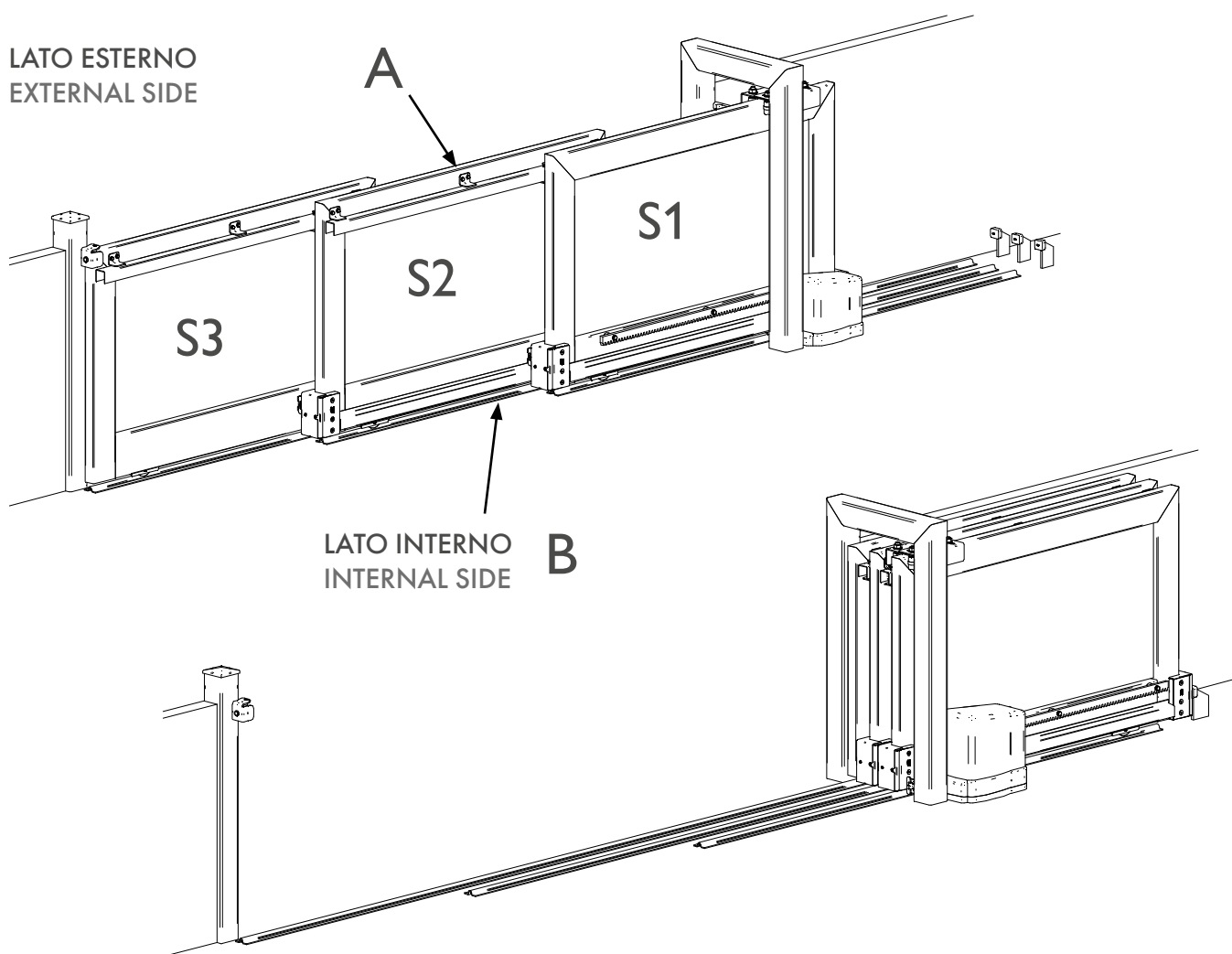


KIT TELESCOPICO MULTI-ANTA MULTI-LEAF TELESCOPIC KIT

Kit di accessori in acciaio zincato per la realizzazione di cancelli scorrevoli telescopici a 3 ante.
Quando necessario utilizzare un motoriduttore per gestire velocità di esercizio e il carico sul motore. Il kit è predisposto per essere montato in versione destra (per la versione sinistra vedere apposita sezione)

Galvanized accessories Kit for the installation of a 3 leaves telescopic gate. A gear motor may be required to control the operating speed and the load on the motor. The kit is designed to be mounted on the right side (for the left side version consult the specific manual section).










VERSIONE DESTRA (PER LA VERSIONE SINISTRA VEDERE PAG. 9)
RIGHT VERSION (FOR THE LEFT VERSION SEE PAGE 9)



APERTURA FINO A 6m - OPENING UP TO 6m		
KA5102.106	Con ruota D.90 gola V / D.90 V groove wheels	M
KA5102.406	Con ruota D.100 gola tonda 20mm / D.100 half-round groove wheels 20mm	M
APERTURA FINO A 12m - OPENING UP TO 12m		
KA5102.112	Con ruota D.90 gola V / D.90 V groove wheels	M
KA5102.412	Con ruota D.100 gola tonda 20mm / D.100 half-round groove wheels 20mm	M



COMPONENTI
COMPONENTS

<p>x2</p>  <p>LUBRIFICANTE INCLUSO OIL INCLUDED</p>	<p>x4</p> 	<p>x2</p> 						
<p>VA5102</p>	<p>VA5203</p>	<p>VA3502</p>						
<p>x1</p> 	<table border="1"> <tr> <td>A max</td> <td>6m</td> <td>12m</td> </tr> <tr> <td>n° pz</td> <td>8</td> <td>14</td> </tr> </table> 	A max	6m	12m	n° pz	8	14	<p>x4</p> 
A max	6m	12m						
n° pz	8	14						
<p>VA3204</p>	<p>VA5302</p>	<p>VA4101</p>						
<p>x6</p>  	<table border="1"> <tr> <td>A max</td> <td>6m</td> <td>12m</td> </tr> <tr> <td>n° pz</td> <td>12</td> <td>20</td> </tr> </table> 	A max	6m	12m	n° pz	12	20	
A max	6m	12m						
n° pz	12	20						
<p>VA1104/VA1404</p>	<p>VA5411</p>							



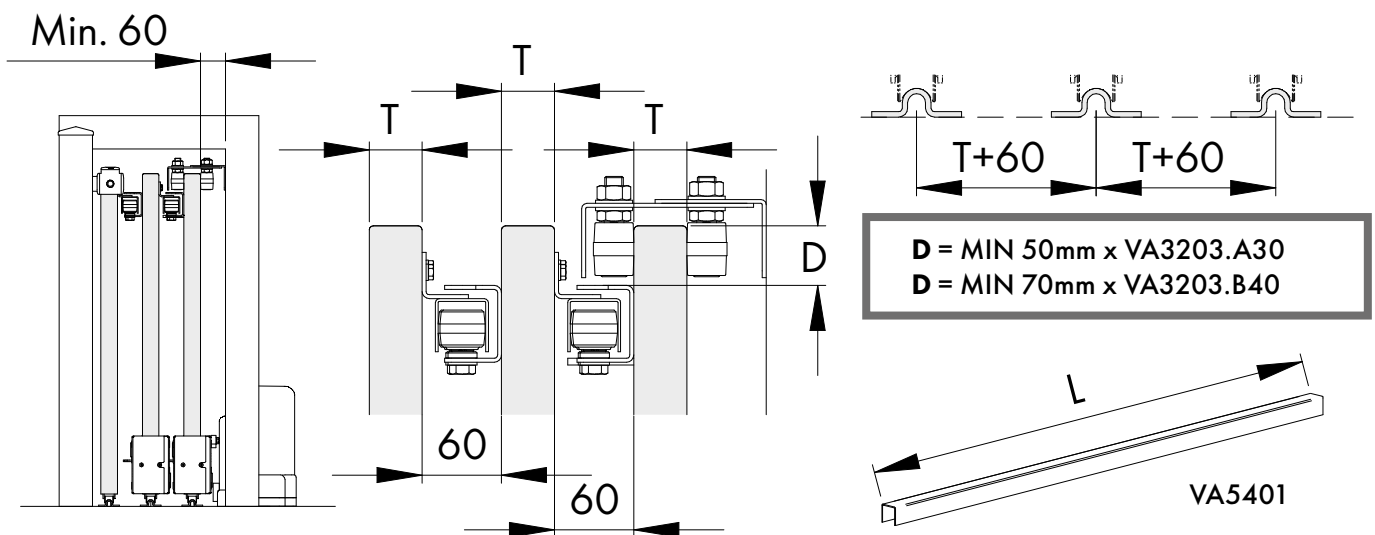
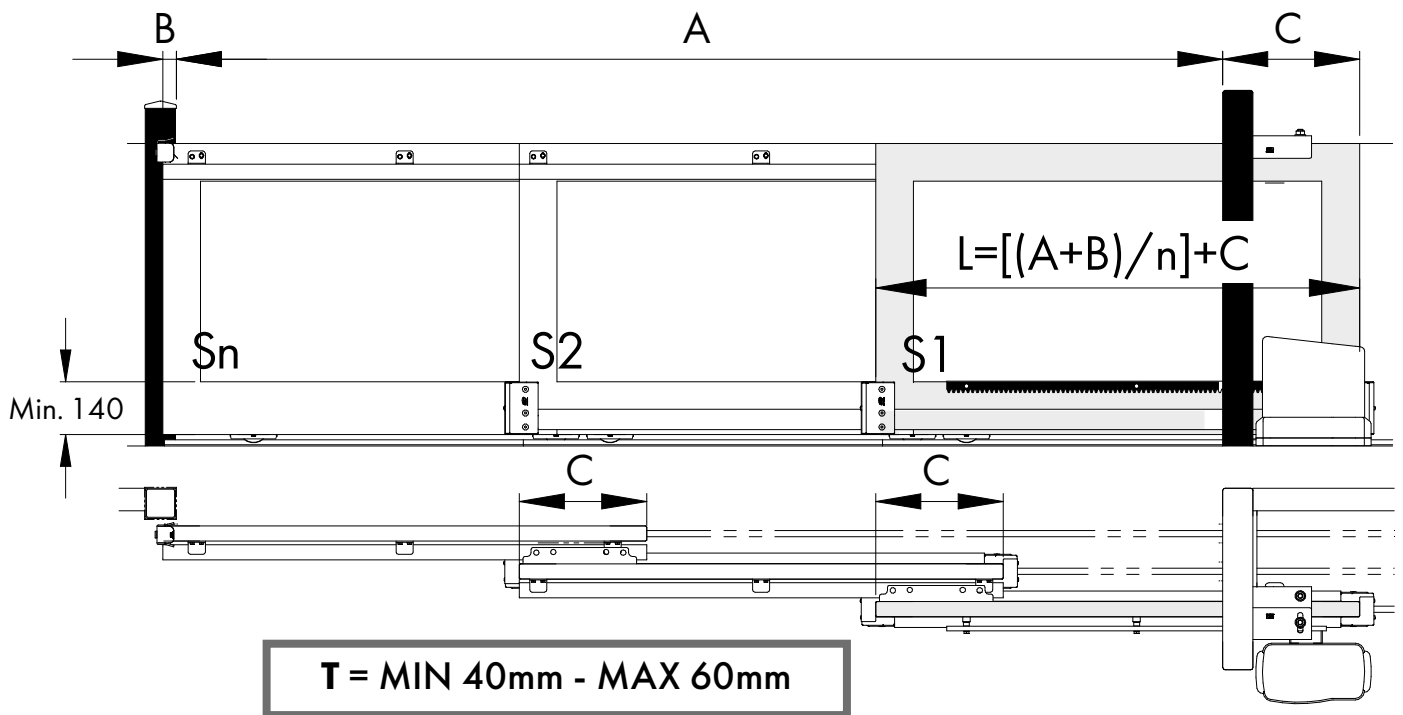
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**DIMENSIONAMENTO ANTE
LEAVES DIMENSIONING**

Peso max cancello/Max gate weight = 600 Kg

APERTURA OPENING (A)	C min	L (m) con/with B=0,1 m	KIT
3	0,35	1,39	KA5102.106/406
4	0,35	1,72	KA5102.106/406
5	0,35	2,05	KA5102.106/406
6	0,35	2,39	KA5102.106/406
7	0,35	2,72	KA5102.112/412
8	0,35	3,05	KA5102.112/412
9	0,35	3,39	KA5102.112/412
10	0,35	3,72	KA5102.112/412
11	0,35	4,05	KA5102.112/412
12	0,35	4,39	KA5102.112/412

**ESEMPIO MISURE FUORI TABELLA
EXAMPLE OF OUT-OF-TABLE MEASUREMENTS**

$n = 3$ (numero di ante/leaves number)
 $A = 9,6$ m
 $B = 0,06$ m (scelta dall'installatore / selected by the customer)
 $C = 0,35$ m (vedi tabella / see table)
 $L = [(A+B)/n] + C$
 $L = [(9,6+0,06)/3] + 0,35 = 3,57$

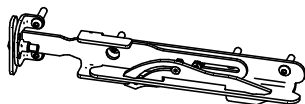


INFO TECNICHE
TECHNICAL INFO

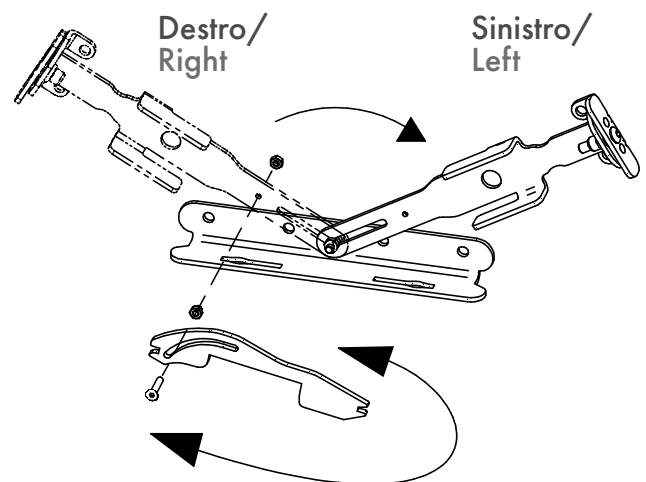
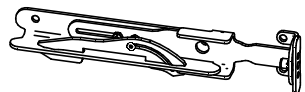
1. È obbligatorio l'utilizzo di battenti di fine corsa e l'installazione di viti di sicurezza (fig.15/16)
 2. Per la scelta del motore : considerare il peso su cui andrà ad agire, diversamente da come avviene normalmente.
Sommare quindi al peso della prima anta S1 il doppio del peso della seconda S2, il triplo della terza....e così via
Massa di riferimento per la scelta motore = $\text{PesoS1} + (2 \times \text{PesoS2}) + (3 \times \text{PesoS3}) + \dots$
 3. Tipologia motore consigliato: 24Volt DC
 4. Tensione ottimale della fune: sufficiente a mantenere la fune orizzontale, una tensione superiore o inferiore ne abbrevia la durata
 5. Velocità di chiusura max. anta Sn = 0.18m/s
 6. Arresti e partenze bruschi stressano il sistema riducendone la durata, inoltre possono causare malfunzionamenti e rotture
 7. Accelerazioni, decelerazioni e variazioni di velocità elevate possono causare un effetto elastico tra le ante durante il movimento.
1. The use of limit stops and the installation of safety screws is compulsory.
 2. For the motor choice = you have to consider the weight that the motor has to support, unlike the normal cases. To calculate the gate weight, you need to add the weight of the first leaf to twice the weight of the second leaf, to the triple weight of the third leaf, and so on...
Weight $S1 + (2x \text{ weight } S2) + (3x \text{ weight } S3)$.
 3. Recommended motor: 24-volt DC
 4. Optimal tension of the cable: the ideal traction is the one necessary to keep the wire in a horizontal position. A lower or higher tension of the cable can shorten its duration.
 5. Second and third leaf maximum closing speed = 0,18m/s
 6. Abrupt variations in speed can cause elastic effects between the leaves.
 7. Accelerations, decelerations and high-speed variations can shorten the system duration and can cause malfunctions and disruptions.

PREPARARE GLI SGANCI DESTRI E SINISTRI NELLE QUANTITÀ INDICATE:
PREPARE THE RIGHT AND LEFT HITCHES IN THE INDICATED QUANTITIES:

