time per week) all the components and the junctions of the sunshade.

Do not place the base on movable or raised bases, bases with wheels, sloped floors, or any unstable ground. If you need to place the umbrella on a sloped ground/floor, it must be anchored to the ground/floor.

Place DUCALE in safe areas, without any kind of risks and obstacles.

Please, do not leave DUCALE carelessly open, even if the weather is not windy.

If the ballasts are damaged, please replace them, and do not keep using the umbrellas with the damaged ones.

Do not allow children or unqualified people to use components of the umbrella, in order not to make them dangerous because of an improper use.

Emu Group S.p.A. is not responsible for damage to things, people, and DUCALE itself, due to improper use or incorrect installation.

MANUTENZIONE DELLA STRUTTURA DELL'OMBRELLONE E VITERIE

1. Pulire con un getto d'acqua il palo laterale e la struttura di alluminio periodicamente, e più spesso se l'ombrellone è stato installato in un ambiente marino o industriale. Non usare saponi aggressivi o acqua di mare.
2. Verificare l'assemblaggio delle viterie sulla base e serrare periodicamente se necessario.
3. Lubrificare l'hub e i pali, per rendere più semplice lo scorrimento sul palo laterale. Sono consigliati spray lubrificanti al teflon, 3-4 volte per anno.

MANUTENZIONE DEL TESSUTO DELL'OMBRELLONE

1. Pulire macchie presenti sul telo, utilizzando un panno pulito ed assorbente.
2. Per una manutenzione generale, usare una spazzola morbida per rimuovere la polvere o terra secca, o sciacquare spesso con acqua calda e pulita spesso per non far radicare la sporcizia nel tessuto. Permettere al tessuto di asciugarsi naturalmente prima di chiudere l'ombrellone.
3. Se è necessaria una pulizia radicale, pulire con una spugna usando una delicata soluzione di sapone neutro (2% in soluzione). Risciacquare abbondantemente e interamente il telo per rimuovere residui di sapone.
4. Non usare mai detergenti e solventi. Macchie di grasso e olio possono essere rimosse usando opportuni smacchiatori idonei per tessuto acrilico con un panno assorbente.
5. Si raccomanda di pulire il telo dell'ombrellone molto frequentemente, se installato in un posto in cui è soggetto a diventare sporco facilmente.

GARANZIA

La garanzia copre eventuali difetti riscontrati nei materiali e nella realizzazione dei componenti del DUCALE e complementi dalla data di acquisto. La garanzia copre eventuali notevoli scolorimenti del tessuto dell'ombrellone.

La garanzia è valida 2 anni a partire dalla data di acquisto del prodotto.

Nel caso in cui si riscontrassero difetti nel periodo di garanzia, Emu Group S.p.A. esaminerà il prodotto e valuterà se il problema rientra nella copertura della garanzia. A seguito dell'esame del prodotto, Emu Group S.p.A. riparerà lo stesso se difettoso o provvederà a sostituirlo con un prodotto uguale o paragonabile, a suo giudizio, nel rispetto della normativa vigente.

La garanzia è valida a partire dalla data di acquisto del prodotto ed è necessario esibire lo scontrino in originale del prodotto.

La garanzia non è applicata al prodotto che è stato conservato o montato in modo non corretto, usato in modo non adeguato, che è stato manomesso, alterato o pulito con procedure o prodotti non idonei. La garanzia non copre il normale logorio, tagli, graffi oppure danni provocati da urti, incidenti, mancanza di manutenzione e uso improprio del prodotto. La garanzia non copre danni accidentali dovuti a condizioni meteorologiche.

AVVERTENZE D'USO

Verificare periodicamente (almeno ogni settimana) tutte le parti in movimento e le varie giunzioni del DUCALE.

Non posizionare il basamento del DUCALE su: piedistalli mobili o rialzati, carrelli con ruote, piani inclinati, e qualsiasi tipo di terreno instabile. Dove si renda indispensabile posizionare l'ombrellone su un piano inclinato è necessario ancorare il prodotto al pavimento.

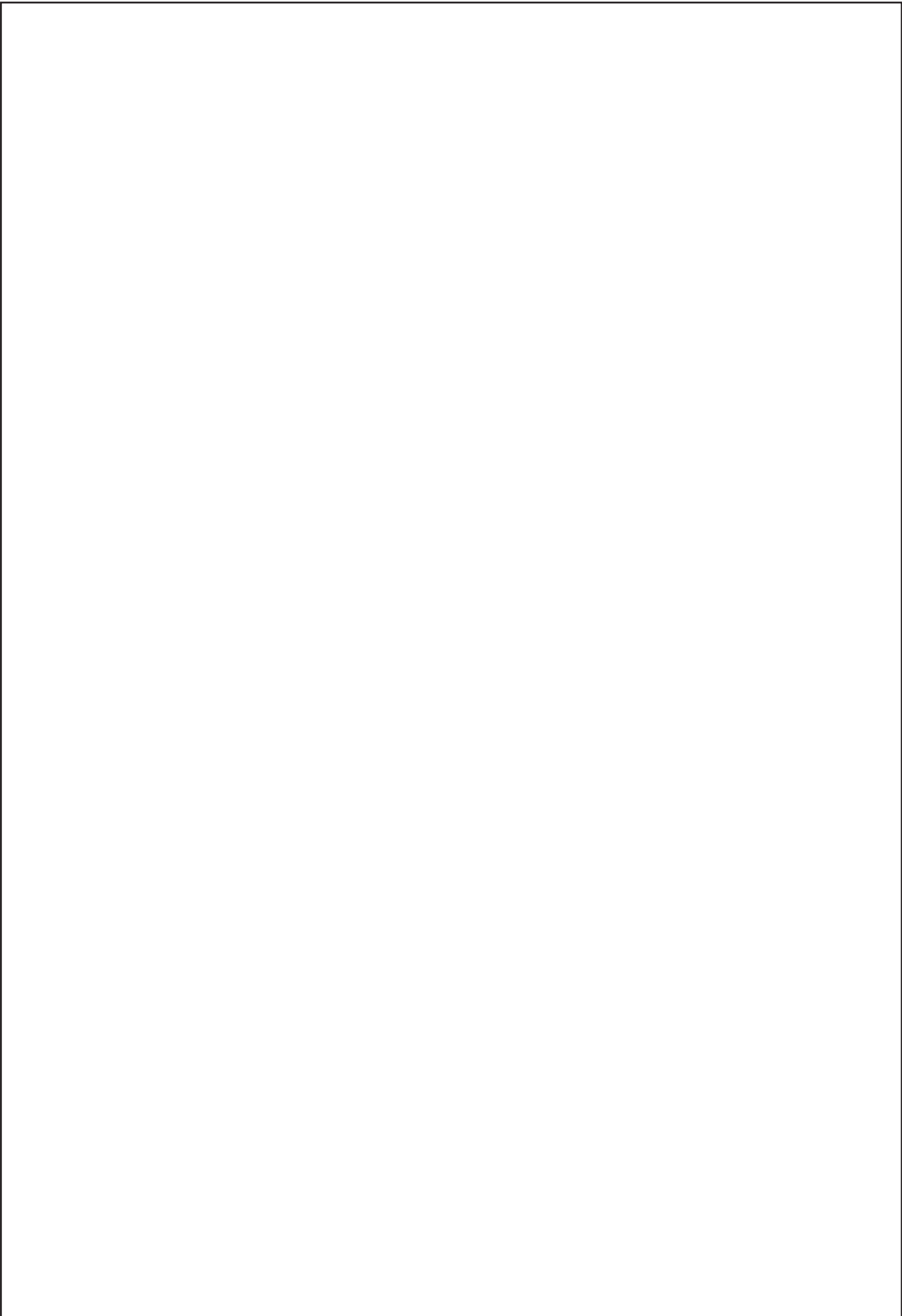
E' necessario posizionare DUCALE all'interno di zone sicure e prive di qualsiasi tipologia di rischio.

