SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14275-10-1004

Bodentreppe DOLLE clickFIX vario

Product group: Interior construction - Stairs - Loft stairs

DOLLE

Gebr. DOLLE GmbH
Rockwinkeler Landstr. 117
28325 Bremen

Product qualities:

- SHI Product Assessment 2024
- QNG Qualitätssiegel Nachhaltiges Gebäude
- DGNB NEW CONSTRUCTION 2023
- DGNB NEW CONSTRUCTION 2018
- BNB-BN NEUBAU V2015
- EU taxonomy
- BREEAM DE NEUBAU 2018
- LEED v4.1 (outside US)

CERTIFIED SUSTAINABLE PRODUCT
SHI PRODUCT PASSPORT
SENTINEL HOLDING INSTITUT
www.sentinel-holding.eu

Köttner

Helmut Köttner
Scientific Director
Freiburg, 05 May 2026

SENTINEL HOLDING
INSTITUT

Product:
Bodentreppe DOLLE clickFIX vario

SHI Product Passport no.:
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DOLLE

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The SHI Database is the first and only database for construction products whose comprehensive processes and data accuracy are regularly verified by the independent auditing company SGS-TÜV Saar

SGS TÜV SAAR

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Product:
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SHI Product Assessment 2024

Since 2008, Sentinel Holding Institut GmbH (SHI) has been establishing a unique standard for products that support healthy indoor air. Experts carry out independent product assessments based on clear and transparent criteria. In addition, the independent testing company SGS regularly audits the processes and data accuracy.

Criteria	Product category	Harmful substance limit	Assessment
SHI Product Assessment	Wood materials	TVOC ≤ 300 µg/m^3 Formaldehyd ≤ 36 µg/m^3	Indoor Air Quality Certified
Valid untill: 17 July 2027			

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QNG - Qualitätssiegel Nachhaltiges Gebäude

The Qualitätssiegel Nachhaltiges Gebäude (Quality Seal for Sustainable Buildings), developed by the German Federal Ministry for Housing, Urban Development and Building (BMWSB), defines requirements for the ecological, socio-cultural, and economic quality of buildings. The Sentinel Holding Institut evaluates construction products in accordance with QNG requirements for certification and awards the QNG ready label. Compliance with the QNG standard is a prerequisite for eligibility for the KfW funding programme. For certain product groups, the QNG currently has no specific requirements defined. Although classified as not assessment-relevant, these products remain suitable for QNG-certified projects.

Criteria	Pos. / product group	Considered substances	QNG assessment
3.1.3 Schadstoffvermeidung in Baumaterialien	9.1 Wood-based materials (plywood, OSB, and HPL)	Formaldehyde / VOC / emissions / hazardous substances / SVHC: boron compounds	QNG ready
Verification: Prüfbericht des Instituts eco-INSTITUT Germany GmbH vom 17.07.2023 (Prüfbericht Nr. 58312-A001-L). Konformitätserklärung vom 12.05.2025 bestätigt die materielle Übereinstimmung mit dem geprüften Produkt. Herstellererklärung vom 02.2026.			

Criteria	Assessment
ANF2-WG1 Nachhaltige Materialgewinnung	May positively contribute to the overall building score
Verification: FSC Zertifikat vom 15.08.2025	

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DGNB New Construction 2023

The DGNB System (German Sustainable Building Council) assesses the sustainability of various types of buildings. It can be applied to both large-scale private and commercial projects as well as smaller residential buildings. The 2023 version sets high standards for ecological, economic, socio-cultural, and functional aspects throughout the entire life cycle of a building.

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 03.05.2024 (3rd edition)	47 Coated and uncoated wood-based materials: particle board, blockboard, veneer panels, fibreboard	Formaldehyde emissions	Quality level 4
Verification: Prüfbericht des Instituts eco-INSTITUT Germany GmbH vom 17.07.2023 (Prüfbericht Nr. 58312-A001-L). Konformitätserklärung vom 12.05.2025 bestätigt die materielle Übereinstimmung mit dem geprüften Produkt.			

Criteria	Quality level
ENV1.3 Responsible resource extraction	May positively contribute to the overall building score
Verification: FSC Zertifikat vom 15.08.2025	

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	Coated and uncoated wood-based materials	VVOC, VOC, SVOC emissions	Quality level 4
Verification: Prüfbericht des Instituts eco-INSTITUT Germany GmbH vom 17.07.2023 (Prüfbericht Nr. 58312-A001-L). Konformitätserklärung vom 12.05.2025 bestätigt die materielle Übereinstimmung mit dem geprüften Produkt.			

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Product:
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DOLLE

DGNB New Construction 2018

The DGNB System (German Sustainable Building Council) assesses the sustainability of various types of buildings. It can be applied to both large-scale private and commercial projects as well as smaller residential buildings.

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact	47a Industrially manufactured products	Formaldehyde	Quality level 4

Verification: Prüfbericht des Instituts eco-INSTITUT Germany GmbH vom 17.07.2023 (Prüfbericht Nr. 58312-A001-L). Konformitätserklärung vom 02.11.2023 bestätigt die materielle Übereinstimmung mit dem geprüften Produkt.

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Product:
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SHI Product Passport no.:
14275-10-1004

DOLLE

BNB-BN Neubau V2015

The Bewertungssystem Nachhaltiges Bauen (Assessment System for Sustainable Building) is a tool for evaluating public office and administrative buildings, educational facilities, laboratory buildings, and outdoor areas in Germany. The BNB was developed by the former Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) and is now overseen by the Federal Ministry for Housing, Urban Development and Building (BMWSB).

Criteria	Pos. / product type	Considered substance group	Quality level
1.1.6 Risiken für die lokale Umwelt	41 Wood-based panels according to EN 13986, such as chipboard, plywood, fiberboard, medium-density fiberboard (MDF), plywood, solid wood panels, and OSB panels, as well as veneer plywood	VOC / formaldehyde / hazardous substances	Quality level 4
Verification: Prüfbericht des Instituts eco-INSTITUT Germany GmbH vom 17.07.2023 (Prüfbericht Nr. 58312-A001-L). Konformitätserklärung vom 12.05.2025 bestätigt die materielle Übereinstimmung mit dem geprüften Produkt. Herstellererklärung vom 02.2026. Nicht flammhemmend ausgerüstet.			

Criteria	Assessment
1.1.7 Nachhaltige Materialgewinnung	May positively contribute to the overall building score
Verification: FSC Zertifikat vom 15.08.2025	

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Product:
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SHI Product Passport no.:
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EU taxonomy

The EU Taxonomy classifies economic activities and products according to their environmental impact. At the product level, the EU regulation defines clear requirements for harmful substances, formaldehyde and volatile organic compounds (VOCs). The Sentinel Holding Institut GmbH labels qualified products that meet this standard.

Criteria	Product type	Considered substances	Assessment
DNSH - Pollution prevention and control		Substances according to Annex C	EU taxonomy compliant
Verification: Herstellererklärung vom 02.2026			

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INSTITUT

Product:
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SHI Product Passport no.:
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BREEAM DE Neubau 2018

BREEAM (Building Research Establishment Environmental Assessment Methodology) is a UK-based building assessment system that evaluates the sustainability of new constructions, refurbishments, and conversions. Developed by the Building Research Establishment (BRE), the system aims to assess and improve the environmental, economic, and social performance of buildings.

Criteria	Product category	Considered substances	Quality level
Hea 02 Indoor Air Quality	Wood-based products	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality
Verification: Prüfbericht des Instituts eco-INSTITUT Germany GmbH vom 08.09.2023 (Prüfbericht Nr. 58312-A002-L).			

SENTINEL HOLDING
INSTITUT

Product:
Bodentreppe DOLLE clickFIX vario

SHI Product Passport no.:
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LEED v4.1

LEED (Leadership in Energy and Environmental Design) is an internationally recognised building certification system developed by the U.S. Green Building Council. It is one of the most widely used sustainability standards for buildings worldwide and is particularly applied in internationally oriented projects. LEED assesses buildings holistically across categories such as energy efficiency, resource conservation, material selection, indoor environmental quality and site sustainability. Depending on the number of points achieved, projects are awarded one of the certification levels: LEED Certified, Silver, Gold or Platinum.

Criteria	Product category	Considered substances	Assessment
EQ Credit: Low-Emitting Materials	Holzwerkstoffe	Emissionen: Formaldehyd, VOC, Krebserregende Stoffe	compliant
Verification: Prüfbericht des Instituts eco-INSTITUT Germany GmbH vom 08.09.2023 (Prüfbericht Nr. 58312-A002-L).			

SENTINEL HOLDING
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Product:
Bodentreppe DOLLE clickFIX vario

SHI Product Passport no.:
14275-10-1004

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Product labels

In the construction industry, high-quality materials are crucial for a building's indoor air quality and sustainability. Product labels and certificates offer guidance to meet these requirements. However, the evaluation criteria of these labels vary, and it is important to carefully assess them to ensure products align with the specific needs of a construction project.

FSC®

The Forest Stewardship Council (FSC) label is awarded to products made wholly or partly from wood sourced from responsibly managed and controlled forestry. Health-related aspects of the final product are not part of the FSC assessment.

Products bearing the Sentinel Holding Institute QNG-ready seal are suitable for projects aiming to achieve the "Qualitätssiegel Nachhaltiges Gebäude" (Quality Seal for Sustainable Buildings). QNG-ready products meet the requirements of QNG Appendix Document 3.1.3, "Avoidance of Harmful Substances in Building Materials." The KfW loan program Climate-Friendly New Construction with QNG may allow for additional funding.

This product is SHI Indoor Air Quality certified and recommended by Sentinel Holding Institut. Indoor-air-focused construction, renovation, and operation of buildings is made possible by transparent and verifiable criteria thanks to the Sentinel Holding concept.

Product:
Bodentreppe DOLLE clickFIX vario

SHI Product Passport no.:
14275-10-1004

Legal notices

(*) These criteria apply to the construction project as a whole. While individual products can positively contribute to the overall building score through proper planning, the evaluation is always conducted at the building level. The information was provided entirely by the manufacturer.

Find our criteria here: https://www.sentinel-holding.eu/de/Themenwelten/Pr%C3%BCfkriterien%20f%C3%BCr%20Produkte

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Publisher

Sentinel Holding Institut GmbH
Bötzinger Str. 38
79111 Freiburg im Breisgau
Germany
Tel.: +49 761 590 481-70
info@sentinel-holding.eu
www.sentinel-holding.eu

CLICKFIX® VARIO

BODENTREPPE



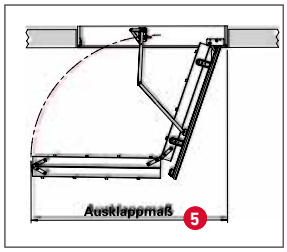
Die Bodentreppe mit TOP-Wärmedämmung und leichtem Einbau













0,49 U-Wert — WÄRMEDÄMMUNG
Bauteilgeprüfter U-Wert, nach EN 14351-1:2006+A2:2016, EN ISO 10077-1:2006, EN ISO 10077-2:2017

GEPRÜFT MIT ÜBERLAST
für 150 kg Traglast nach EN 14975

LUFTDICHT Klasse 4
nach EN 12207, EN 1026:2016

Einmanninstallation

DIN EN 14975 — PRODUZIERT NACH DIN

Geringes Eigengewicht

AUSSTATTUNG

- Patentierter Knickhebel - Einbau ohne Werkzeug!
- Zwei umlaufende Dichtungen
- Lukenkasten Holz, 24 cm hoch, weiß lasiert
- Lukendeckel Sandwichbauweise, Stärke 76 mm
- Leiternteil Scherentreppe aus Aluminium, Stufentiefe 11 cm
- Leisten aus Kunststoff, weiß für 2 Einbauvarianten: deckenbündig oder zur Abdeckung der Einbaufuge
- Bedienstab
- Deckenanschlussband TwinAktiv-Folie
- Justierschrauben

TECHNISCHE HINWEISE

- Sonderanfertigungen gegen Aufpreis
- Sondermaße Kasten bis zu einer Größe von max. 140 x 70 cm möglich
- Zusatzstufen obligatorisch bei: Kastenhöhen größer als 35 cm (+ 1 Stufe), größer als 65 cm (+ 2 Stufen)
- Deckenbündiger Einbau möglich
- Bodentreppen sind nur für den gelegentlichen Zugang zum Dachboden geeignet.

ZUBEHÖR GEGEN AUFPREIS

- Handlauf aus Stahl
- Lukenschutzgeländer

MAßE

Rohbaumaße	90 × 60/70 cm (nur mit 9 Stufen), 110 × 60/70, 120/130/140 × 60/70 cm
1 Deckenöffnung Breite	min. 60 cm
2 Deckenöffnung Länge	min. 110 cm

Stufen	3 Lichte Raumhöhe	4 Ausladung	5 Ausklappmaß
9	239 – 265 cm	99 – 145 cm	115 –172 cm
10	266 – 295 cm	108 –154 cm	125 – 189 cm
11	293 – 325 cm	116 – 164 cm	135 – 206 cm
12	320 – 355 cm	125 – 172 cm	145 – 223 cm
13	347 – 386 c	133 – 181 cm	155 – 240 cm
14	386 – 415 cm	145 – 190 cm	208 – 257 cm

→ dolle.de/clickfix-vario

© Gebr. DOLLE GbmH März 2025 – Technische Änderungen, die dem Fortschritt dienen, vorbehalten.

Preferred by Nature hereby certifies that

Dolle A/S

Vestergade 47
Frostrup, 7741
Denmark

conform with the following standards:
FSC-STD-40-003 V2-1
FSC-STD-40-004 V3-1
FSC-STD-50-001 V2-1 EN

The certificate is valid from 15 August 2025 to 14 August 2030
Certificate version date: 16 August 2025

Certification scope
Multisite Chain of Custody

Certificate registration code
PBN-COC-014693

FSC™ license code
FSC-C022300

Justinas Janulaitis
Management board member
Filosoofi 31, Tartu, Estonia

Specific information regarding products and/or sites is listed in the appendix(es) of this certificate. The validity and exact scope covered by this certificate shall always be verified at www.info.fsc.org. This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC certified [or FSC Controlled Wood]. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents. The physical printed certificate remains the property of Preferred by Nature OÜ and shall be returned upon request.