3x
Destro/Right

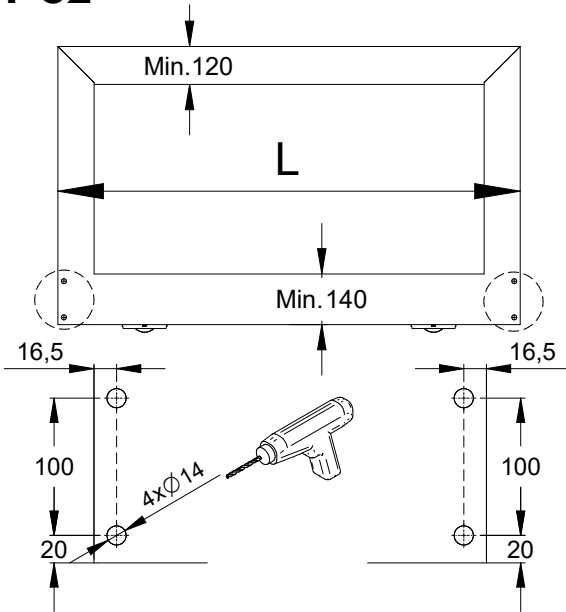


1x
Sinistro/Left

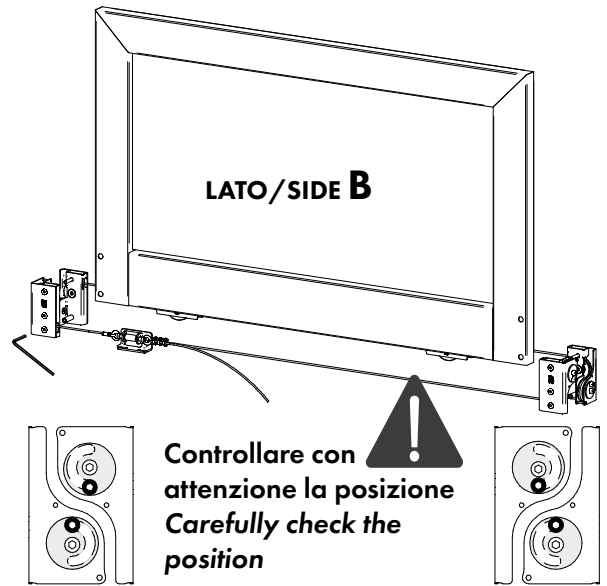




1 S1-S2

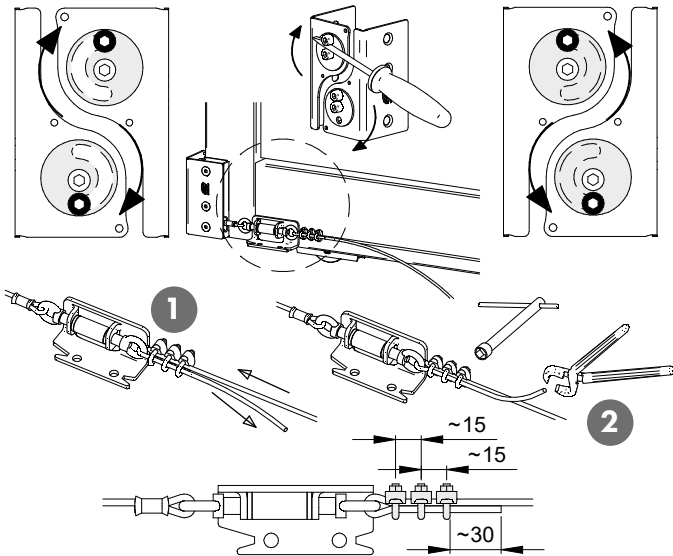


2 S1-S2

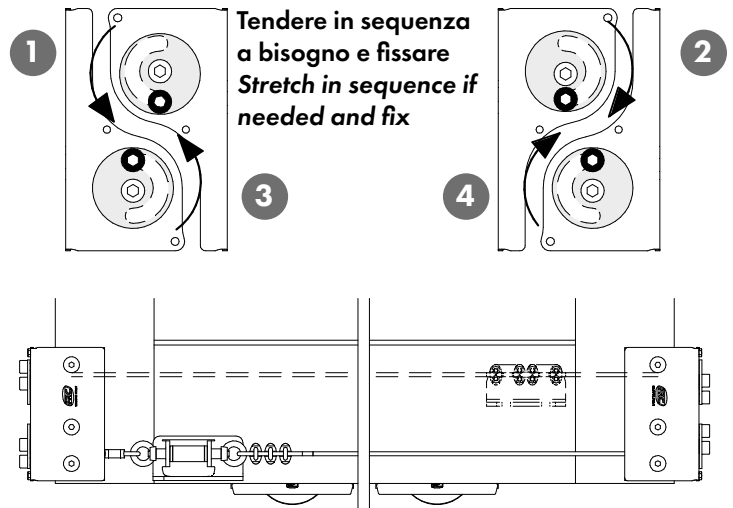


3 S1-S2

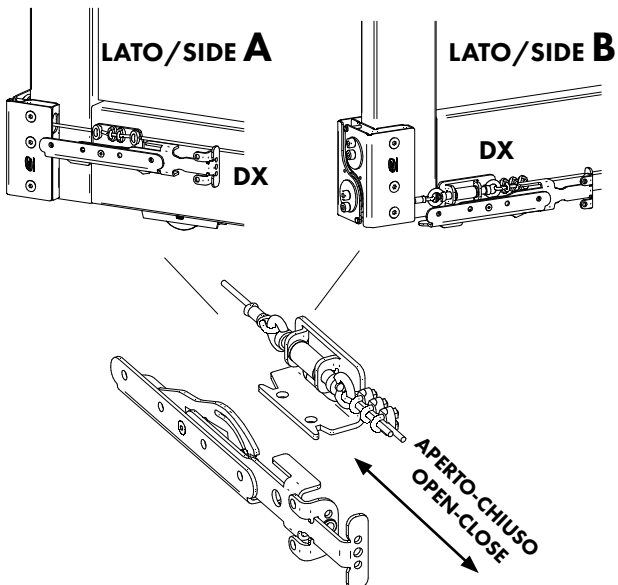
Allentare/Loosen



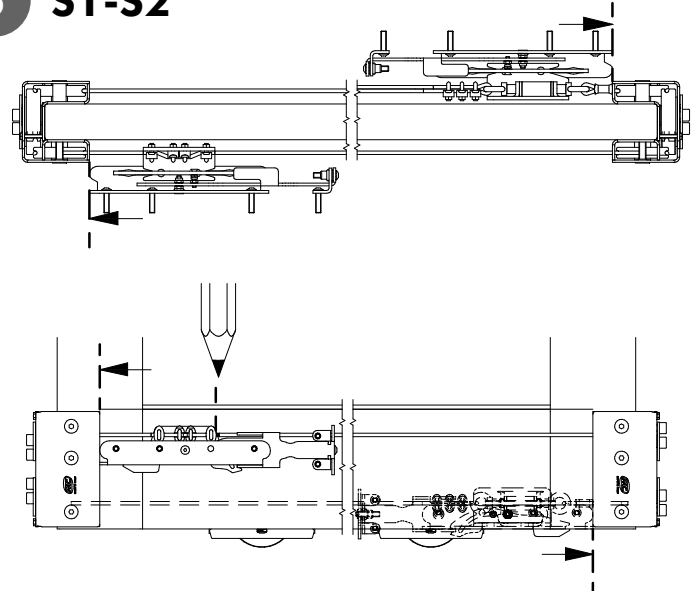
4 S1-S2



5 S1-S2

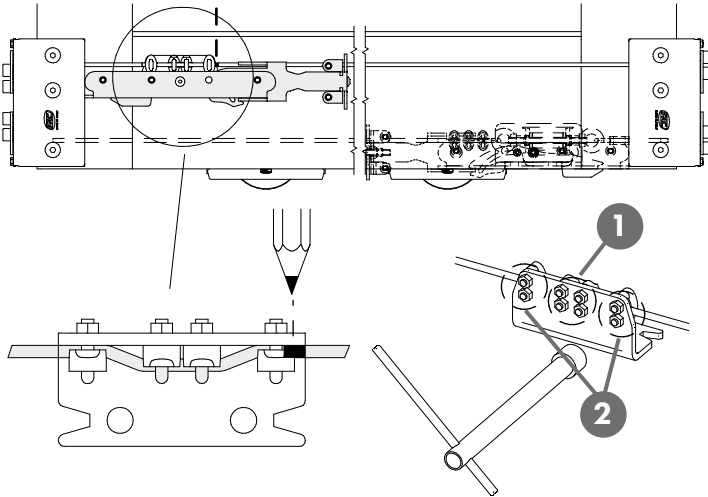


6 S1-S2



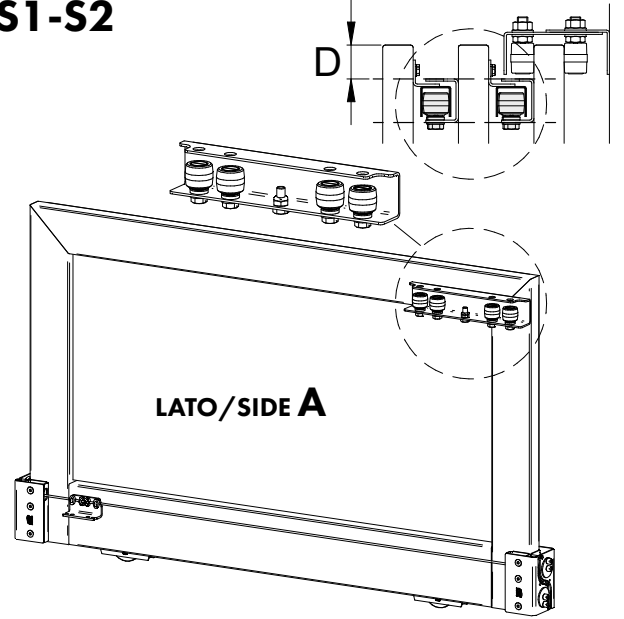


7 S1-S2

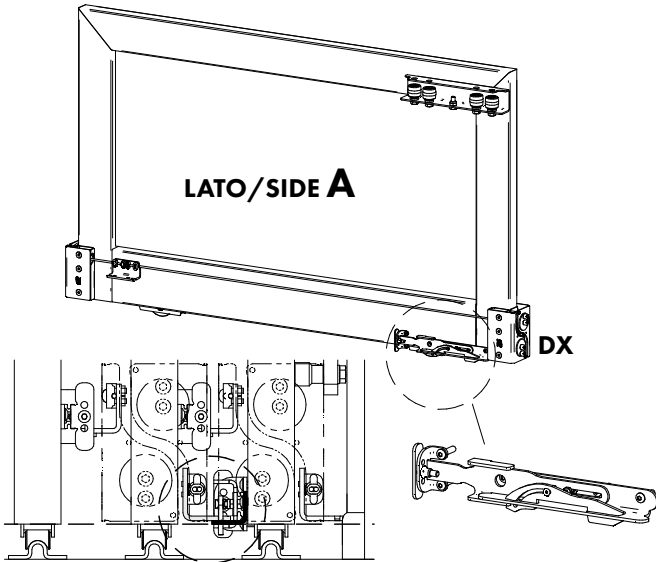


Fissare in sequenza
Tighten in the correct sequence

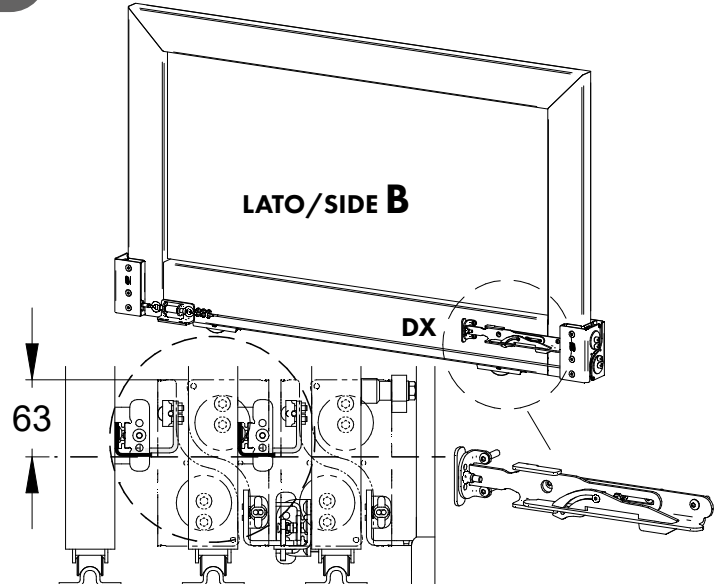
8 S1-S2



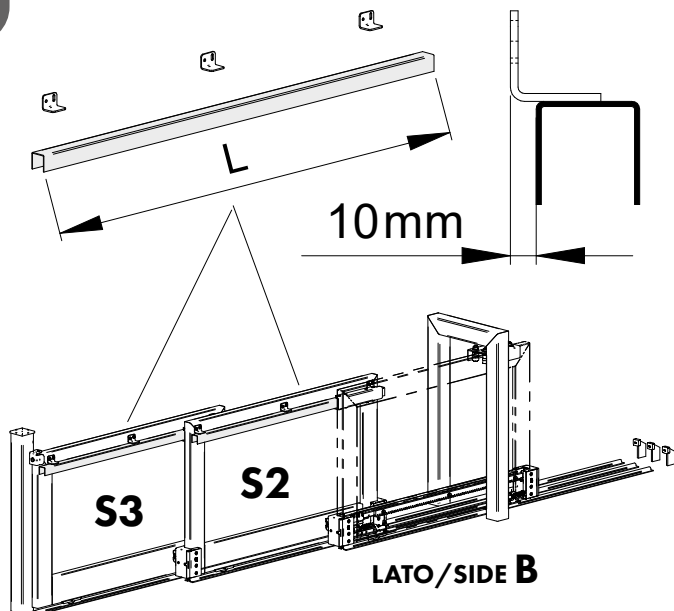
9 S1



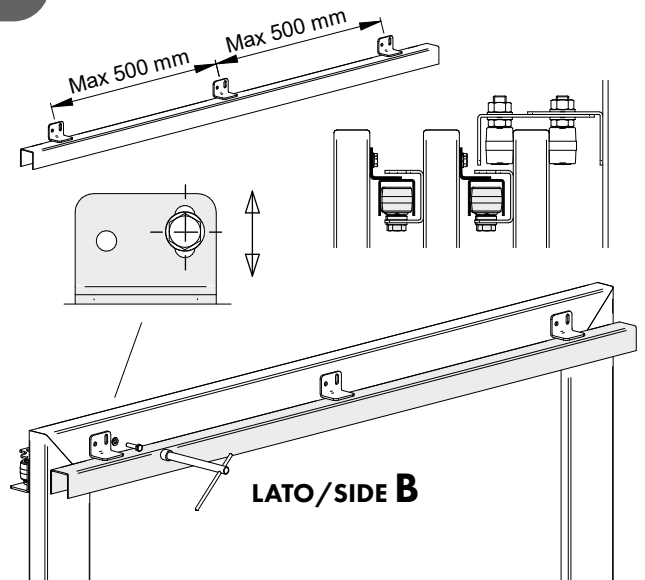
10 S2-S3



11

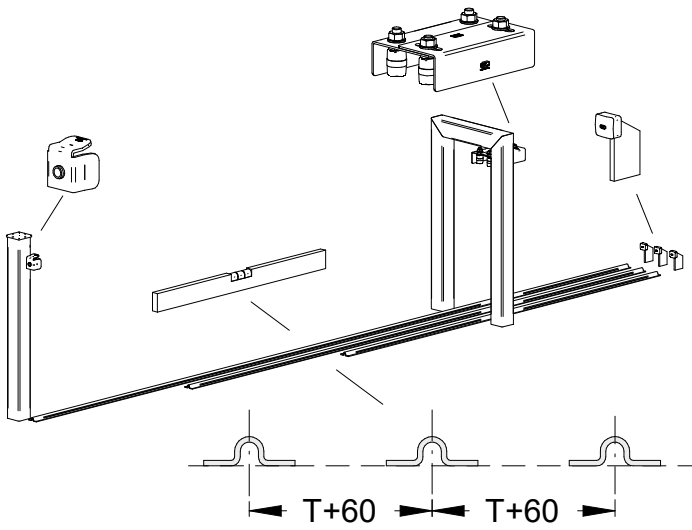


12 S2-S3





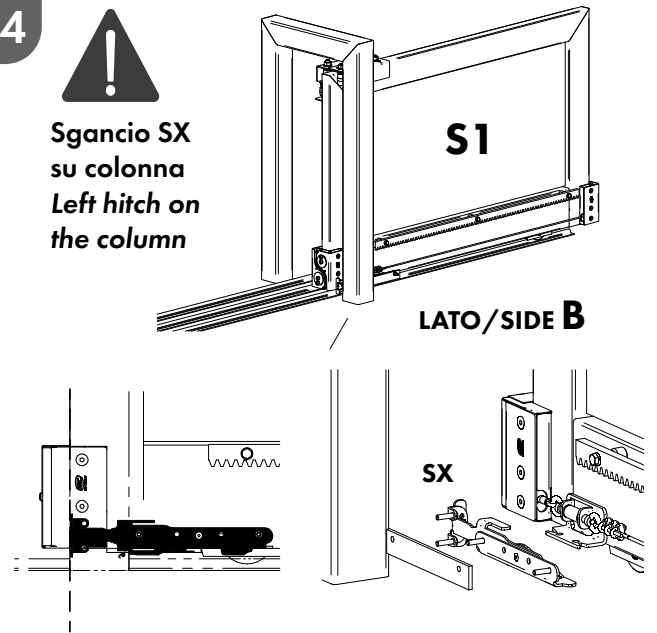
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14

