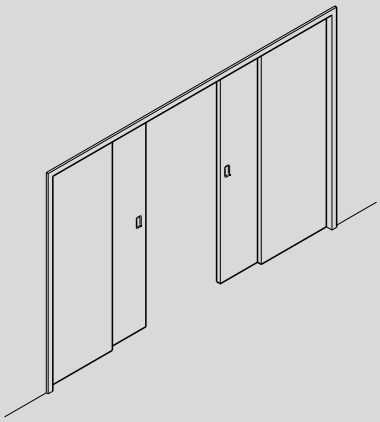
Hawa
Sliding Solutions

Hawa Telescopic 40 4



Planungs- und Montageanleitung
Beschlag für das gleichzeitige Schieben von 4 Türen bis je 40 kg

Instructions de conception et de montage
Ferrure pour coulisser simultanément 4 portes jusqu'à 40 kg

Planning and installation instructions
Hardware system for simultaneous sliding of 4 doors weighing up to 40 kg (88 lbs.)

23169 c

Patente / Brevets / Patents

www.hawa.com

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2 Produktinformation

Bestimmungsgemässe Verwendung

Beschlag für das gleichzeitige Schieben von 4 Türen bis je 40 kg.

Bestimmungsgemässer Verwendungsort

Trockene Innenbereiche und Innenbereiche in dem Kondensation auftreten kann: Z. B. in der Küche oder Badezimmer, jedoch ohne nennenswerte Chloridbelastung.

Technische Daten

Maximales Türgewicht	40 kg
Türbreite	500 mm – 800 mm
MaximaleTürhöhe	3200 mm
Türdicke	40–47 mm

- Garnituren sind links und rechts verwendbar.

Artikelnummer

Artikel werden mit einer 5-stelligen Nummer bezeichnet.

Allgemeine Hinweise

Das Dokument «Information» (22991) ist integraler Bestandteil dieser Planungs- und Montageanleitung.
Bei angetriebenen Produkten ist die Betriebsanleitung, Planungs- und Montageanleitung, sowie das Dokument «Information» (22991) dem Endnutzer zu übergeben.
Es gelten metrische Abmessungen – Zollangaben sind nur zur Information.
Anleitungen aufbewahren, Ersatz unter www.hawa.com.

Risiko und Restrisiko

Vom Beschlag geht kein Risiko oder Restrisiko aus.

Entsorgung

Die Werkstoffe, Zubehör und Verpackung sollen einer umweltgerechten Wiederverwertung zugeführt werden.

1 Sommaire

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2 Informations sur le produit

Utilisation conforme aux dispositions

Ferrure pour coulisser simultanément 4 portes jusqu'à 40 kg.

Lieu d'utilisation conforme aux dispositions

Espaces intérieurs secs et espaces intérieurs pouvant être exposés à la condensation : par exemple, dans une cuisine ou une salle de bain, mais sans présence notable de chlorures.

Données techniques

Poids de porte maximal	80 kg
Largeur de porte	500 mm – 800 mm
Hauteur de porte maximale	3200 mm
Épaisseur de porte	40–47 mm

- Les garnitures peuvent être utilisées à gauche ou à droite.

Numéros d'articles

Les articles sont désignés par un numéro à 5 chiffres.

Indications d'ordre général

Le document « Information » (22991) fait partie intégrante de ces instructions de planification et de montage.
En cas de produits livrés avec entraînement, le mode d'emploi et le document « Information » (22991) doivent être remis à l'utilisateur final.
Les dimensions applicables sont métriques - les dimensions en pouces ne sont fournies qu'à titre informatif.
Conserver ces instructions ; en cas de perte, il est possible d'en obtenir un nouvel exemplaire sur le site Internet

Risques et risques résiduels

Cette ferrure n'occasionne aucun risque, ni aucun risque résiduel.

Elimination

Les matériaux, les accessoires et les emballages doivent être soumis à un recyclage conforme aux impératifs écologiques.

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2 Product information

Intended use
Hardware system for simultaneous sliding of 4 doors weighing up to 40 kg (88 lbs.).

Intended place of use
Dry interior areas and interior areas where condensation can occur: for instance in kitchens or bathrooms, but without any significant occurrence of chloride.

Technical data

Maximum door weight	80 kg (176 lbs.)
Door width	500 mm – 800 mm (1'7$\frac{11}{16}$" – 2'7$\frac{1}{2}$")
Maximum door height	3200 mm (10'6)
Door thickness	40–47 mm (1$\frac{19}{32}$"-1$\frac{27}{32}$")

- The same set can be used for left and right hand side applications.

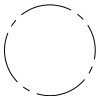
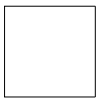
Article number
Articles are identified by a 5-digit number.

General notes
The document «Information» (22991) is an integral part of these planning and assembly instructions.
The operating instructions, the planning and assembly instructions and the document «Information» (22991) must be handed over to the end user of powered systems.
Metric measurements apply - those in inches are for information only.
Retain the instructions. Replacements available from www.hawa.com.

Risk and residual risk
The hardware does not pose a risk or residual risk.

Disposal
Materials, accessories and packaging should be recycled in an environmentally friendly manner.

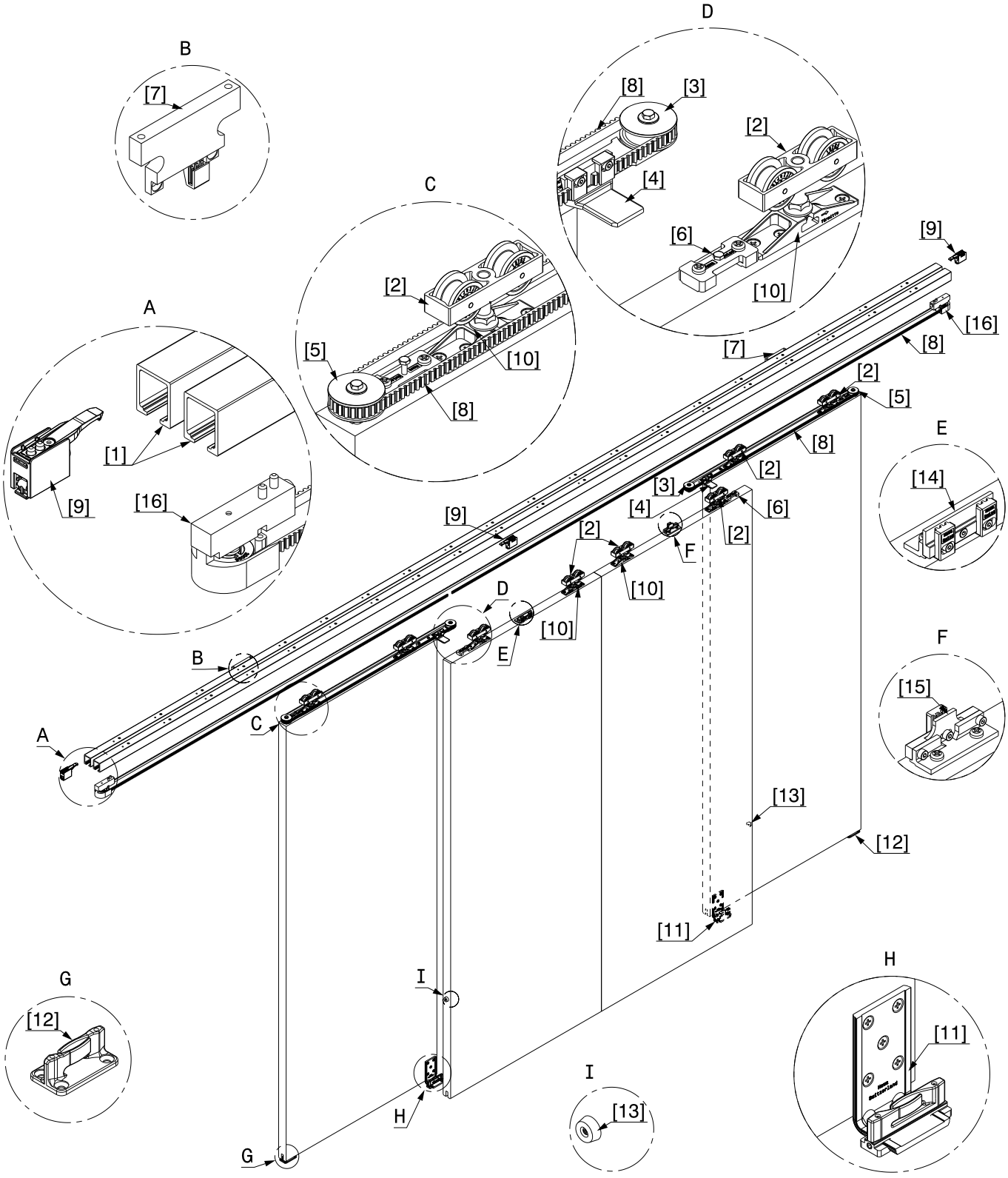
3 Abkürzungen, Symbole / Abréviations, symboles / Abbreviations, symbols

LMB	**DE** Lichtmassbreite / **FR** Largeur intérieure / **EN** Inside width
LS	**DE** Laufschiene / **FR** Rail de roulement / **EN** Top track
N	**DE** Abstand Laufschienen / **FR** Distance entre les rails de roulement /**EN** Top track spacing
M	**DE** Schiebetürgriff / **FR** Poignée de porte coulissante / **EN** Sliding door handle
P	**DE** Türüberschneidung / **FR** Chevauchement de portes / **EN** Door overlap
S	**DE** Türdicke / **FR** Epaisseur de porte / **EN** Door thickness
ST1, ST3	**DE** Schiebetüre / **FR** Porte coulissante / **EN** Sliding door
STB	**DE** Schiebetürbreite / **FR** Largeur de porte coulissante / **EN** Sliding door width
	**DE** Vorderansicht / **FR** Vue de face / **EN** Front view
	**DE** Draufsicht / **FR** Vue de dessus / **EN** Top view
	**DE** Seitenansicht / **FR** Vue de côté / **EN** Side view
	**DE** Detail / **FR** Détails / **EN** Details
	**DE** Option, Variante / **FR** Option, variante / **EN** Option, variant
	**DE** farblos eloxiert / **FR** anodisé couleur argent / **EN** plain anodized
	**DE** Werkzeugnummer, Werkzeugart / **FR** Numéro d'outil, type d'outil **EN** Tool number, tool type
	**DE** Praxisbezogene Informationen und Tipps / **FR** Informations et astuces pratiques **EN** Practical information and tips

4 Übersichten / Aperçus généraux / Overviews

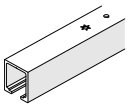
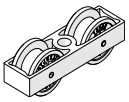
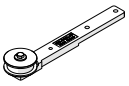
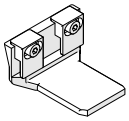
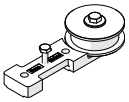
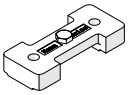
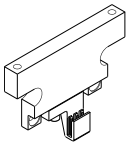
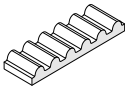
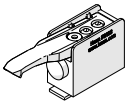
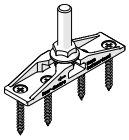
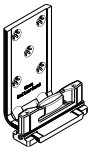
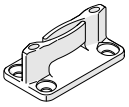
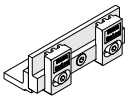
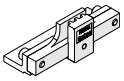
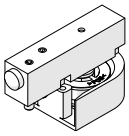
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FR	**Aperçu général : Hawa Telescopic 40 4**
EN	**Overview: Hawa Telescopic 40 4**