Non lasciare mai DUCALE aperto incostituito, anche in assenza di vento.

Se la zavorra presenta segni di deterioramento provvedere a sostituire le parti deteriorate, non utilizzare DUCALE con parti di zavorra mancanti o rotte.

Non permettere a bambini o persone non competenti di utilizzare i componenti dell'ombrellone, affinché gli stessi non diventino pericolosi per un uso improprio.

La Emu Group S.p.A. non si assume nessuna responsabilità qualora, a causa di un uso improprio, di errata installazione, della non osservanza di queste condizioni, si provochino danni a cose, persone o allo stesso ombrellone.



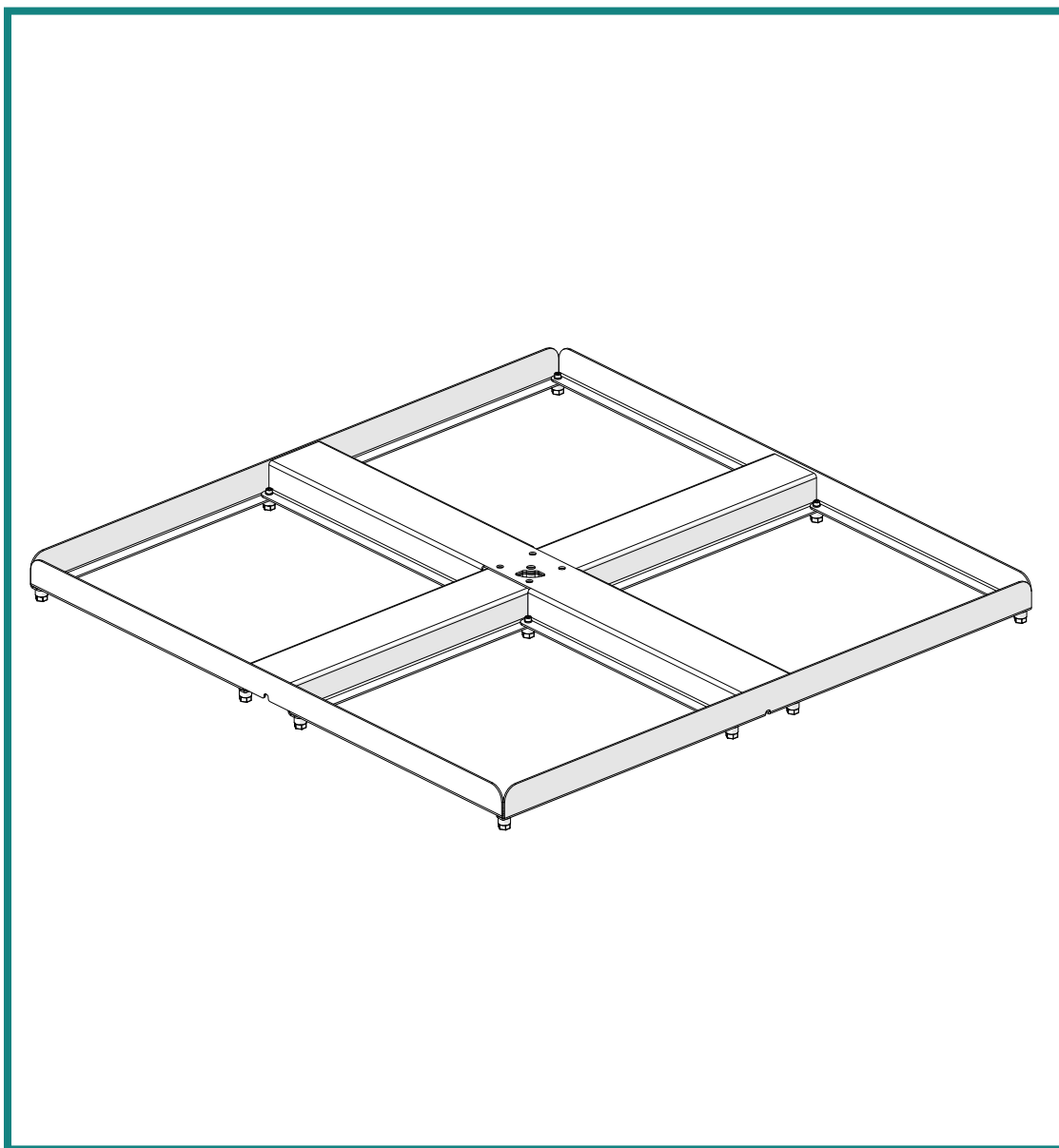


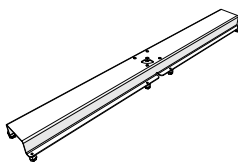
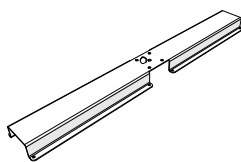
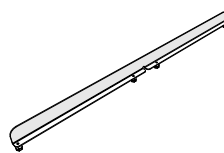
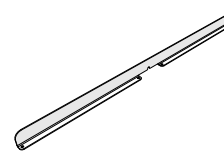
EMU Group S.p.A