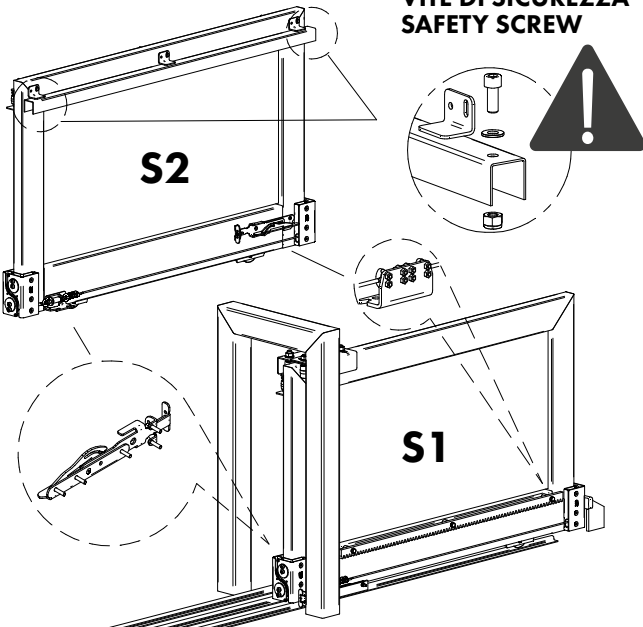


Sgancio SX
su colonna
Left hitch on
the column



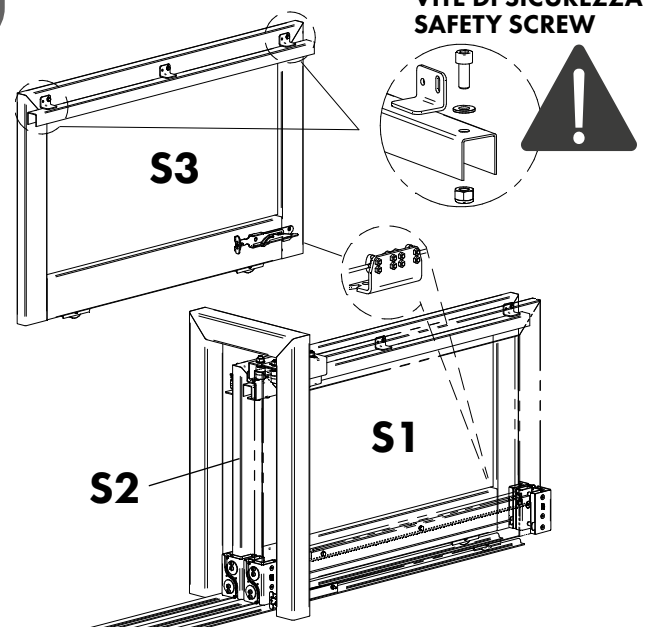
15

VITE DI SICUREZZA
SAFETY SCREW

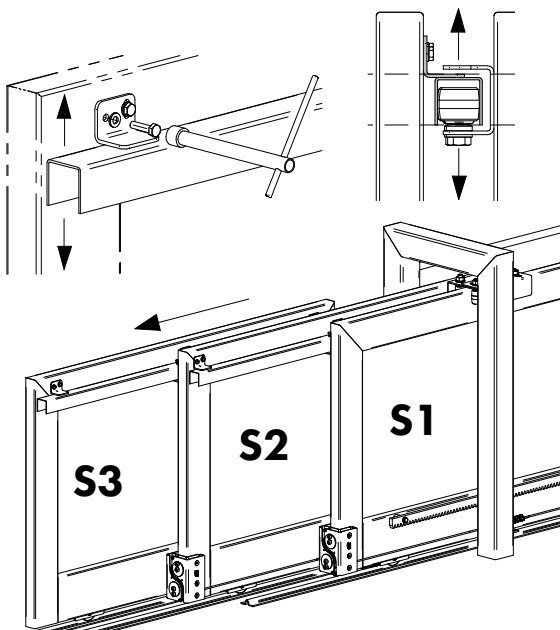


16

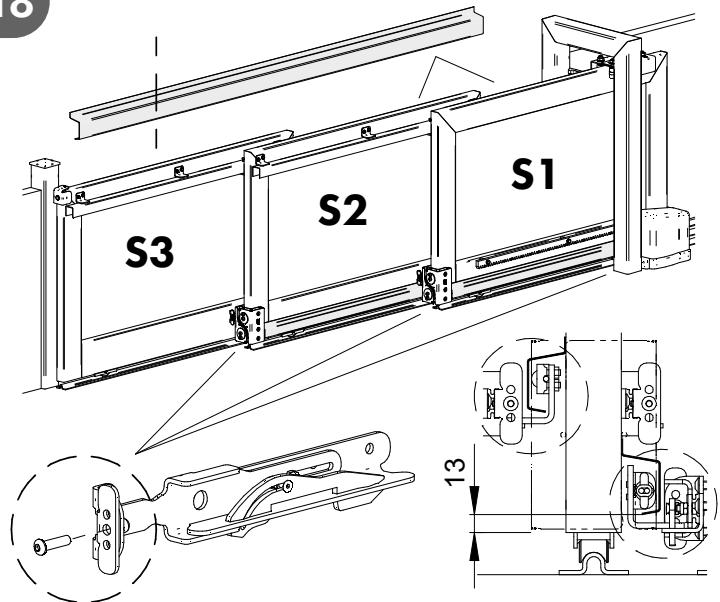
VITE DI SICUREZZA
SAFETY SCREW



17

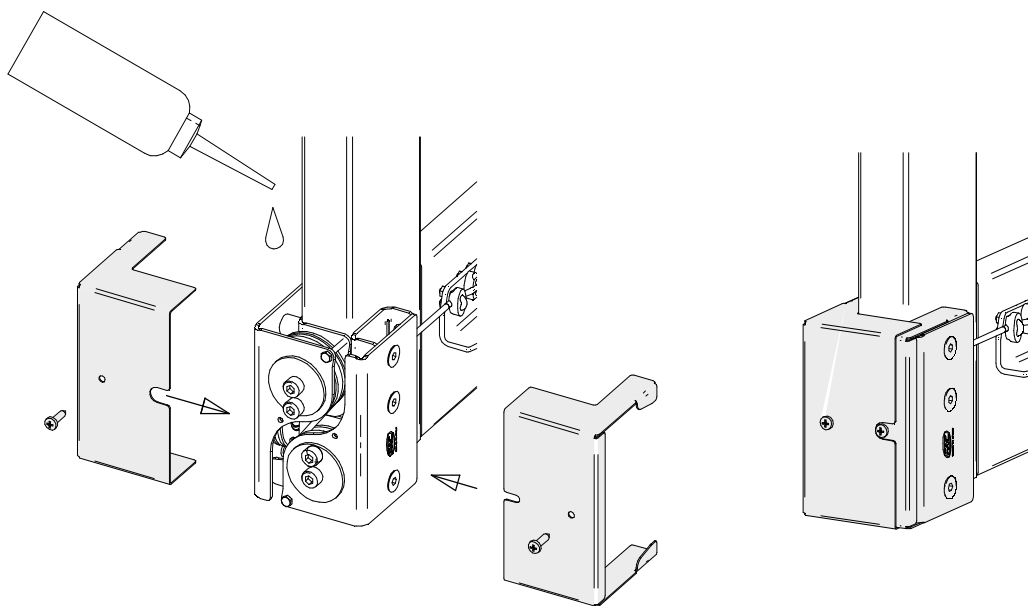


18





19



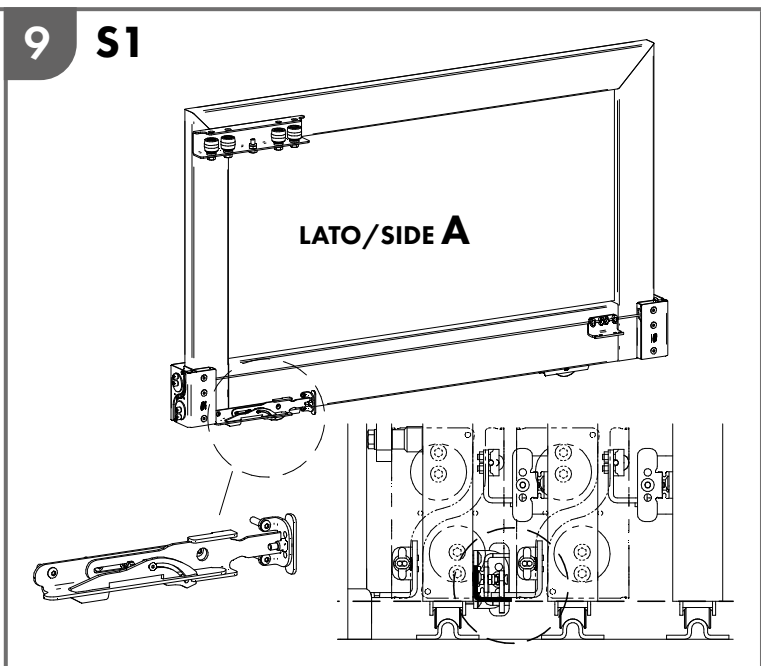
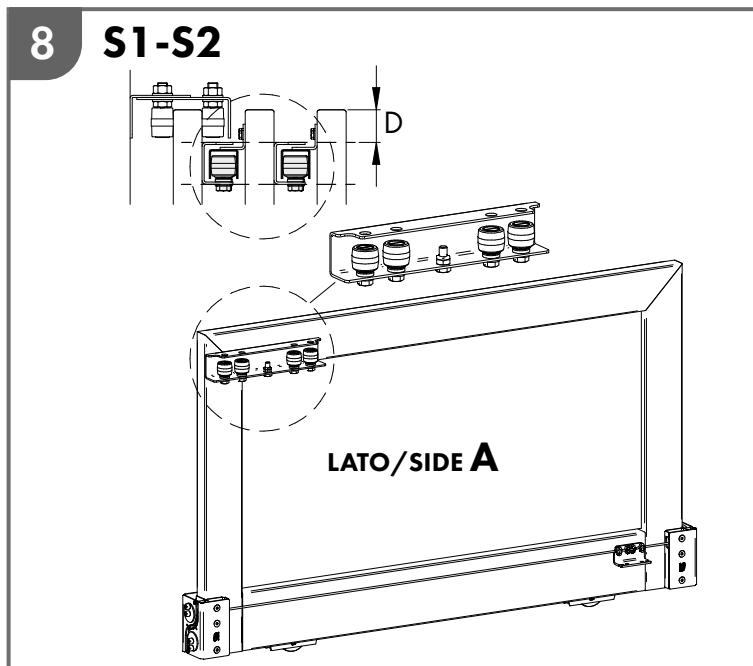
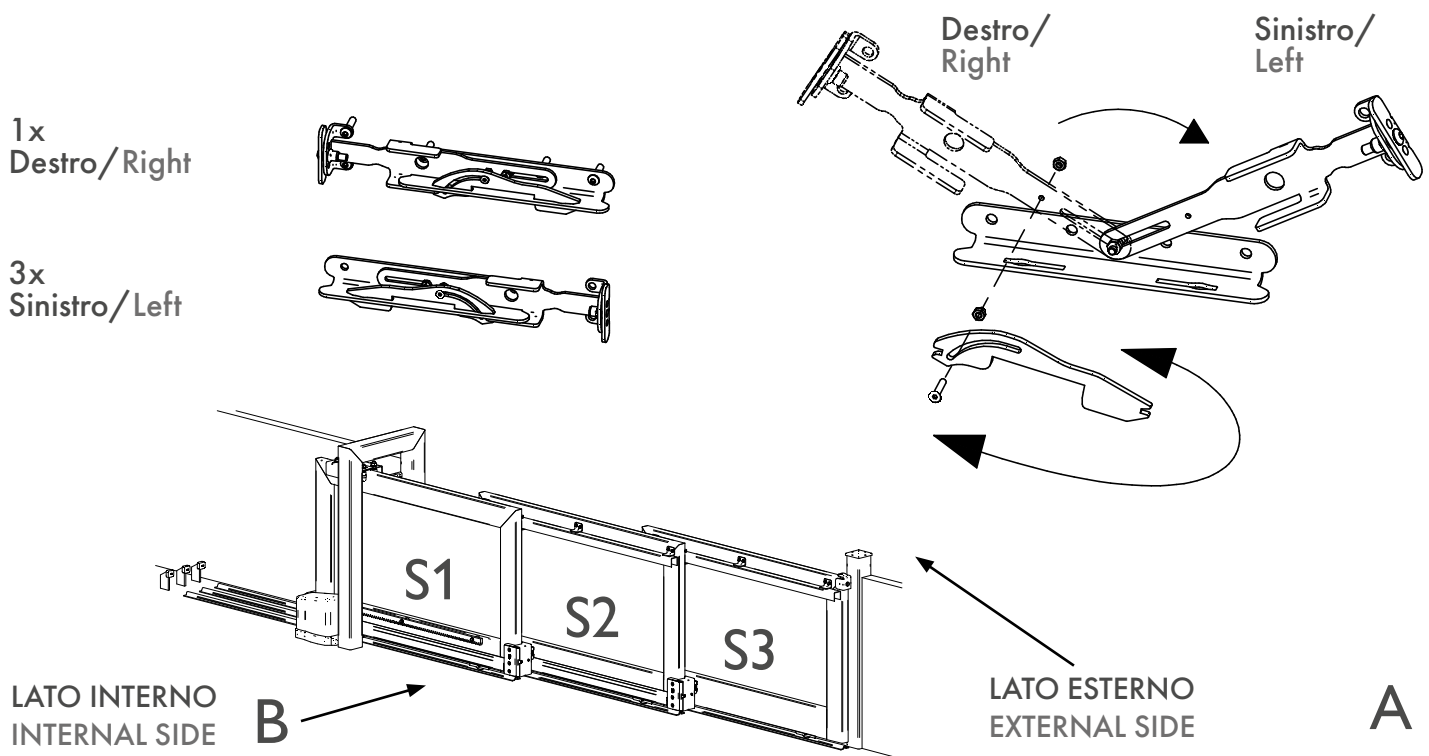


VERSIONE SINISTRA
LEFT VERSION

Per il montaggio della versione sinistra utilizzare le stesse istruzioni considerandole in senso opposto.
Una particolare attenzione deve essere prestata ai punti che riportiamo di seguito:

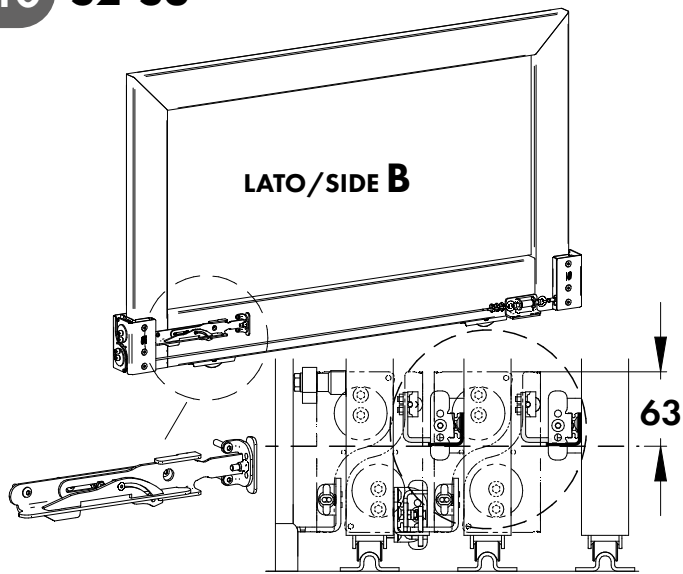
*For the assembly of the left version, follow the same instructions but interpreting in the opposite direction.
Pay attention to the points given below:*

PREPARARE GLI SGANCI DESTRI E SINISTRI NELLE QUANTITÀ INDICATE:
PREPARE THE RIGHT AND LEFT HITCHES IN THE INDICATED QUANTITIES:

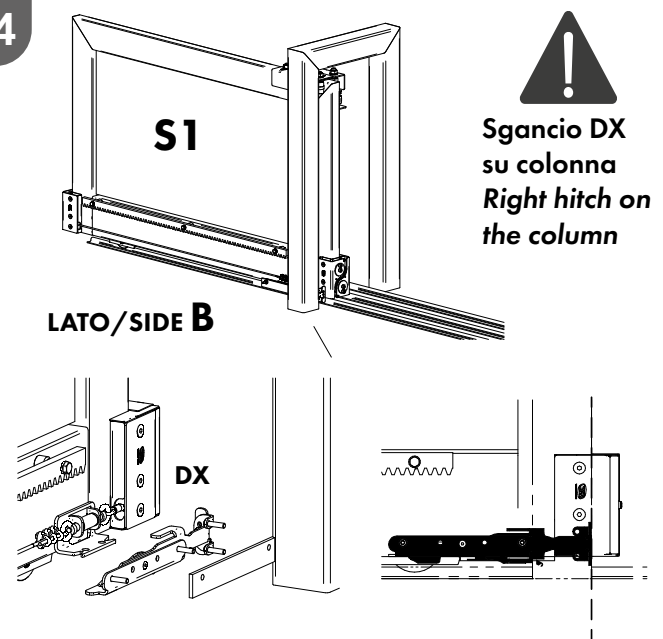




10 S2-S3



14



MANUTENZIONE
MAINTENANCE

1. Eseguire le verifiche di funzionamento manuale a fine installazione; controllare periodicamente che il sistema sia correttamente funzionante, privo di allentamenti e ben lubrificato (consigliato ogni tre mesi e massimo ogni 8000 cicli). Se necessario intervenire regolando il tensionamento e lubrificando la fune (vedi FIG. 19).
2. Nel caso in cui la fune risulti lenta rieseguire la procedura di tensionatura.
3. In caso di malfunzionamenti dovuti ad usura o urti accidentali, assicurarsi che tutti i componenti atti al sostegno del cancello ed alla sua movimentazione siano integri, eventualmente procedere alla sostituzione.
4. L'utilizzo di questi articoli in ambienti particolarmente umidi, salini, acidi, polverosi o con temperature superiori a 120°C riduce sensibilmente la durata dei cuscinetti e parti presenti negli articoli.
5. FAC garantisce il corretto funzionamento del sistema esclusivamente con l'utilizzo di ricambi originali.

Attenzione: FAC non si assume alcuna responsabilità in caso di errata installazione od utilizzo di accessori/componenti/ricambi non originali e non idonei all'opera specifica.

Gli accessori compresi nei kit e l'installazione proposta fanno riferimento ad un esempio standard. Una installazione non conforme alla procedura illustrata e/o l'omissione delle corretta manutenzione potrebbero causare malfunzionamenti, compromettendo la sicurezza di persone e cose adiacenti. Verificare che gli accessori siano idonei all'opera specifica e dotarla dei necessari dispositivi di sicurezza previsti dalle normative vigenti.

Per ulteriori informazioni scrivici a : info@fac srl.com

1. Perform all functioning inspections manually at the end of the installation; periodically check that the system is functioning, that it is well lubricated and does not have any loosening (we suggest a full examination every 3 months or after 8000 cycles). If necessary, adjust the tensioning of the cable and/or lubricate it.
2. If the cable is loose repeat the tensioning procedure.
3. In case of malfunctions due to wear or accidental impacts, make sure that all components apt to support the gate and its maintenance are intact. If necessary, proceed with substitution.
4. The use of these items in harsh ambient conditions, such as: high humidity; high temperatures, salty, acid or dusty environments, etc. significantly reduce the duration of the bearings and other parts.
5. FAC ensures the system correct functioning only using original spare parts.

Attention: FAC does not assume any responsibility in the event of incorrect installation or use of non-original and unsuitable accessories/spare parts.

The kit included accessories and the proposed installation make reference to a standard example. An installation not in accordance with the illustrated procedure and the omission of the correct maintenance might compromise nearby things and people's security. Make sure that all accessories suit the specific work and make sure to use the necessary safety devices provided by current regulations.

For more information: info@fac srl.com



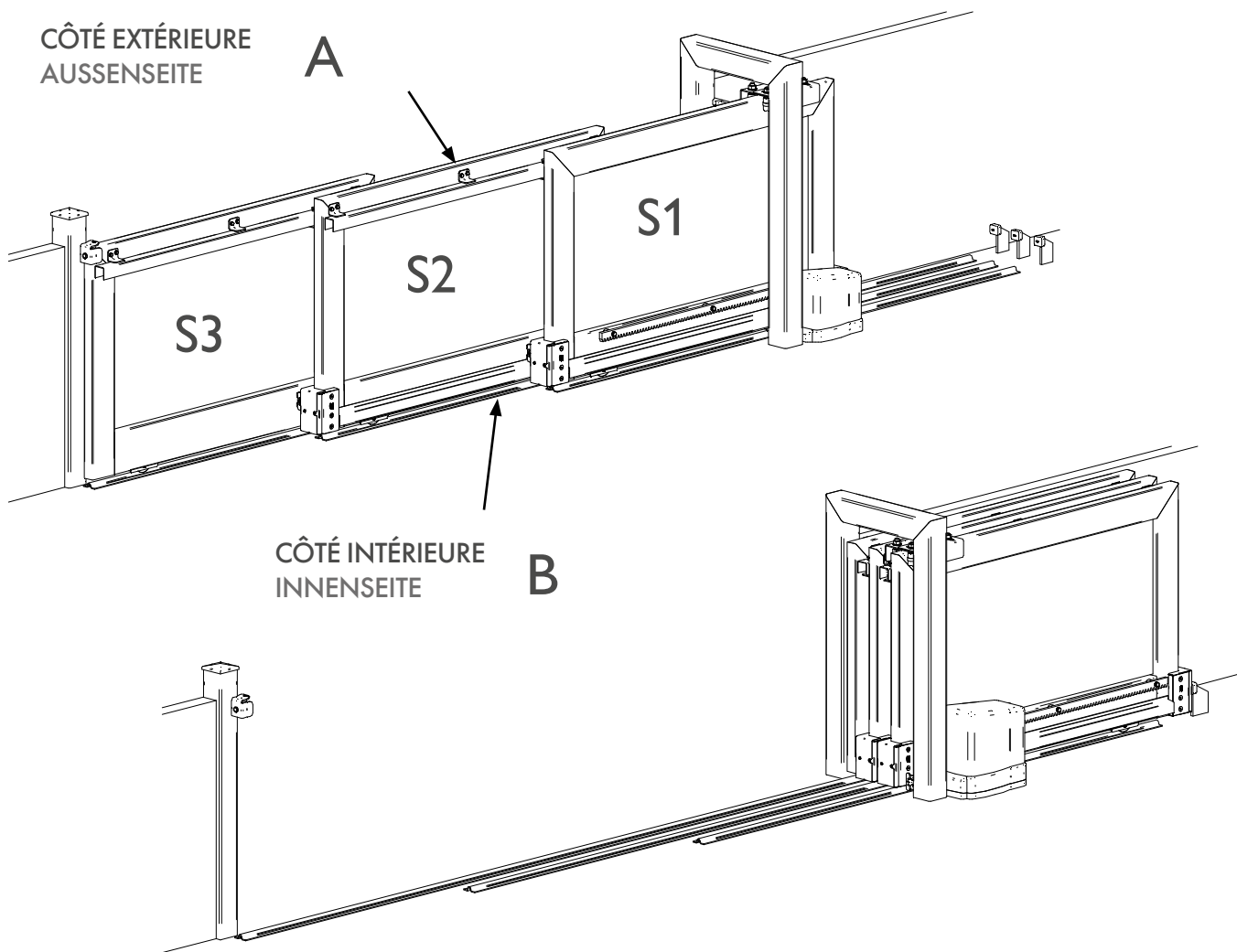
KIT TELESCOPIQUE MULTI-VANTAUX KIT MEHRFLÜGELIGE TELESKOPAUSFÜHRUNG

Kit d'articles en acier galvanisé optimisé pour l'installation des portails coulissants télescopiques jusqu'à 3 vantaux. Un motoréducteur peut être nécessaire pour contrôler la vitesse d'exécution et le poids sur le moteur.

Zubehör-Kit aus verzinktem Stahl für teleskopische Schiebetore mit 3 Flügeln. Bei Bedarf ist ein Getriebemotor für die Steuerung der Betriebsgeschwindigkeit und der Motorbelastung zu benutzen. Das Kit ist für die rechtsseitige Montage ausgelegt (für die Linksversion siehe bitte den eigenen Abschnitt).