4.2

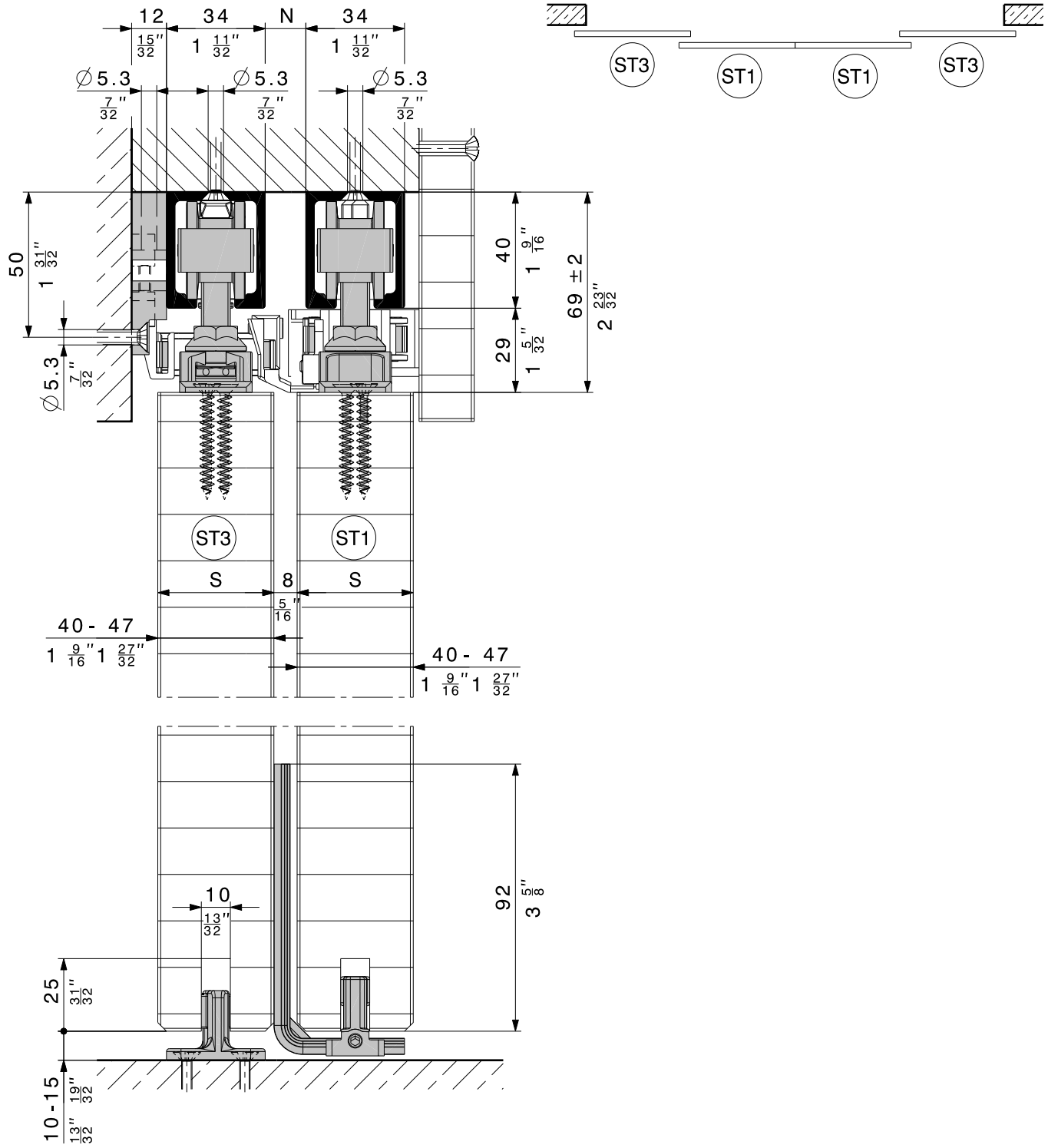
DE Übersicht Positionsnummern
FR Aperçu général des numéros de position
EN Overview of position numbers

[1]  10186 ☐ 10188 ☐ 10189 ☐ 10190 ☐ 10191 ☐ 10192 ☐ 10193 ☐ 10194 ☐ 18532 ☐ 18533 ☐	**[2]**  10407	**[3]**  20139
[4]  20141	**[5]**  20140	**[6]**  20246
[7]  20732	**[8]**  20208	**[9]**  24497
[10]  10489	**[11]**  16158	**[12]**  14427
[13]  10629	**[14]**  20352	**[15]**  20353
[16]  20653	 10795	

5.1

DE	**Planung: Hawa Telescopic 40 4**
FR	**Planification : Hawa Telescopic 40 4**
EN	**Planning: Hawa Telescopic 40 4**

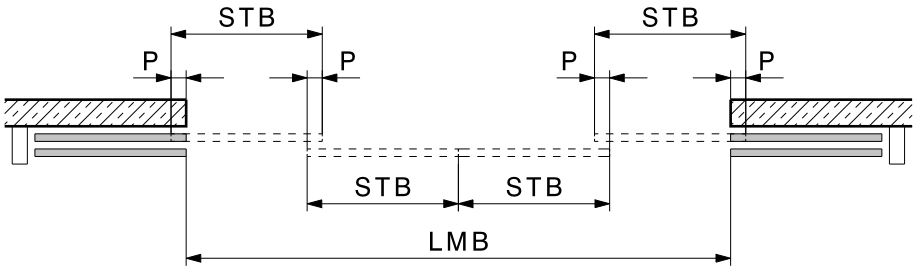
N = S – 26



6 Berechnung / Calcul / Calculation

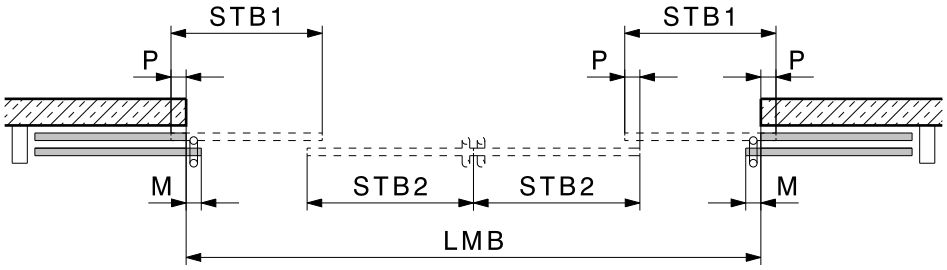
6.1

DE Berechnung: Türbreite und Laufschiene
FR Calcul : Largeur de porte et du rail de roulement
EN Calculation: Door width and top track



$$STB = \frac{(4 \times P) + LMB}{4}$$

$$P \geq 75$$



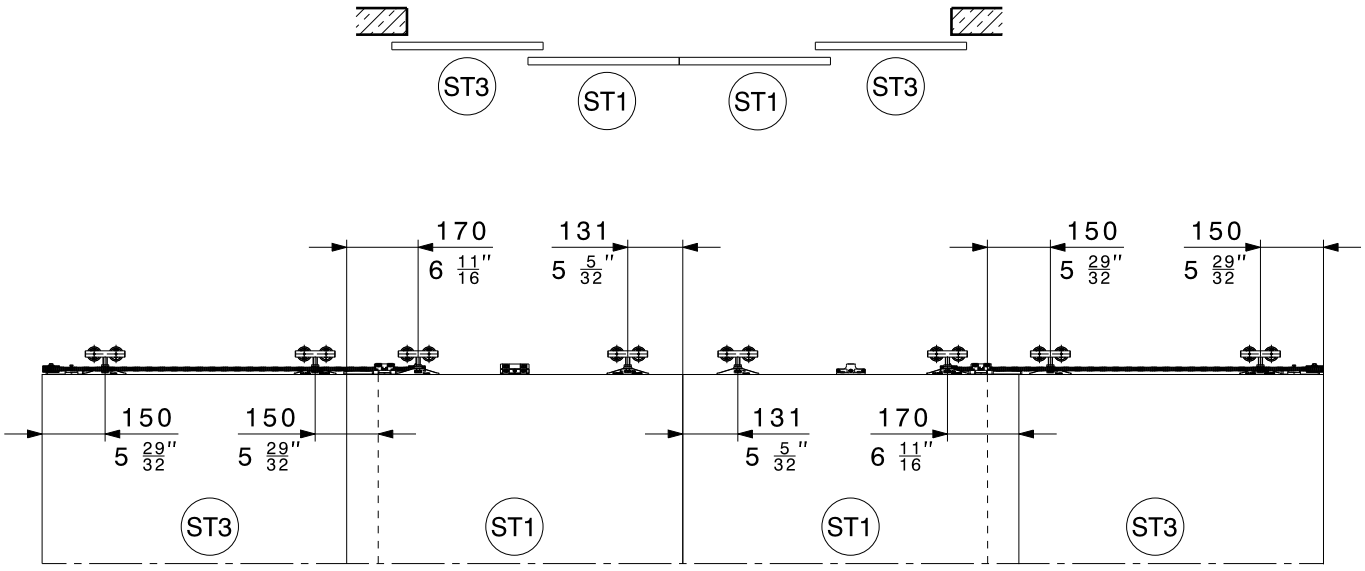
$$STB1 = \frac{(4 \times P) + LMB - (2 \times M)}{4}$$

$$STB2 = STB1 + M$$

$$P \geq 75$$

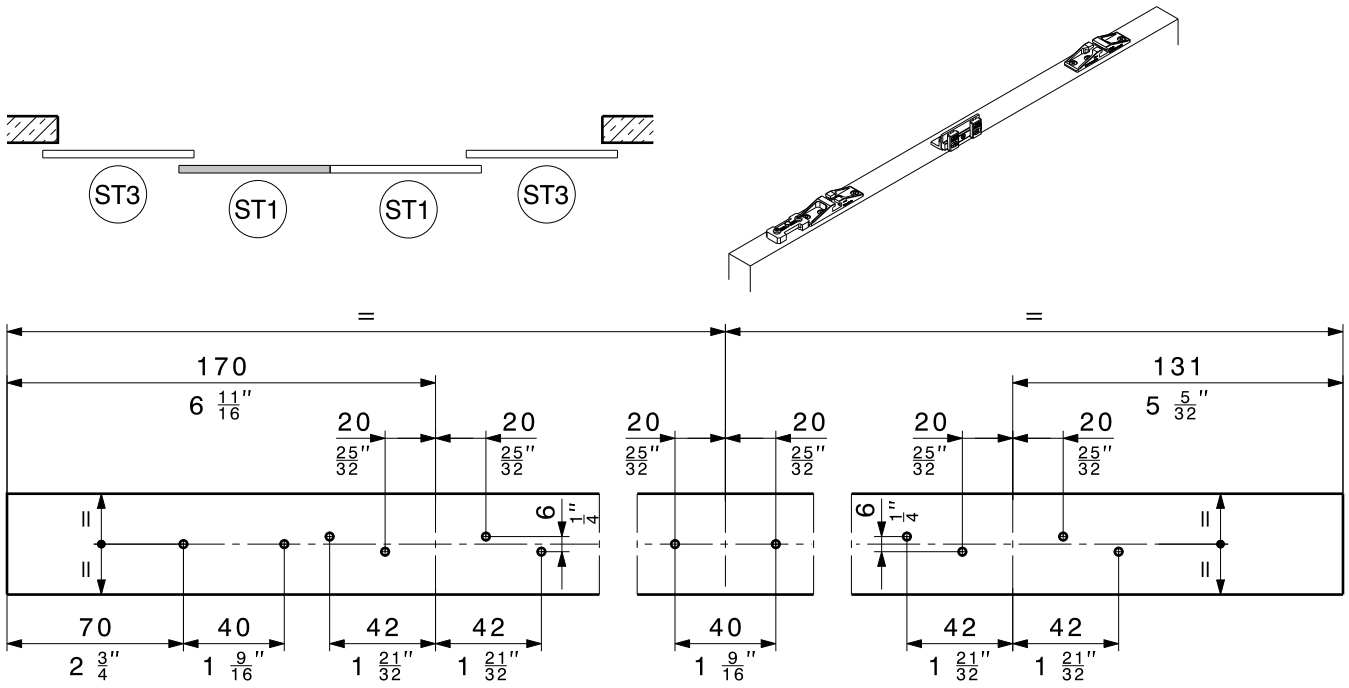
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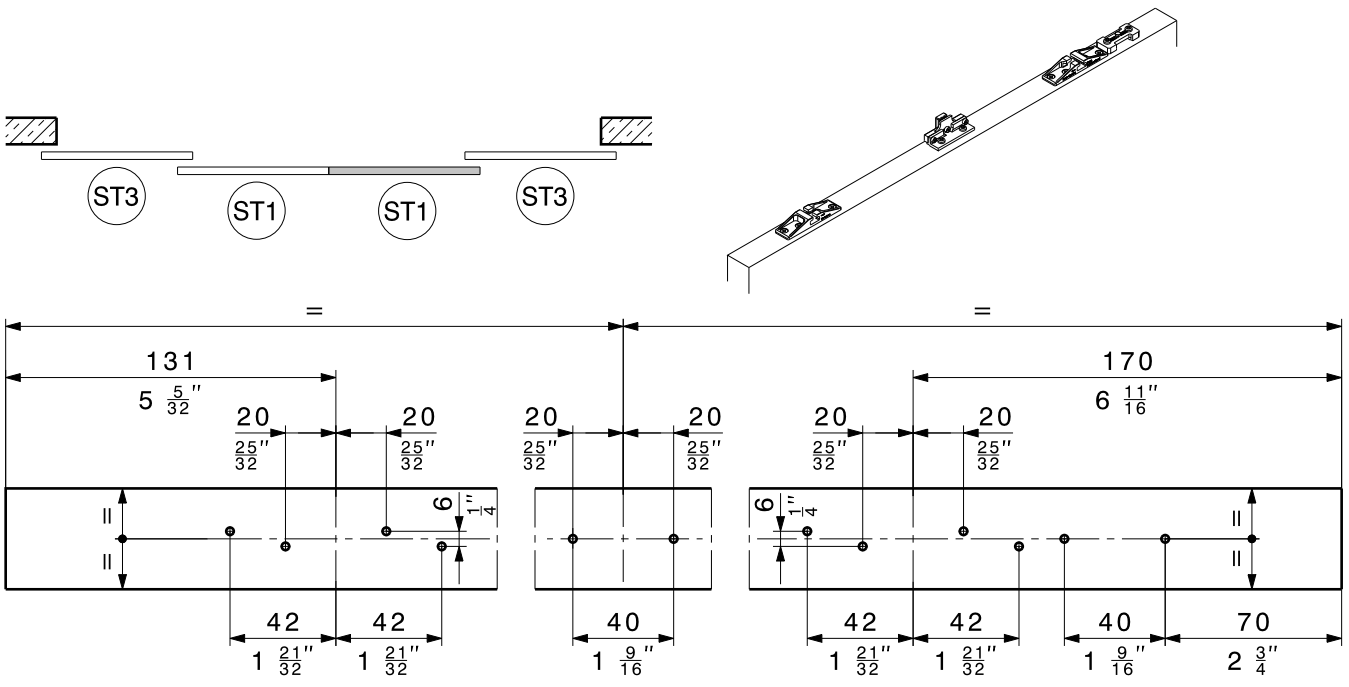
DE Berechnung: Aufhängepunkte
FR Calcul : Points de suspension
EN Calculation: Suspension point