06055 Marsciano (Perugia)- ITALY- Tel.075.874021- Fax.075.8743903
e-mail:info@emu.it- www.emu.it

ASSEMBLY INSTRUCTION

Piastra art.1001



A**B****C****D****E**

E.1- 16x TCCE
M6X25
10501160



E.2- 16x Washer
Ø 6
10505002



E.3- 16x Bolts M6
10504033



E.4- 4x TPS
M10X40
10501361



E.5- 16x
10513090



E.6- 5mm Allen
key
10533001



E.7- Wrench
10533017



E.8- 4x Bolts M10
10504021



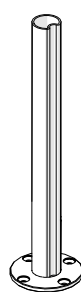
E.9- 4x Washer
Ø 10
10505036



E.10- Piastra di
rinforzo



E.11- Disco di
riduzione

F**G**

G.1- 1x TCCE
M8X70
10501349



G.2- 2x Washer
Ø8
10505003

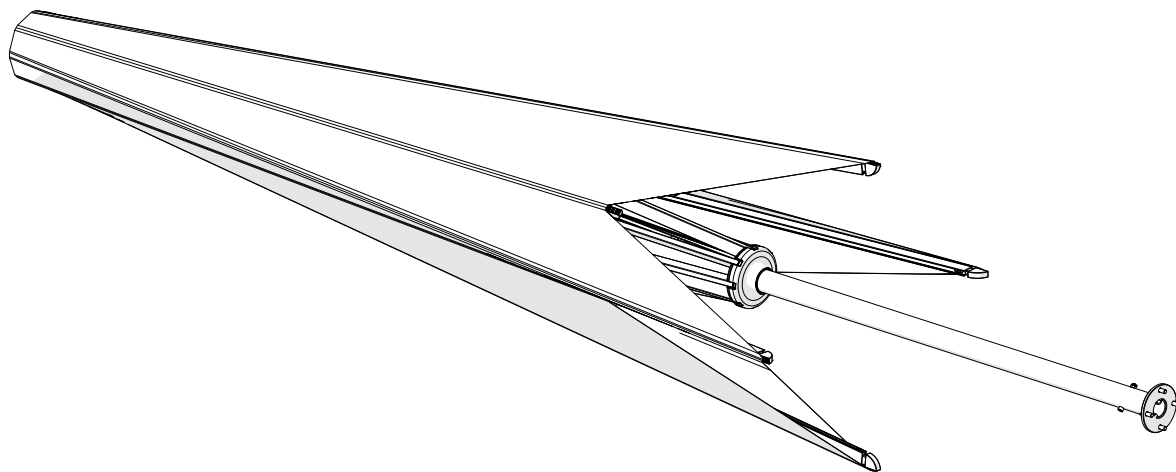


G.3- 1x Bolts M8
10504119



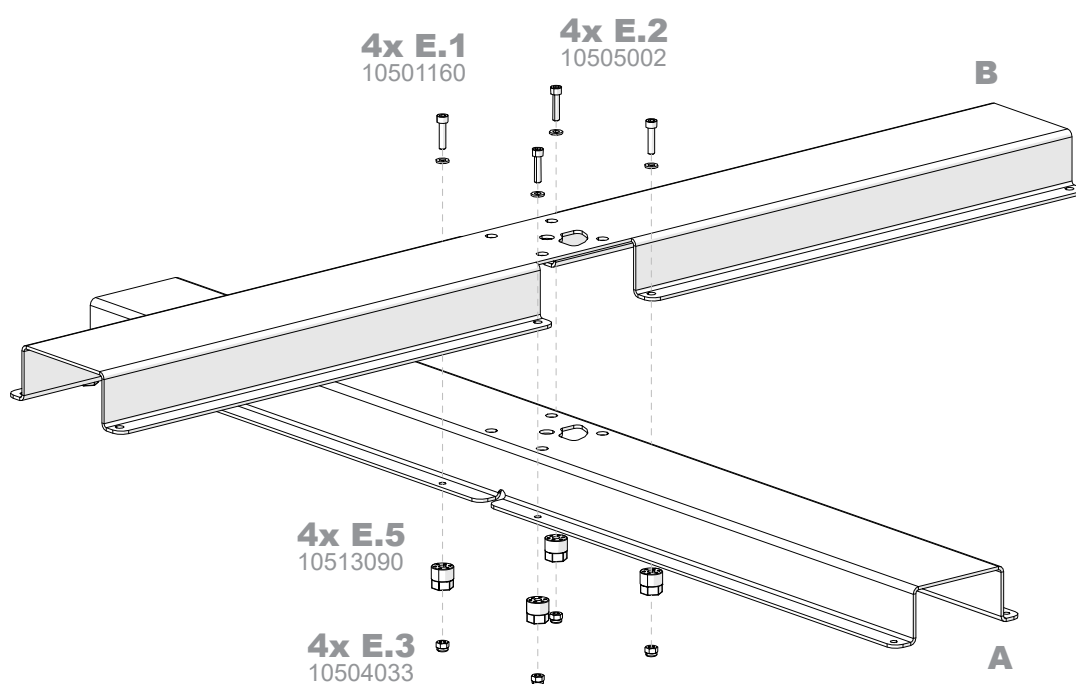
G.4- Nylon ring
10513088

Con Ducale art.1145-1146-1147
with Ducale art.1145-1146-1147

1

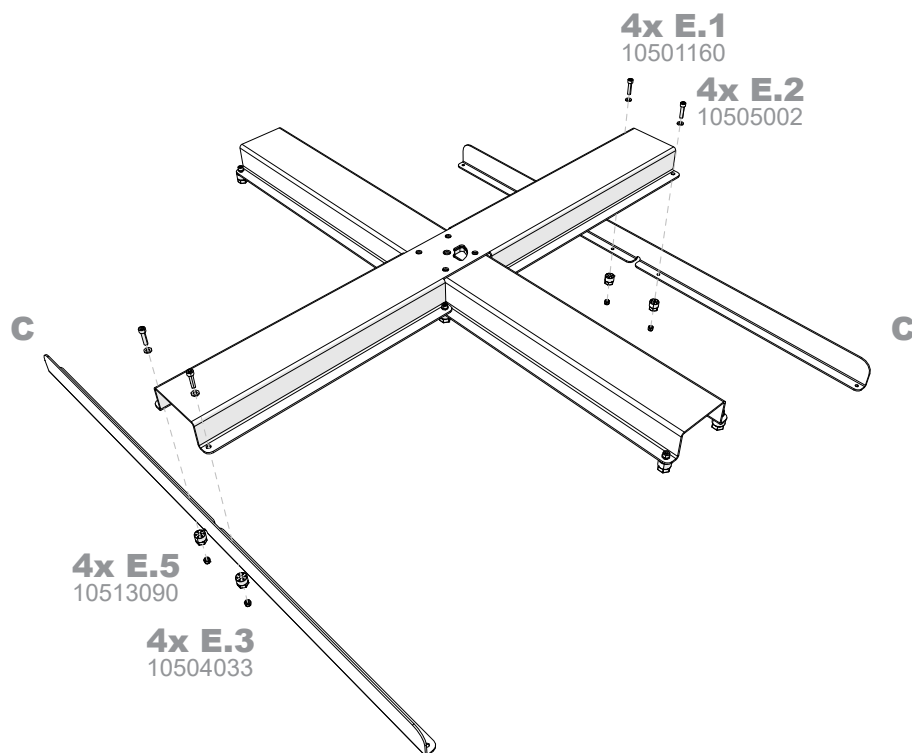
art.1145-1146-1147

2

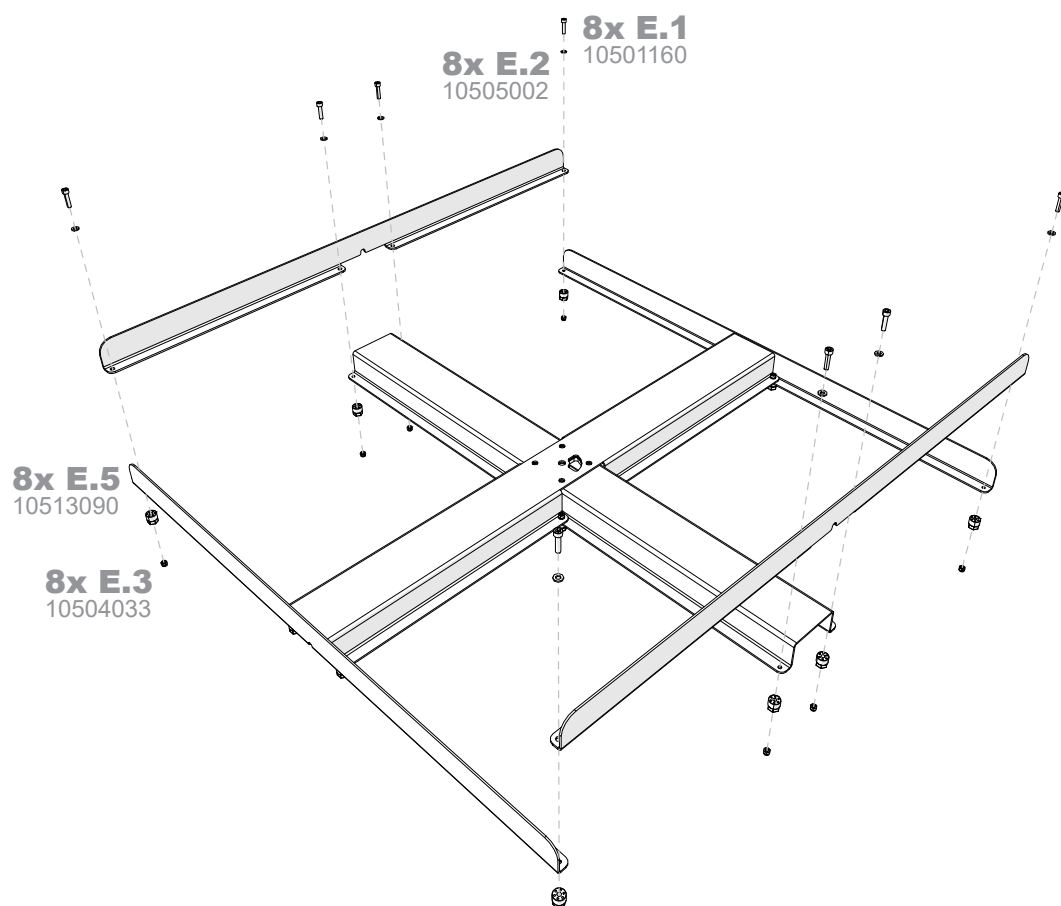


art.1001

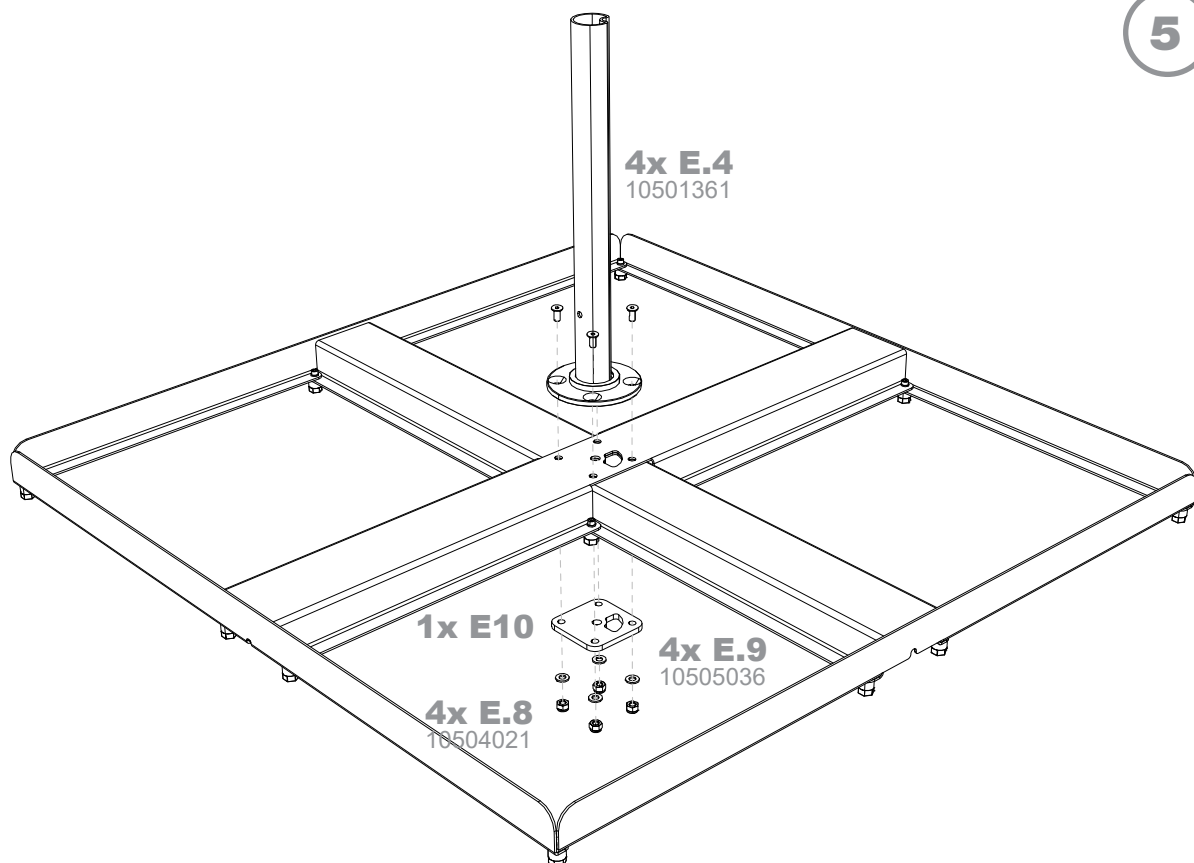
3



4

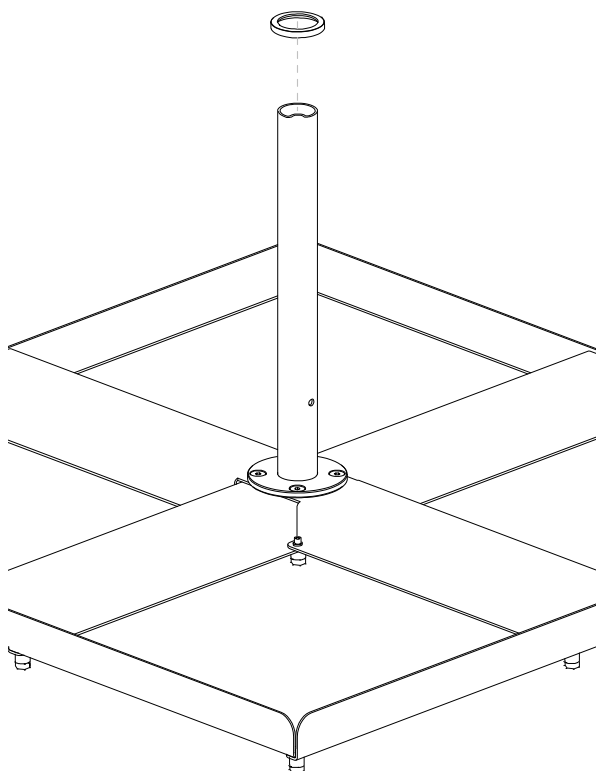


5



1x E.6
10513088

6