Appendix A: Scope of Dolle A/S
FSC Chain of Custody Certificate
PBN-COC-014693

(The list below shows products handled by the network of Participating Sites)

Product type	Trade name	Output FSC claims
W11.3	Stairs	FSC 100%; FSC Mix x%
W11.3	Stairs	FSC Mix Credit
W11.3	Stairs	FSC 100%
W11.7	Cladding	FSC Mix Credit
W12	Safety gates for children	FSC 100%
W13.5	Decking	FSC Mix x%
W18	Handrails	FSC 100%
W9.1	Finger jointed wood	FSC 100%; FSC Mix x%

Appendix B: Scope of Dolle A/S
FSC Chain of Custody Certificate
PBN-COC-014693

No	Site name	Address	Sub-code
1		Vestergade 47 Frostrup 7741 Denmark	---
2	Dolle UK. ltd	Suites 15b and 15d Field House Rural House Earts Coine Business Park Essex CO6 2NS United Kingdom	PBN-COC-014693-A
3	Sogem SA	Avenue de l'Espérance 40 Fleurus 6220 Belgium	PBN-COC-014693-B
4	Dolle Sp. Z.o.o - Head office and warehouse	Ul. Miedzyrzecka 149 Bielsko Biala PL-43-382 Poland	PBN-COC-014693-C
5	Gebr. Dolle GmbH	Rockwinkeler Landstrasse 117 Bremen D-28325 Germany	PBN-COC-014693-D
6	Dolle Sp. z o.o. customer service office	ul. Strażacka 81 Bielsko- Biała PL-43-382 Poland	PBN-COC-014693-E
7	Dolle Nordic A/S	Holmstrupgårdvej 1C Brabrand 8220 Denmark	PBN-COC-014693-F
8	Dolle Nordic Norge	Andersrudveien 1 Ytre Enebakk 1914 Norway	PBN-COC-014693-G
9	Dolle Nordic AB	Elektrogatan 10 Solna 171 54 Sweden	PBN-COC-014693-H

Frøstrup, February 2026

CONCERNING: REGULATION (EU) NO. 1907/2006 OF THE EUROPEAN PARLIAMENT

Reach declaration

In accordance with the requirements in the REACH directive (1907/2006) Dolle A/S declare that none of the items we supply including packaging contain substances of very high concern (SVHC) in concentrations higher than 0,1% (w/w).

All materials and ancillary substances used by Dolle A/S are comprised by the regulations of REACH.

Dolle A/S is to be seen as a downstream user, meaning that there is no registration responsibility.

This includes the finished products that Dolle A/S produce and distribute to our customers.

We follow up towards our suppliers to ensure that the obligations of Dolle A/S are being observed.

This is secured through the due diligence system carried out by the management group of Dolle A/S.

The complete list of SVHC can at any time be found on https://echa.europa.eu/candidate-list-table.

If you have any questions, please do not hesitate to contact me or your usual contact at Dolle A/S.

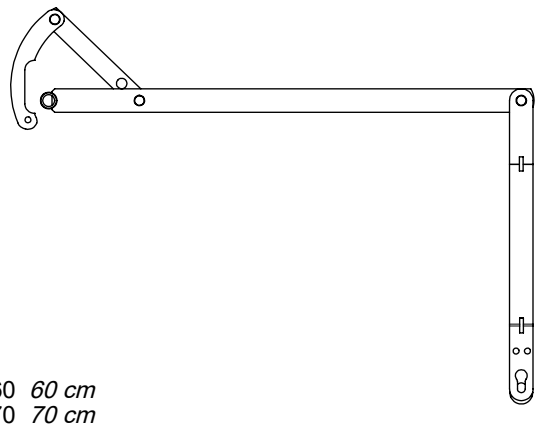
Best regards

Henrik Nyvang Jensen
Purchasing & Quality Manager
Dolle A/S
hj@dolle.com

Dolle A/S
Vestergade 47
DK-7741 Frøstrup
Tel.: +45 9799 1422
Fax: +45 9799 1745
dolle@dolle.com, www.dolle.eu
CVR: 69 39 50 15

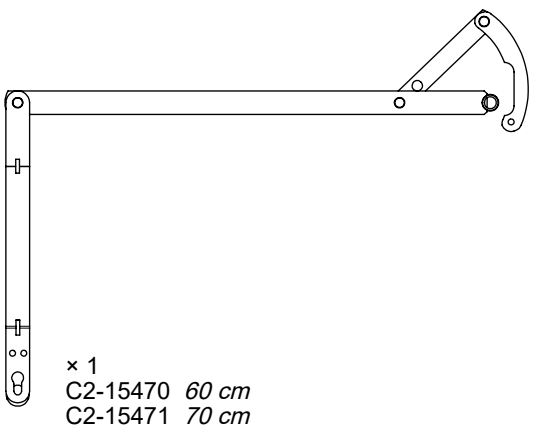
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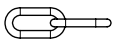
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C2-15460 *60 cm*
C2-15470 *70 cm*

11



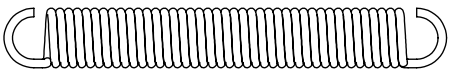
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C2-15470 *60 cm*
C2-15471 *70 cm*

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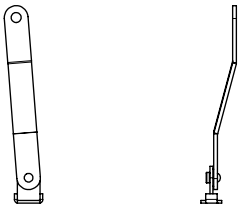
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× 2
H1-97170

15



× 2
C2-15240

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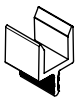
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18



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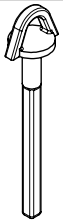
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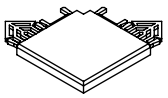
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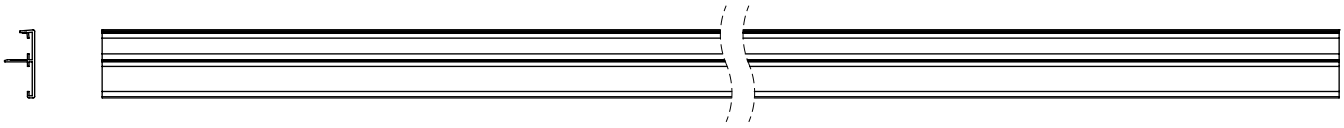
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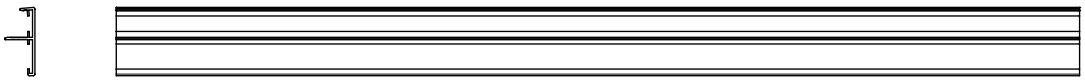
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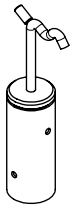
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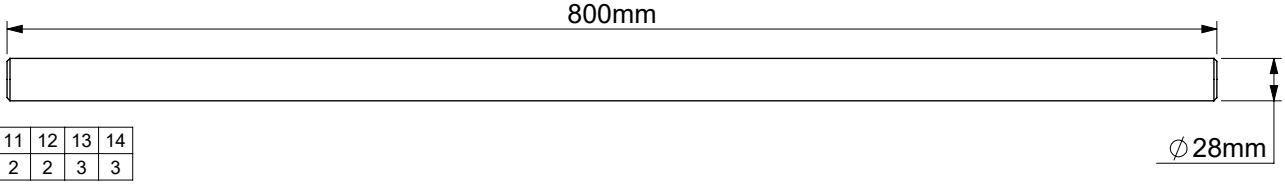
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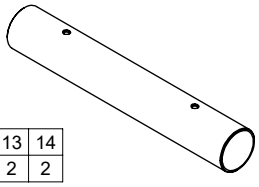
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	9	10	11	12	13	14
x	1	1	2	2	3	3

K1-17299

31



	9	10	11	12	13	14
x	0	0	1	1	2	2

K1-17298

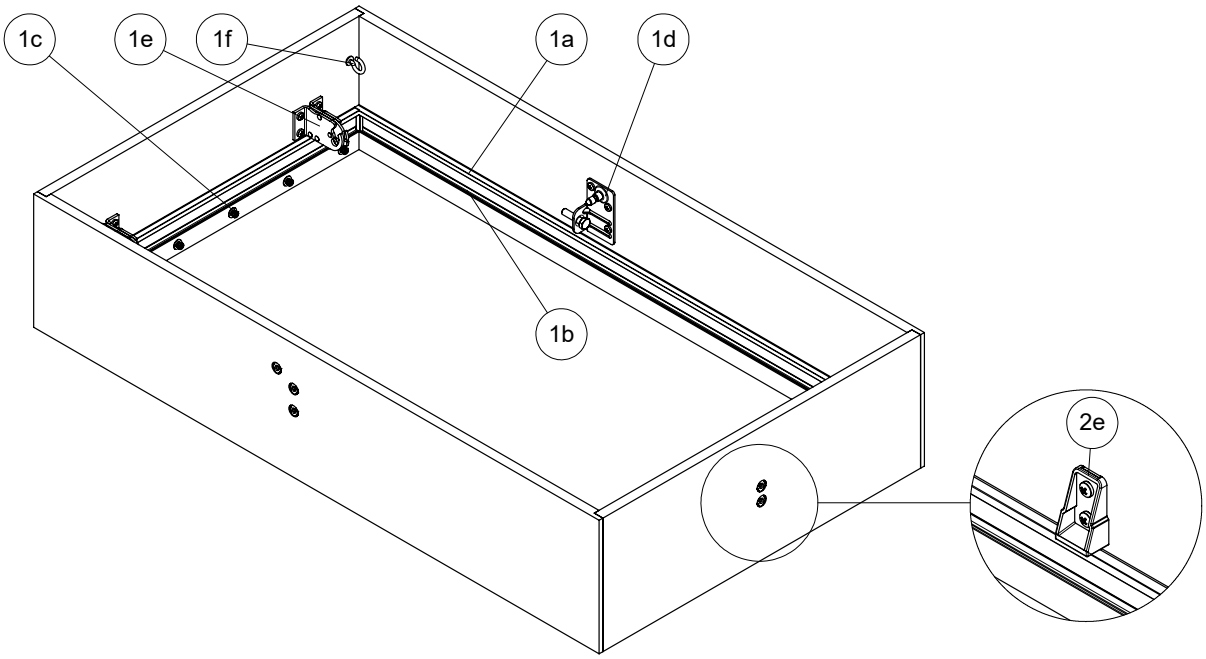
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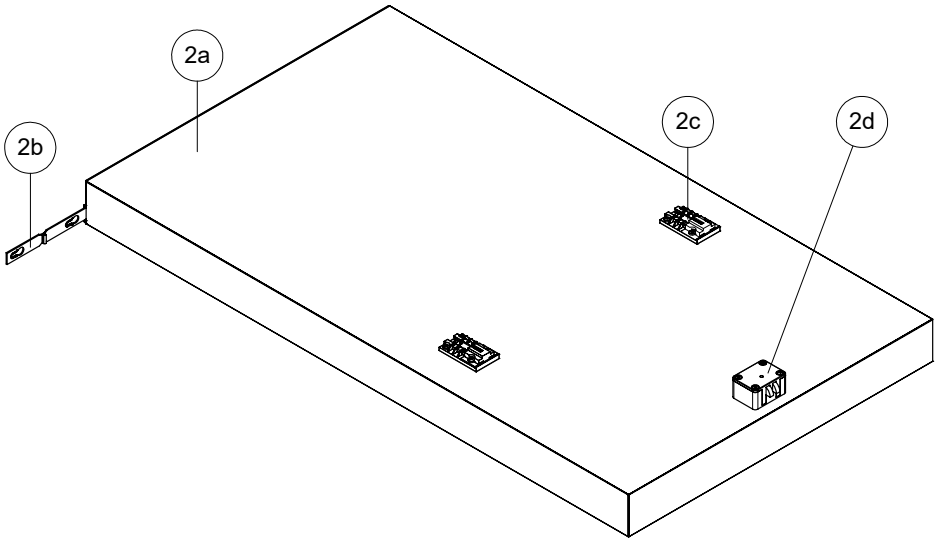