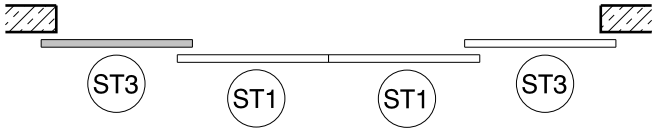


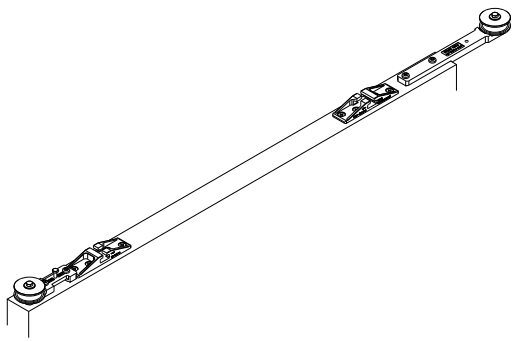
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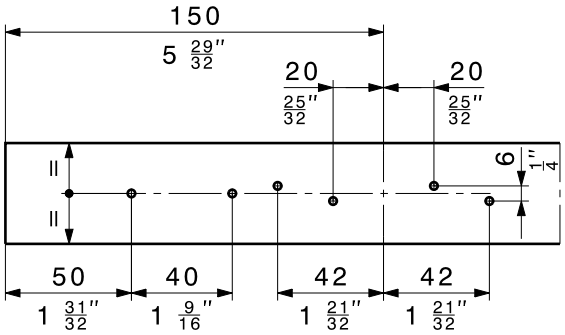
DE Berechnung: Bohrungen für Schiebetüren
FR Calcul : Perçages pour les portes coulissantes
EN Calculation: Drill holes for sliding doors

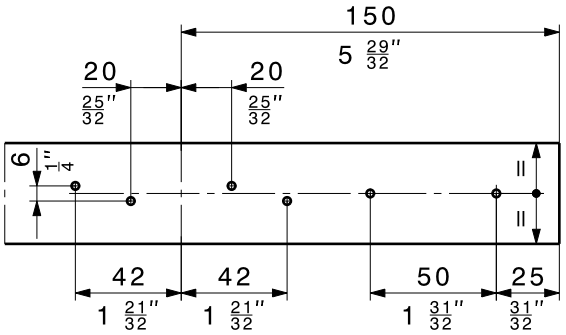


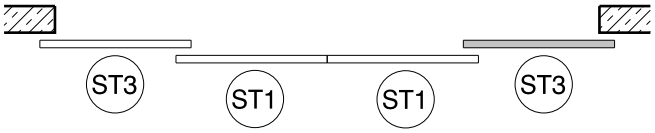


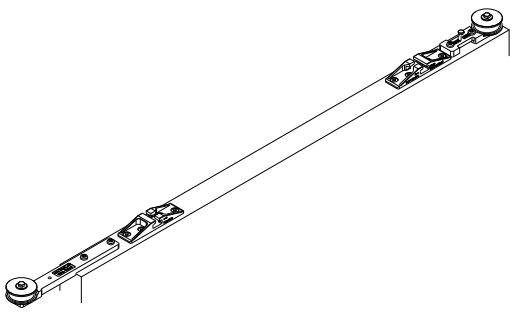

ST3
ST1
ST1
ST3

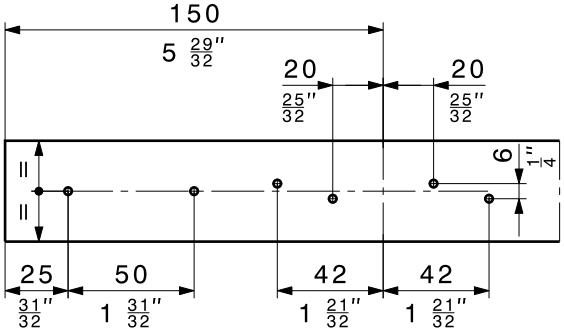


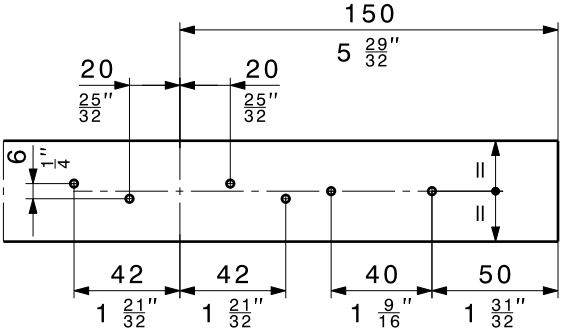

150
5 29/32"
20
25/32"
20
25/32"
6
1/4"
50
1 31/32"
40
1 9/16"
42
1 21/32"
42
1 21/32"


150
5 29/32"
20
25/32"
20
25/32"
6
1/4"
42
1 21/32"
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1 21/32"
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1 31/32"
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31/32"


ST3
ST1
ST1
ST3

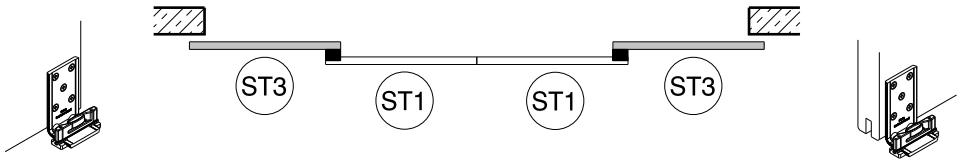


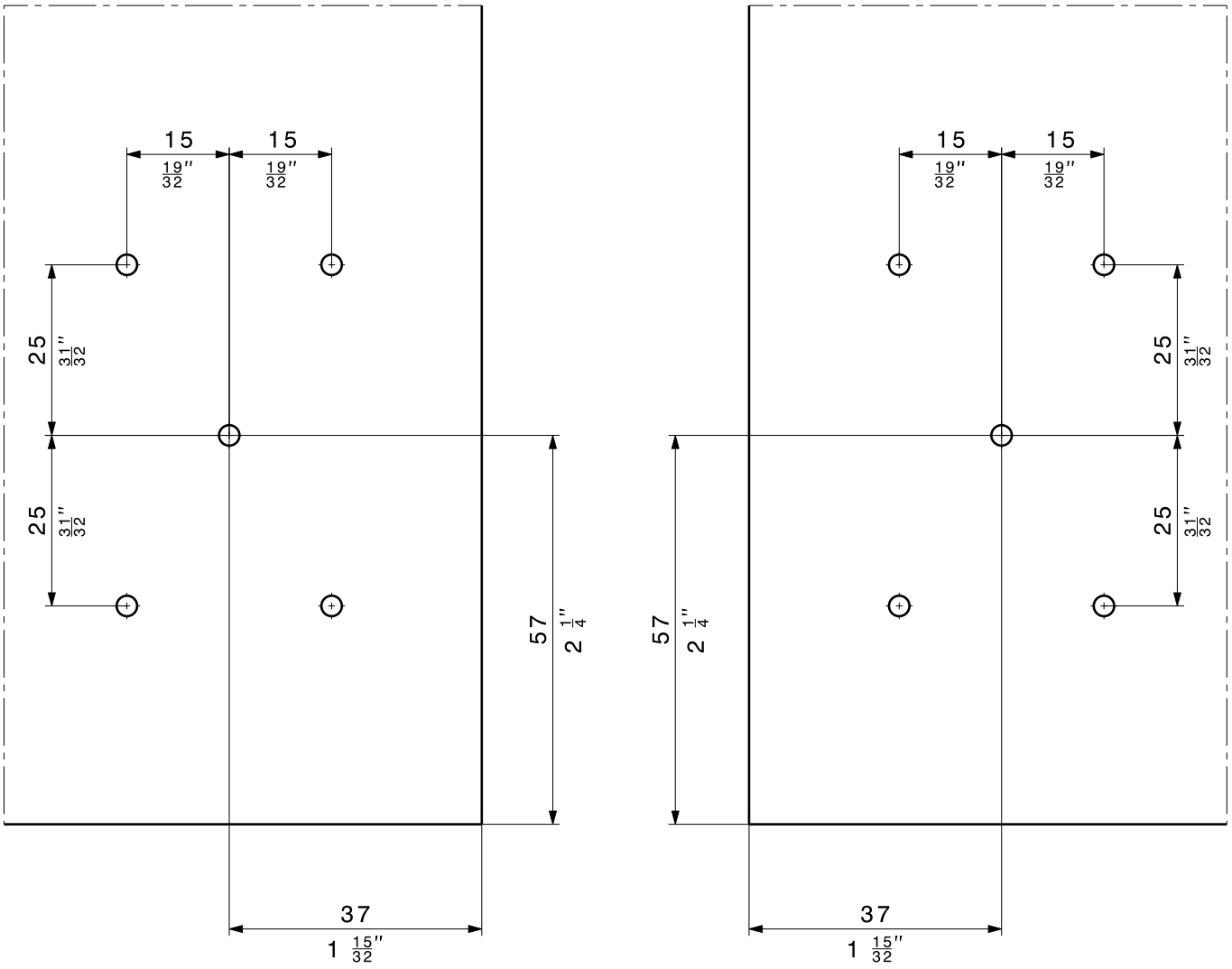

150
5 29/32"
20
25/32"
20
25/32"
6
1/4"
25
31/32"
50
1 31/32"
42
1 21/32"
42
1 21/32"


150
5 29/32"
20
25/32"
20
25/32"
6
1/4"
42
1 21/32"
42
1 21/32"
40
1 9/16"
50
1 31/32"

6.4

DE Berechnung: Bohrungen für Hawa Confort 120 an Schiebetüre ST3
FR Calcul : Perçages pour Hawa Confort 120 situé sur la porte coulissante ST3
EN Calculation: Drill holes for Hawa Confort 120 on sliding door ST3