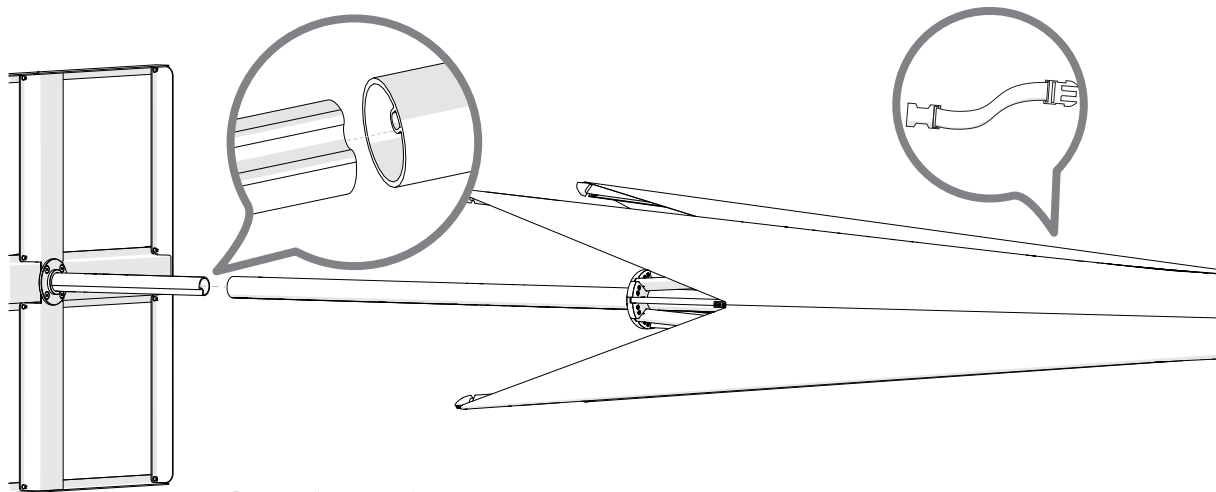


Se previsto il kit luci **art.1072**, procedere con il passaggio del cavo di alimentazione attraverso il foro laterale, come riportato sulle istruzioni del suddetto articolo.

7



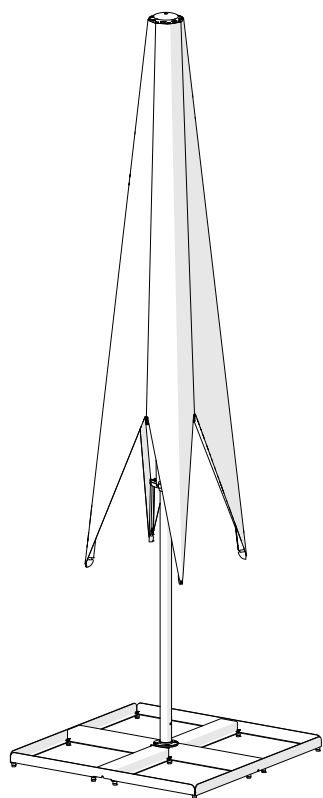
If provided kit led **art.1072**, proceed with routing the power cable through the lateral hole, as reported on the kit led assembly instructions



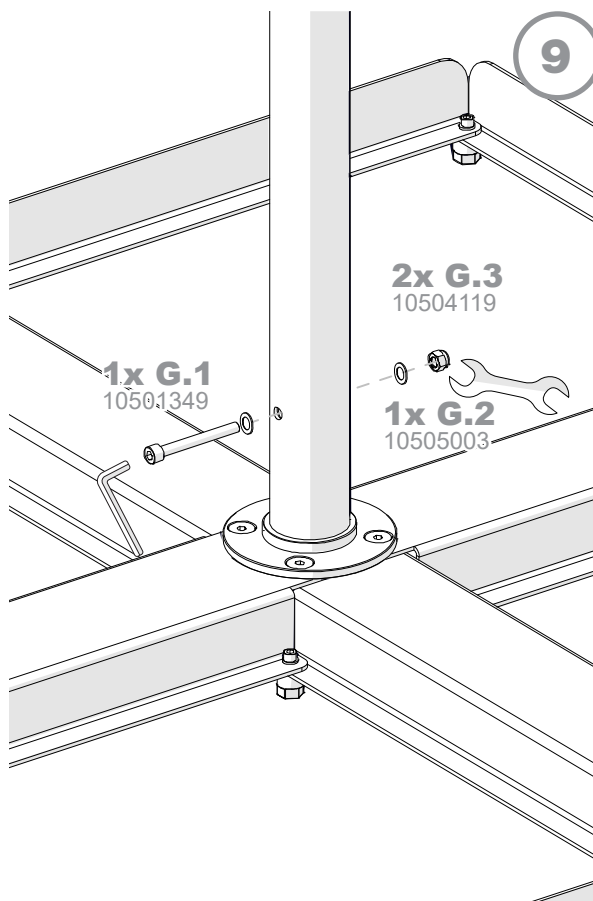
Durante il montaggio tenere l'ombrellone legato con la cinghia.