	9	10	11	12	13	14
x	2	2	4	4	6	6

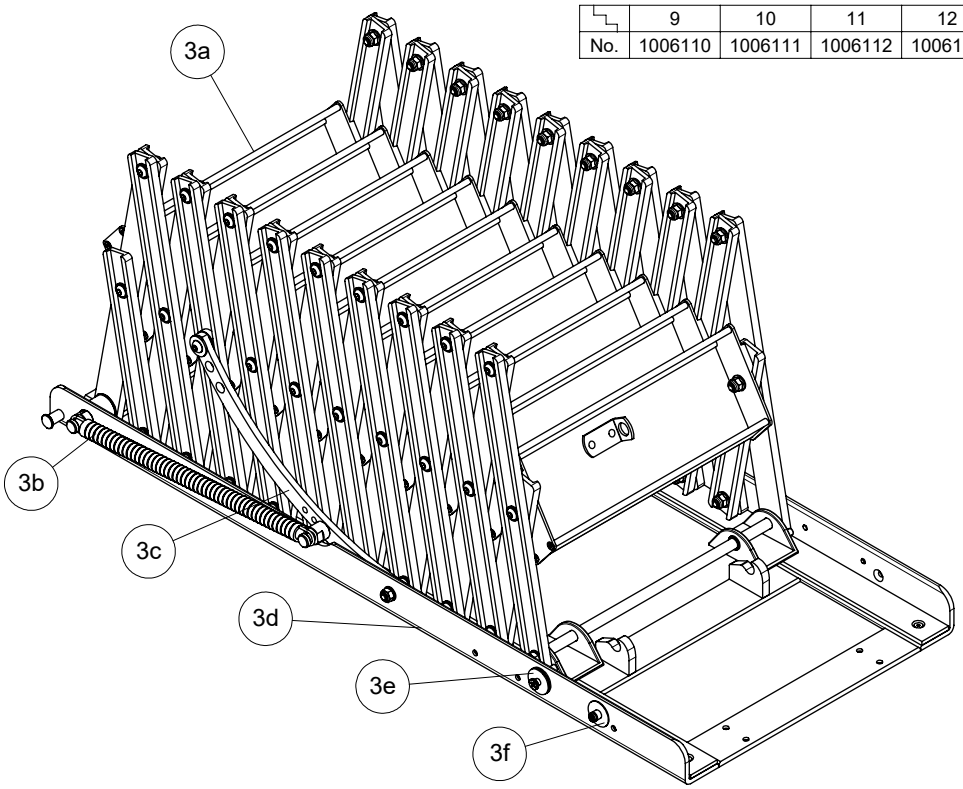
K3-06013
Ø4 x 20

R1-97076 / CF76-V / 13-12-2021 / Rev 14-06-2022

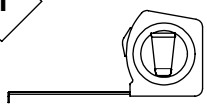


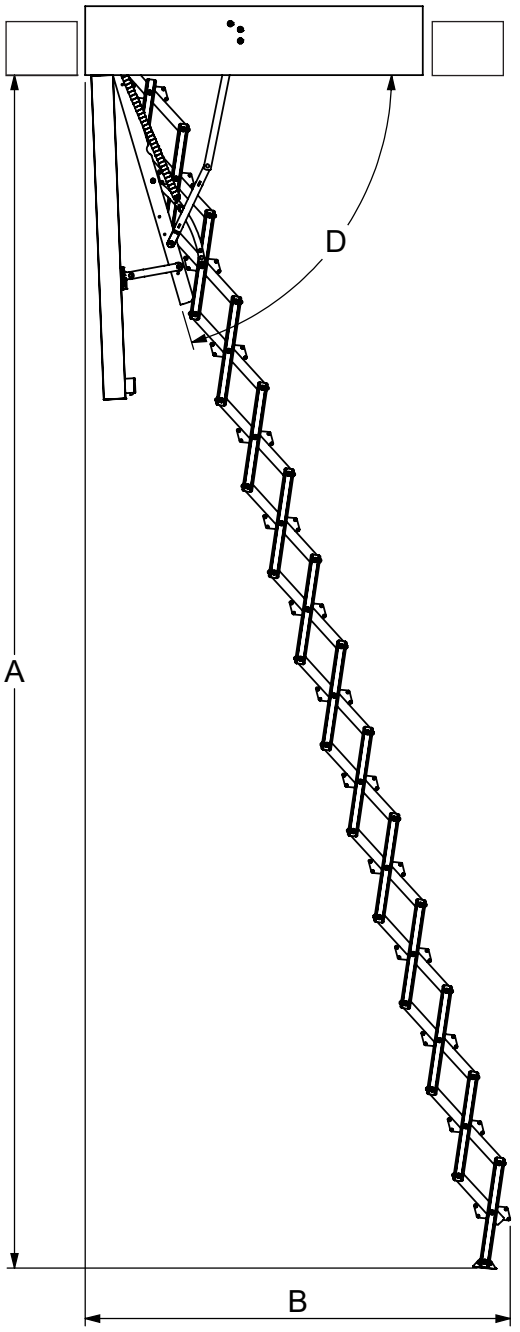


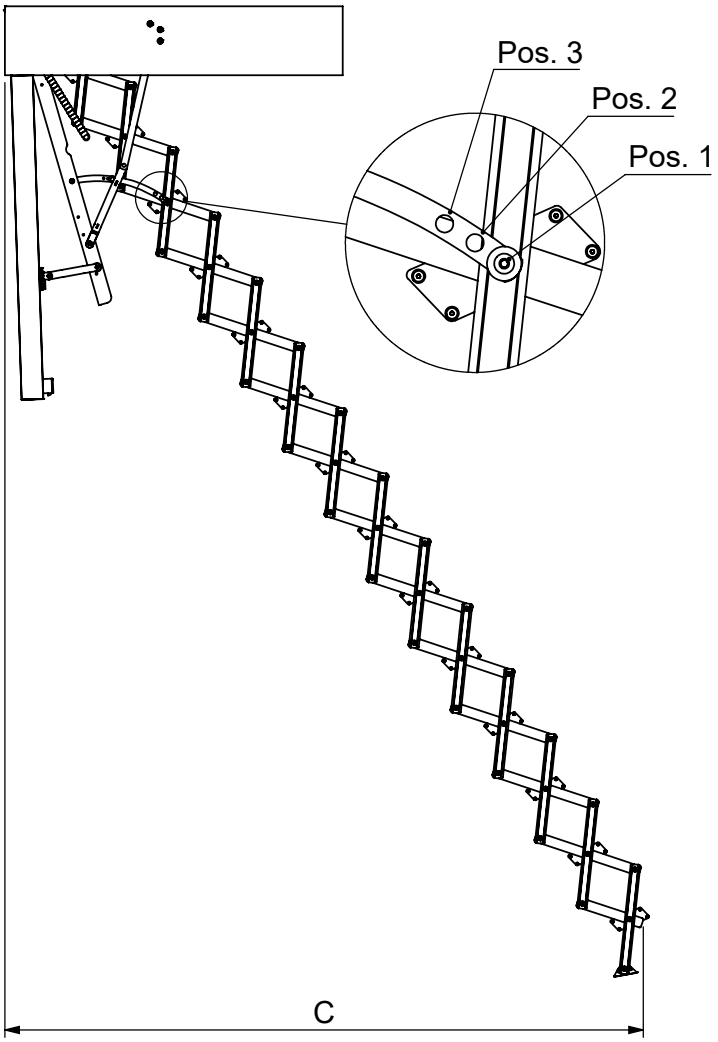
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No.	1006110	1006111	1006112	1006113	1006114	1006115



1







9	D °	A mm	B mm	C mm
Pos. 1	67	2550	1450	1715
	70	2606	1149	1620
	73	2653	1014	1524
Pos. 2	67	2467	1260	1558
	70	2521	1132	1489
	73	2567	1002	1415
Pos. 3	67	2384	1237	1255
	70	2436	1114	1202
	73	2481	988	1146

10	D °	A mm	B mm	C mm
Pos. 1	67	2839	1539	1886
	70	2900	1257	1779
	73	2953	1106	1671
Pos. 2	67	2746	1379	1709
	70	2806	1236	1630
	73	2858	1091	1548
Pos. 3	67	2654	1351	1368
	70	2712	1214	1308
	73	2762	1073	1245

11	D °	A mm	B mm	C mm
Pos. 1	67	3127	1628	2056
	70	3195	1364	1938
	73	3253	1198	1819
Pos. 2	67	3026	1497	1859
	70	3091	1340	1772
	73	3148	1179	1681
Pos. 3		2924	1466	1482
	70	2987	1314	1415
	73	3042	1159	1345

12	D °	A mm	B mm	C mm
Pos. 1	67	3416	1717	2226
	70	3489	1471	2097
	73	3553	1289	1966
Pos. 2	67	3305	1616	2010
	70	3376	1444	1914
	73	3438	1268	1813
Pos. 3	67	3194	1581	1595
	70	3263	1415	1522
	73	3323	1245	1444

13	D °	A mm	B mm	C mm
Pos. 1	67	3704	1805	2397
	70	3784	1578	2255
	73	3853	1381	2114
Pos. 2	67	3584	1734	2160
	70	3662	1548	2056
	73	3728	1357	1946
Pos. 3	67	3464	1695	1708
	70	3539	1515	1628
	73	3604	1331	1544

14	D °	A mm	B mm	C mm
Pos. 1	67	3993	1894	2567
	70	4079	1686	2414
	73	4152	1473	2261
Pos. 2	67	3853	1853	2311
	70	3947	1651	2198
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2

Example 1
Exemple 1
Beispiel 1
Voorbeeld 1
Eksempel 1

A = 3200 mm

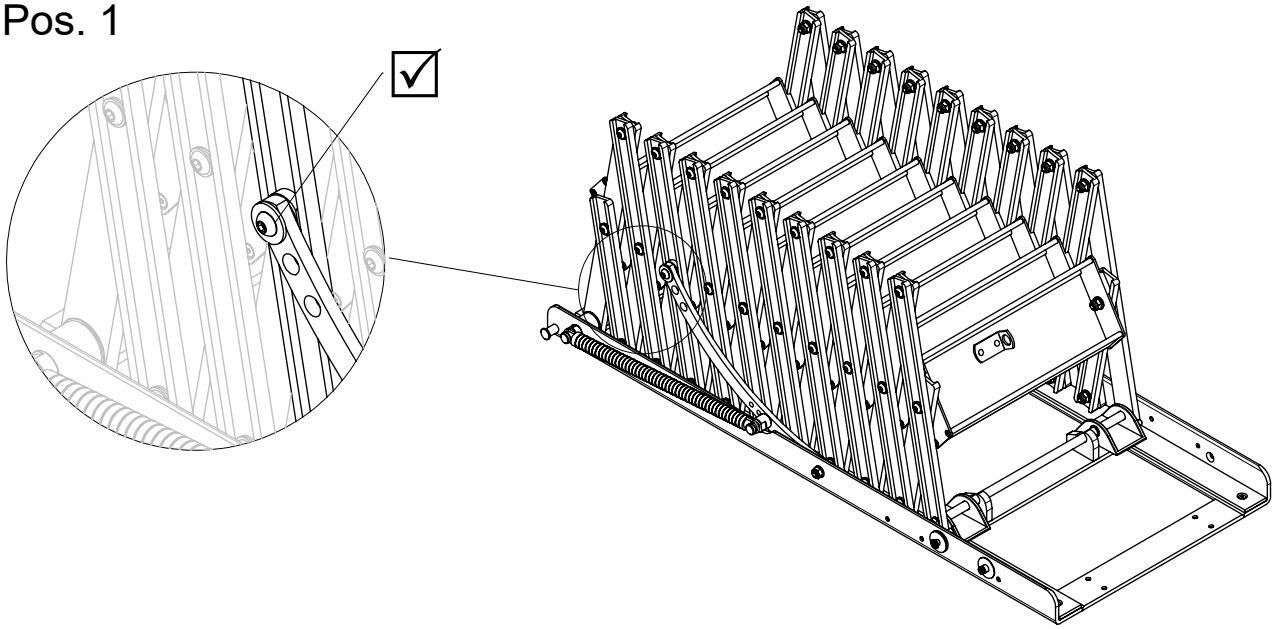
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Pos. 1	67	3127	1628	2056
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	73	3253	1198	1819
Pos. 2	67	3026	1497	1859
	70	3091	1340	1772
	73	3148	1179	1681
Pos. 3	67	2924	1466	1482
	70	2987	1314	1415
	73	3042	1159	1345

Example 2
Exemple 2
Beispiel 2
Voorbeeld 2
Eksempel 2

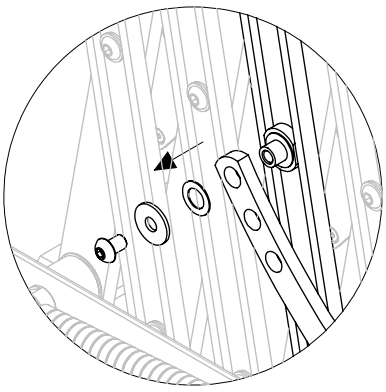
A = 3100 mm

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	73	3253	1198	1819
Pos. 2	67	3026	1497	1859
	70	3091	1340	1772
	73	3148	1179	1681
Pos. 3	67	2924	1466	1482
	70	2987	1314	1415
	73	3042	1159	1345

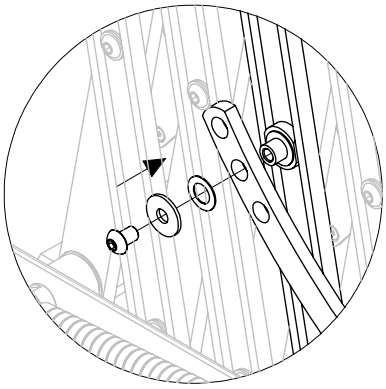
Pos. 1



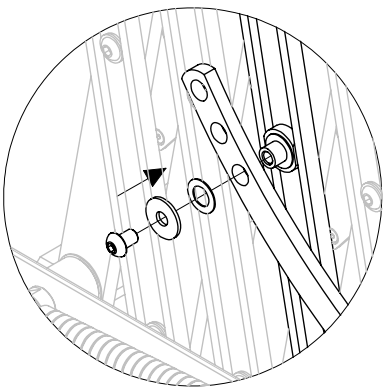
Pos. 2 / 3



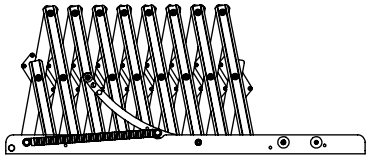
Pos. 2

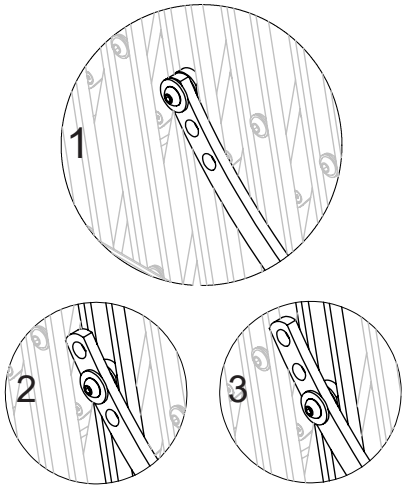
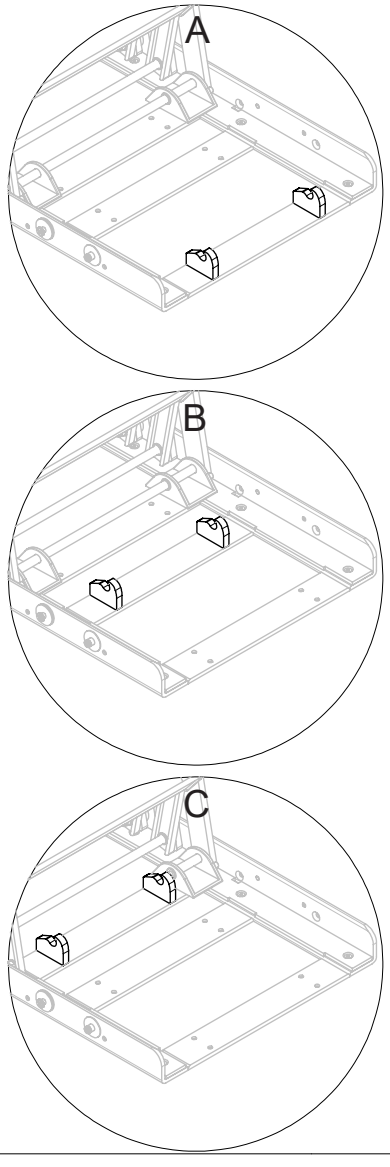