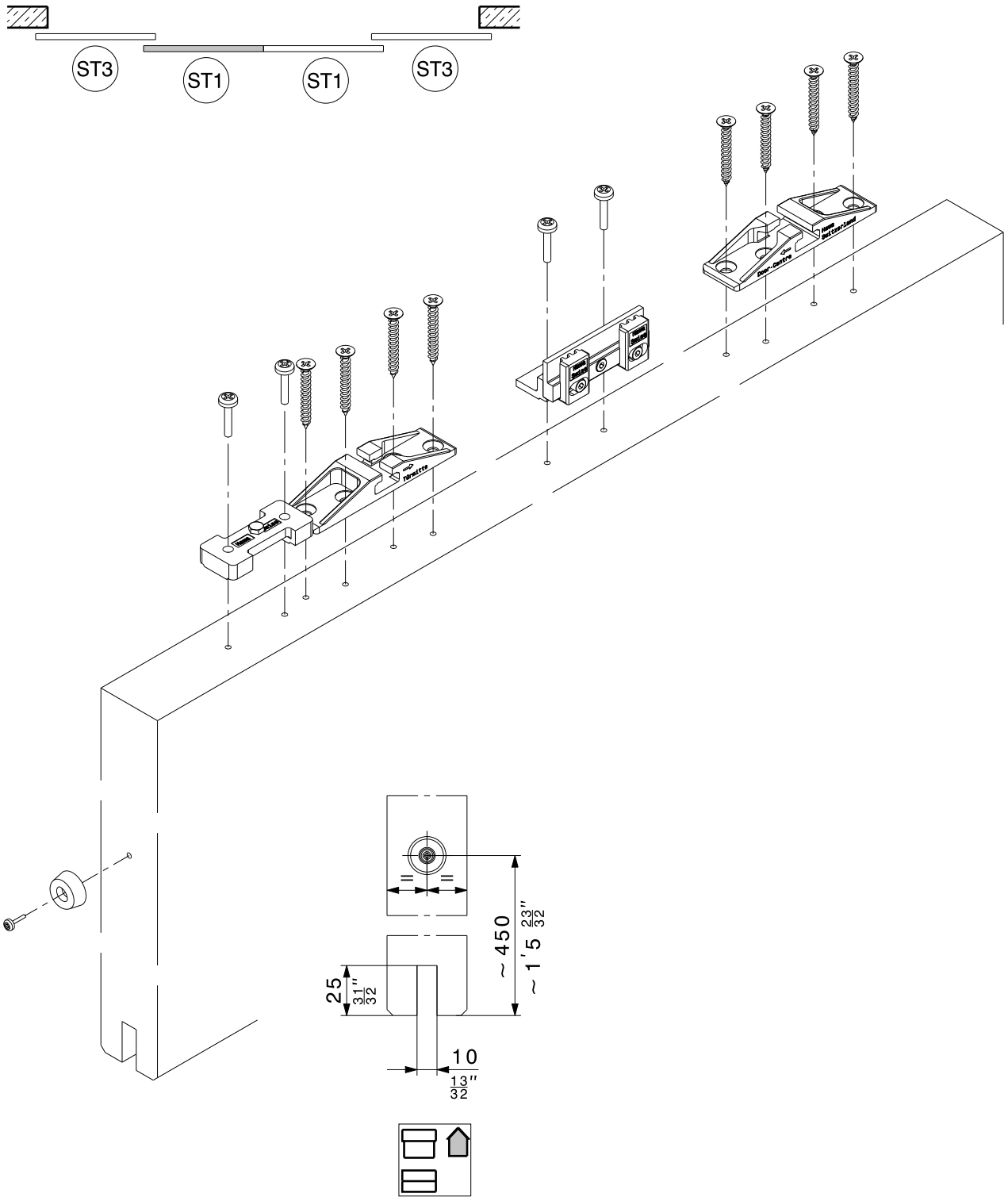


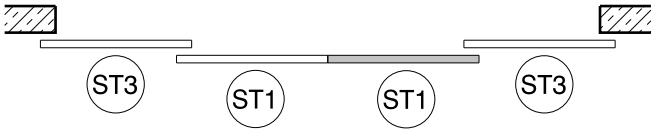


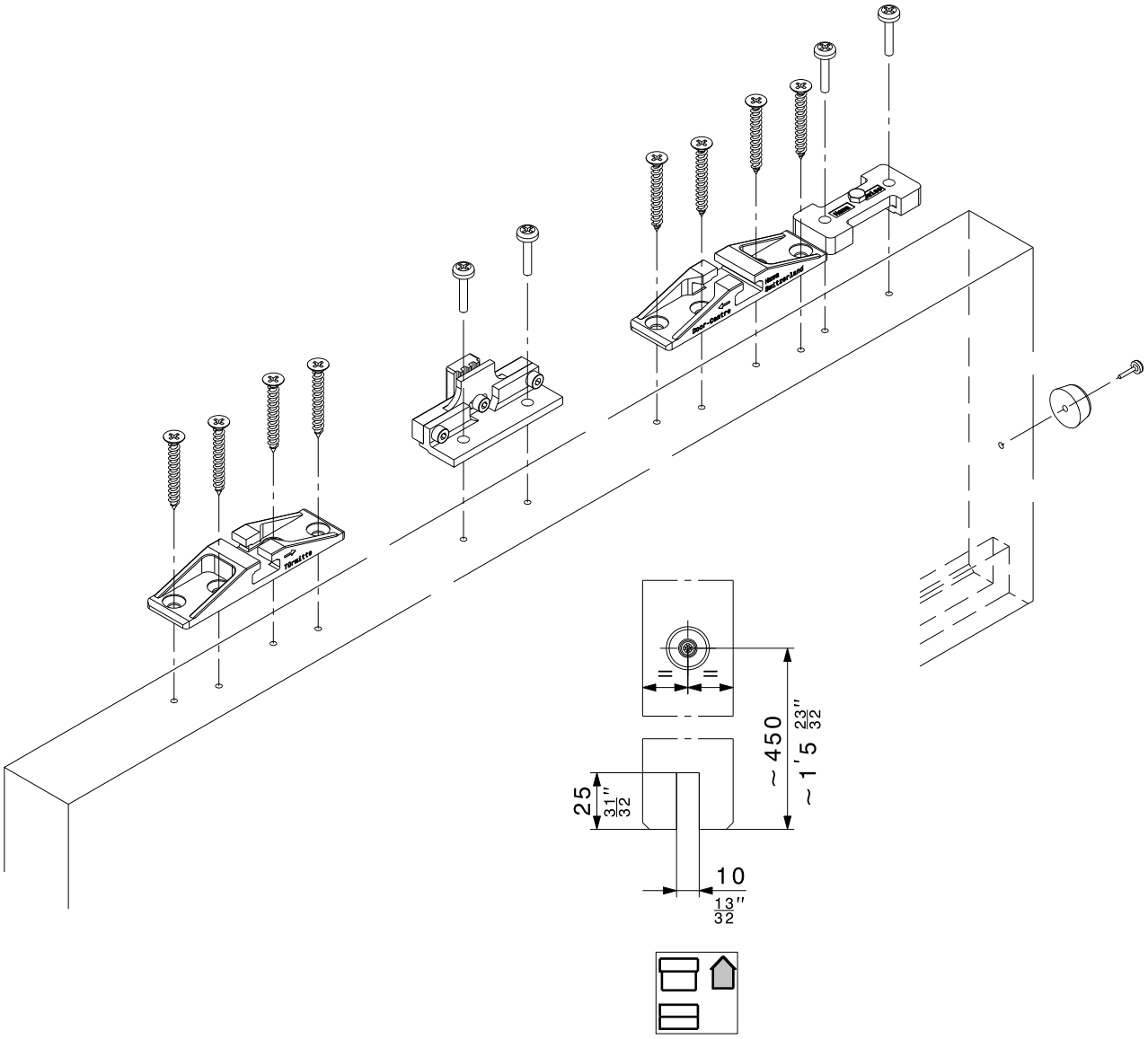
7 Vormontage / Prémontage / Pre-assembly

7.1

DE Vormontage: Schiebetüre ST1
FR Prémontage : Porte coulissante ST1
EN Pre-assembly: Sliding door ST1