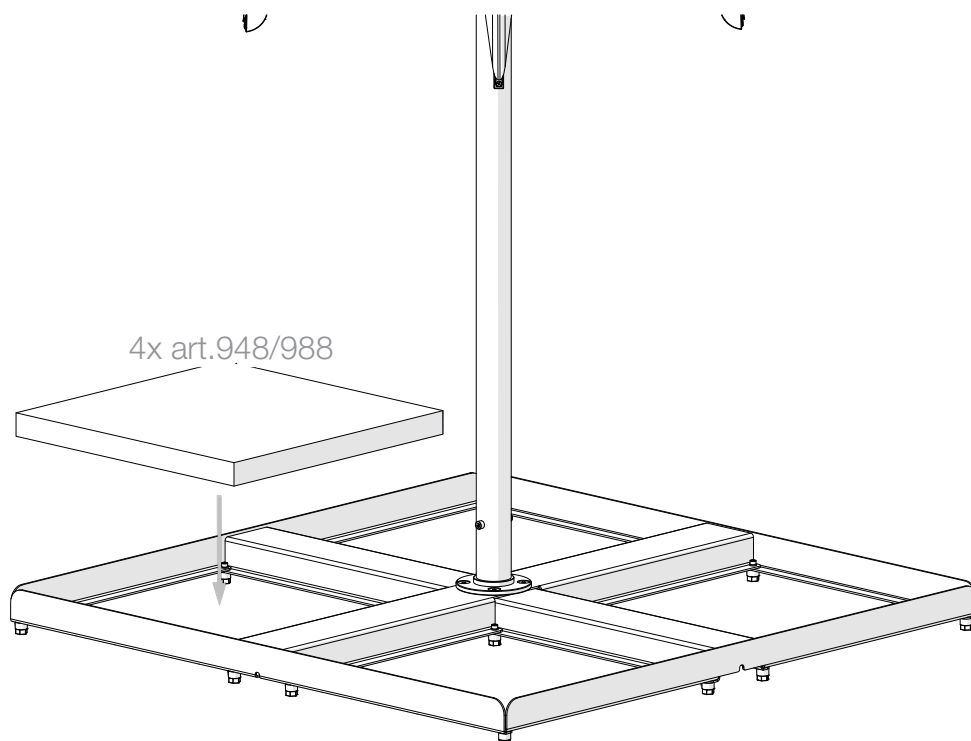
Keep the sunshade tied during assembly



8

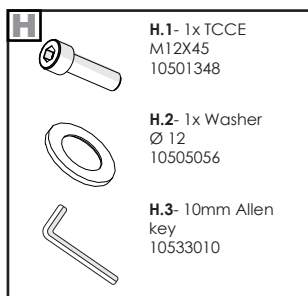


10



9

art.936



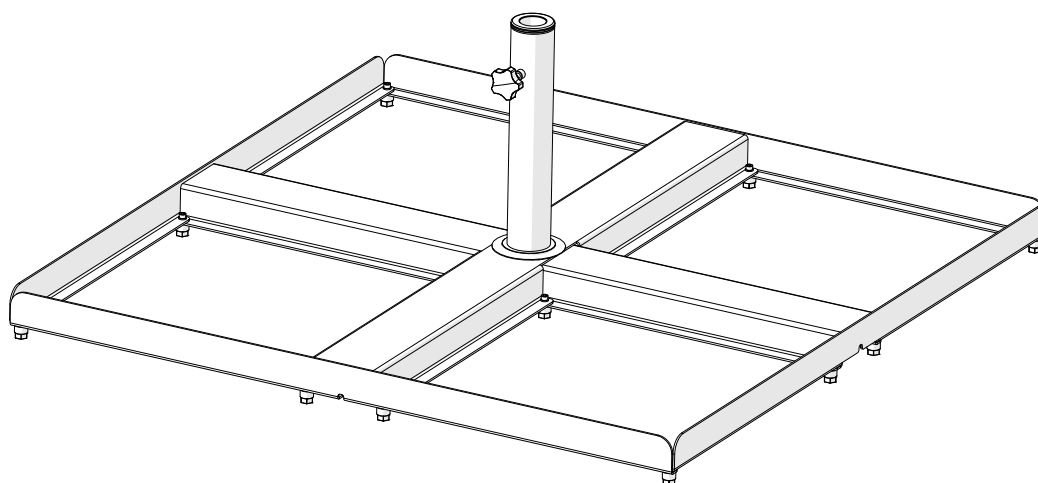
1x 936

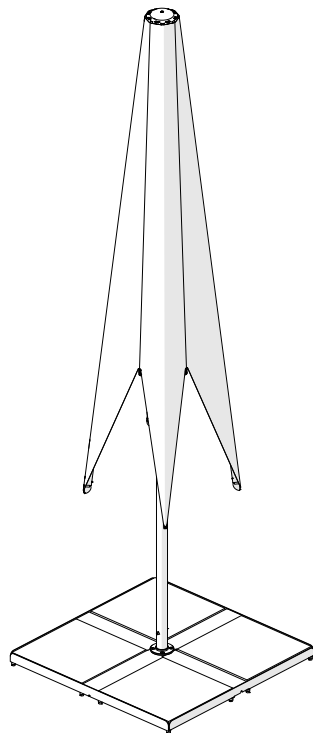
1x E11

1x E10

1x H.1
10501348

1x H.2
10505056



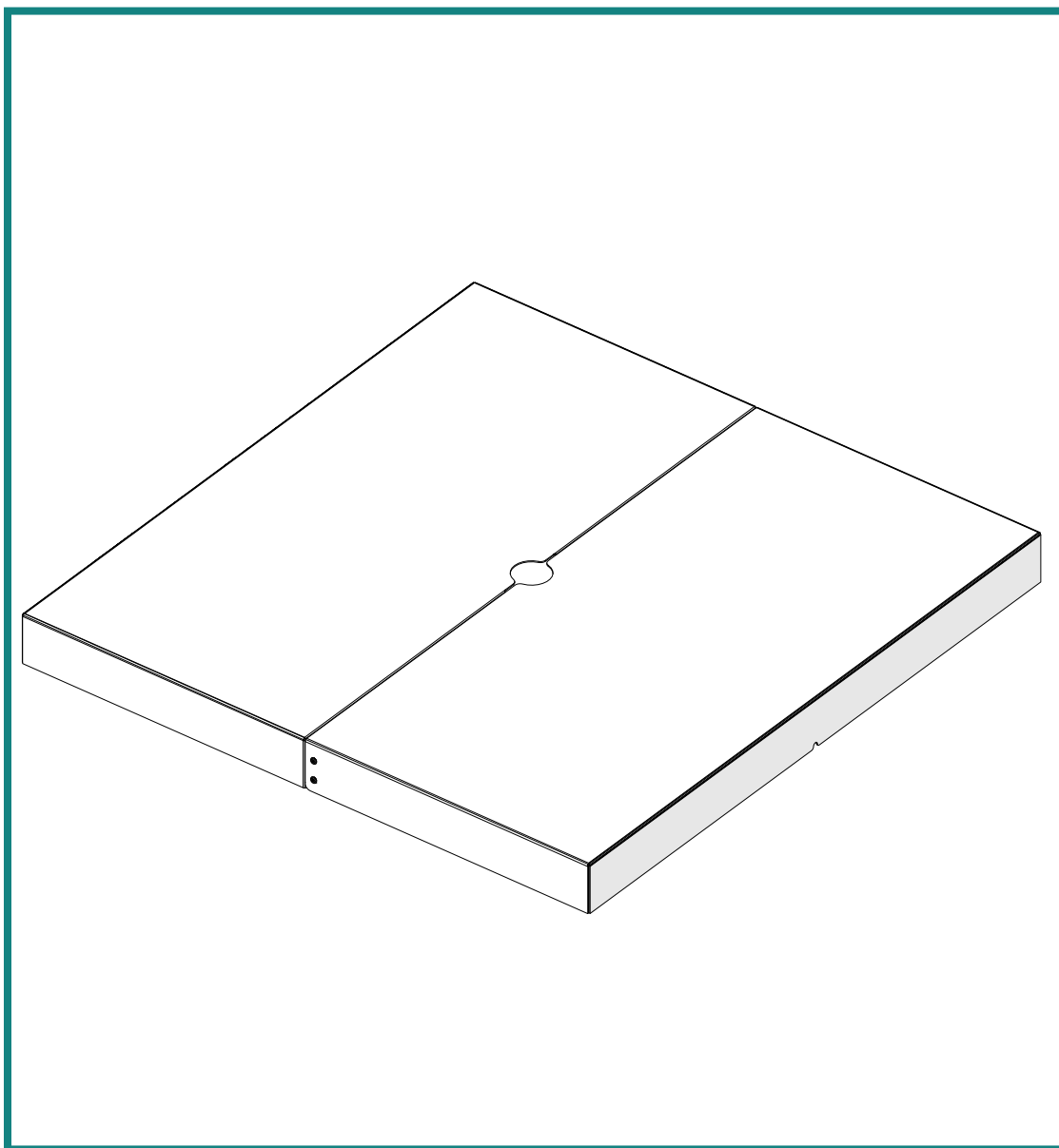


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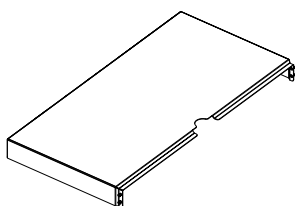
06055 Marsciano (Perugia)- ITALY- Tel.075.874021- Fax.075.8743903
e-mail:info@emu.it- www.emu.it