Pos. 3

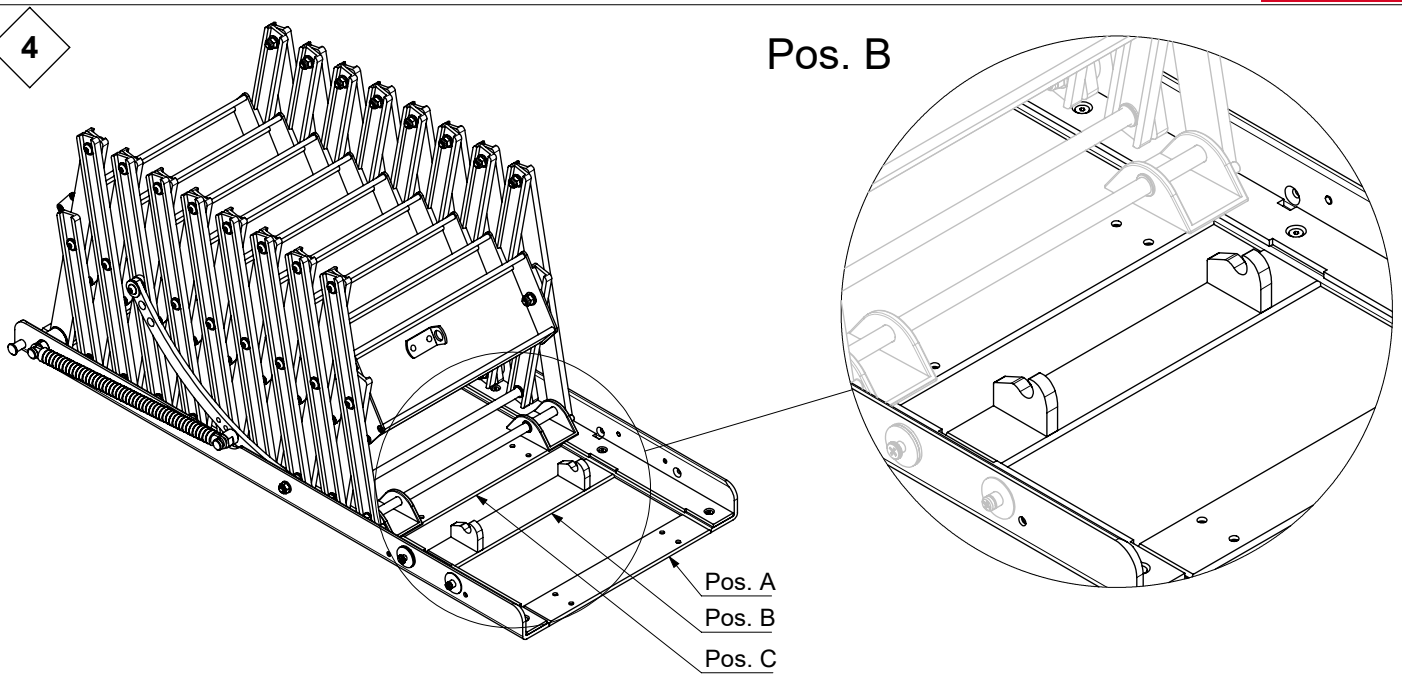


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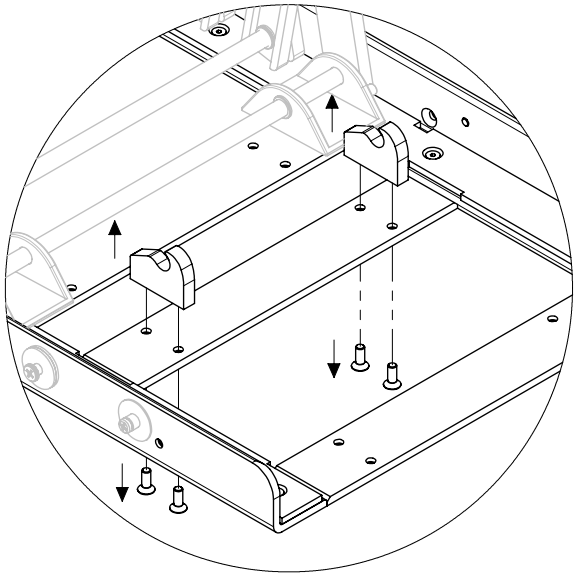


	9		10		
	Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3
	Pos. C	Pos. B	Pos. B	Pos. B	Pos. B	Pos. A

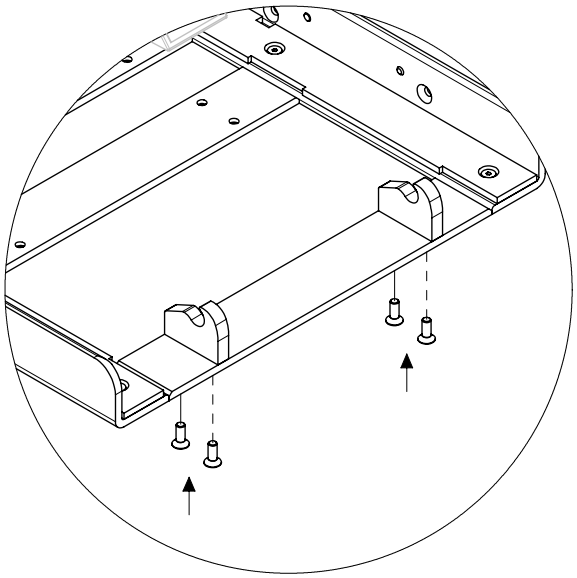
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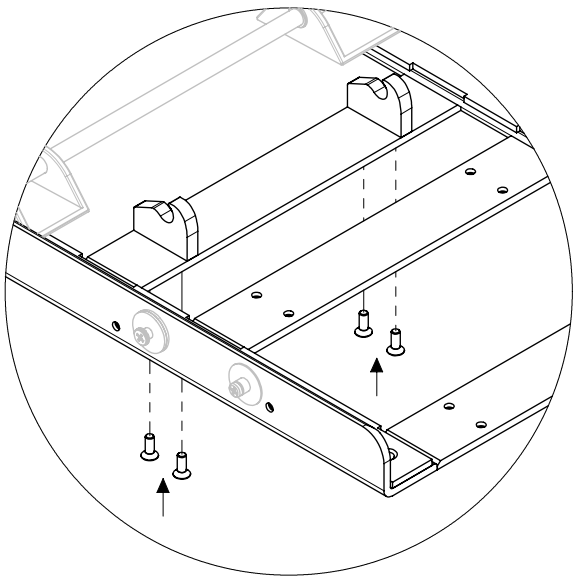
Pos. A / C



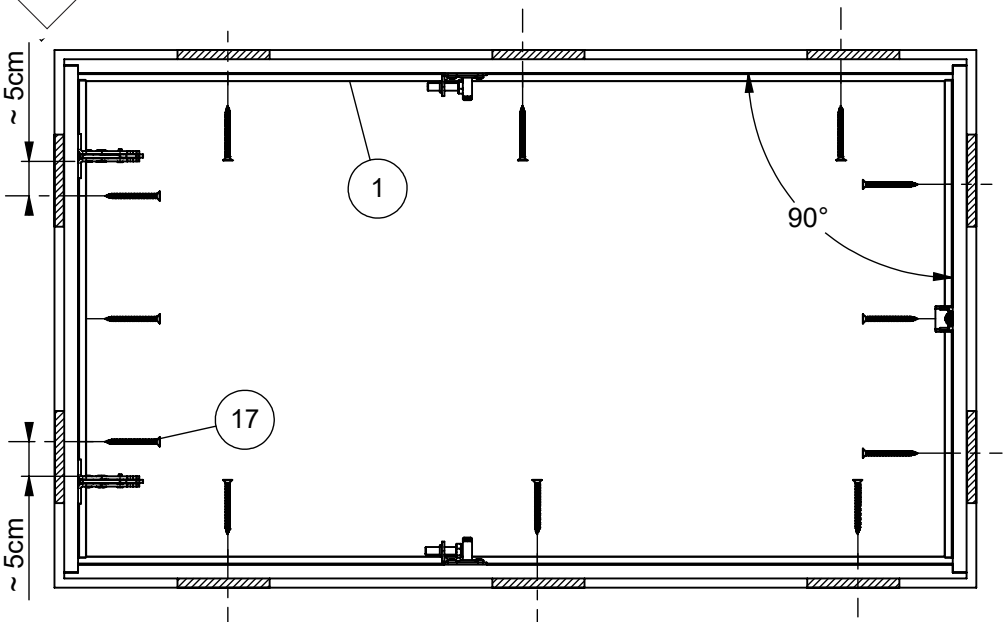
Pos. A

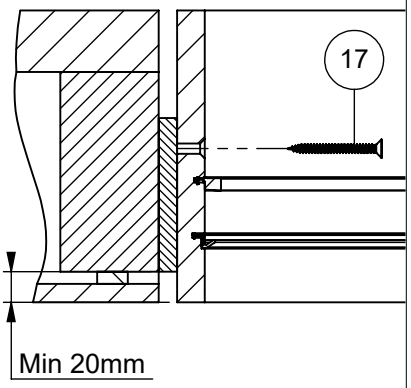


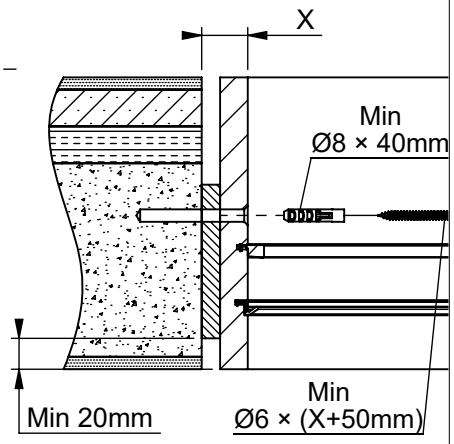
Pos. C

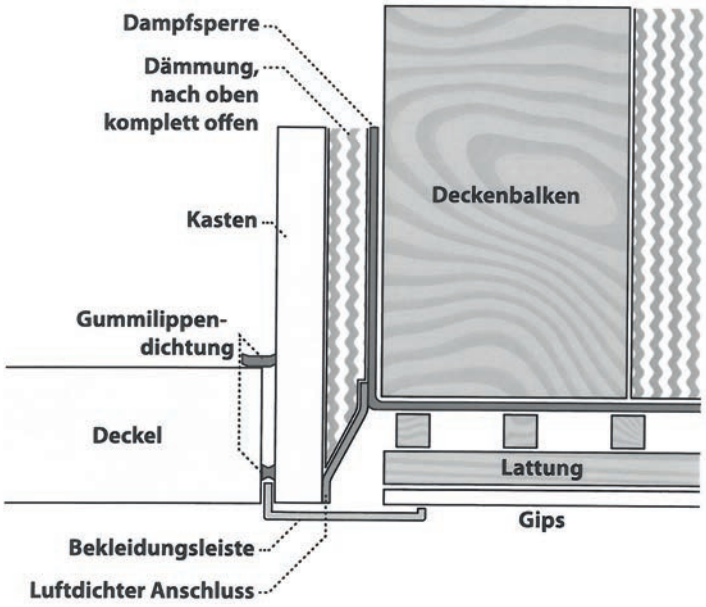


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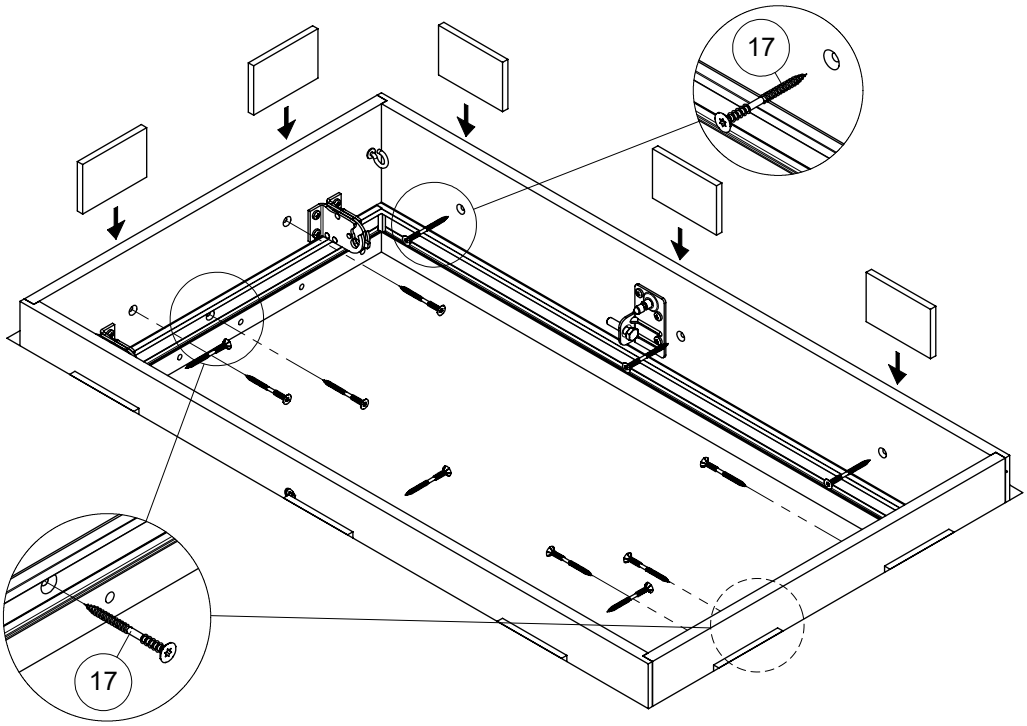