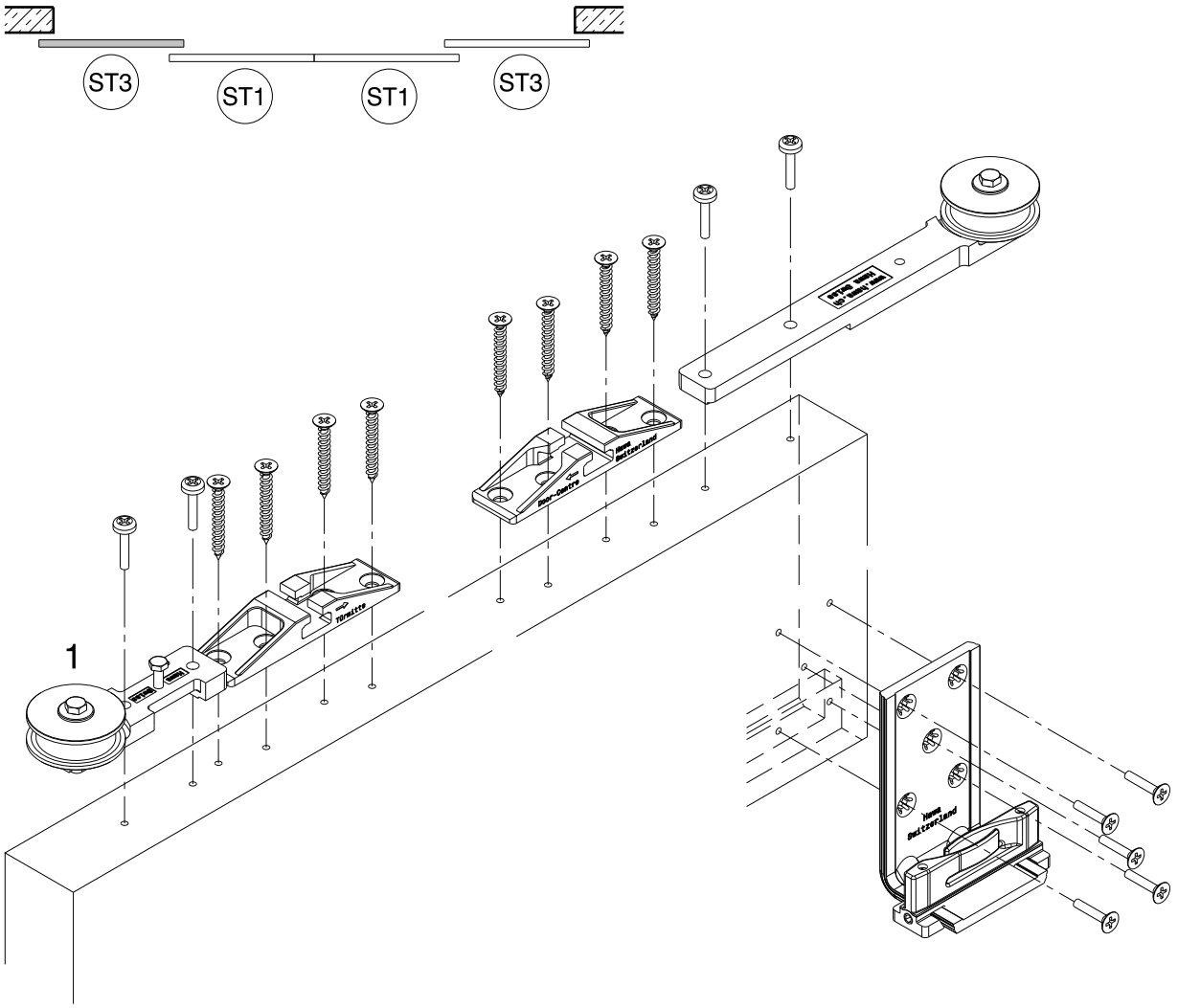


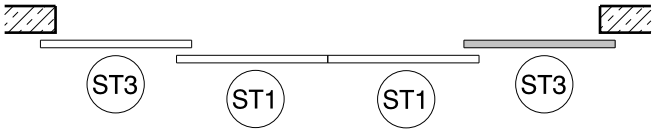

ST3
ST1
ST1
ST3

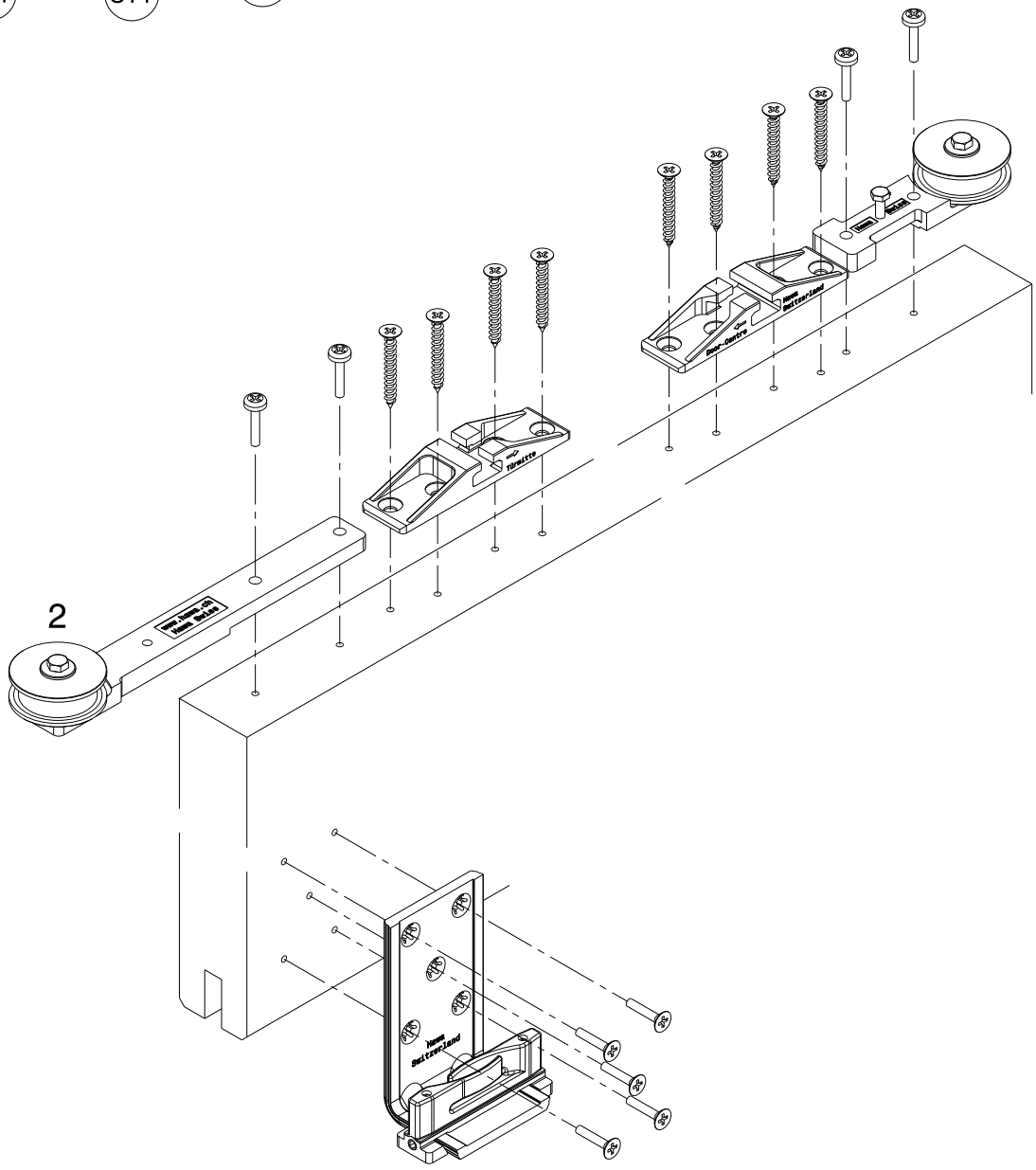

~ 450
~ 1'5 23/32
25
31/32
10
13/32

7.2

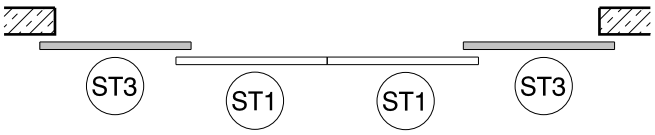
DE	**Vormontage: Schiebetüre ST3**
FR	**Prémontage : Porte coulissante ST3**
EN	**Pre-assembly: Sliding door ST3**

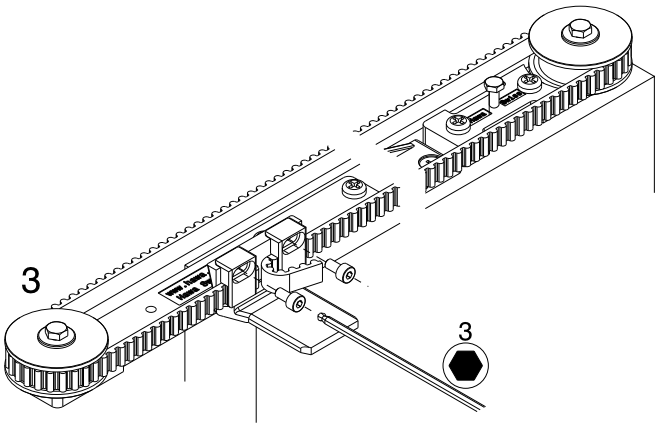


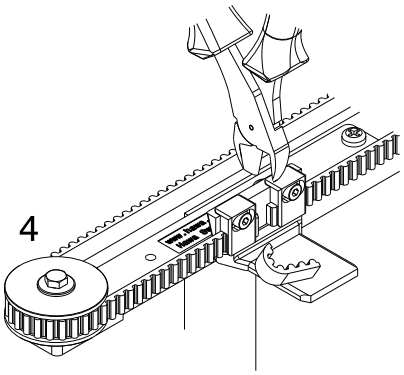

ST3
ST1
ST1
ST3


2

DE Zahnriemenlänge = **FR** Longueur de la courroie dentée = **EN** Length of toothed belt =	(2 × STB3) + 250





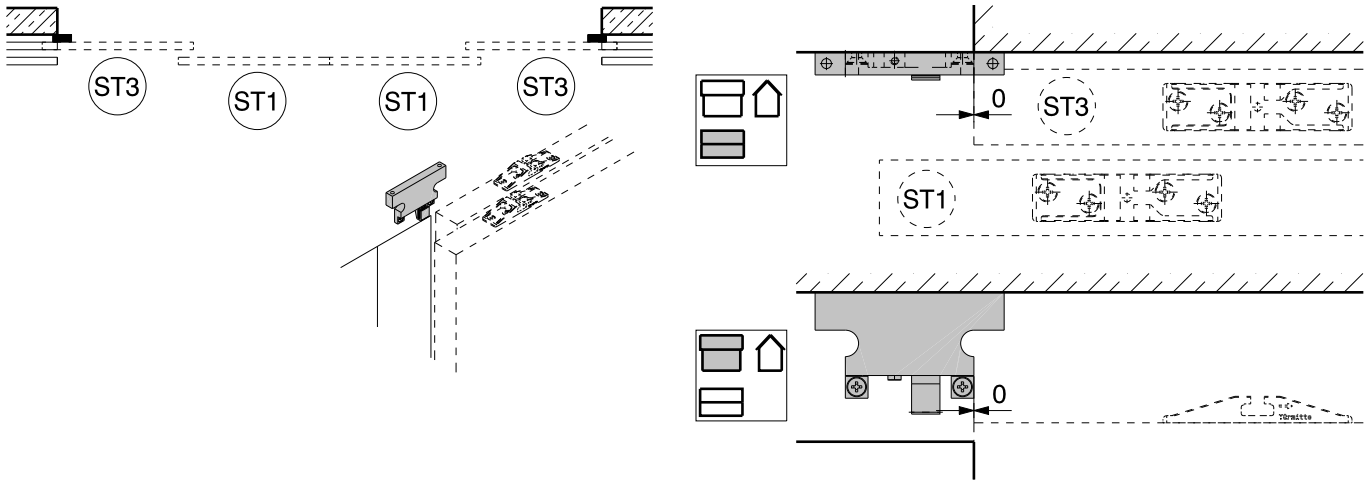


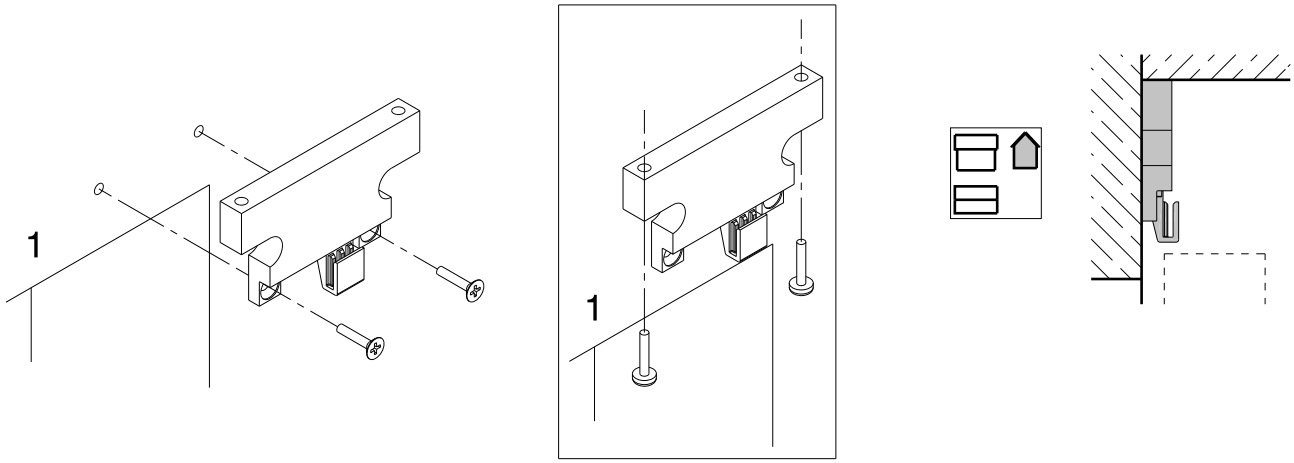
DE Voraussetzung für ein einwandfreies Funktionieren der Anlage ist ein **leicht** gespannter Zahnriemen.
FR Une courroie dentée **légèrement** tendue est un préalable au fonctionnement impeccable de l'installation.
EN The toothed belt must be **slightly** tensioned in order for the system to function properly.