**ASSEMBLY
INSTRUCTION**

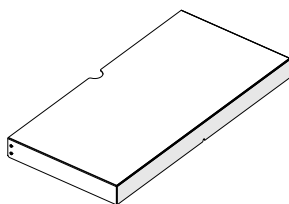
**Cover basamento
art.1002**



A



B



C

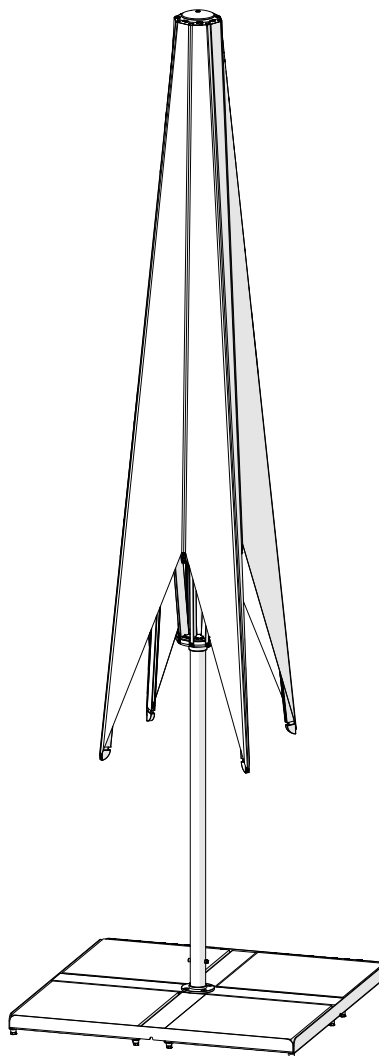


C.1 - 4x TPS
M6X20
10501362



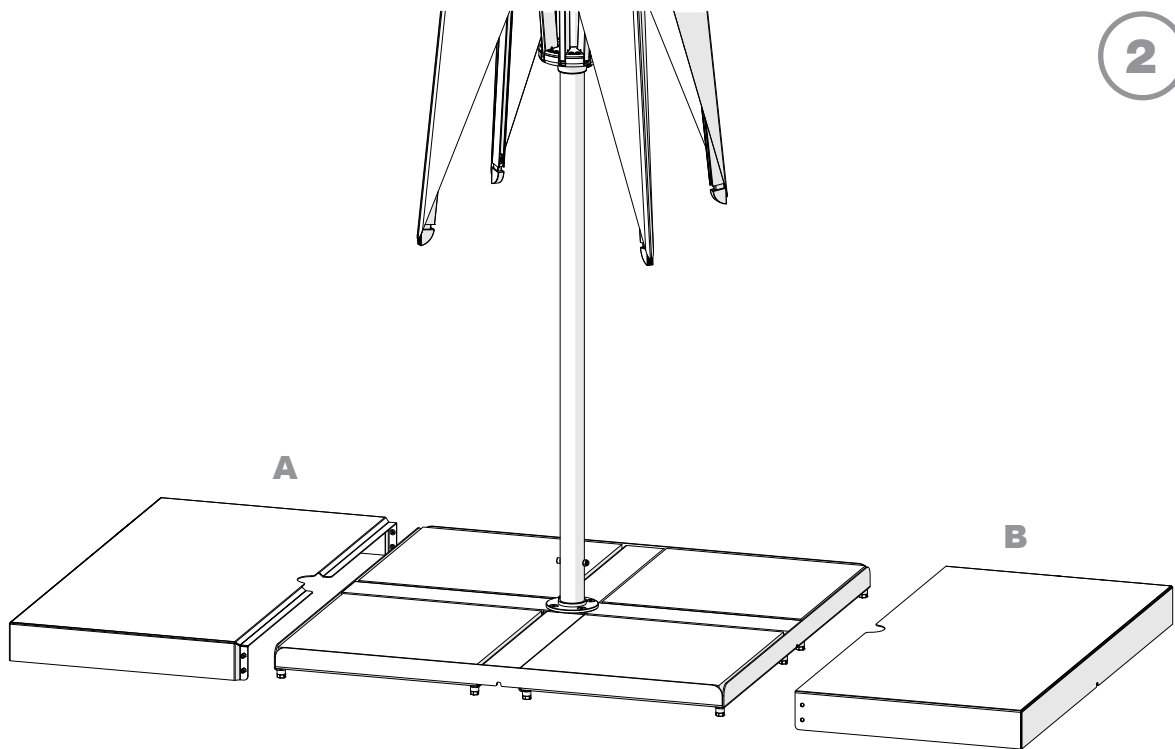