VERSION DROITE (POUR LA VERSION GAUCHE VOIR PAGE 9)

RECHTSVERSION (FÜR DIE LINKE VERSION SIEHE BITTE DIE SEITE 9)



OUVERTURE JUSQU'À 6m - ÖFFNUNG BIS 6m

KA5102.106 avec rues D.90 gorge en V / Mit Rolle D.90 V-Nut

M

KA5102.406 avec rues D.100 gorge ronde 20mm / Mit Rolle D.100 Rundnut 20mm

M

OUVERTURE JUSQU'À 12m - ÖFFNUNG BIS 12m

KA5102.112 avec rues D.90 gorge en V / Mit Rolle D.90 V-Nut

M

KA5102.412 avec rues D.100 gorge ronde 20mm / Mit Rolle D.100 Rundnut 20mm

M



LISTE DE COMPOSANTS
KOMPONENTEN

<p>x2</p> <p>LUBRIFICANTE INCLUSO OIL INCLUDED</p>	<p>x4</p>	<p>x2</p>						
<p>VA5102</p>	<p>VA5203</p>	<p>VA3502</p>						
<p>x1</p>	<table border="1"> <tr> <td>A max</td> <td>6m</td> <td>12m</td> </tr> <tr> <td>n° pz</td> <td>8</td> <td>14</td> </tr> </table>	A max	6m	12m	n° pz	8	14	<p>x4</p>
A max	6m	12m						
n° pz	8	14						
<p>VA3204</p>	<p>VA5302</p>	<p>VA4101</p>						
<p>x6</p>	<table border="1"> <tr> <td>A max</td> <td>6m</td> <td>12m</td> </tr> <tr> <td>n° pz</td> <td>12</td> <td>20</td> </tr> </table>	A max	6m	12m	n° pz	12	20	
A max	6m	12m						
n° pz	12	20						
<p>VA1104/VA1404</p>	<p>VA5411</p>							

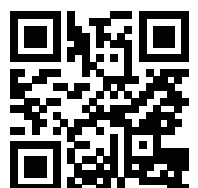


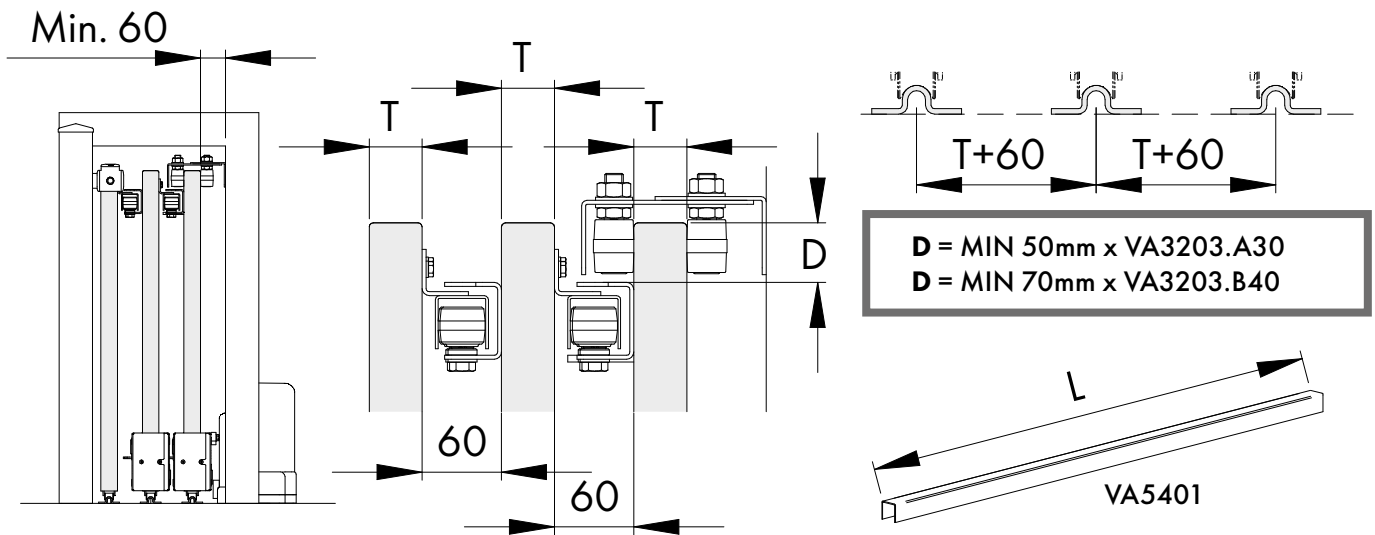
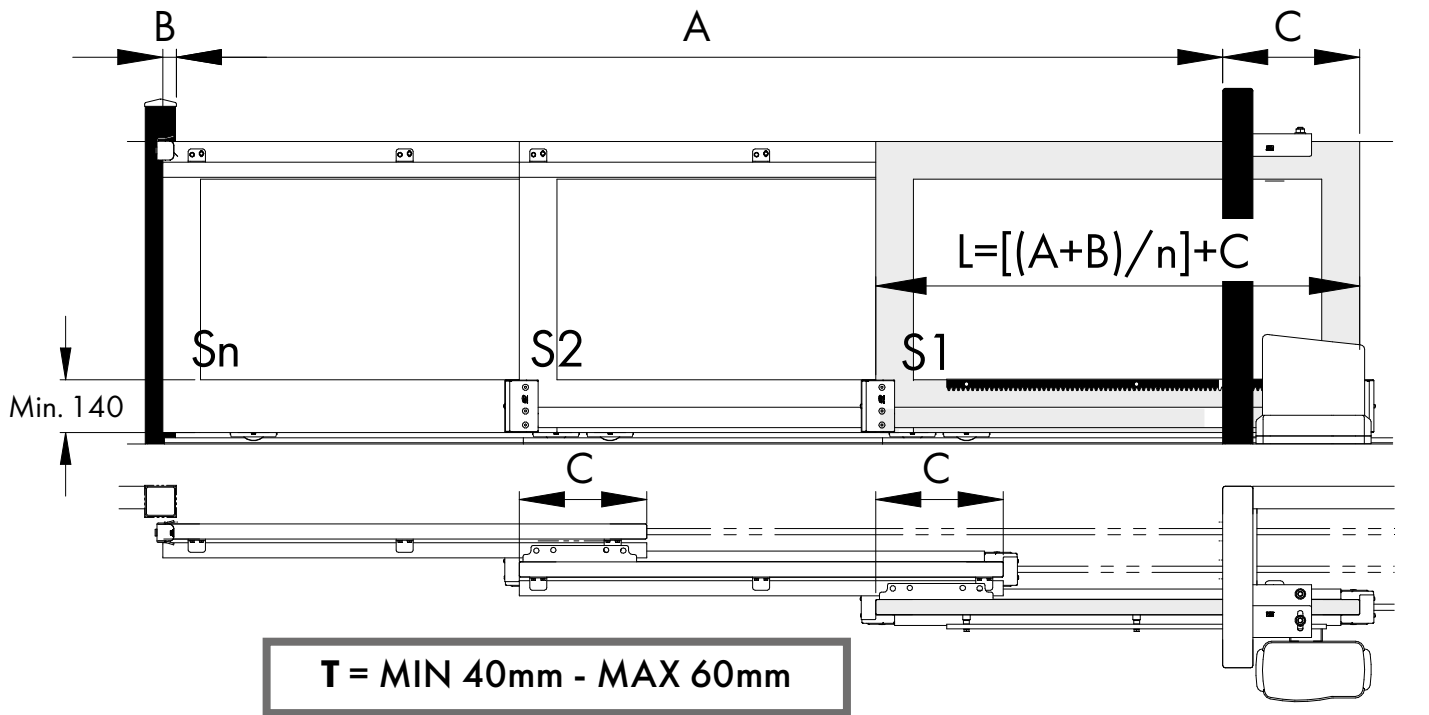
ARTICLE CONNEXES

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DIMENSIONNEMENT DES VANTAUX FLÜGELBEMESSUNG

Poids du portail / Torgewicht = 600 Kg

OUVERTURE (A) ÖFFNUNG (A)	C min	L (m) avec/mit B=0,1 m	KIT
3	0,35	1,39	KA5102.106/406
4	0,35	1,72	KA5102.106/406
5	0,35	2,05	KA5102.106/406
6	0,35	2,39	KA5102.106/406
7	0,35	2,72	KA5102.112/412
8	0,35	3,05	KA5102.112/412
9	0,35	3,39	KA5102.112/412
10	0,35	3,72	KA5102.112/412
11	0,35	4,05	KA5102.112/412
12	0,35	4,39	KA5102.112/412

MESURES HORS TABLEAU BEISPIEL NICHT IN TABELLE VERZEICHNETE MASSE

$n = 3$ (nombre de vantaux / Flügelzahl)

$A = 9,6$ m

$B = 0,06$ m (choisi par l'installateur / vom Installateur gewählt)

$C = 0,35$ m (voir tableau / siehe Tabelle)

$L = [(A+B)/n] + C$

$L = [(9,6+0,06)/3] + 0,35 = 3,57$



INFO TECHNIQUE
TECHNISCHE INFORMATIONEN

1. L'installation des vis de sécurité et des butées de fin de course est obligatoire.
2. Pour sélectionner l'automatisation correcte il faut calculer le poids du portail en ajoutant le poids du premier vantail au double poids du deuxième vantail, au triple poids du troisième vantail.
Pour le choix du moteur = poids S1 + (2x Poids S2) + (3x Poids S3).
3. Type de moteur recommandé : 24 volt DC
4. La traction idéale est celle nécessaire pour maintenir le câble tendu. Une tension inférieure ou supérieure peut réduire la durée du câble.
5. La vitesse maximale de fermeture du deuxième et troisième vantail est : $S2 = 0,18\text{m/s}$
6. Démarrages et arrêts stressent le système en réduisant la durée et peuvent causer la rupture de certaines pièces.
7. Accélération, décélération et variations de vitesse élevées peuvent causer un effet élastique entre les vantaux pendant le mouvement.

1. Die Verwendung von Torauffangstücken in der Endlage und die Installation von Sicherheitsschrauben sind vorgeschrieben (Abb. 15/16)

2. Für die Wahl des Motors ist das Gewicht zu berücksichtigen, das anders als sonst bewegt wird.

Dem Gewicht des ersten Flügels S1 ist somit das doppelte Gewicht des zweiten Flügels S2, das dreifache Gewicht des dritten Flügels ... usw. hinzuzurechnen. Referenzmasse für die Motorauswahl = GewichtS1 + (2 x GewichtS2) + (3 x GewichtS3) +

3. Empfohlener Motortyp: 24Volt DC

4. Optimal gespannt ist das Seil, wenn die Spannung ausreicht, es horizontal zu halten. Eine höhere oder geringere Spannung verkürzt die Lebensdauer des Seils.

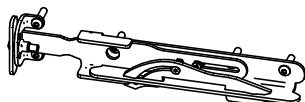
5. Max. Geschwindigkeit der Flügelschließung $S_n = 0.18\text{m/s}$

6. Abrupte Halte- und Anfahrvorgänge belasten das System stark und verkürzen seine Lebensdauer. Außerdem können sie Fehlfunktionen und Bruch verursachen.

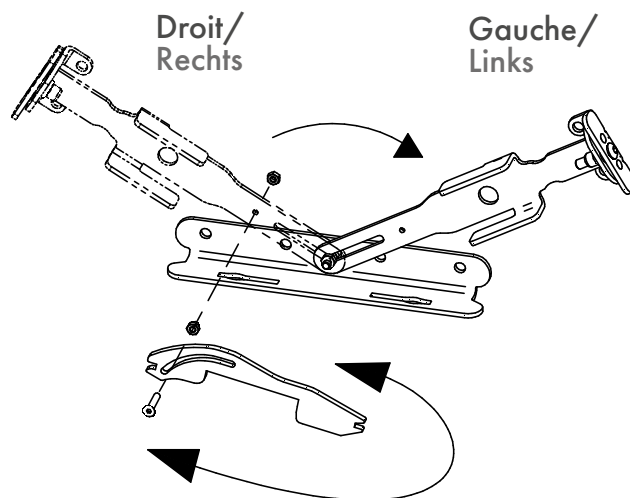
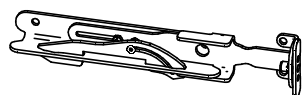
7. Beschleunigungen, Abbremsungen und Geschwindigkeitsänderungen können während der Bewegung einen elastischen Effekt zwischen den Flügeln verursachen

PRÉPARER L'ATTELAGE DROIT ET GAUCHE DANS LES QUANTITÉS INDIQUÉES :
DIE KUPPLUNGSVORRICHTUNGEN RECHTS UND LINKS IN DEN ANGEgebenEN MENGEN
BEREITHALTEN:

3x
Droit/
Rechts

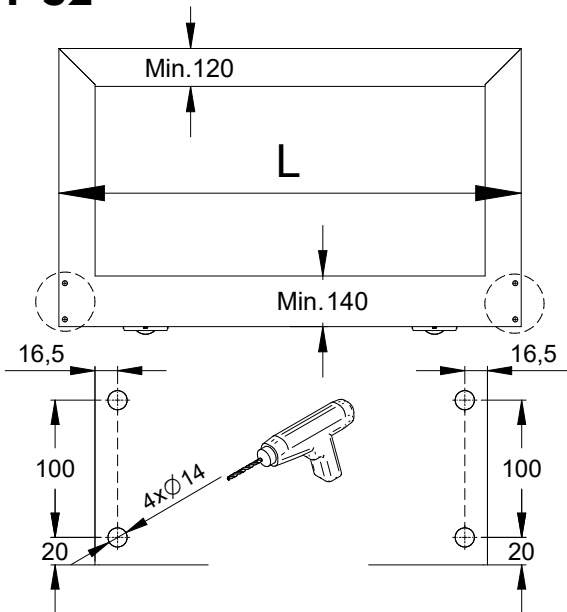


1x
Gauche/
Links

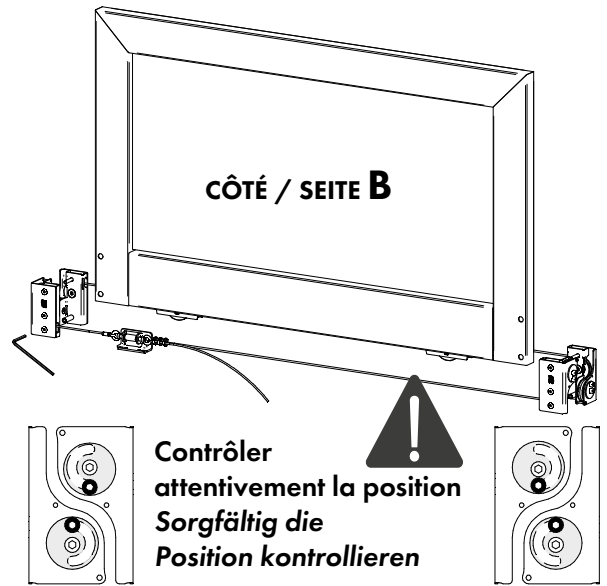




1 S1-S2

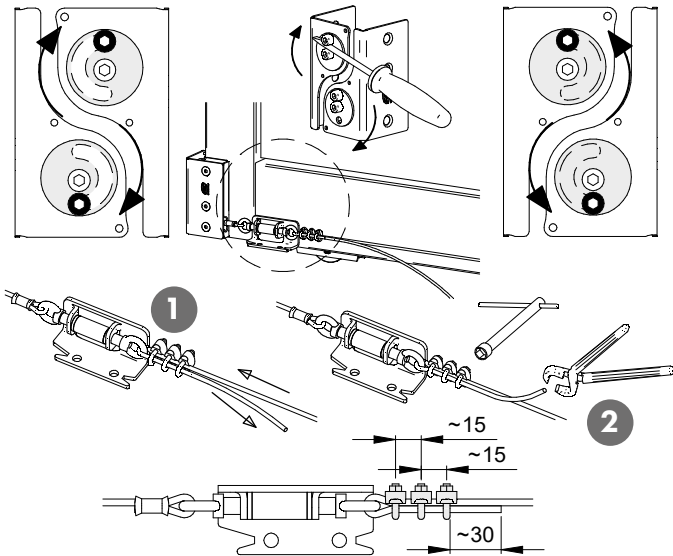


2 S1-S2

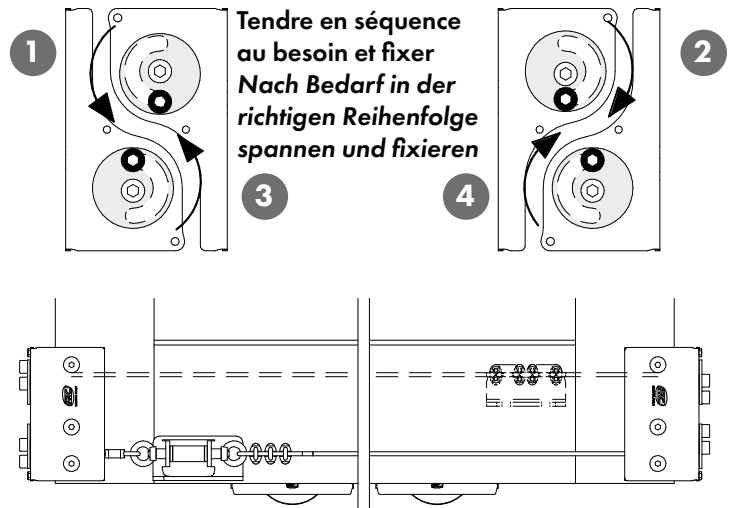


3 S1-S2

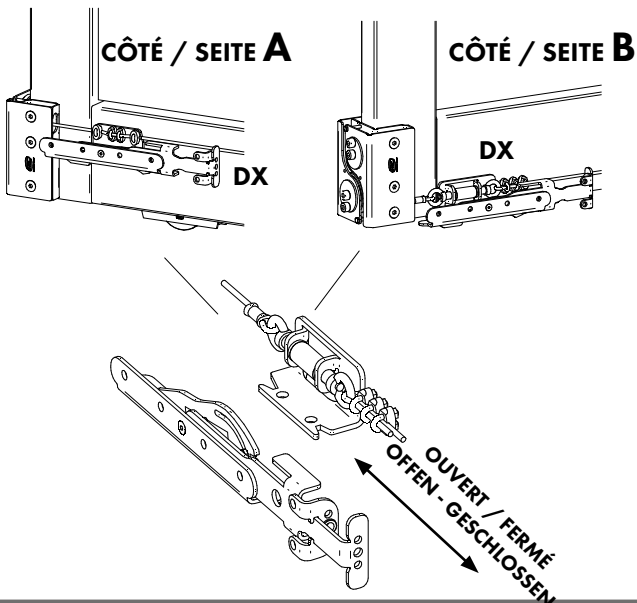
Desserrer / Lockern



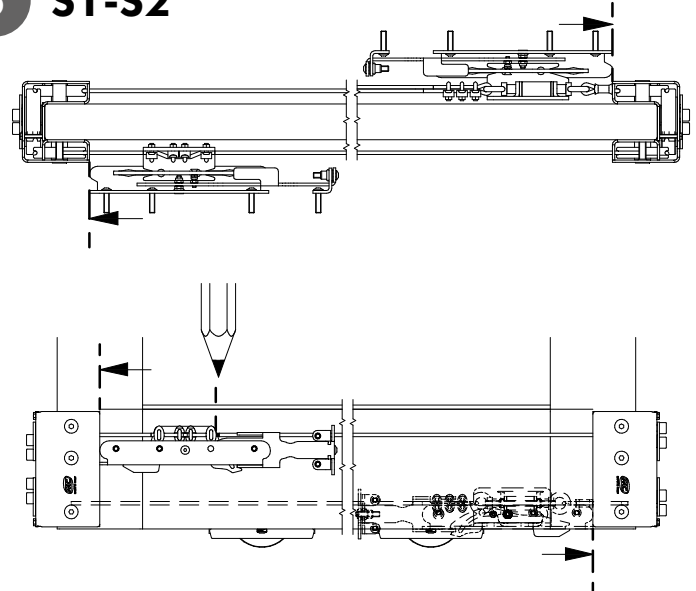
4 S1-S2



5 S1-S2

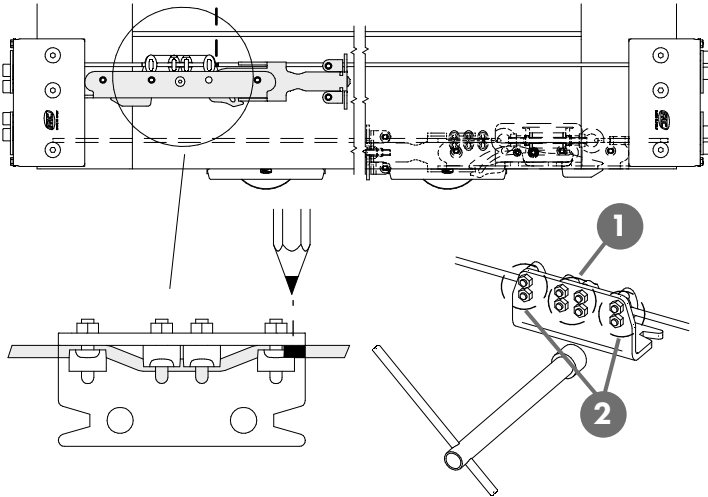


6 S1-S2



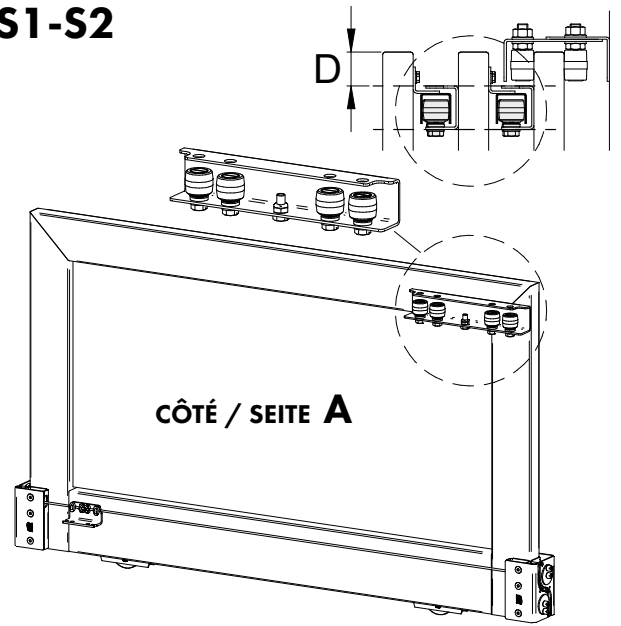


7 S1-S2

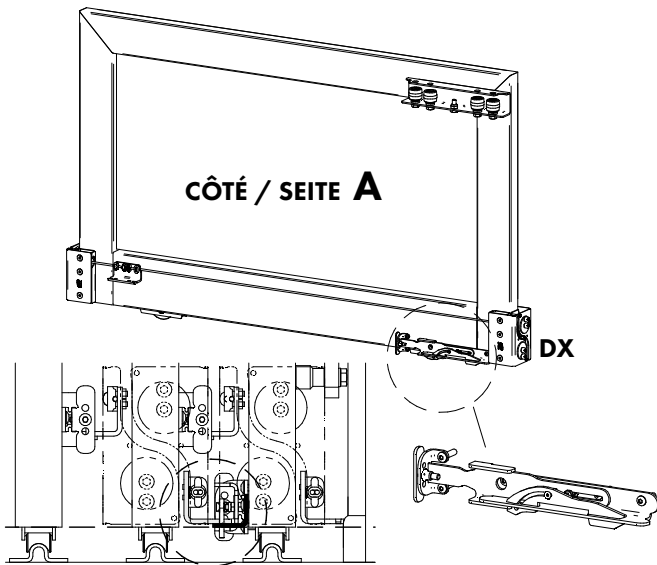


Tendre en séquence
In der richtigen Reihenfolge fixieren

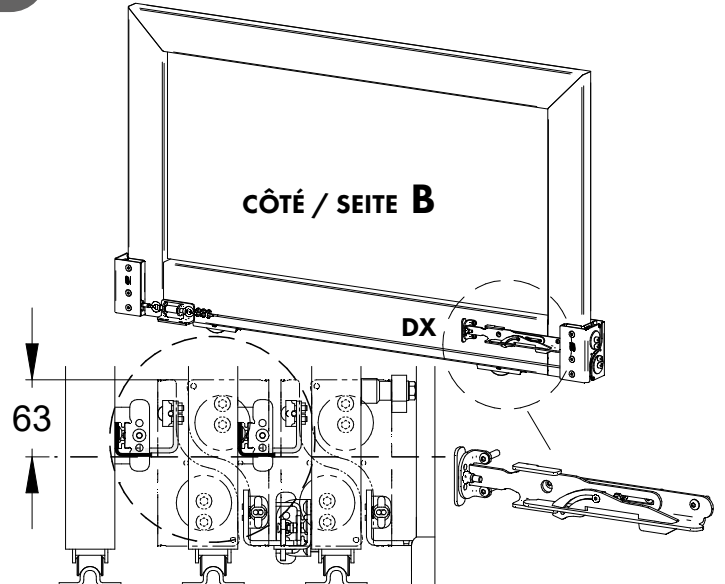
8 S1-S2



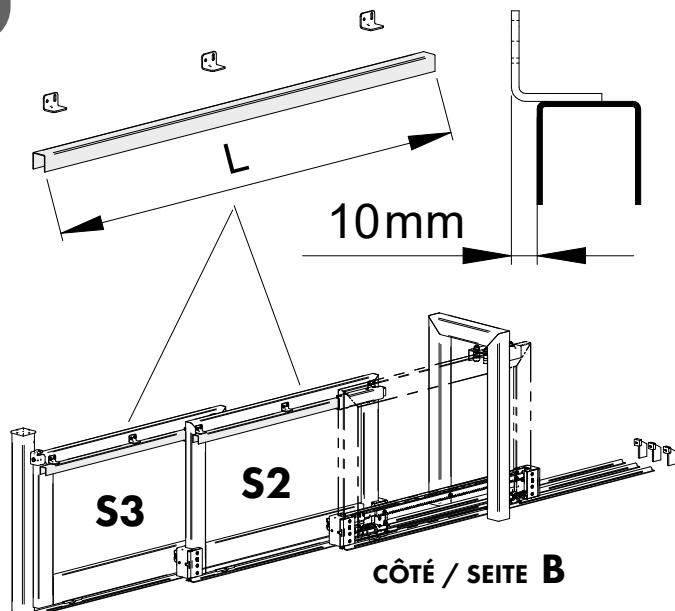
9 S1



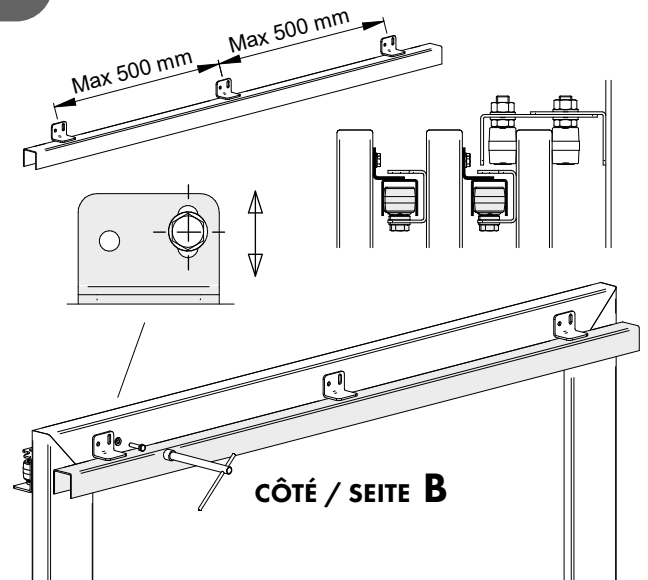
10 S2-S3



11

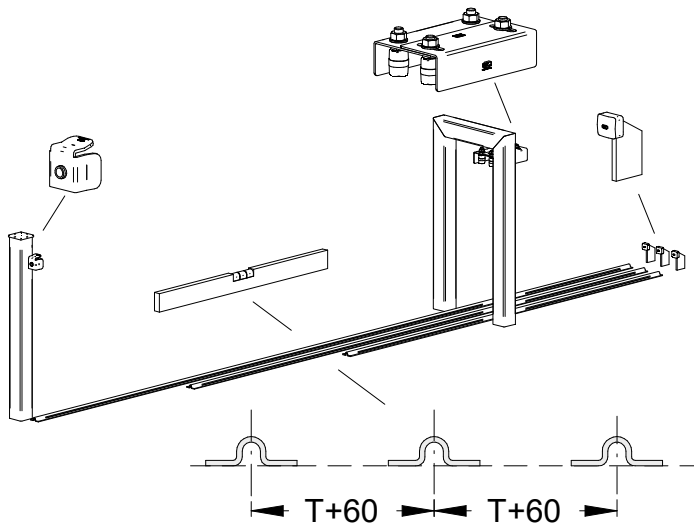


12 S2-S3





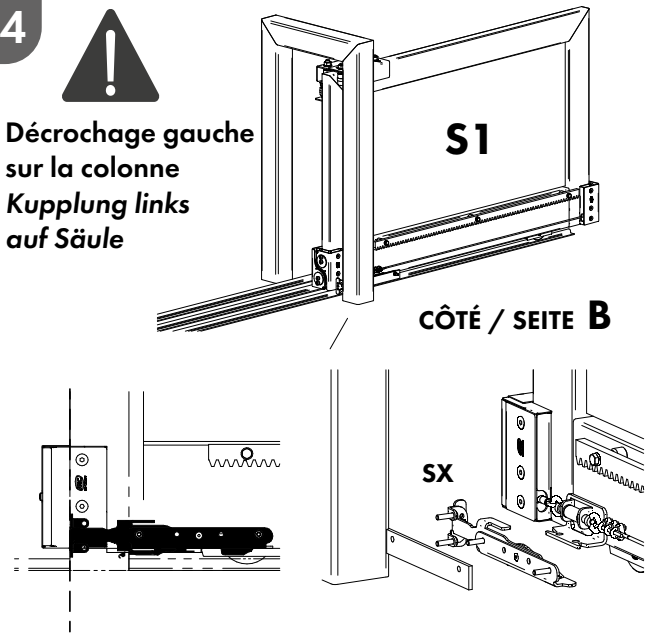
13



14

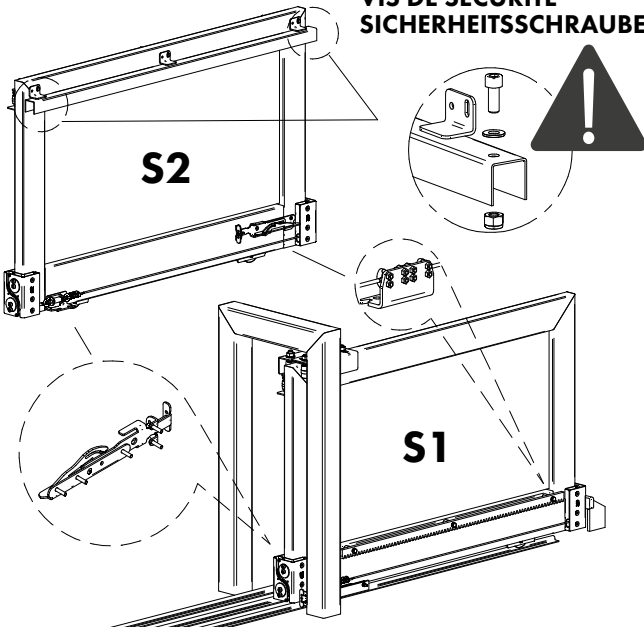


Décrochage gauche
sur la colonne
Kupplung links
auf Säule



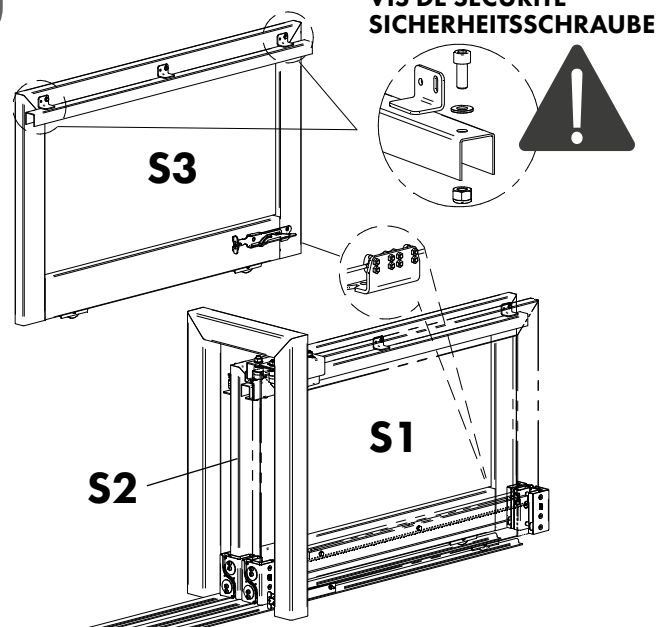
15

VIS DE SÉCURITÉ
SICHERHEITSSCHRAUBE

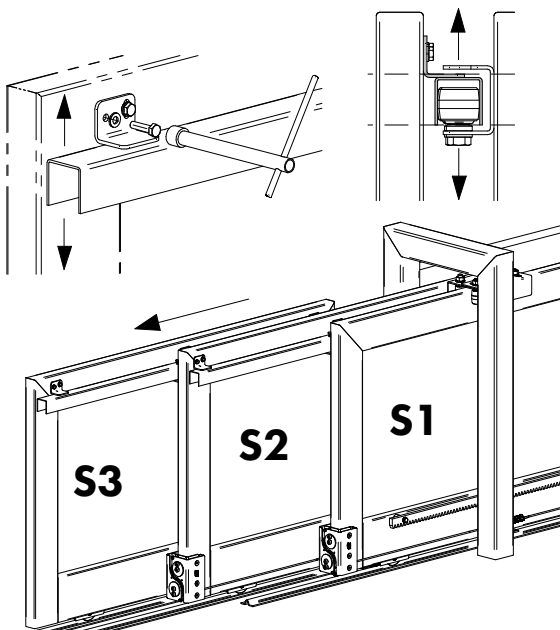


16

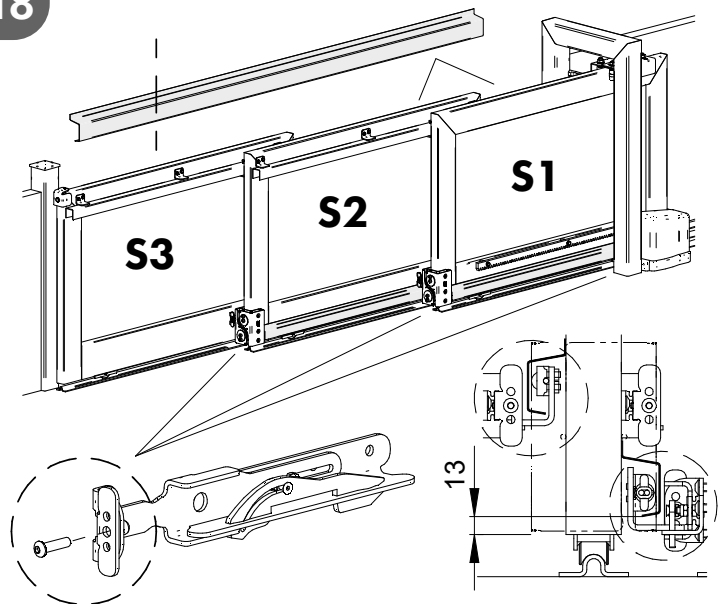
VIS DE SÉCURITÉ
SICHERHEITSSCHRAUBE



17

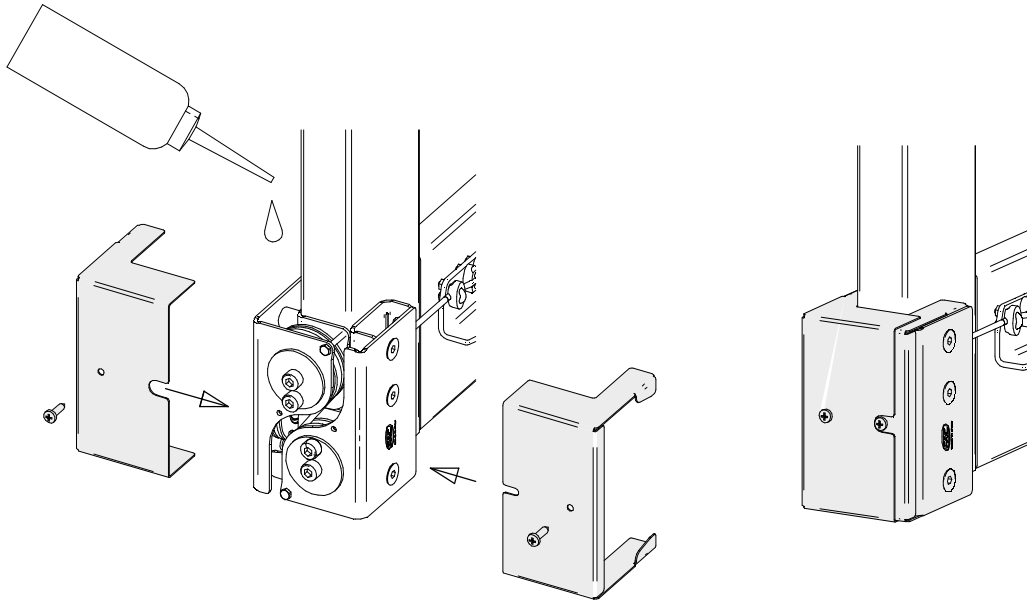


18





19





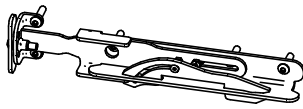
VERSION GAUCHE
LINKSVERSION

Pour l'installation de la version gauche utiliser les mêmes instructions en les considérant dans le sens opposé. Il faut faire particulière attention surtout aux points mentionnés ci-dessous :

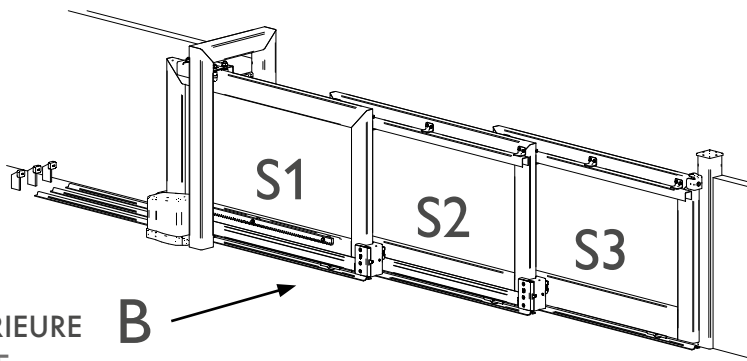
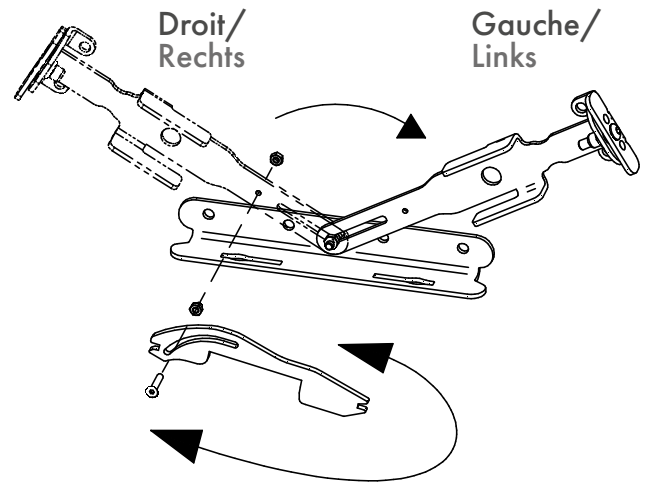
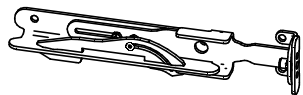
Für die Montage der linken Version gilt die selbe Anleitung wie für die rechte Version, nur in der umgekehrten Richtung. Besonderes Augenmerk verlangen die folgenden Punkte:

PRÉPARER L'ATTELAGE DROIT ET GAUCHE DANS LES QUANTITÉS INDIQUÉES:
DIE KUPPLUNGSVORRICHTUNGEN RECHTS UND LINKS IN DEN ANGEGEBENEN MENGEN
BEREITHALTEN:

1x
Droit/
Rechts



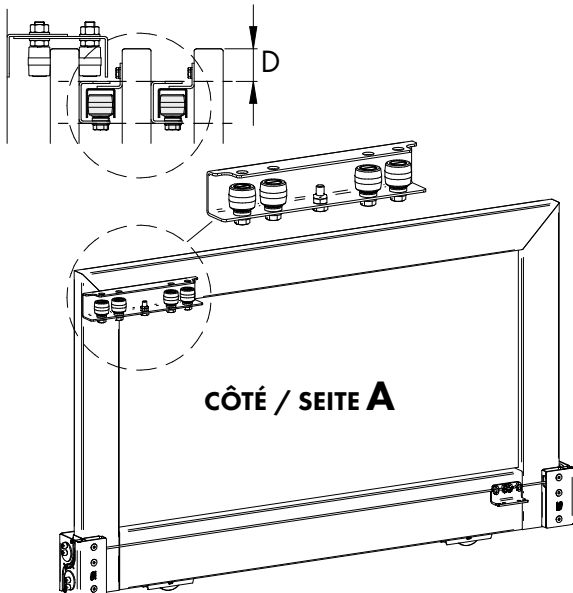
3x
Gauche/
Links



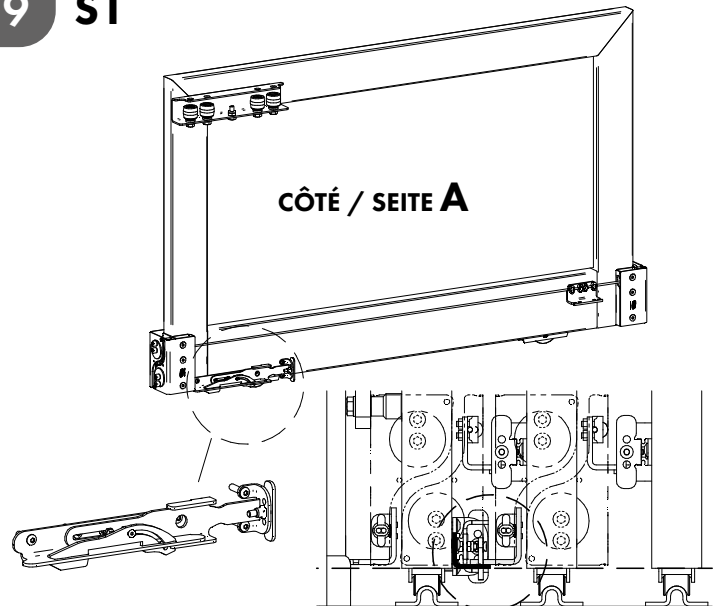
CÔTÉ INTÉRIEURE
INNENSEITE

CÔTÉ EXTÉRIEURE
AUSSENSEITE

8 S1-S2

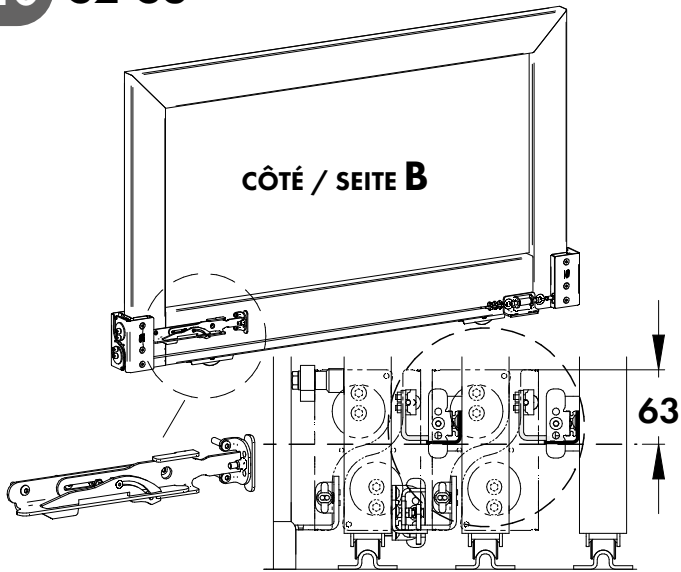


9 S1

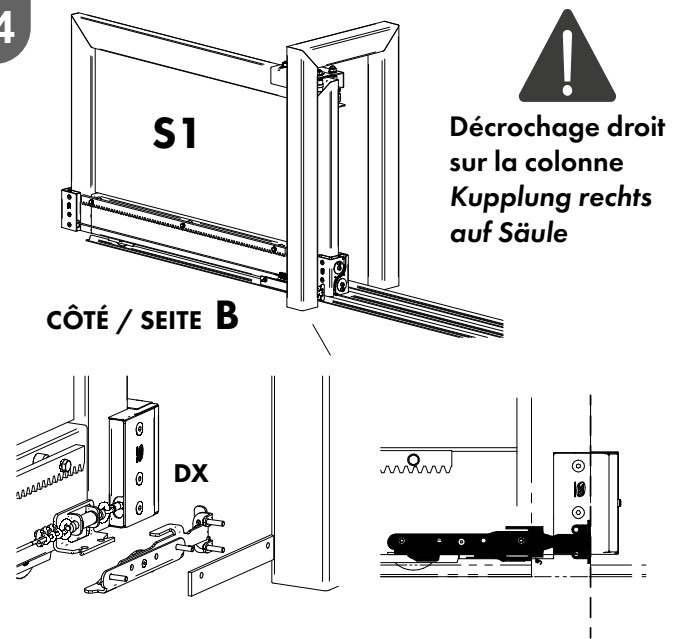




10 S2-S3



14



ENTRETIEN
WARTUNG

1. Une fois le montage terminé et après avoir exécuté quelques opérations d'ouverture et de fermetures, s'assurer qu'il n'y a pas de pièces desserrées et garder toujours le système bien lubrifié. Contrôler au maximum tous les 8000 cycles et tous les 3 mois. Si nécessaire, il faut intervenir en serrant les vis et en lubrifiant le câble. (Voir image 8-10)
2. Dans le cas où le câble soit lâche il faut refaire la procédure de mise en tension.
3. En cas de chocs provoqués par de véhicules ou par d'autres causes, s'assurer que les pièces du portail n'ont pas été endommagées et éventuellement les remplacer.
4. L'utilisation de ces articles in conditions ambiantes extrêmes, comme : hautes températures, humidité élevée, milieux salés, acides ou poussiéreux, etc. réduit sensiblement la durée des roulements et d'autres parties.
5. FAC garantit le correcte fonctionnement du système uniquement si des pièces de rechange d'origine sont utilisées.

Attention: FAC décline toute responsabilité en cas d'installation incorrecte ou d'utilisation d'accessoires/pièces de rechange non originaux et inadaptés.

Les accessoires qui composent les kits ainsi que la proposition d'installation se réfèrent à un exemple standard.

Une installation non conforme à la procédure indiquée ou la non-exécution des opérations d'entretien correctes, peuvent provoquer un dysfonctionnement du portail, en mettant en danger la sécurité des choses se trouvant à proximité.

Vérifier que les accessoires soient appropriés à l'ouvrage spécifique et l'équiper de tous les dispositifs de sécurité prévus par la réglementation en vigueur.

Pour des informations supplémentaires vous pouvez écrire à info@facsl.com

1. Nach Abschluss der Installation die Funktionsprüfungen vornehmen. Regelmäßig kontrollieren, ob das System einwandfrei arbeitet, keine gelockerten Stellen hat und gut geschmiert ist (empfohlen alle drei Monate, spätestens alle 8000 Vorgänge). Bei Bedarf das Seil nachspannen und schmieren (siehe ABB. 19)
2. Falls das Seil locker ist, muss es nachgespannt werden.
3. Bei Fehlfunktionen, die durch Verschleiß oder versehentliche Stöße bedingt sind, ist sicherzustellen, dass alle Komponenten, die das Tor tragen und bewegen, intakt sind. Bei Bedarf sind solche Komponenten zu ersetzen..
4. Die Verwendung dieser Artikel in besonders feuchter, salz-, säure- und staubhaltiger Umgebung oder in Umgebungen mit Temperaturen über 120°C verkürzt die Lebensdauer der Lager und der in den Artikeln vorhandenen Teile erheblich.
5. FAC übernimmt die Gewährleistung für den einwandfreien Betrieb des Systems ausschließlich dann, wenn Originalersatzteile benutzt werden.

Achtung: Die Firma FAC übernimmt keine Haftung für den Fall einer fehlerhaften Installation oder die Verwendung von Zubehör, Komponenten und Ersatzteilen, die nicht original und nicht für das jeweilige Werk geeignet sind.

Das im Kit enthaltene Zubehör und die vorgeschlagene Anlage beziehen sich auf ein Standardbeispiel. Eine Installation, die nicht der dargestellten Prozedur entspricht oder die Unterlassung der korrekten Wartung können Fehlfunktionen verursachen sowie die Sicherheit von in der Nähe befindlichen Personen und Sachwerten beeinträchtigen. Prüfen Sie, ob das Zubehör für die spezifische Anlage geeignet ist. Diese ist mit den notwendigen und vorschriftsmäßigen Sicherheitsvorrichtungen auszustatten.

Weitere Informationen erhalten Sie unter: info@facsl.com



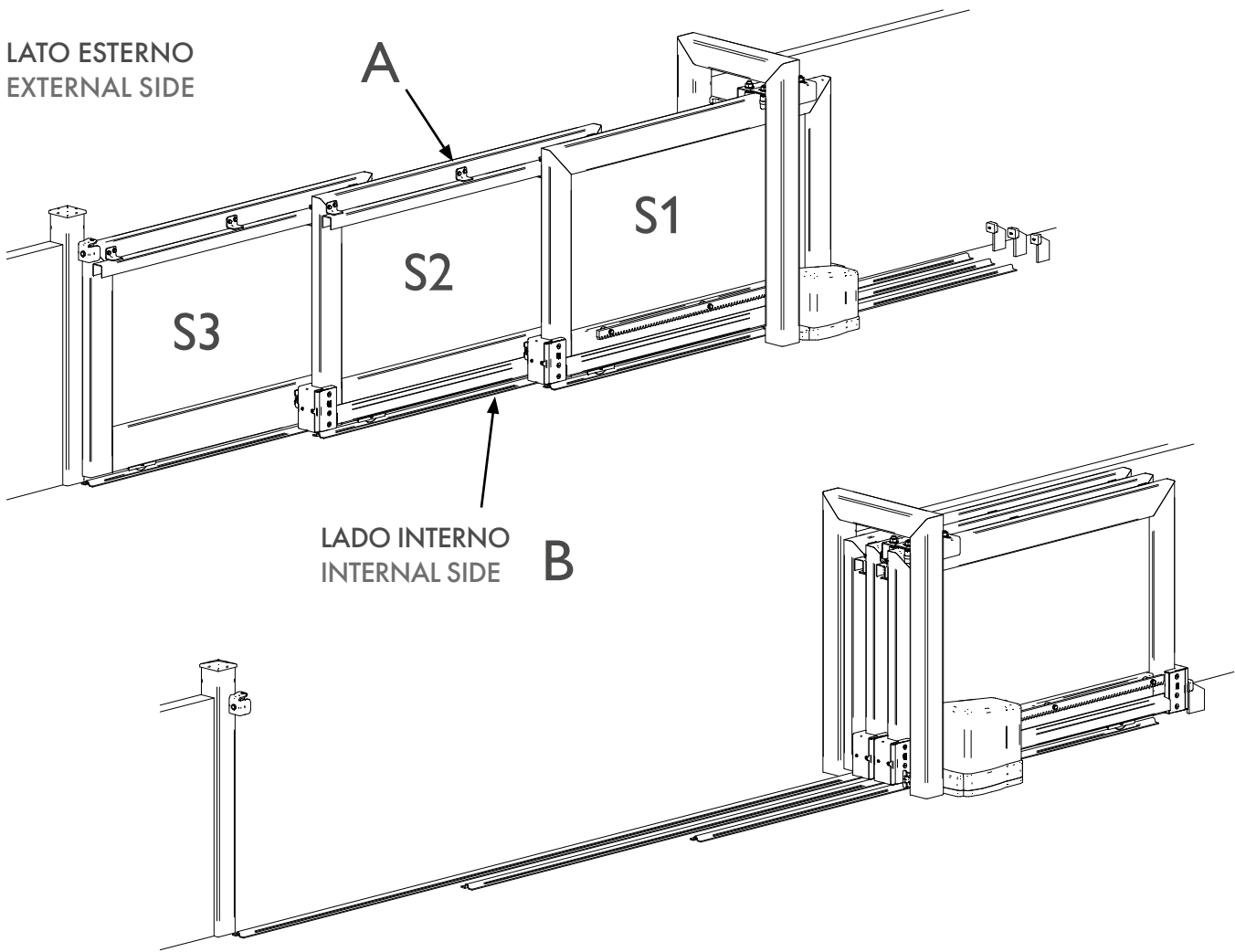
KIT TELESCOPICA MULTI-HOJA MULTI-LEAF TELESCOPIC KIT

Kit de accesorios cincados para la instalación de una puerta telescópica de 3 hojas. Un motorreductor debe ser instalado para controlar la velocidad y la carga en el motor. El kit está diseñado para ser montado en el lado derecho (para la versión en el lado izquierdo consulte la versión específica del manual).

Galvanized accessories Kit for the installation of a 3 leaves telescopic gate. A gear motor may be required to control the operating speed and the load on the motor. The kit is designed to be mounted on the right side (for the left side version consult the specific manual section).

VERSIÓN DERECHA (PARA LA VERSIÓN IZQUIERDA VEA LA PAGINA 9)
RIGHT VERSION (FOR THE LEFT VERSION SEE PAGE 9)

LATO ESTERNO
EXTERNAL SIDE



HASTA 6m DE APERTURA - OPENING UP TO 6m










KA5102.106	Ruedas D.90 canal V / D.90 V groove wheels	M
KA5102.406	Ruedas D.100 canal U de 20 / D.100 half-round groove wheels 20mm	M

HASTA 12m DE APERTURA - OPENING UP TO 12m

KA5102.112	Ruedas D.90 canal V / D.90 V groove wheels	M
KA5102.412	Ruedas D.100 canal U de 20 / D.100 half-round groove wheels 20mm	M



LISTA DE COMPONENTES
COMPONENTS

<p>x2</p>  <p>LUBRIFICANTE INCLUSO OIL INCLUDED</p>	<p>x4</p> 	<p>x2</p> 						
<p>VA5102</p>	<p>VA5203</p>	<p>VA3502</p>						
<p>x1</p> 	<table border="1"> <tr> <td>A max</td> <td>6m</td> <td>12m</td> </tr> <tr> <td>n° pz</td> <td>8</td> <td>14</td> </tr> </table> 	A max	6m	12m	n° pz	8	14	<p>x4</p> 
A max	6m	12m						
n° pz	8	14						
<p>VA3204</p>	<p>VA5302</p>	<p>VA4101</p>						
<p>x6</p>  	<table border="1"> <tr> <td>A max</td> <td>6m</td> <td>12m</td> </tr> <tr> <td>n° pz</td> <td>12</td> <td>20</td> </tr> </table> 	A max	6m	12m	n° pz	12	20	
A max	6m	12m						
n° pz	12	20						
<p>VA1104/VA1404</p>	<p>VA5411</p>							

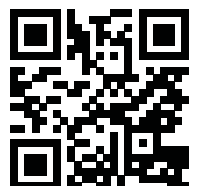


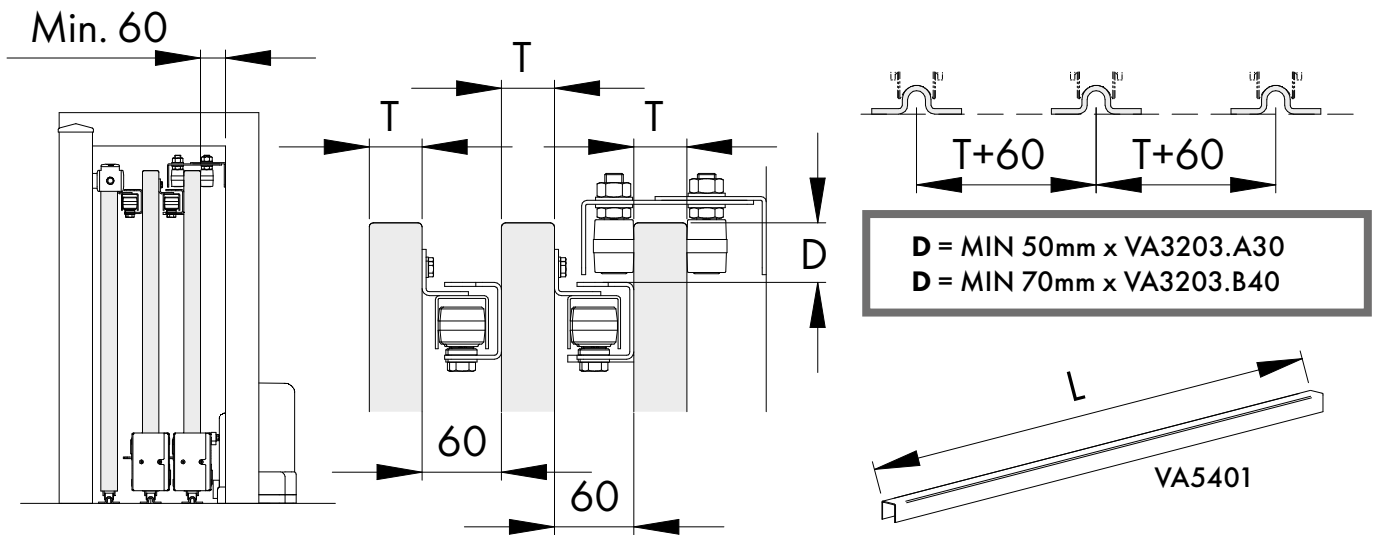
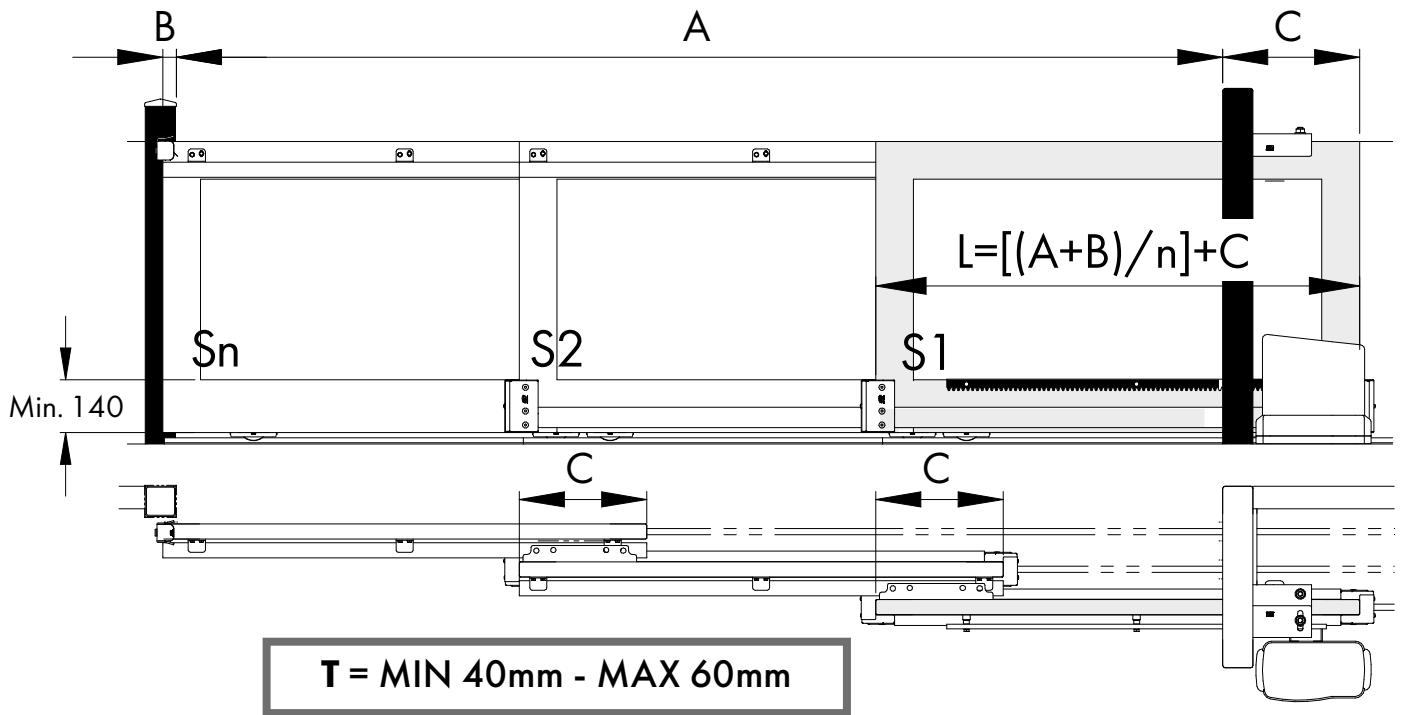
ARTÍCULOS RELACIONADOS

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RELATED ARTICLES

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DIMENSION DE LAS HOJAS
LEAVES DIMENSIONING

Peso de la puerta/ Max gate weight = 600 Kg

APERTURA OPENING (A)	C min	L (m) con/with B=0,1 m	KIT
3	0,35	1,39	KA5102.106/406
4	0,35	1,72	KA5102.106/406
5	0,35	2,05	KA5102.106/406
6	0,35	2,39	KA5102.106/406
7	0,35	2,72	KA5102.112/412
8	0,35	3,05	KA5102.112/412
9	0,35	3,39	KA5102.112/412
10	0,35	3,72	KA5102.112/412
11	0,35	4,05	KA5102.112/412
12	0,35	4,39	KA5102.112/412

EJEMPLO DE MEDIDAS FUERA DE LA TABLA
EXAMPLE OF OUT-OF-TABLE MEASUREMENTS

$n = 3$ (número de hojas/leaves number)
 $A = 9,6$ m
 $B = 0,06$ m (seleccionado por el cliente / selected by the customer)
 $C = 0,35$ m (mire la tabla/ see table)
 $L = [(A+B)/n] + C$
 $L = [(9,6+0,06)/3] + 0,35 = 3,57$



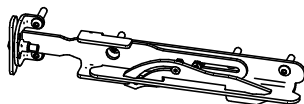
INFORMACIÓN TÉCNICA
TECHNICAL INFO

1. El uso de topes y la instalación de los tornillos de seguridad es obligatoria.
2. Para la elección del motor = Debe de considerar que el peso que el motor tiene que soportar de forma diferente a los casos normales. Para calcular el peso de la puerta, usted necesita sumar el peso de la primera hoja, 2 veces el peso de la segunda y 3 veces el peso de la tercera, etc...
Peso S1 + (2 X peso S2) + (3 X peso S3)
3. Motor recomendado: 24 voltios DC
4. Tensión óptima del cable: La suficiente para mantener el cable en posición horizontal. Una tensión inferior o superior pueden reducir su duración.
5. Velocidad máxima S2 y S3 = 0,18m/s
6. Variaciones sustanciales de la velocidad pueden causar efectos elásticos entre las hojas.
7. Las Aceleraciones, deceleraciones y variaciones de alta velocidad pueden reducir la duración del sistema y causar funcionamientos defectuosos y roturas.