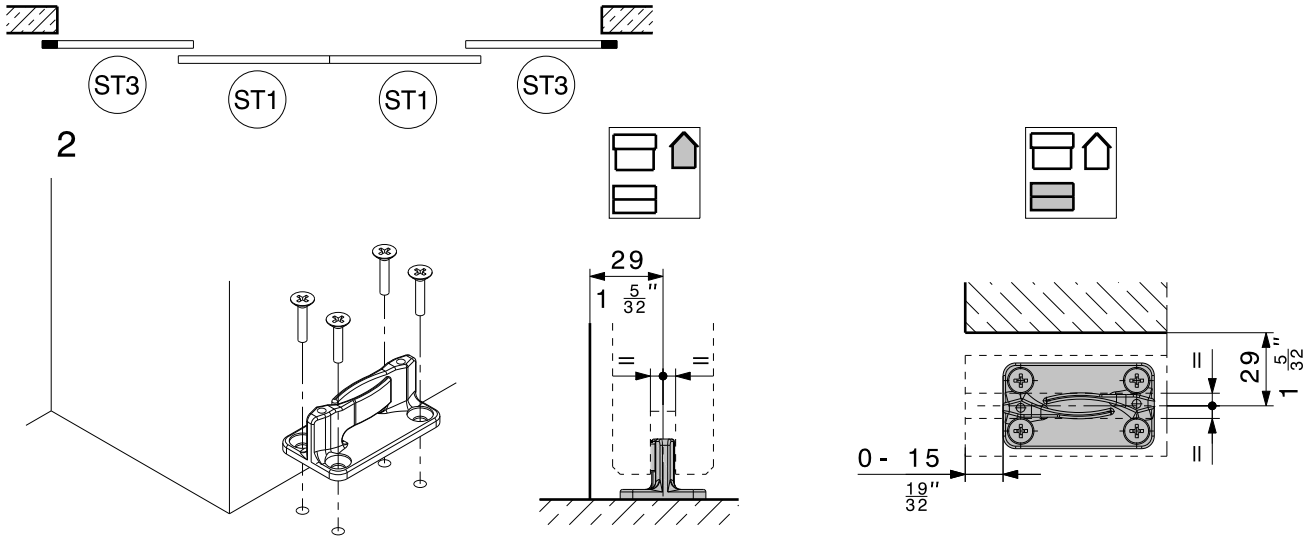
8 Montage / Montage / Assembly

8.1

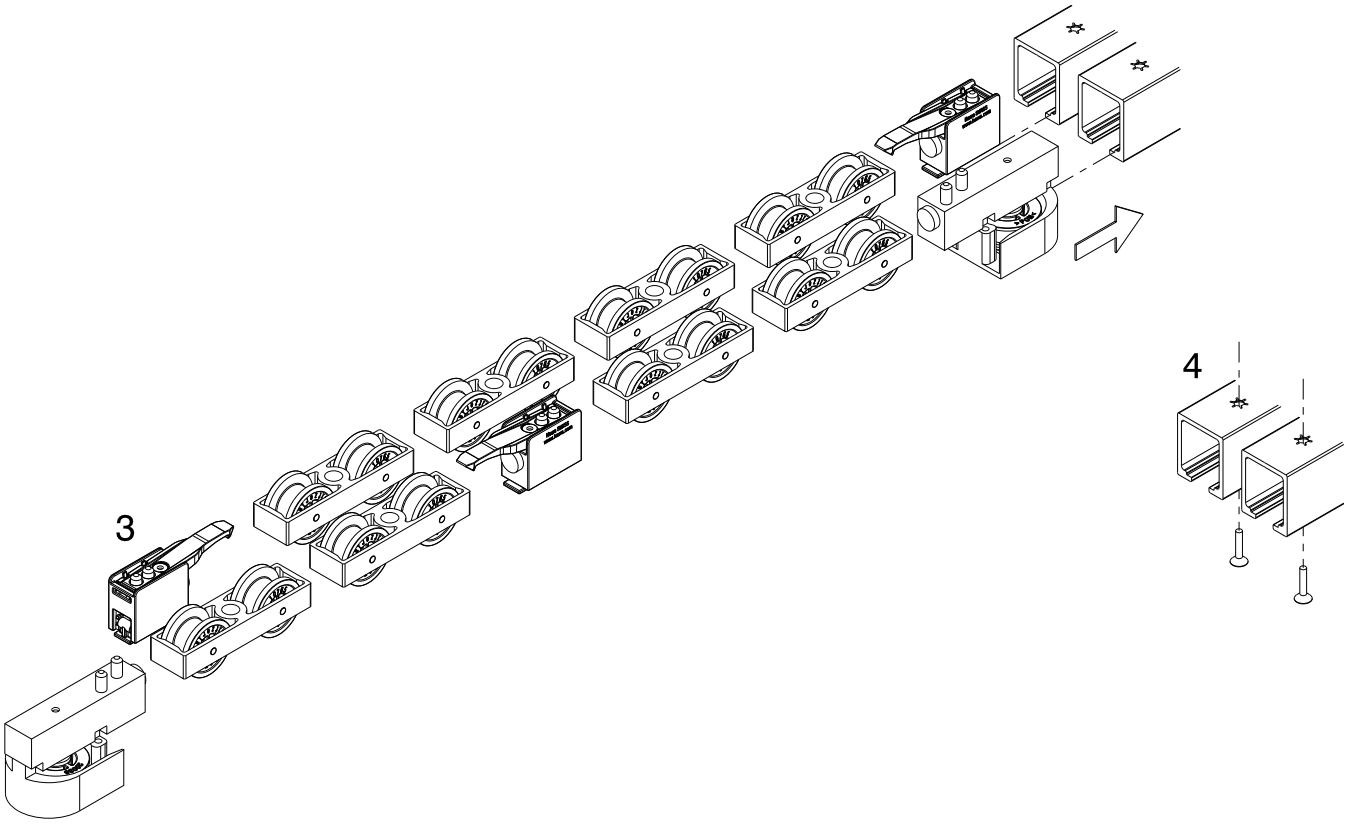
DE Montage: Laufschienen und Bodenführung
FR Montage : Rails de roulement et guide inférieur
EN Assembly: Top track and floor guide





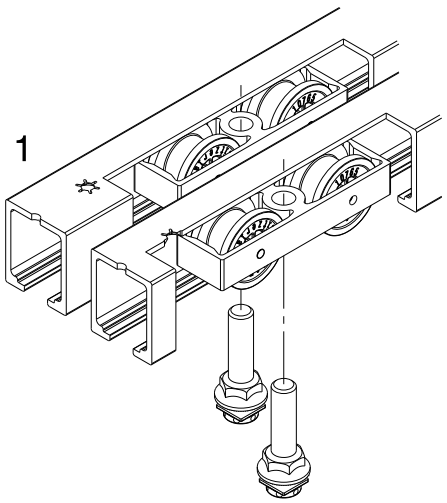


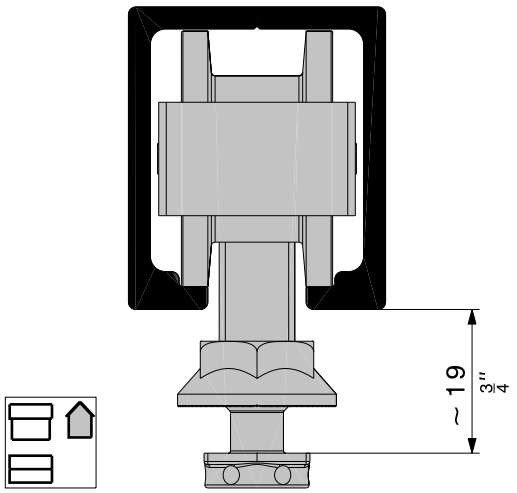
DE Vor dem Bestücken die Laufschienen **reinigen**. / FR **Nettoyer** les rails de roulement avant de les équiper /
EN **Clean** the tacks before fitting components

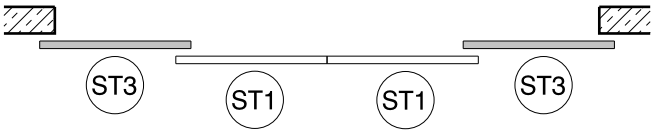


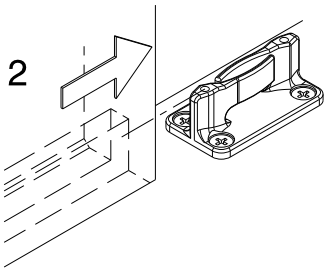
8.2

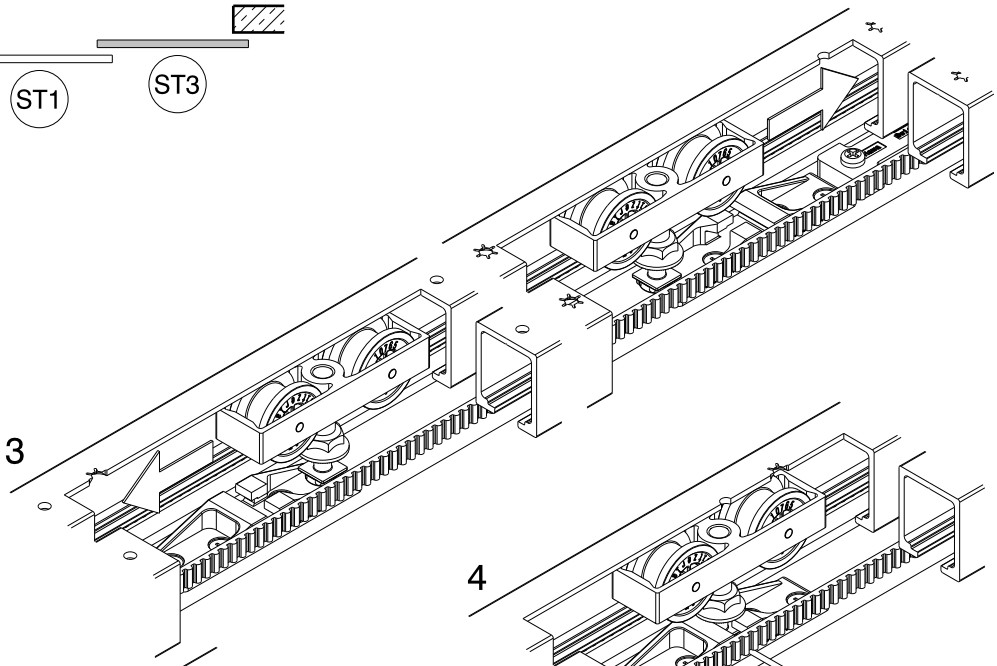
DE	**Montage: Schiebetüren**
FR	**Montage : Portes coulissantes**
EN	**Assembly: Sliding doors**



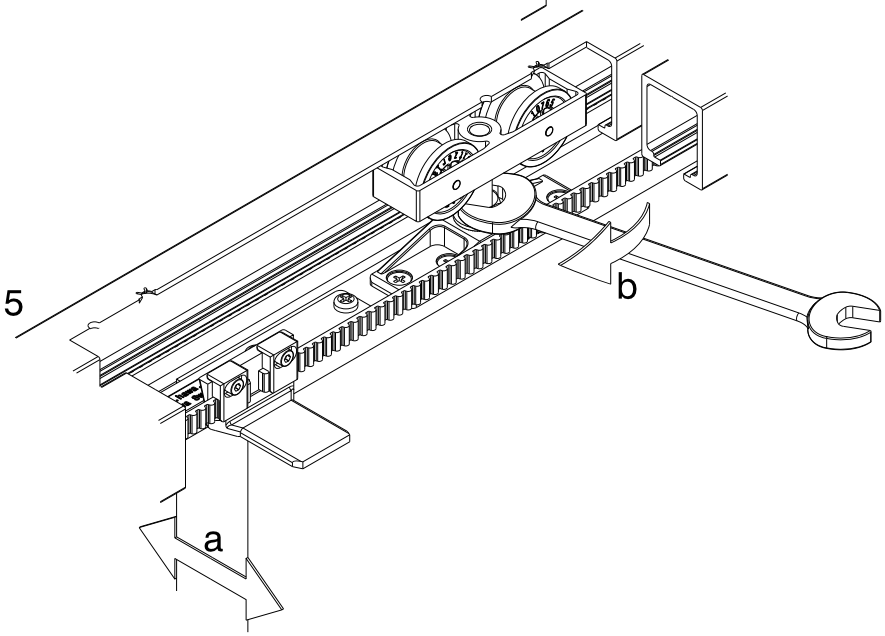


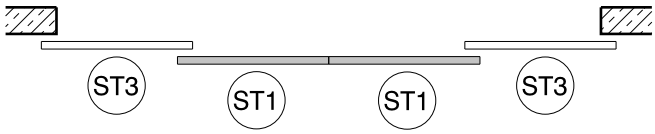

ST3
ST1
ST1
ST3

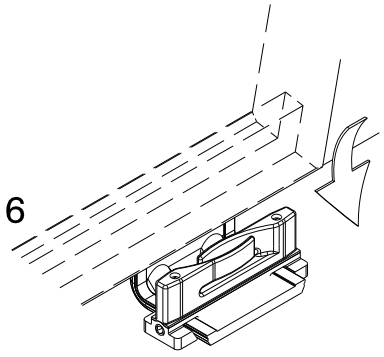

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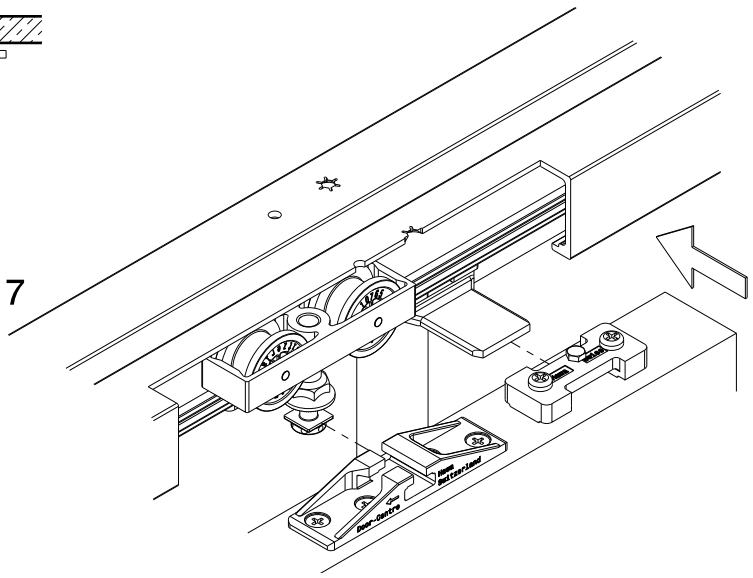