C.2 - 4mm Allen
key
10533005

1

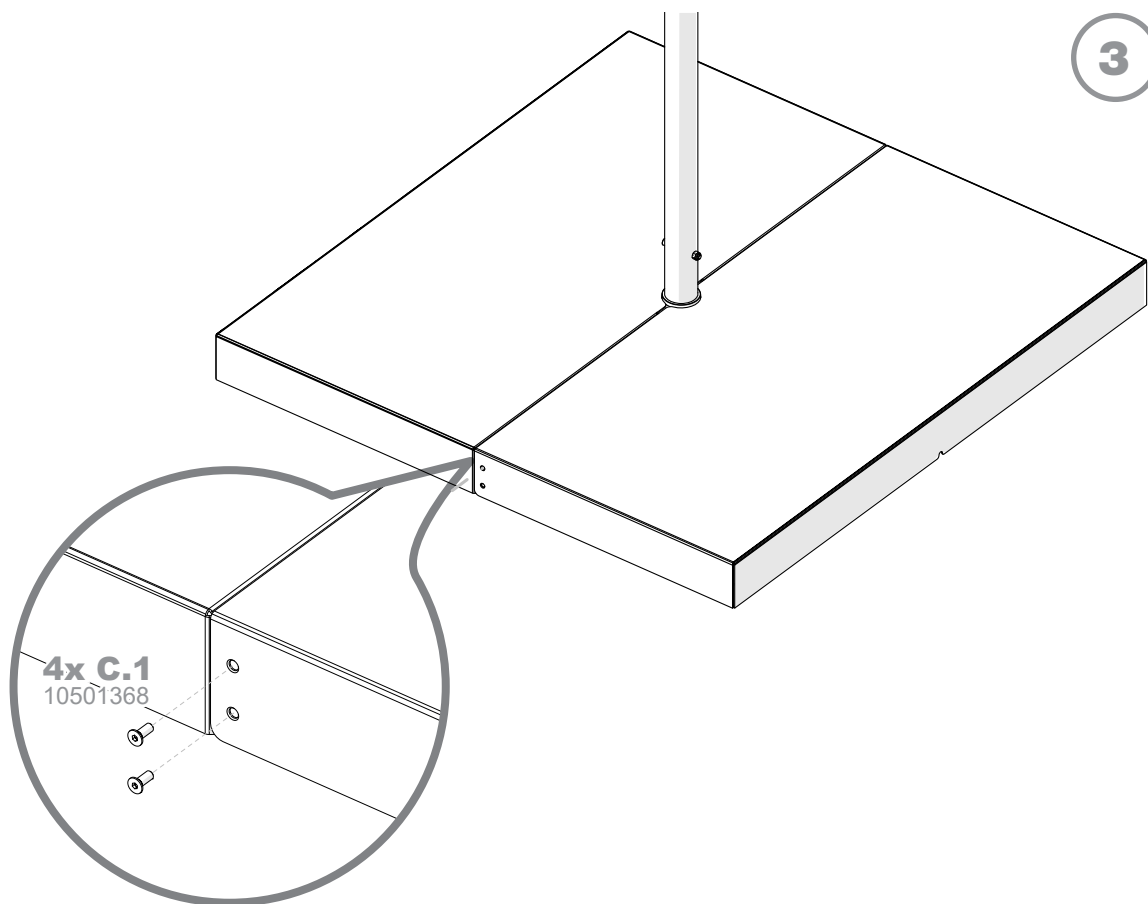


art.1145/1146/1147 + 1001

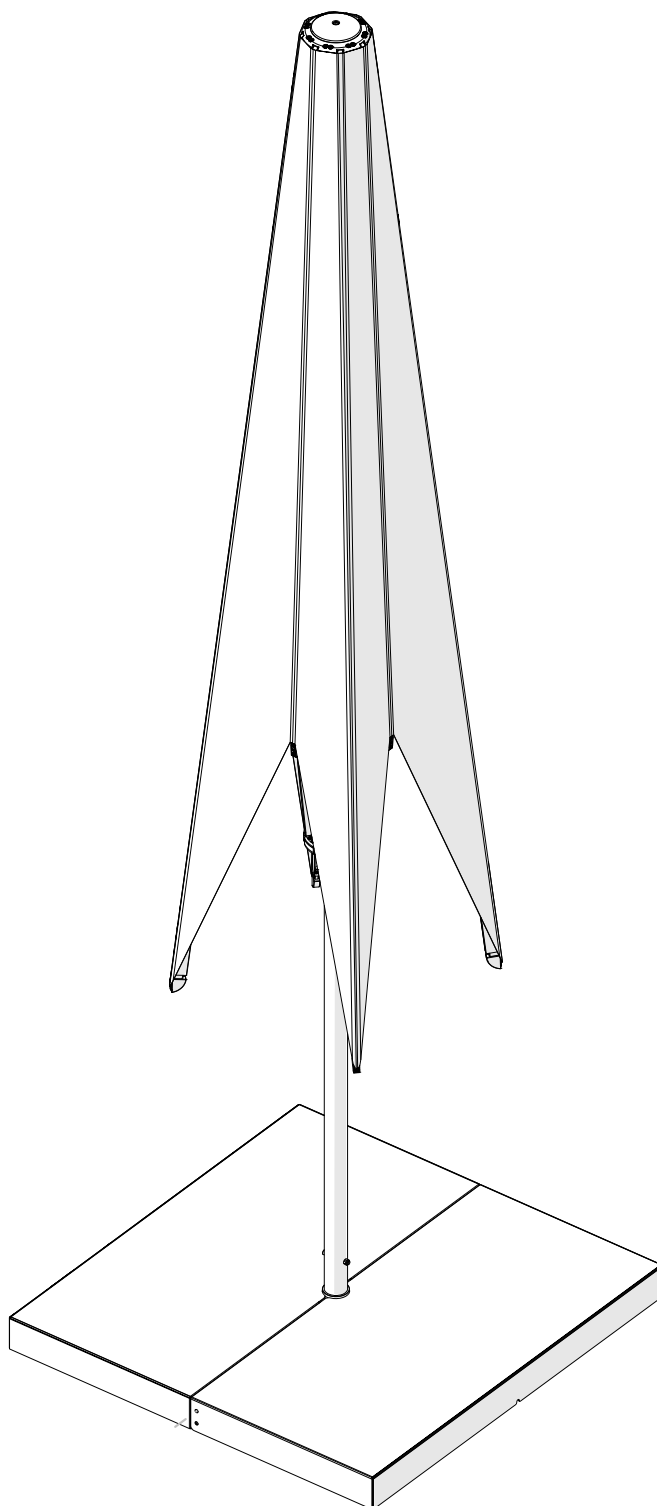
2



3



4



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