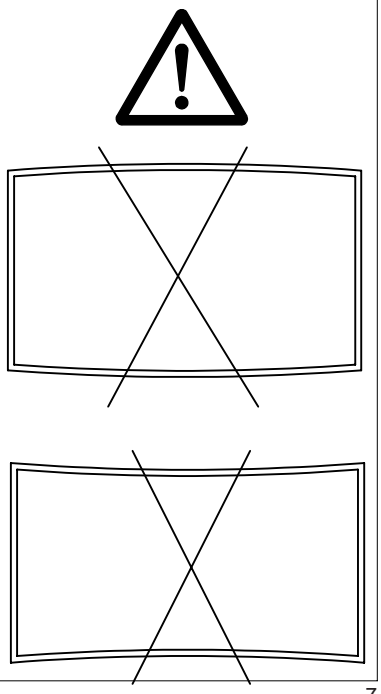




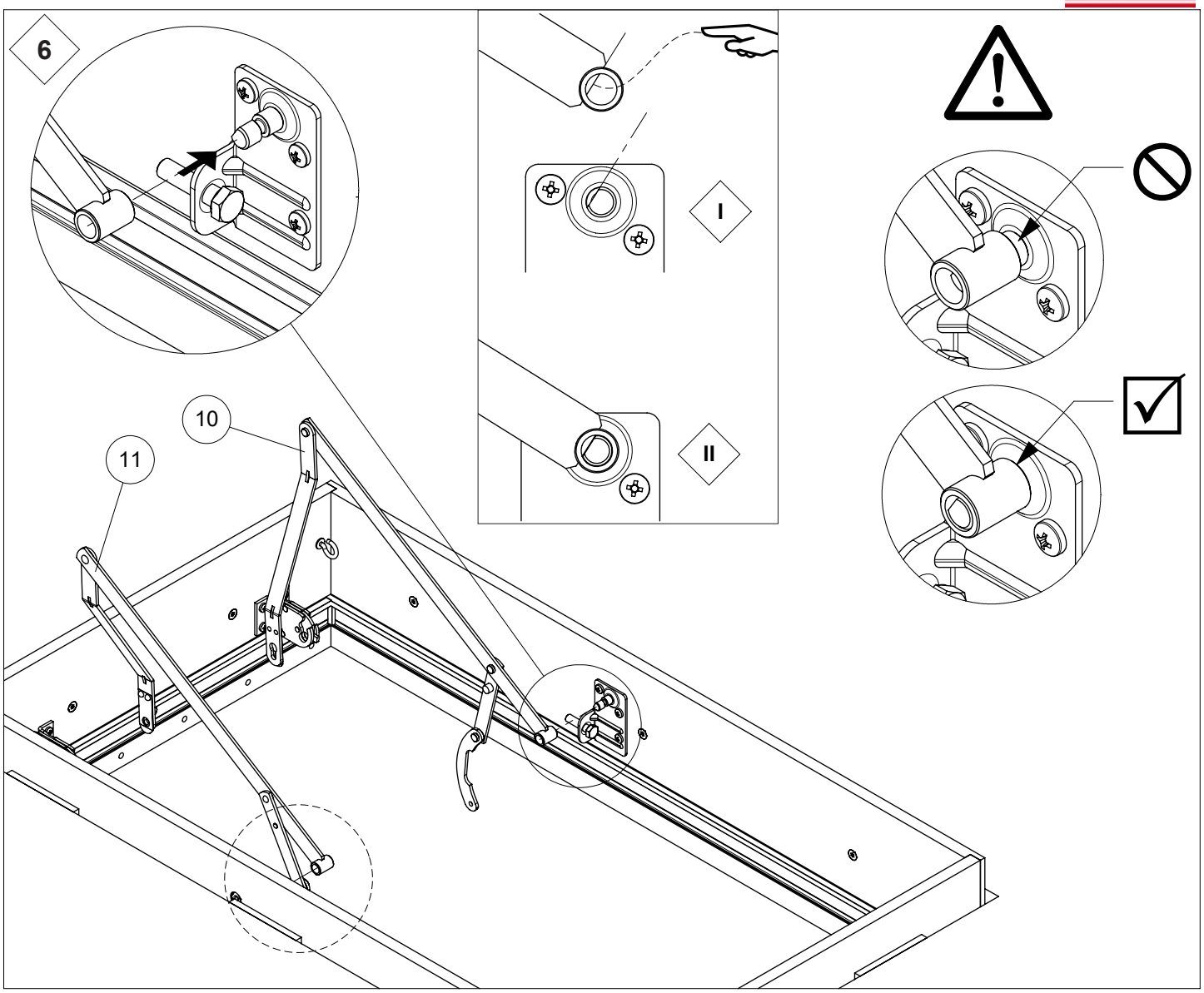


ACHTUNG:
unbedingt den luftdichten Anschluss des Lukenkastens unten an die Decke und die Zwischenraumdämmung bauseits durchführen.

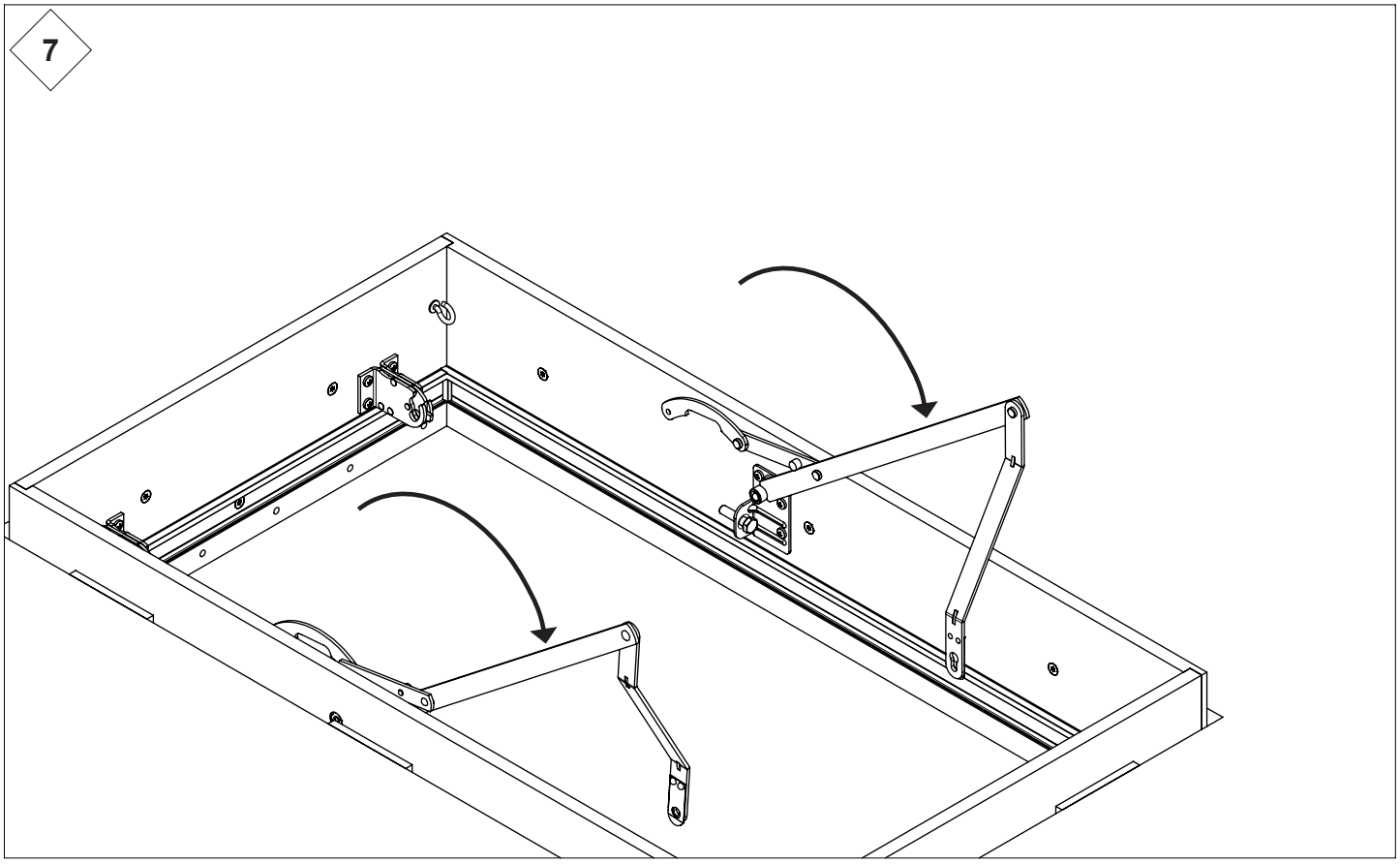




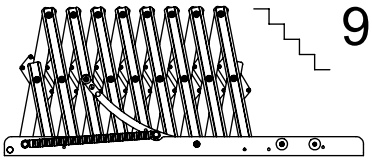
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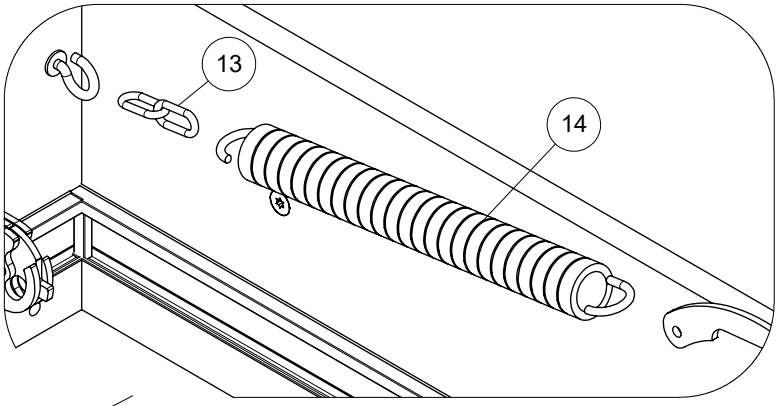
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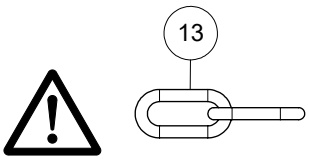


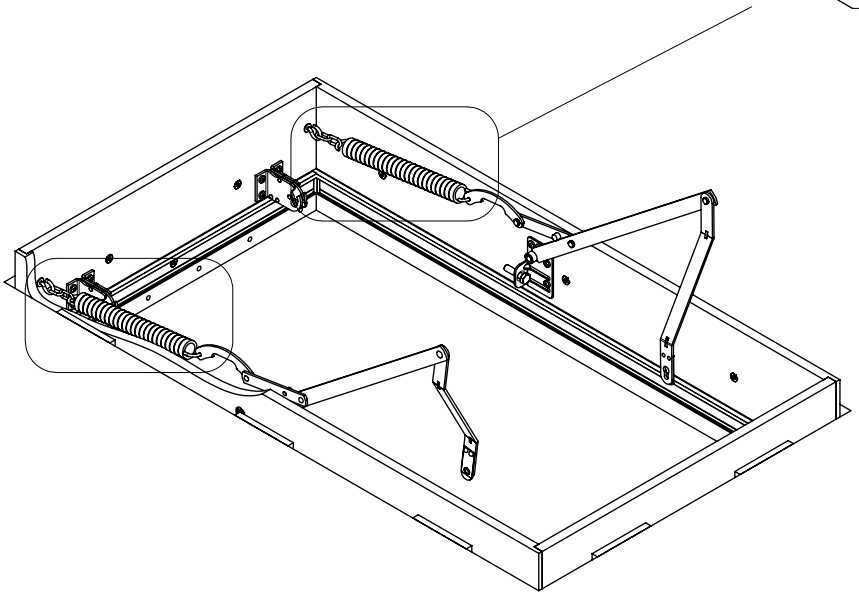
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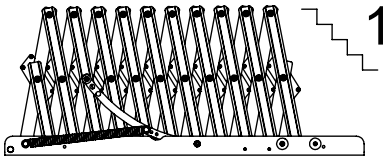


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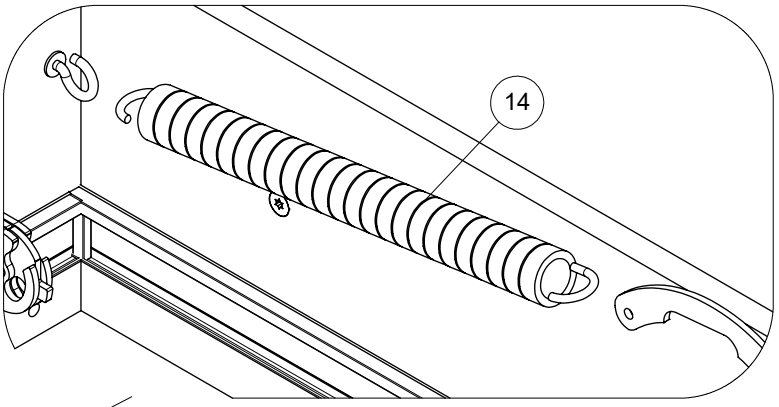


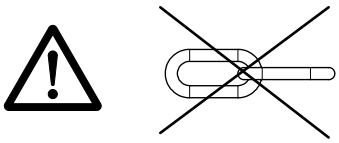


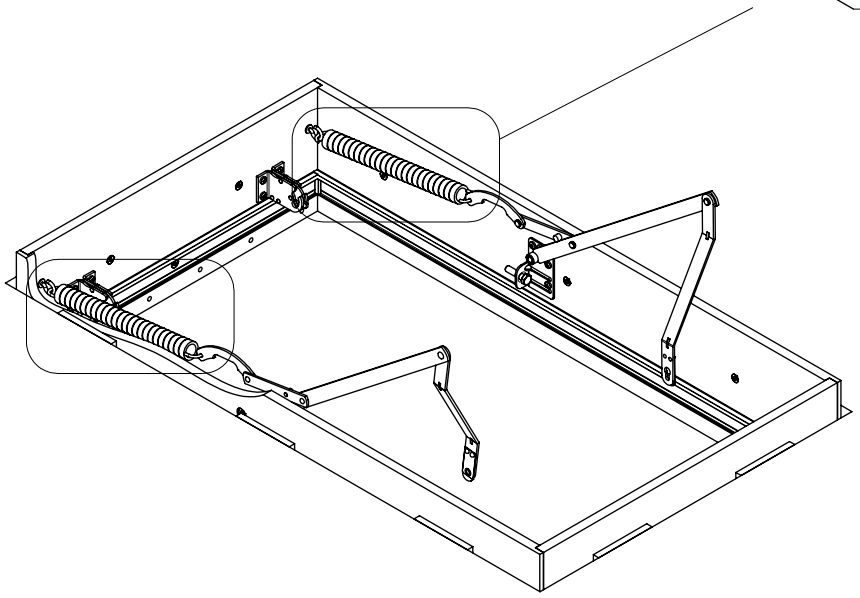




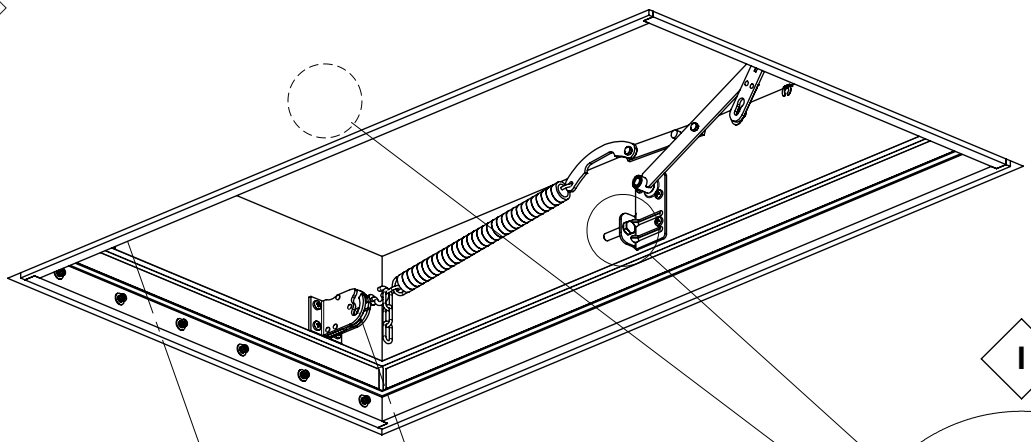
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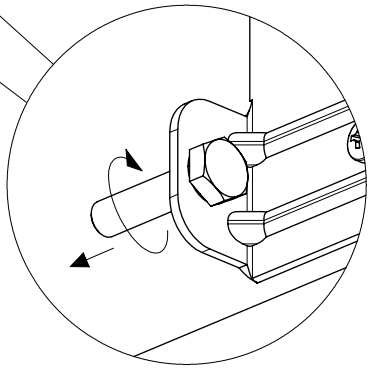