3

4
+
−
+
−

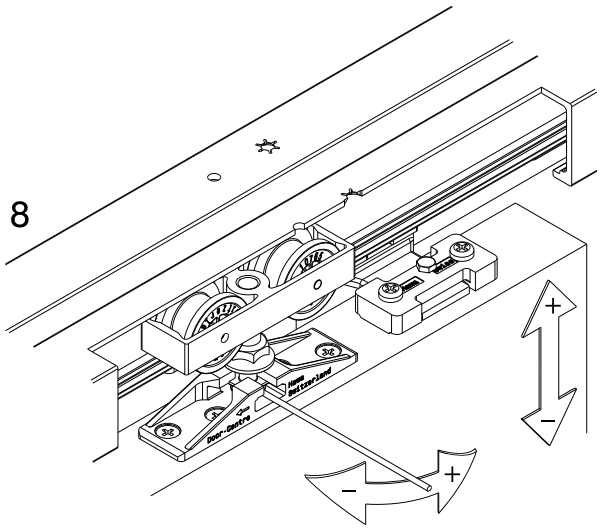

5
b
a


ST3
ST1
ST1
ST3

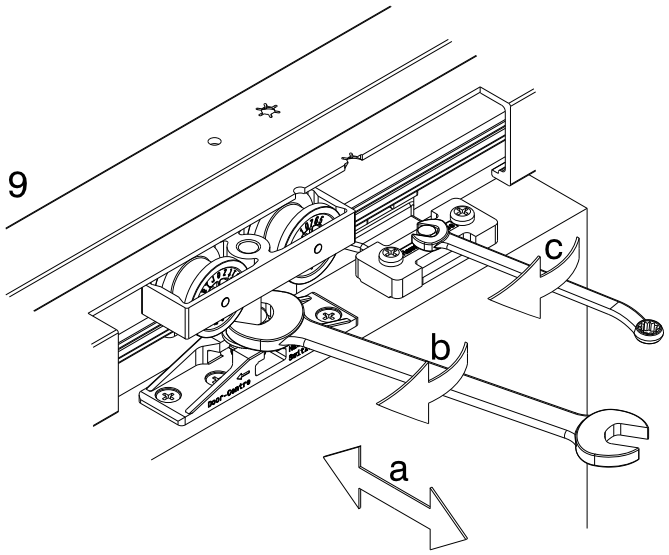

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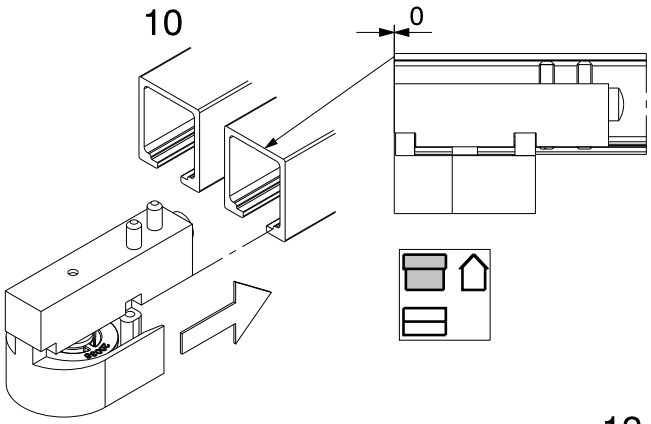
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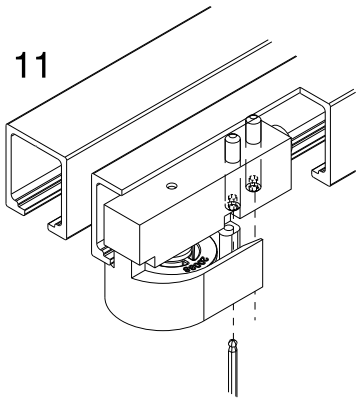
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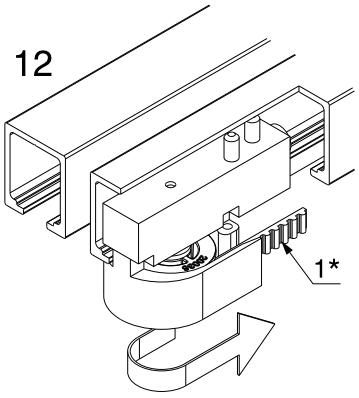
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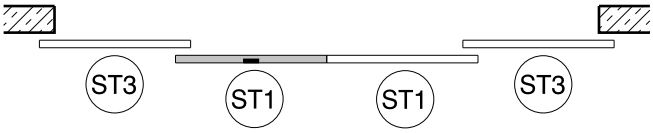
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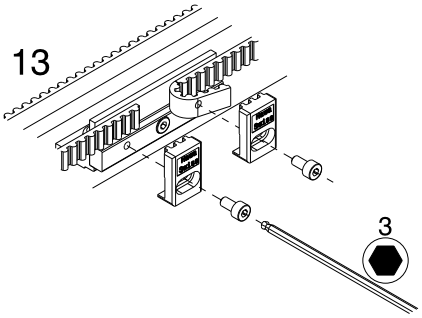
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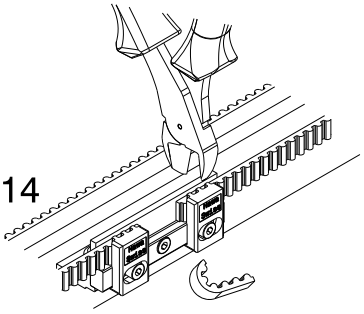
1* **DE** Zahnriemenlänge = 2x Laufschiene
FR Longueur de la courroie dentée = 2x rail de roulement
EN Length of toothed belt = 2x top track



13

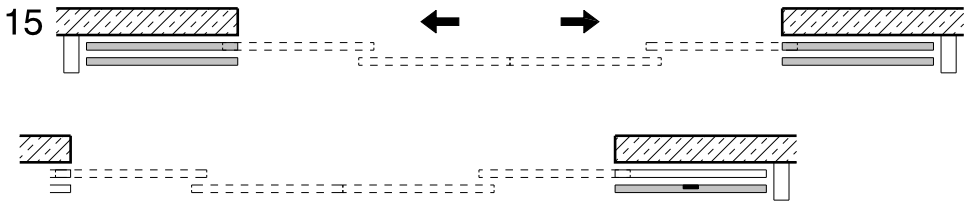


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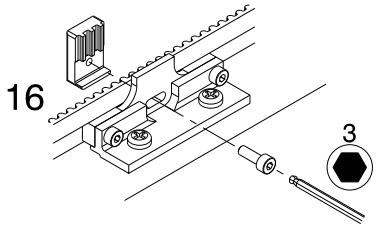


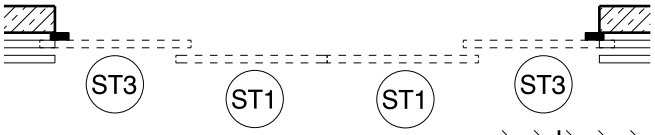
DE Voraussetzung für ein einwandfreies Funktionieren der Anlage ist ein **leicht** gespannter Zahnriemen.
FR Une courroie dentée **légèrement** tendue est un préalable au fonctionnement impeccable de l'installation.
EN The toothed belt must be **slightly** tensioned in order for the system to function properly.

15

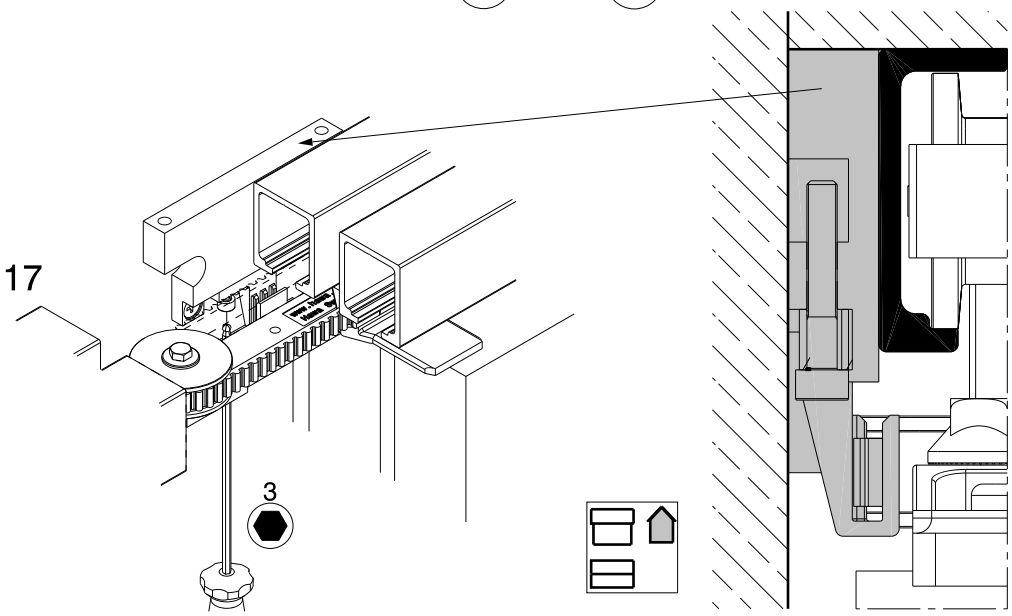


16



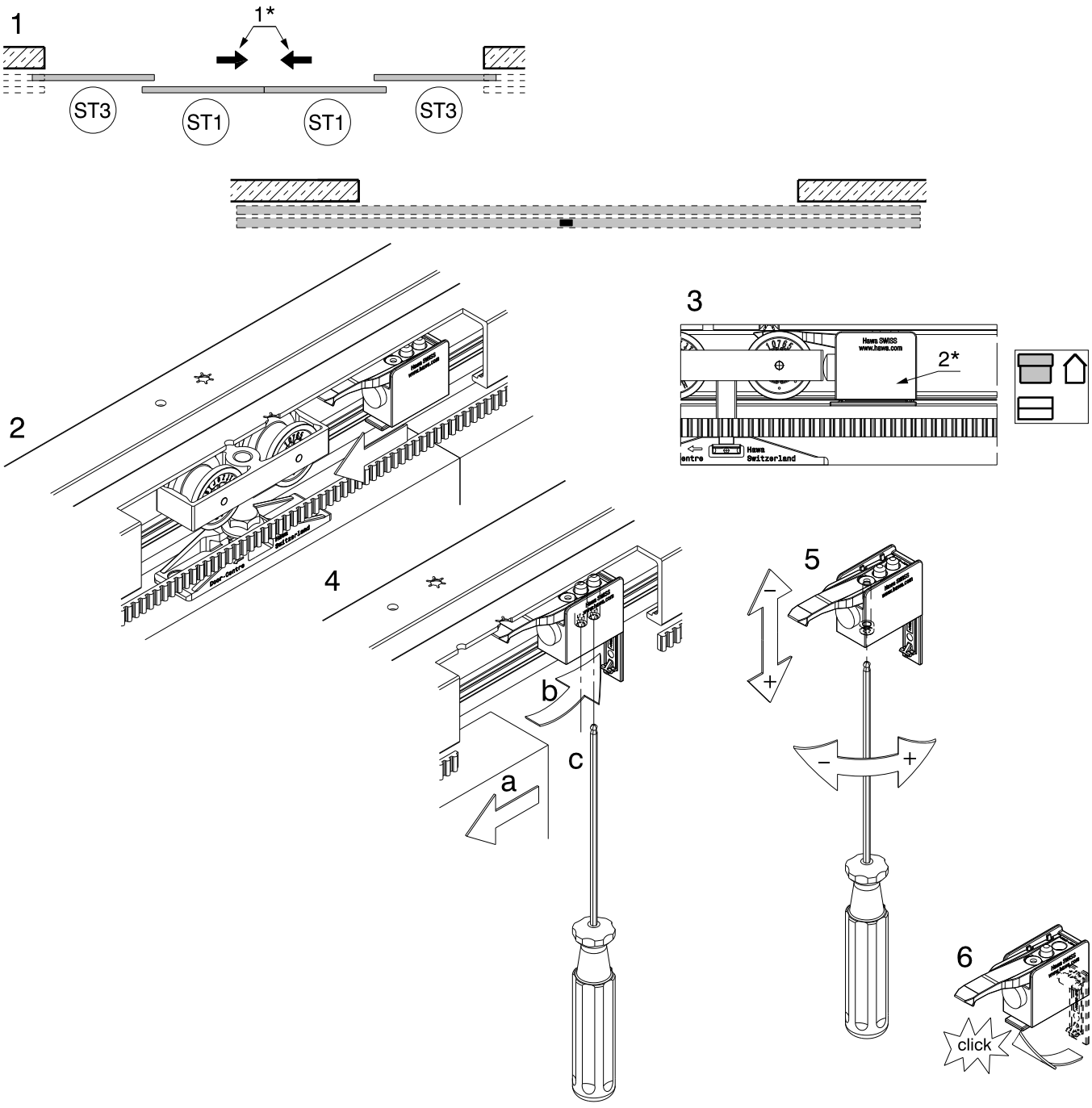


17



8.3

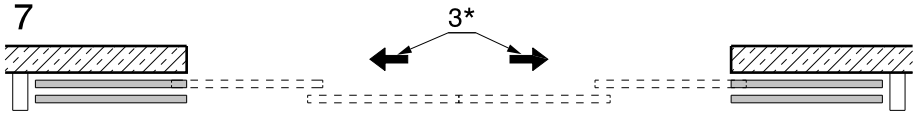
DE Montage: Position und Einstellung des Schienenpuffers
FR Montage : Position et réglage de la butée de rail
EN Assembly: Track stop position and adjustment