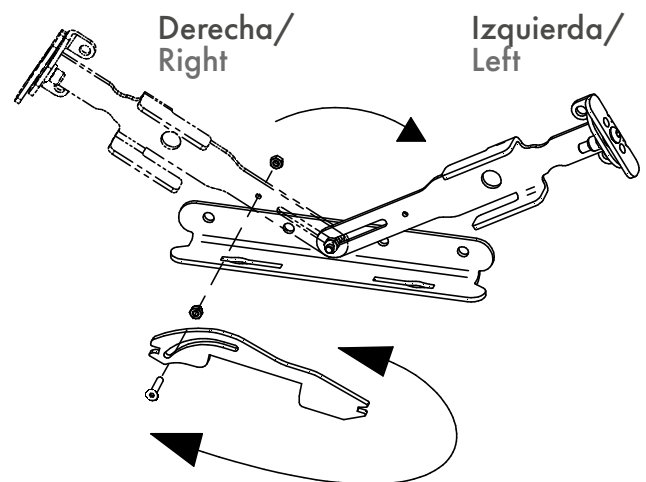
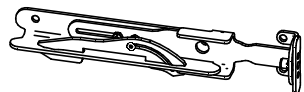
1. The use of limit stops and the installation of safety screws is compulsory.
2. For the motor choice = you have to consider the weight that the motor has to support, unlike the normal cases. To calculate the gate weight, you need to add the weight of the first leaf to twice the weight of the second leaf, to the triple weight of the third leaf, and so on...
Weight S1 + (2x weight S2) + (3x weight S3).
3. Recommended motor: 24-volt DC
4. Optimal tension of the cable: the ideal traction is the one necessary to keep the wire in a horizontal position. A lower or higher tension of the cable can shorten its duration.
5. Second and third leaf maximum closing speed = 0,18m/s
6. Abrupt variations in speed can cause elastic effects between the leaves.
7. Accelerations, decelerations and high-speed variations can shorten the system duration and can cause malfunctions and disruptions.

PREPARE LOS ENGANCHES DE DERECHA E IZQUIERDA EN LAS CANTIDADES INDICADAS:
PREPARE THE RIGHT AND LEFT HITCHES IN THE INDICATED QUANTITIES:

3x
Derecha/Right

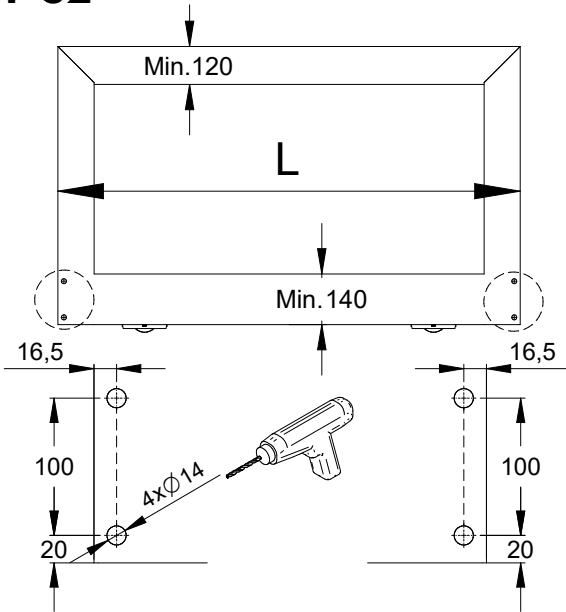


1x
Izquierda/Left

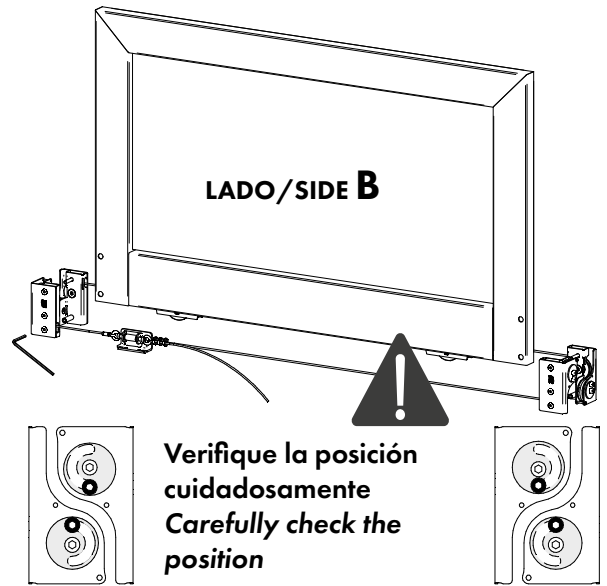




1 S1-S2

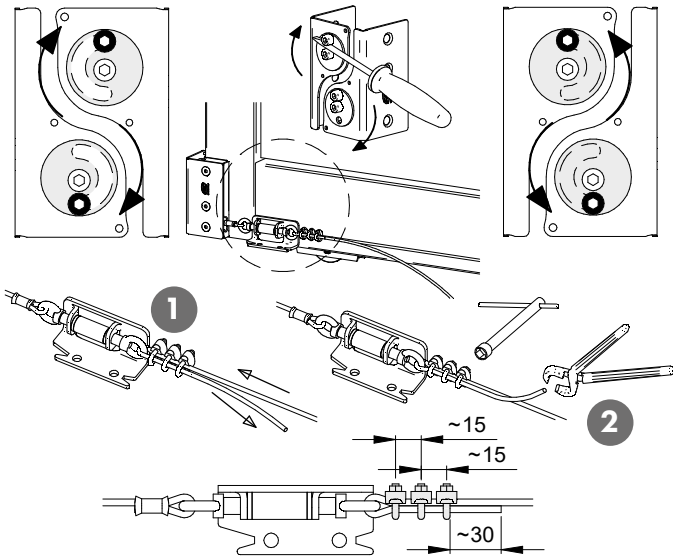


2 S1-S2

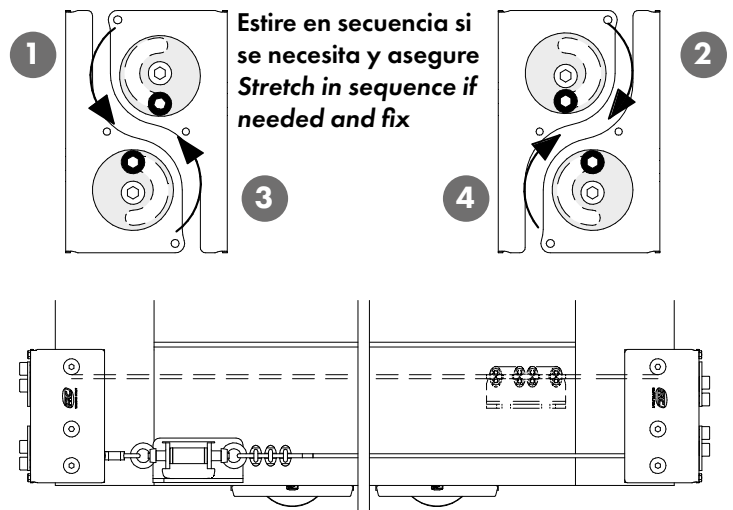


3 S1-S2

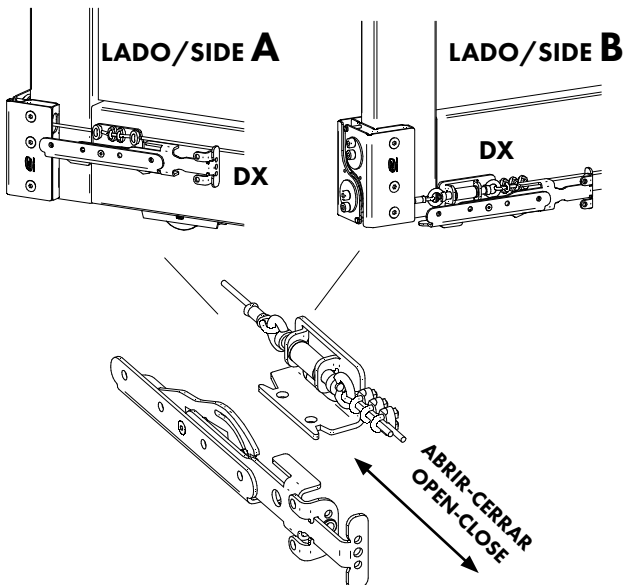
Aflojar/ Loosen



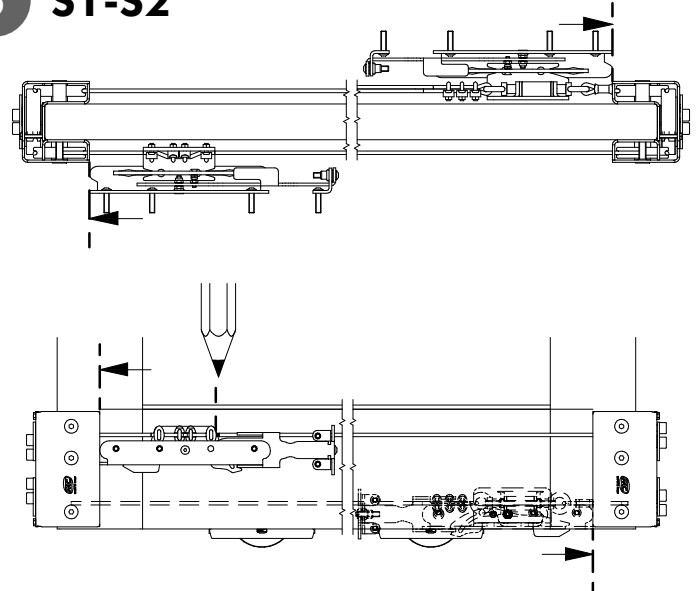
4 S1-S2



5 S1-S2

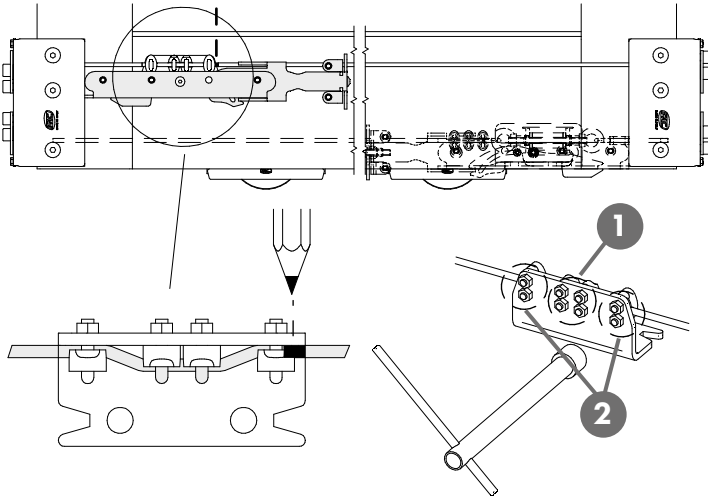


6 S1-S2



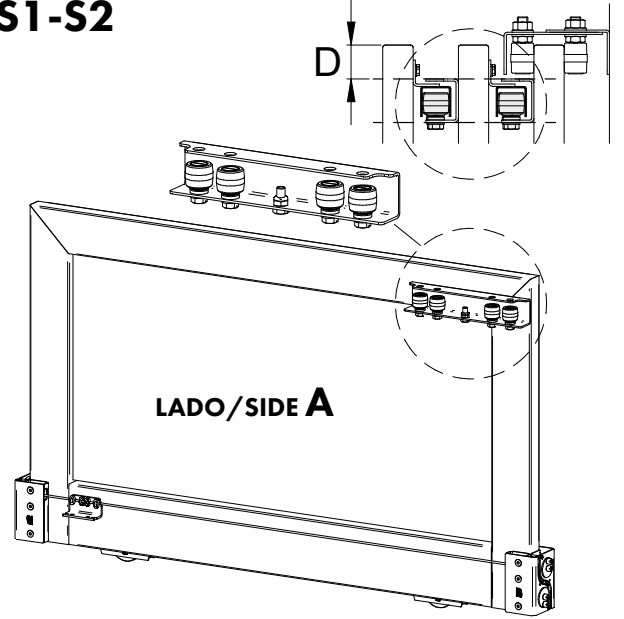


7 S1-S2

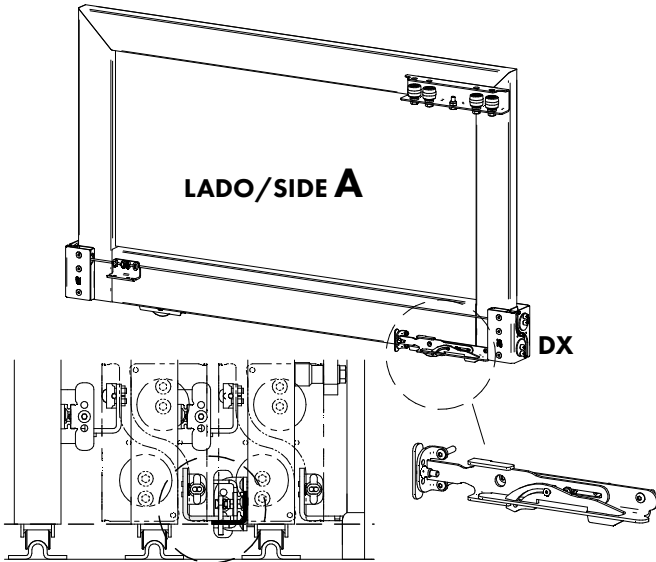


Apriete en la secuencia correcta
Tighten in the correct sequence

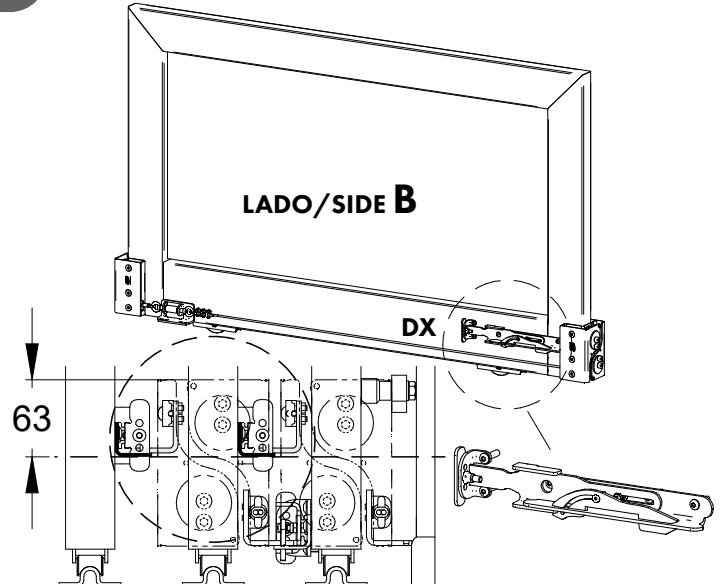
8 S1-S2



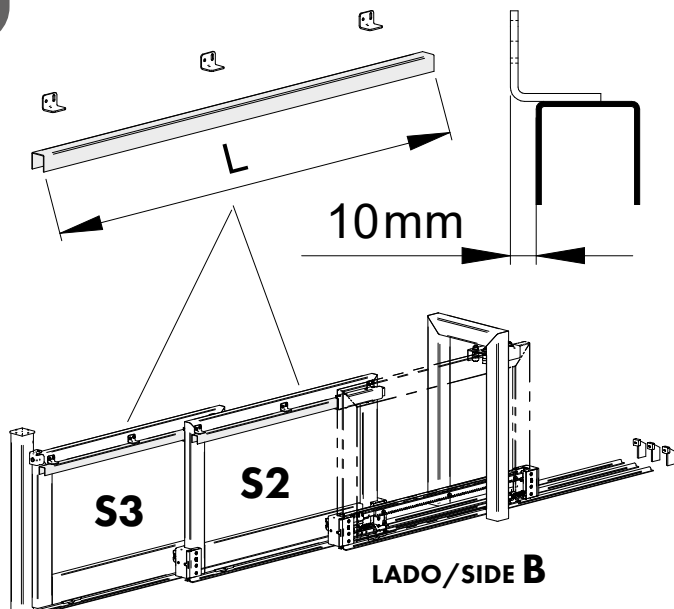
9 S1



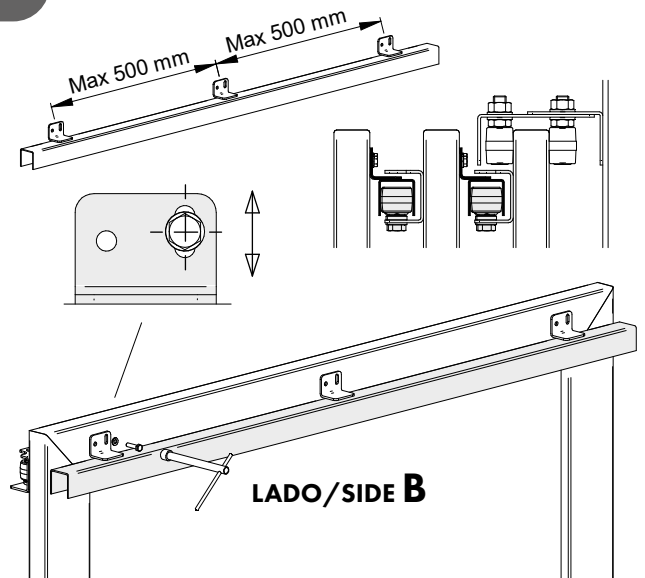
10 S2-S3



11

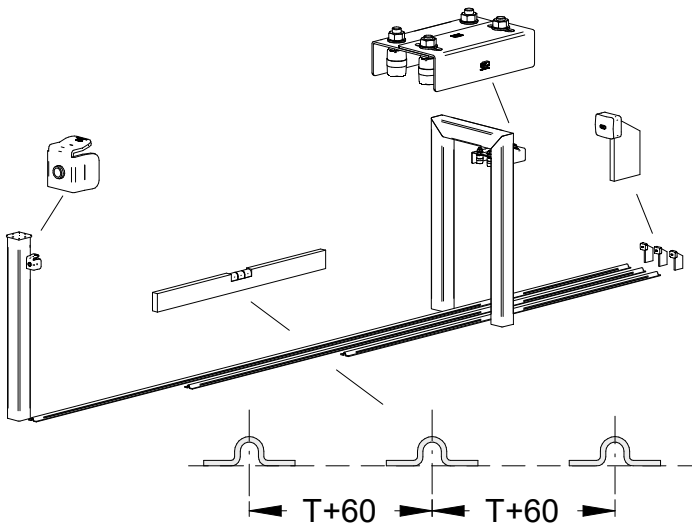


12 S2-S3





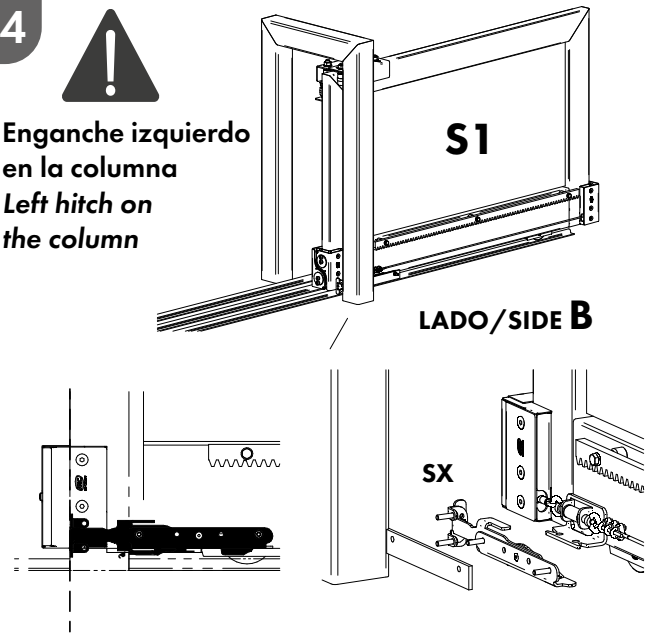
13



14

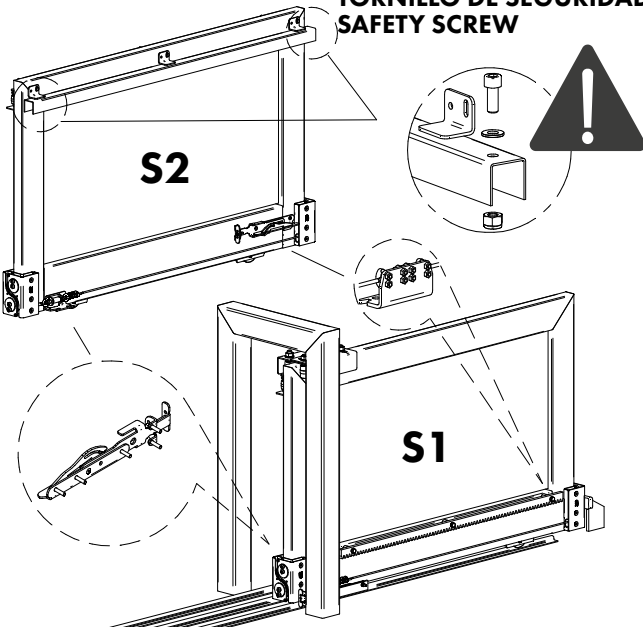


Enganche izquierdo
en la columna
*Left hitch on
the column*



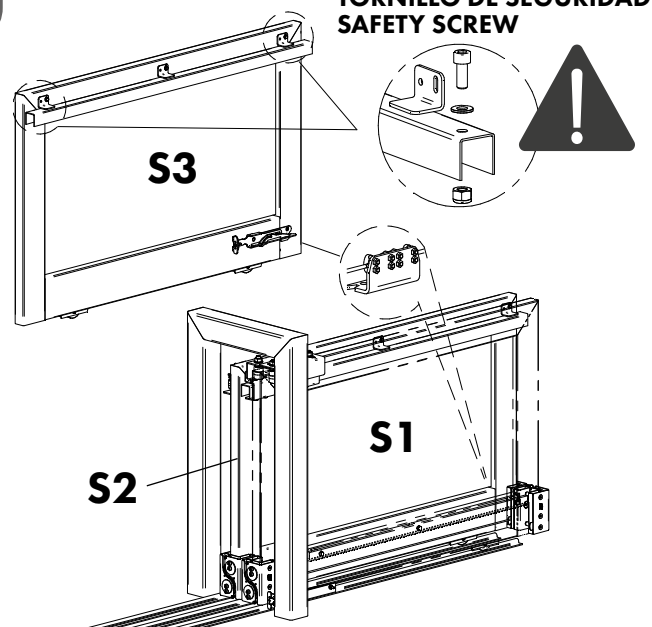
15

TORNILLO DE SEGURIDAD
SAFETY SCREW

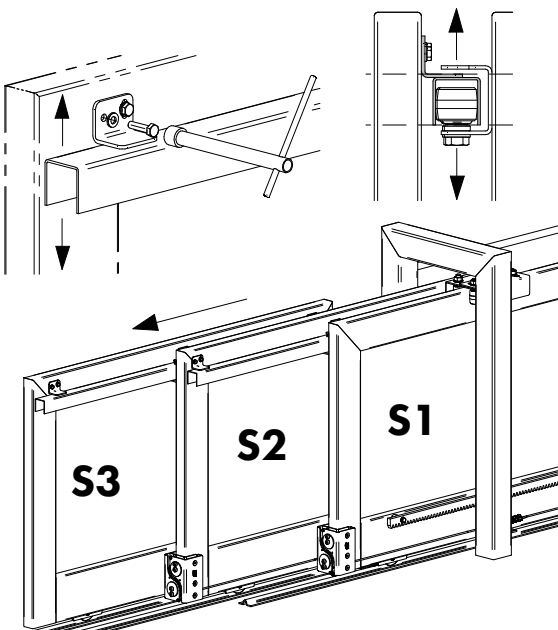


16

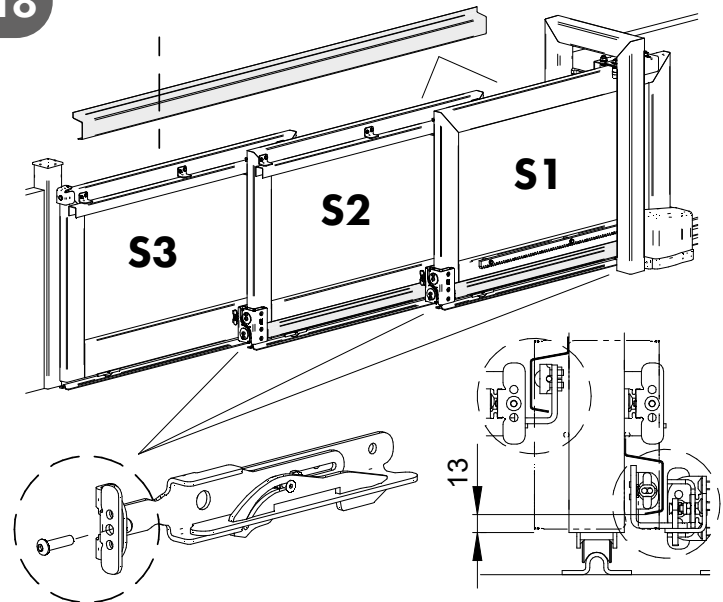
TORNILLO DE SEGURIDAD
SAFETY SCREW



17

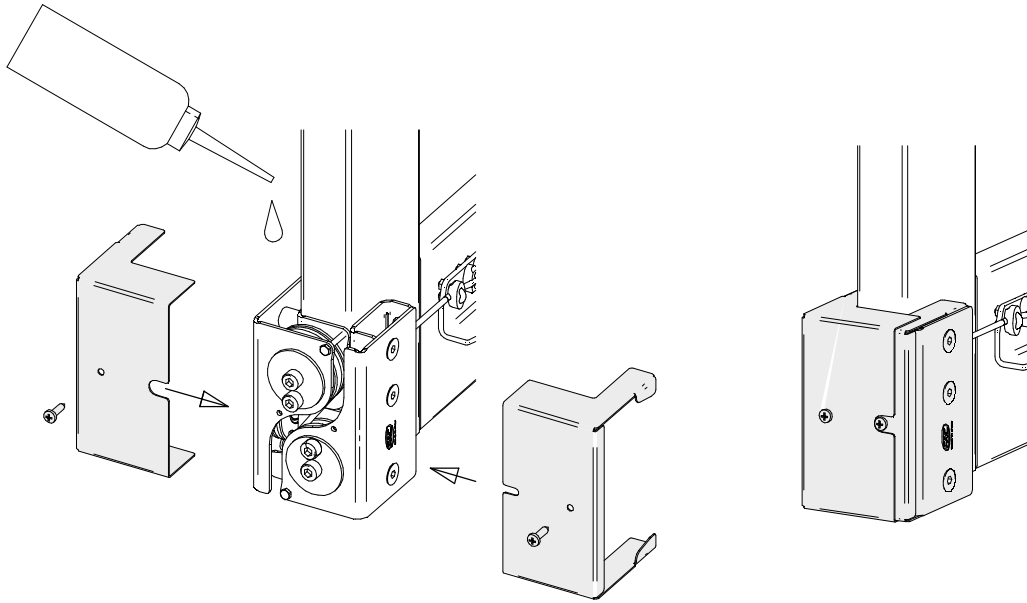


18





19



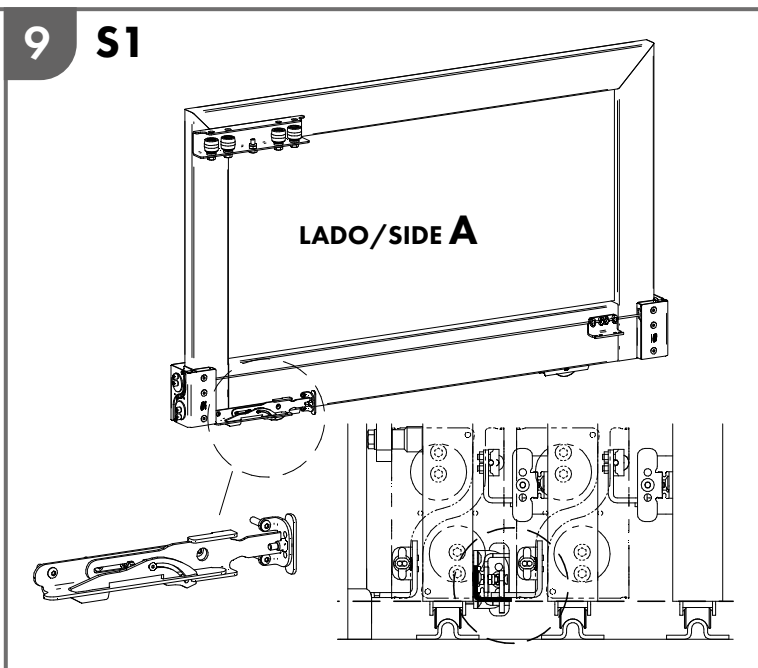
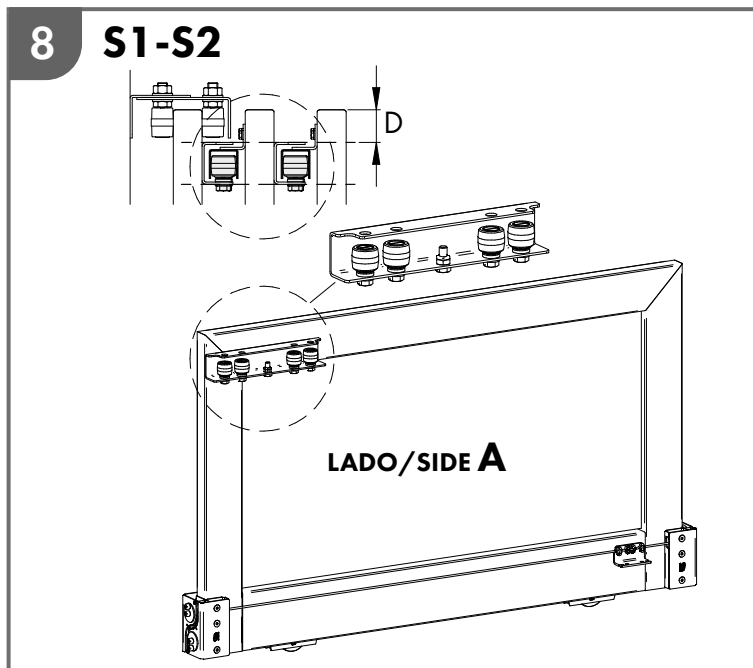
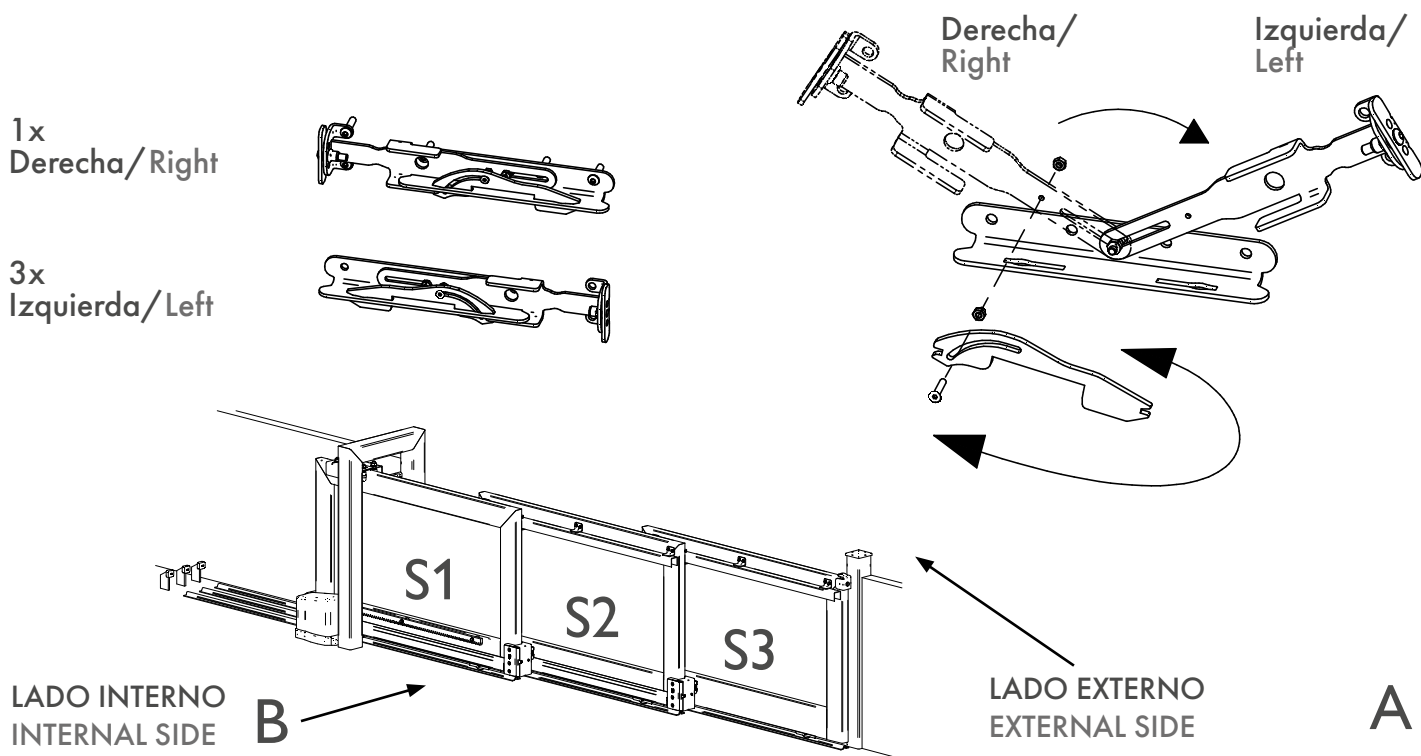


VERSION IZQUIERDA
LEFT VERSION

Para el ensamblado de la versión izquierda, siga las mismas instrucciones, pero interpretadas en la dirección opuesta.
Preste atención a los puntos mostrados a continuación:

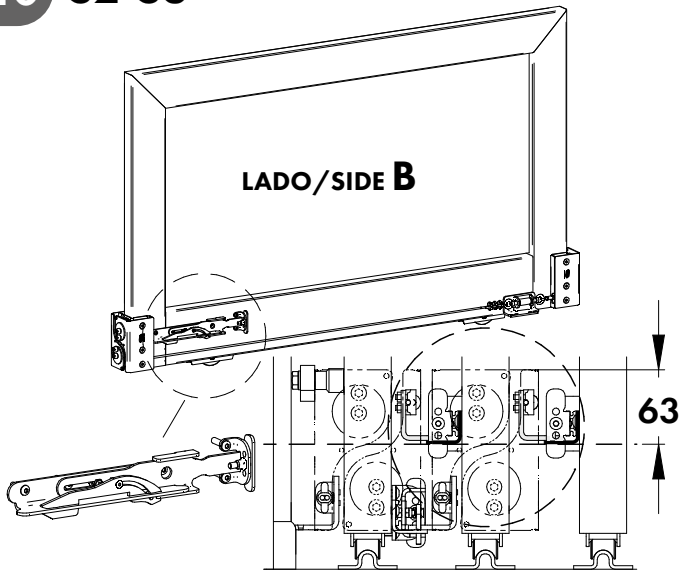
*For the assembly of the left version, follow the same instructions but interpreting in the opposite direction.
Pay attention to the points given below:*

PREPARE LOS ENGANCHES DERECHOS E IZQUIERDOS EN LAS CANTIDADES INDICADAS:
PREPARE THE RIGHT AND LEFT HITCHES IN THE INDICATED QUANTITIES:

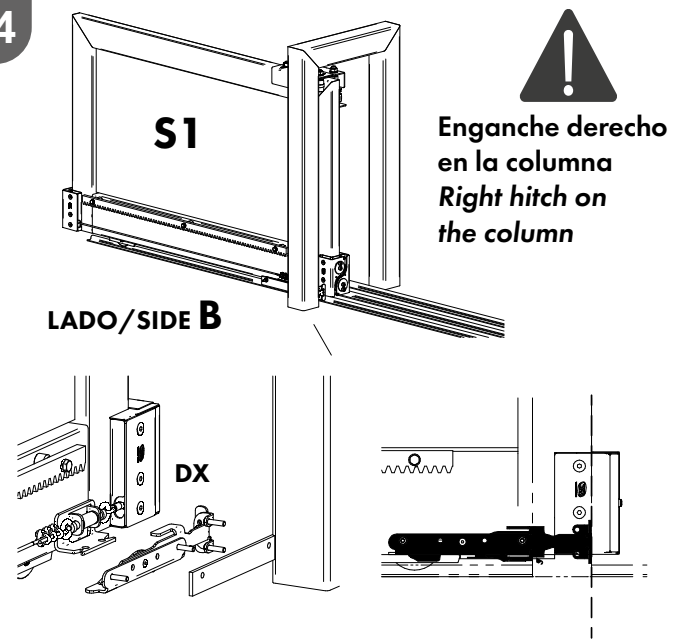




10 S2-S3



14



MANTENIMIENTO
MAINTENANCE

1. Inspeccione manualmente el funcionamiento al final de la instalación; periódicamente revise que el sistema funciona correctamente, que está bien lubricado que no hay ningún aflojamiento (sugerimos una revisión completa cada 3 meses o después de 8000 ciclos). Si fuera necesario, ajuste la tensión del cable y/o lubríquelo.
2. Si el cable está suelto repita el proceso de tensionado.
3. En caso de funcionamiento incorrecto debido al desgaste o a impactos accidentales, asegúrese que todos los componentes están aptos para soportar la puerta y que su conservación está intacta. Si fuera necesario, proceda con la sustitución.
4. El uso de este sistema en condiciones ambientales severas, como en ambientes: de alta humedad, altas temperaturas, salinidad, acidez, o polvorientos, etc... se reducirá la duración de los rodamientos y otras partes.
5. FAC asegura el correcto funcionamiento del sistema solo si se usan componentes originales.

Atención: FAC no asume ninguna responsabilidad en caso de instalación o uso equivocado de accesorios/ componentes/repuestos no originales y no idóneos para la obra específica.

El Kit incluye accesorios y la propuesta de instalación hace referencia a un ejemplo estándar. Una Instalación que no esté de acuerdo con el procedimiento ilustrado y la omisión del correcto mantenimiento podrían comprometer bienes cercanos y la seguridad de las personas. Asegúrese de que todos los accesorios se adaptan a su trabajo específico y asegúrese del uso de los dispositivos de seguridad previstos por las regulaciones vigentes.

Para más información: info@fac srl.com

1. Perform all functioning inspections manually at the end of the installation; periodically check that the system is functioning, that it is well lubricated and does not have any loosening (we suggest a full examination every 3 months or after 8000 cycles). If necessary, adjust the tensioning of the cable and/or lubricate it.
2. If the cable is loose repeat the tensioning procedure.
3. In case of malfunctions due to wear or accidental impacts, make sure that all components apt to support the gate and its maintenance are intact. If necessary, proceed with substitution.
4. The use of these items in harsh ambient conditions, such as: high humidity; high temperatures, salty, acid or dusty environments, etc. significantly reduce the duration of the bearings and other parts.
5. FAC ensures the system correct functioning only using original spare parts.

Attention: FAC does not assume any responsibility in the event of incorrect installation or use of non-original and unsuitable accessories/spare parts.

The kit included accessories and the proposed installation make reference to a standard example. An installation not in accordance with the illustrated procedure and the omission of the correct maintenance might compromise nearby things and people's security. Make sure that all accessories suit the specific work and make sure to use the necessary safety devices provided by current regulations.

For more information: info@fac srl.com