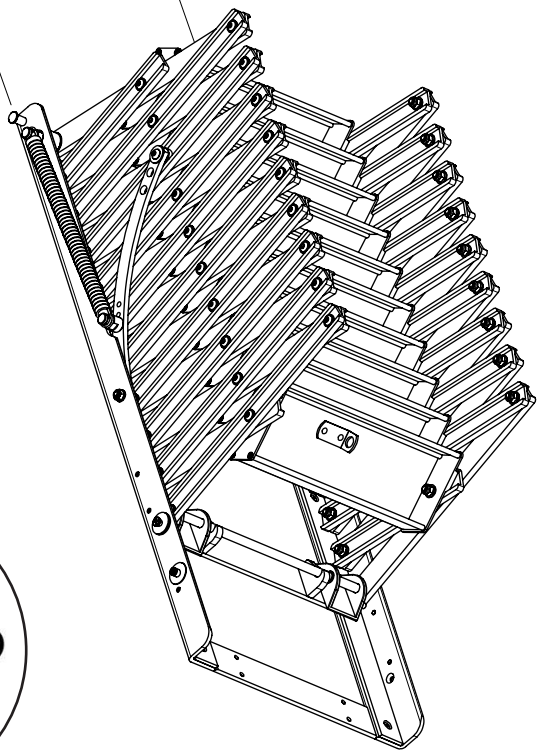


9



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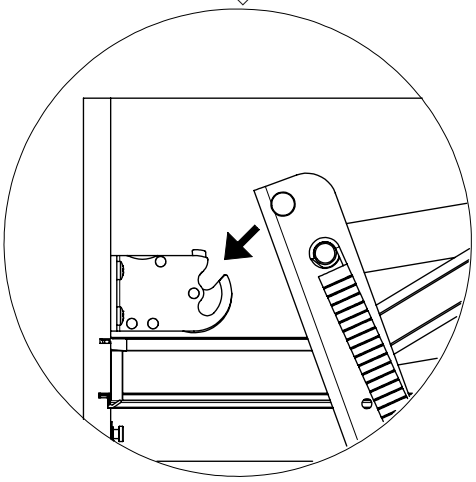




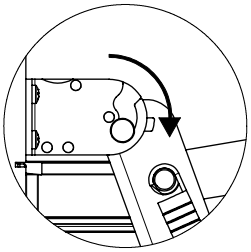


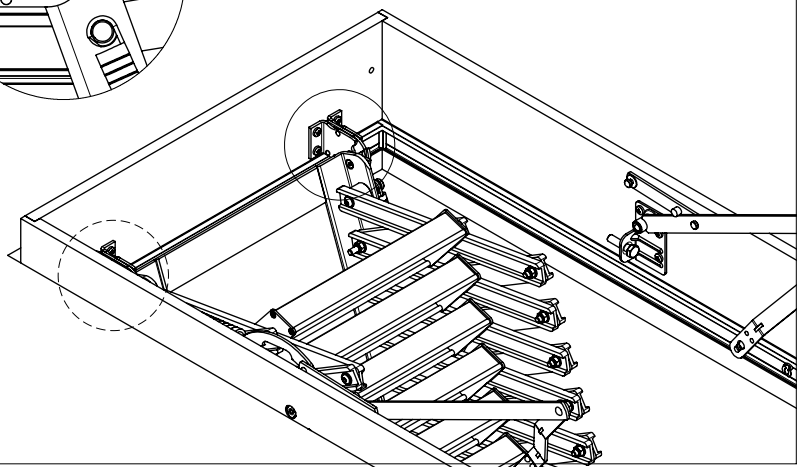


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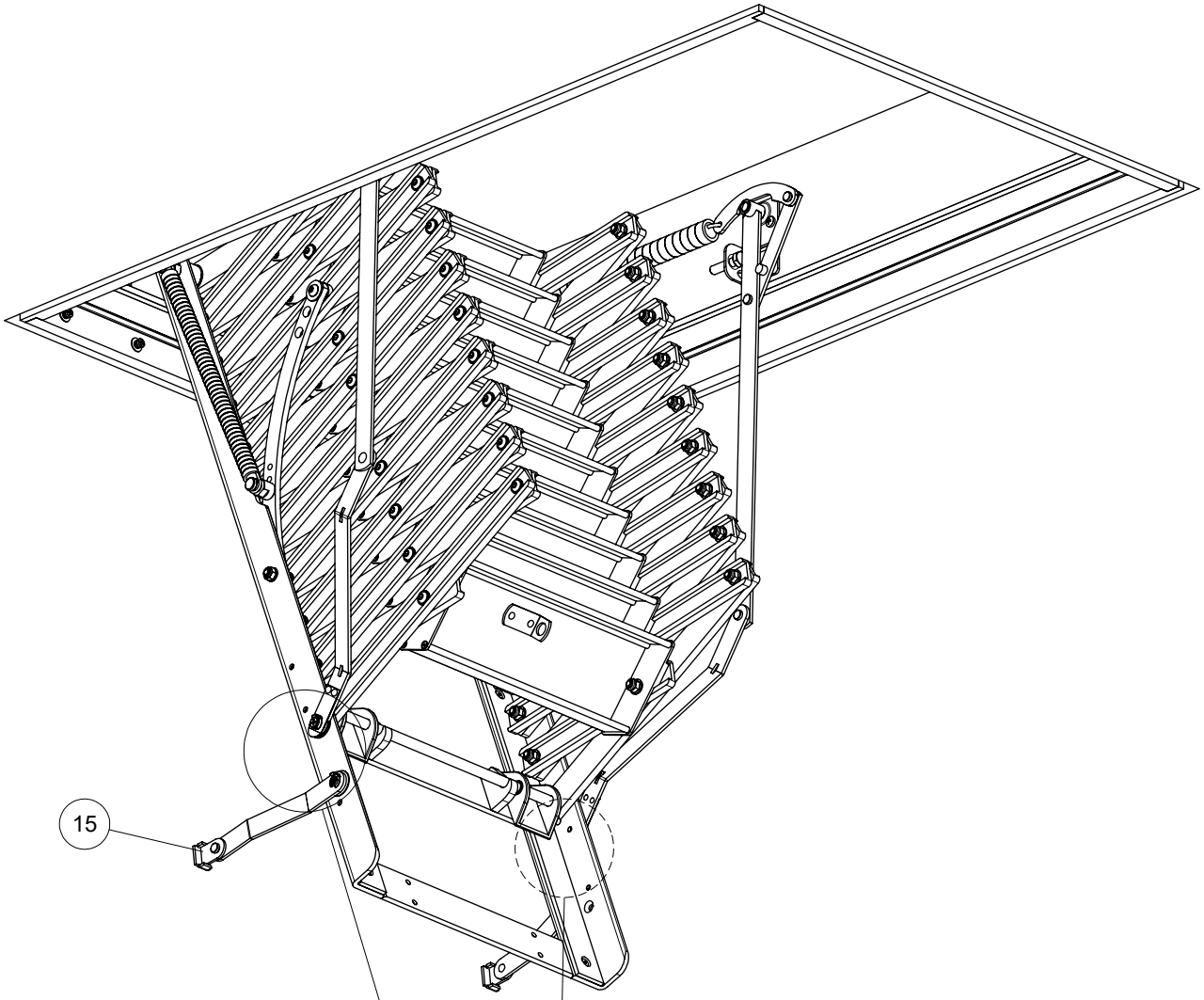


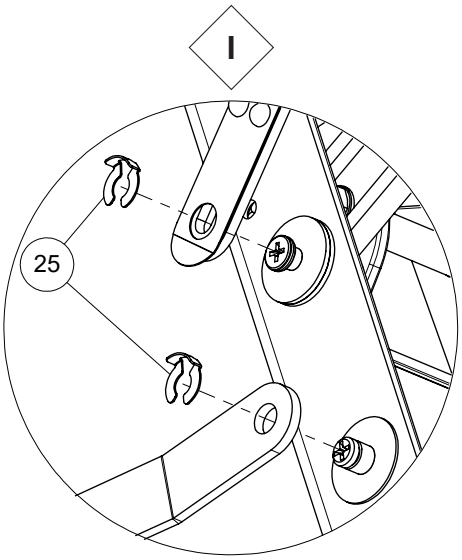
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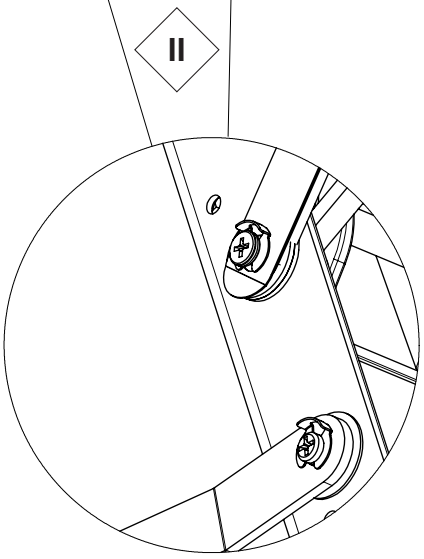


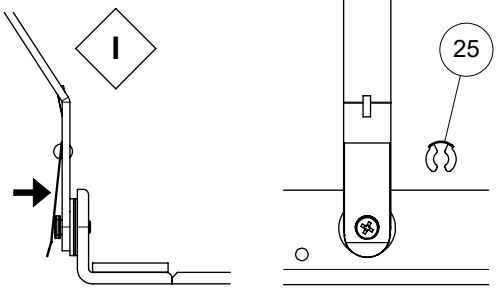


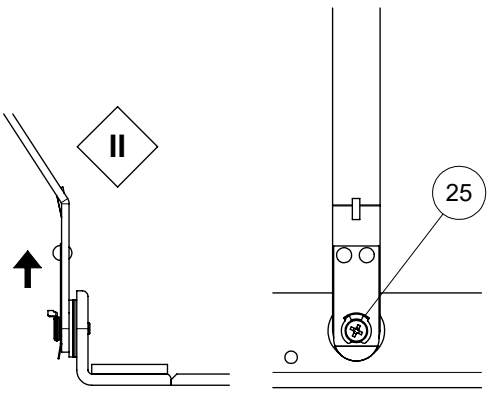
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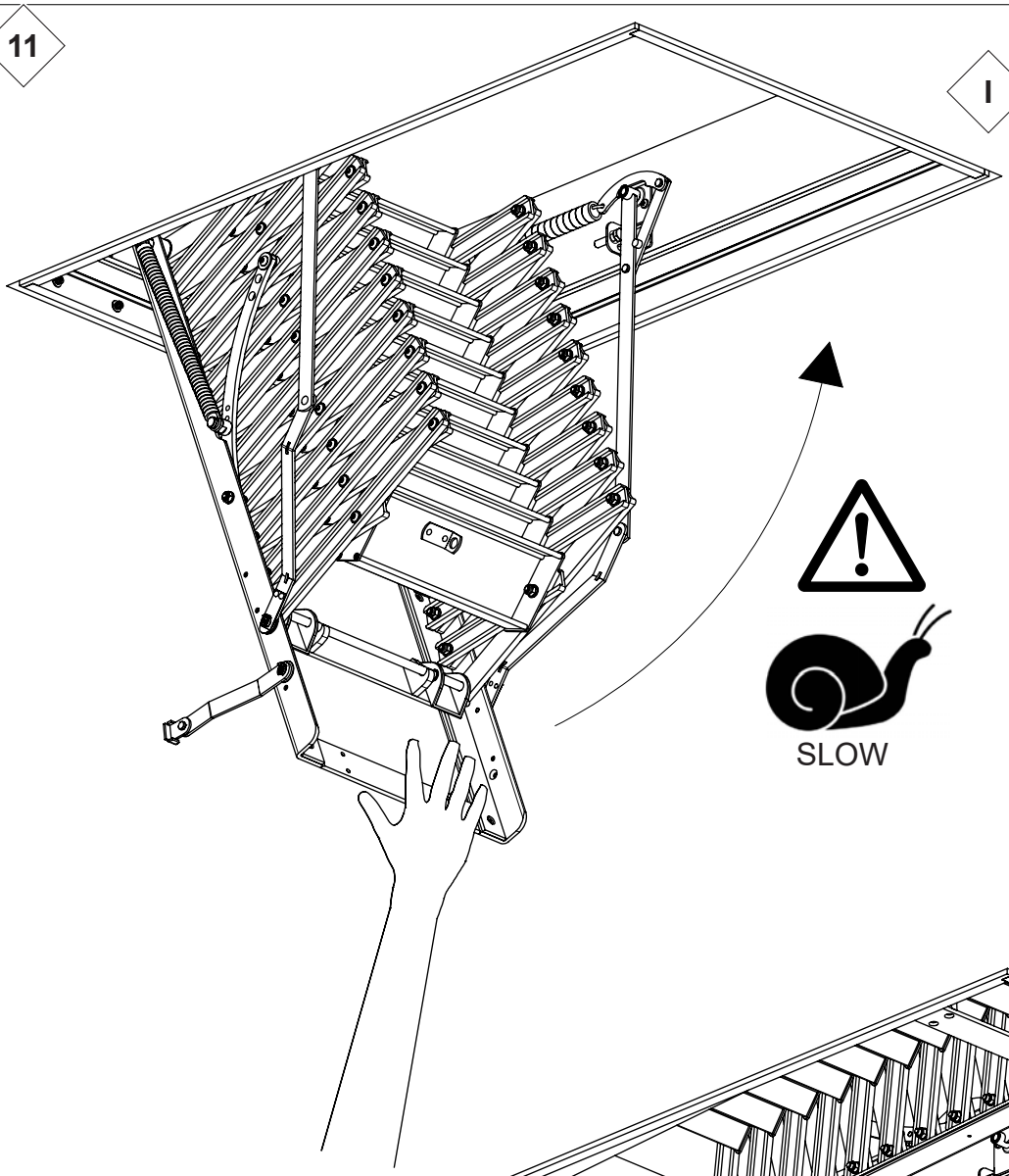