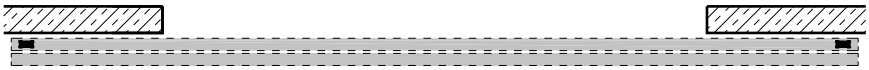


1* **DE** Türen ganz schliessen
FR Fermer totalement les portes
EN Close door fully

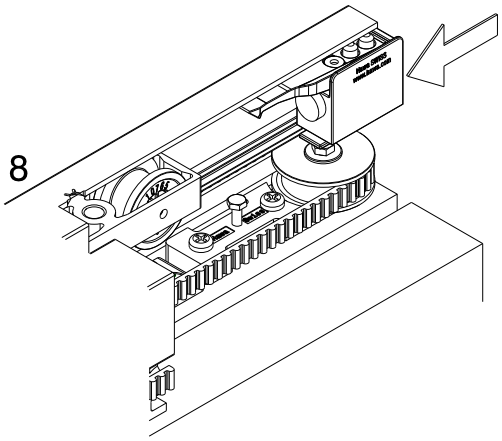
2* **DE** Puffer in dieser Position fixieren
FR Fixer la butée dans cette position
EN Secure the stop in this position

7

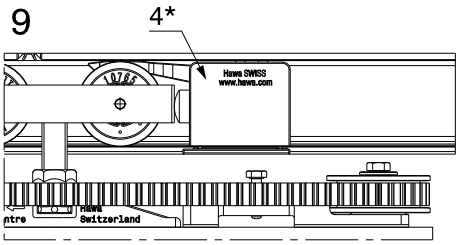


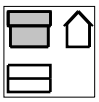


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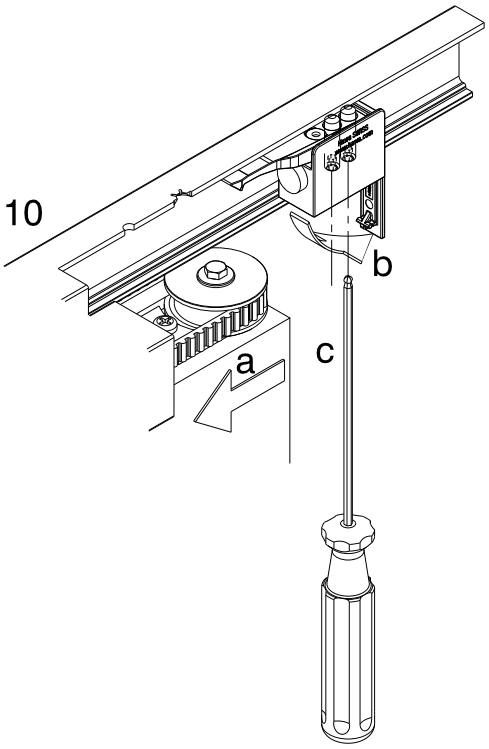


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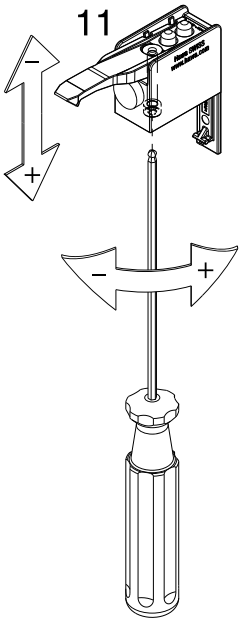




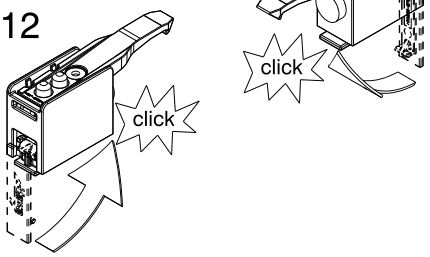
10



11



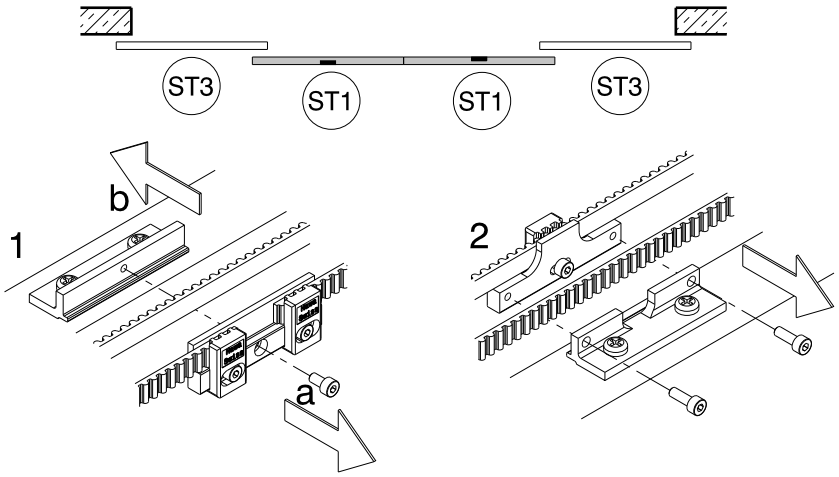
12



3* **DE** Türen ganz öffnen
FR Ouvrir totalement les portes
EN Open the door fully

4* **DE** Puffer in dieser Position fixieren
FR Fixer la butée dans cette position
EN Secure the stop in this position

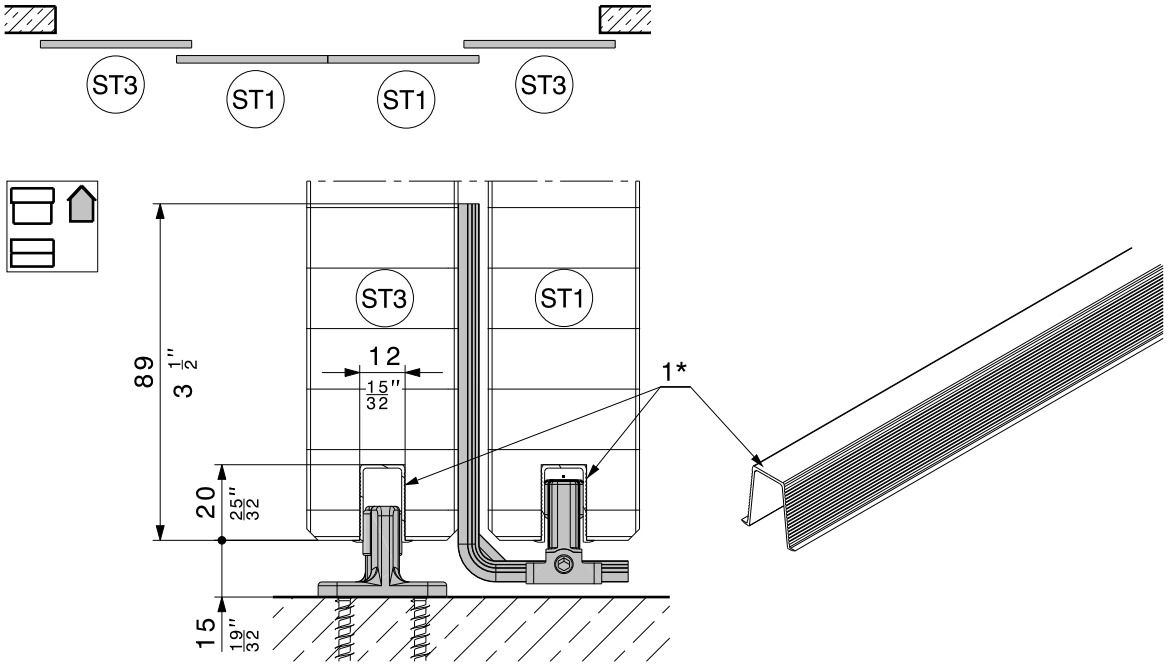
9 Demontage / Démontage / Disassembly



10 Optionales / En option / Optional

10.1

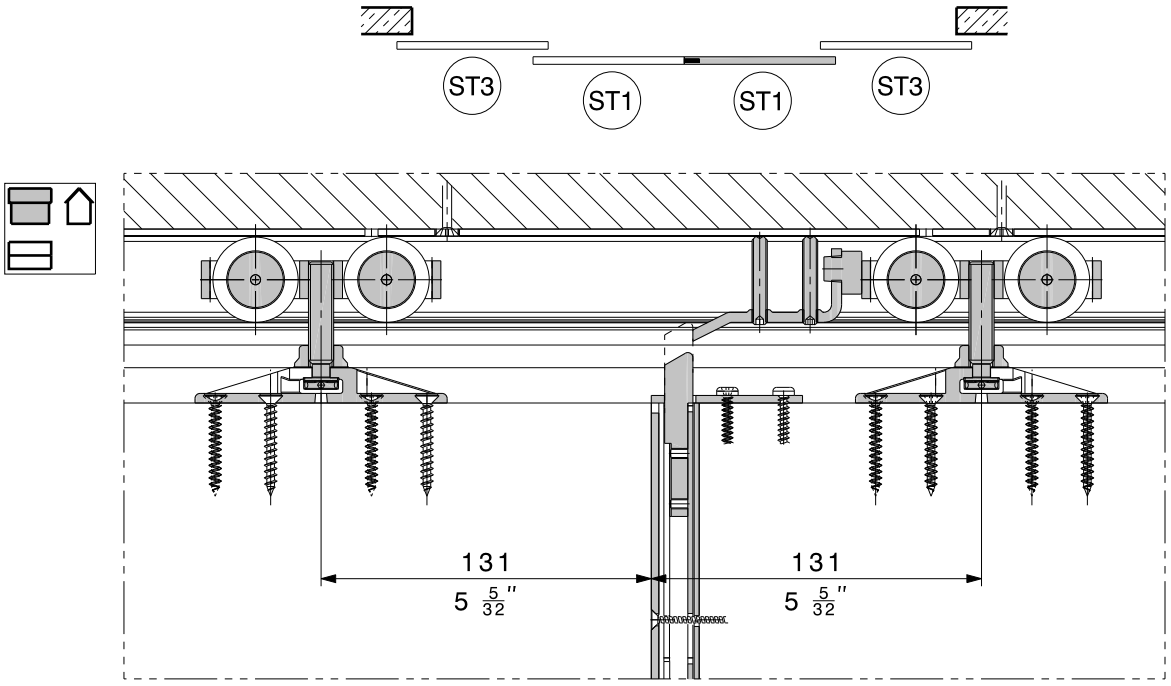
DE Optionales: Führungsschiene
FR En option : Rail de guidage
EN Optional: Bottom guide channel



1* **DE** Führungsschiene, Kunststoff; Material ABS, Art-Nr. 14540 / **FR** Rail de guidage, matière plastique ABS, N° 14540 / **EN** Bottom guide channel, plastic material ABS, code 14540

10.2

DE Optionales: Hawa Silent-Stop
FR En option : Hawa Silent-Stop
EN Optional: Hawa Silent-Stop



DE
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Hawa
Sliding Solutions

Hawa Sliding Solutions AG
Untere Fischbachstrasse 4, 8932 Mettmenstetten, Schweiz
Tel. +41 44 787 17 17, Fax +41 44 787 17 18
info@hawa.com, www.hawa.com

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