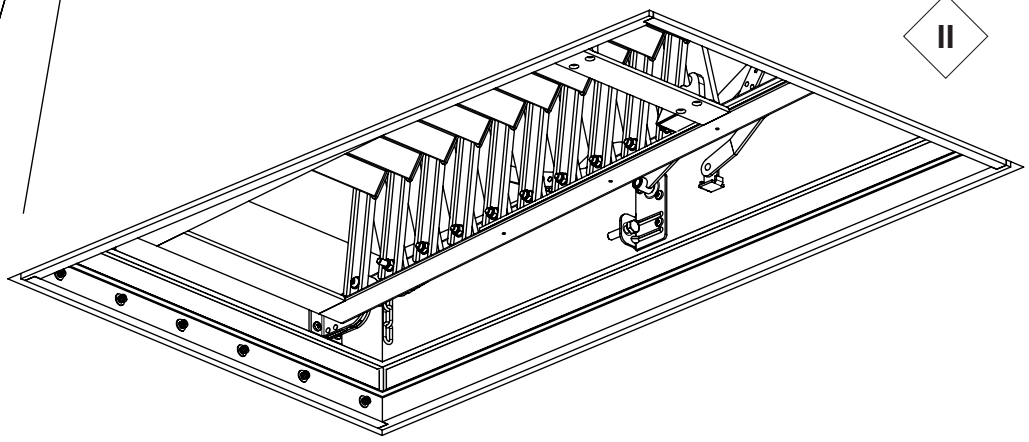


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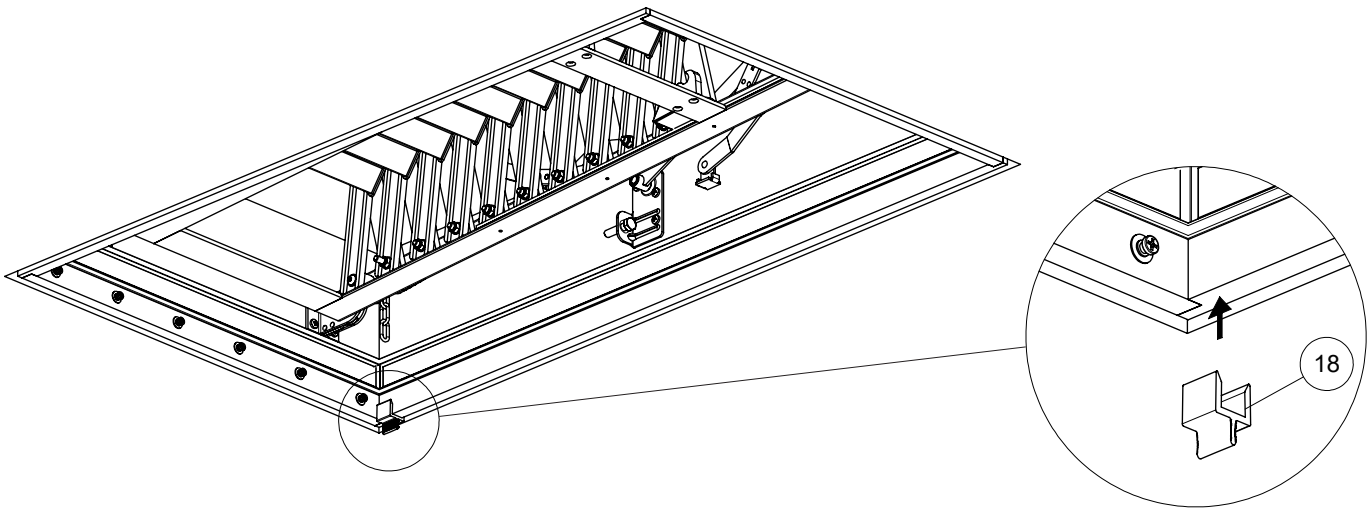
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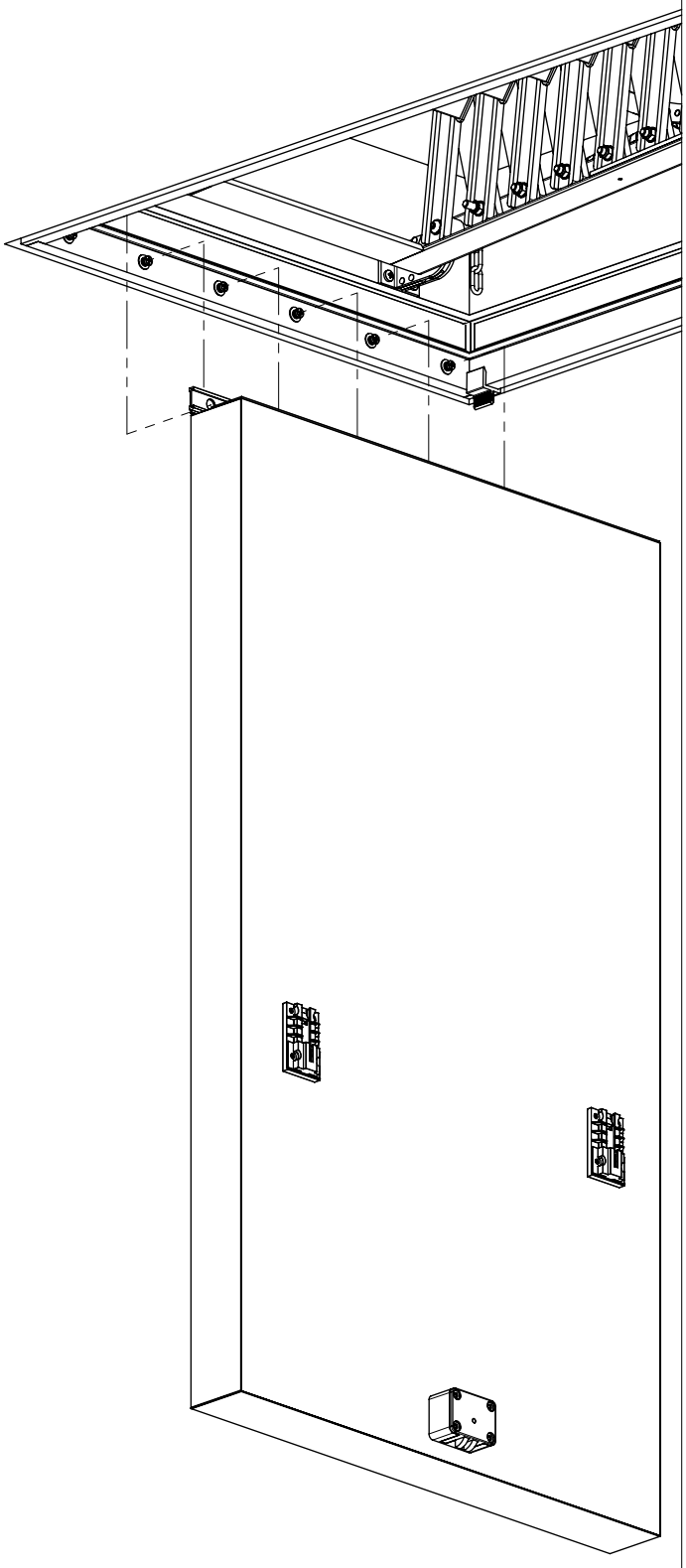
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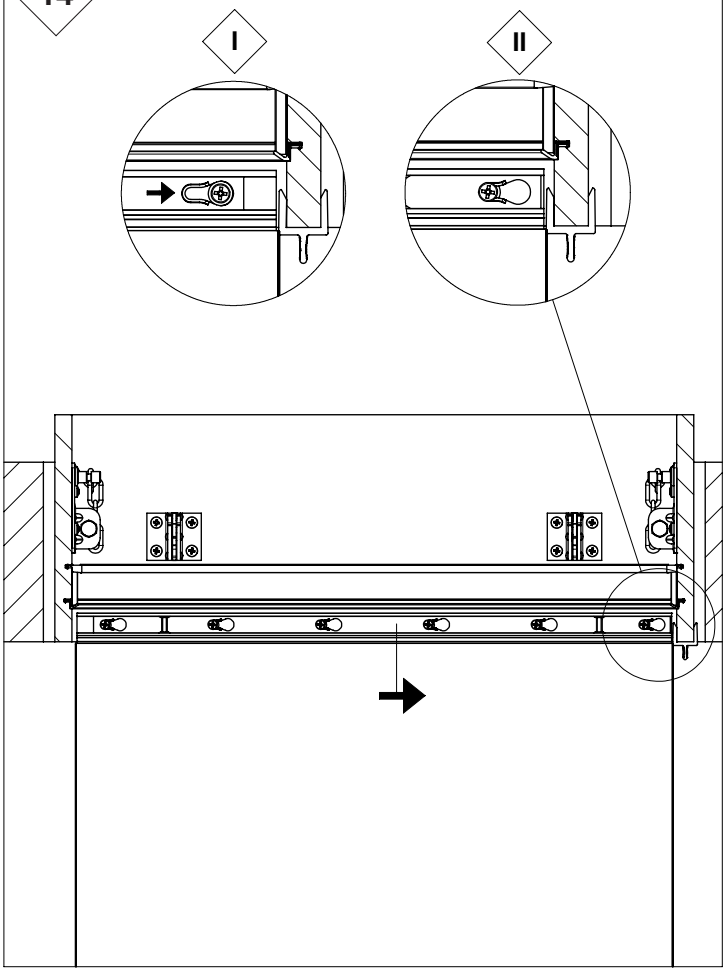
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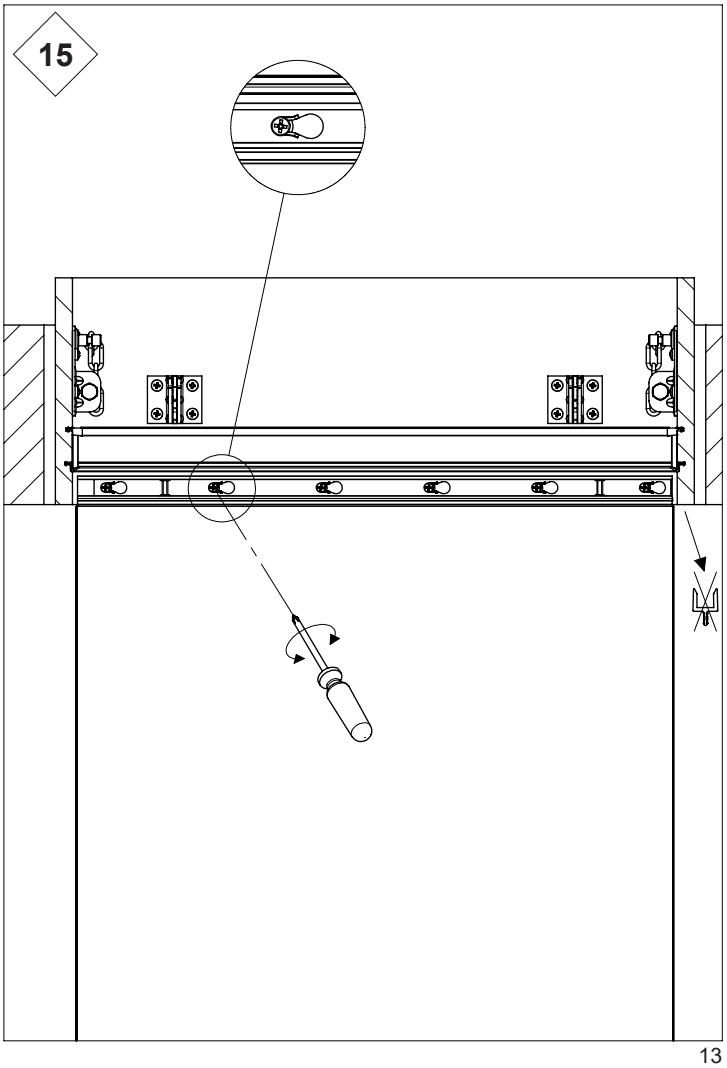
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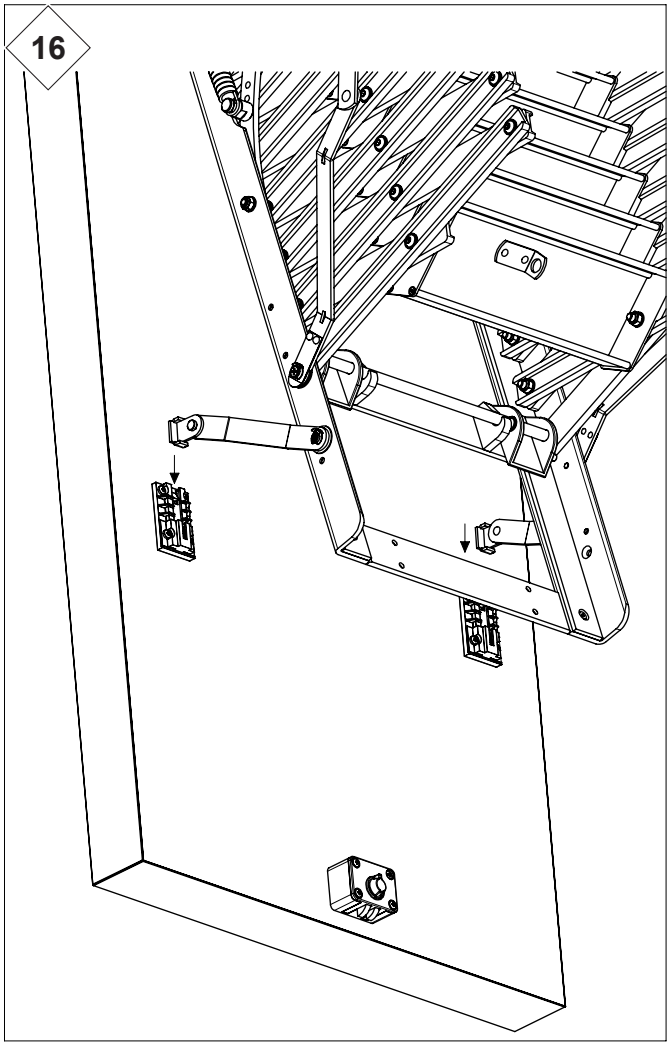
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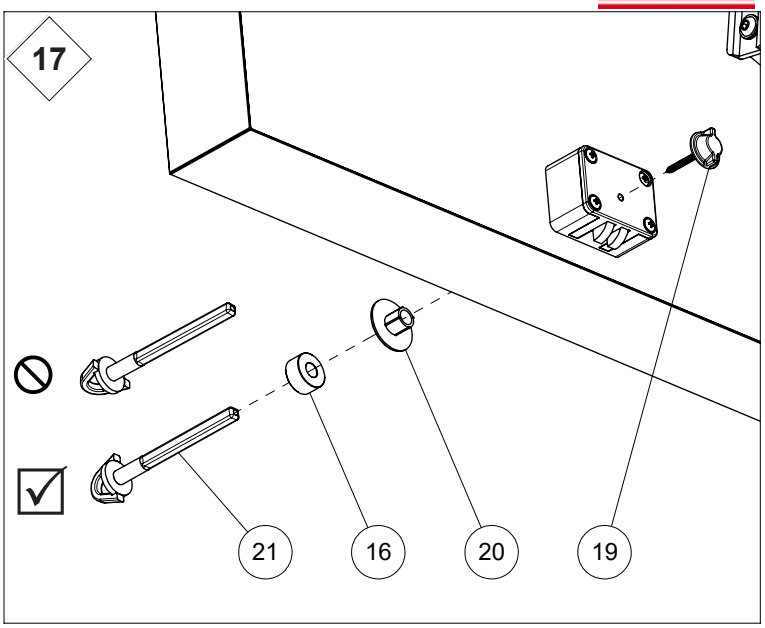
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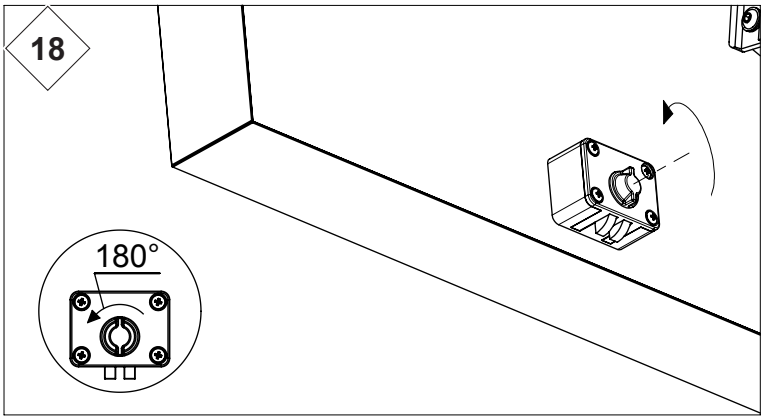
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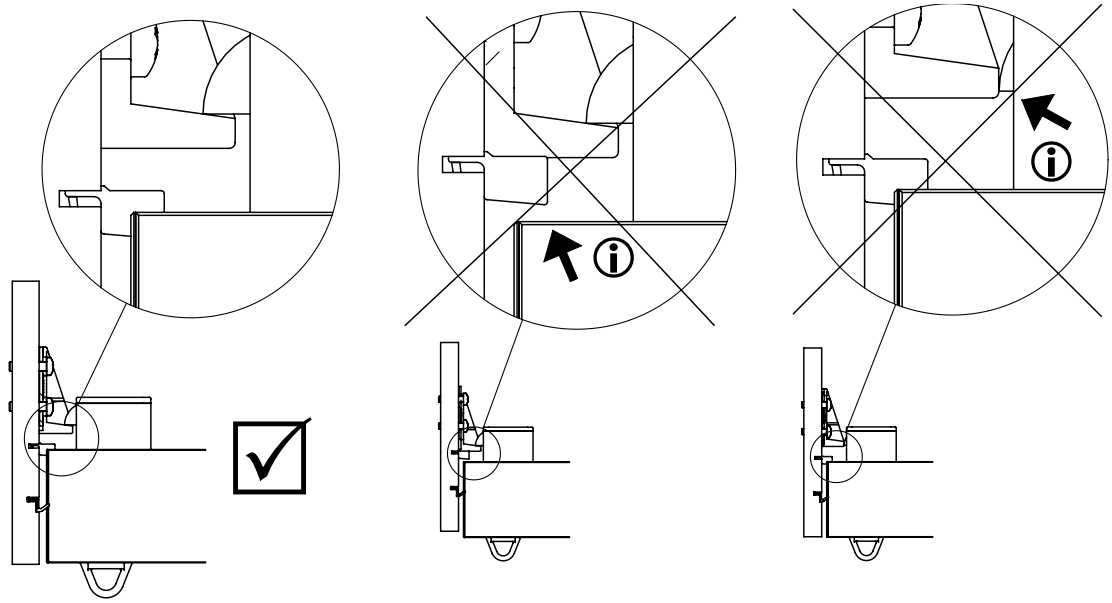
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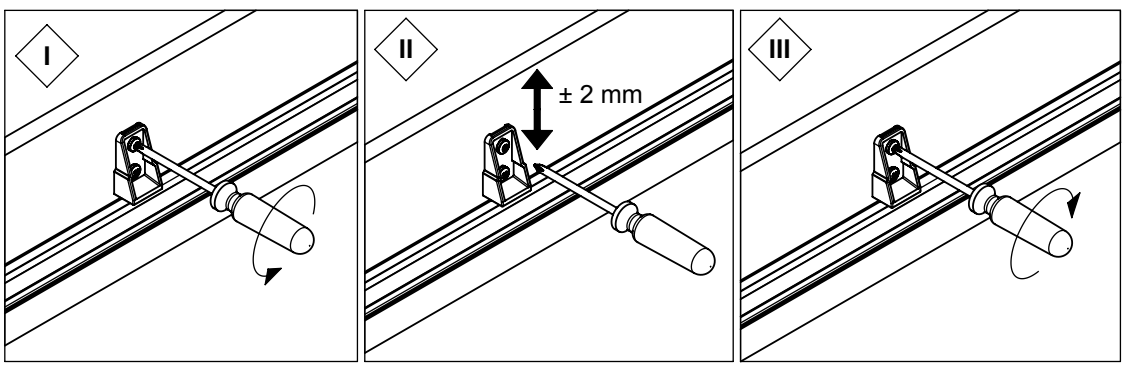


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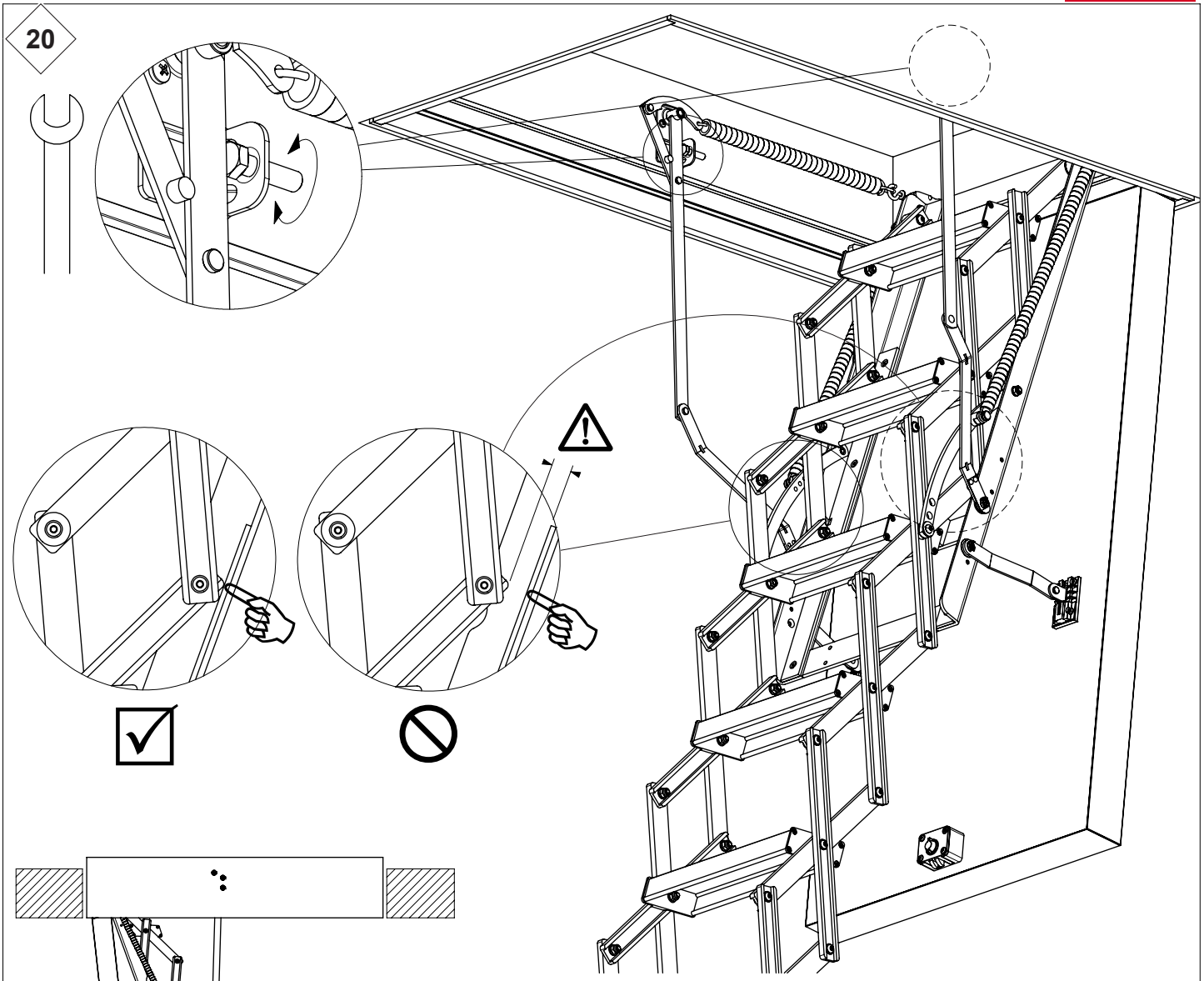


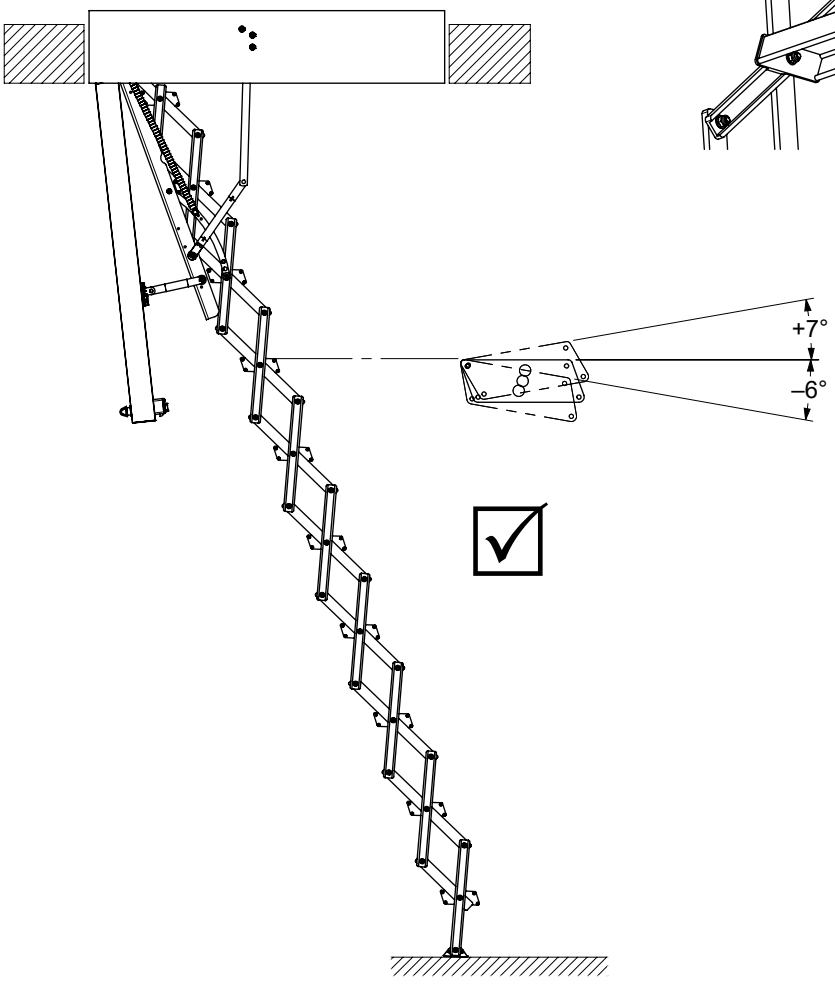
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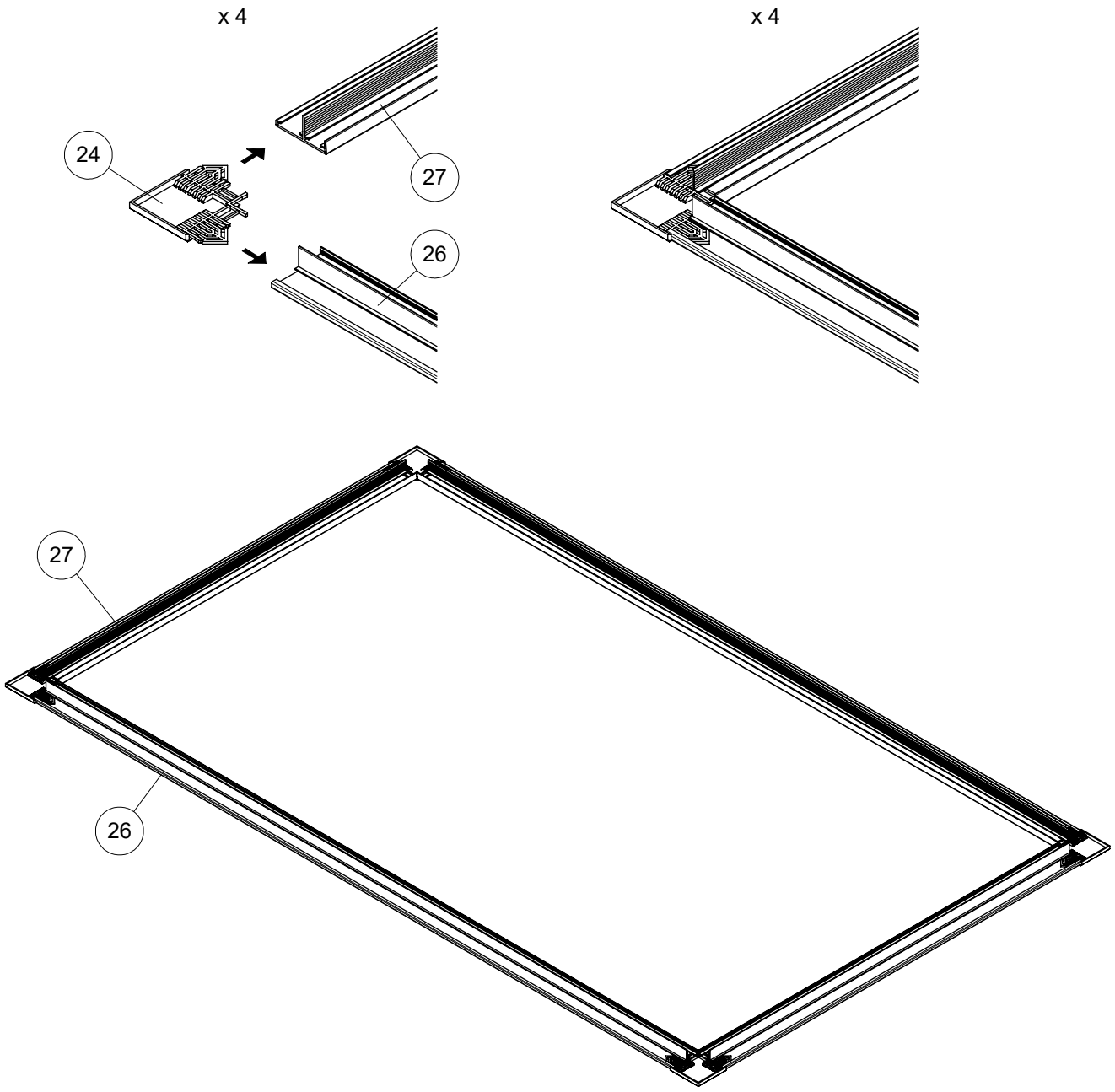


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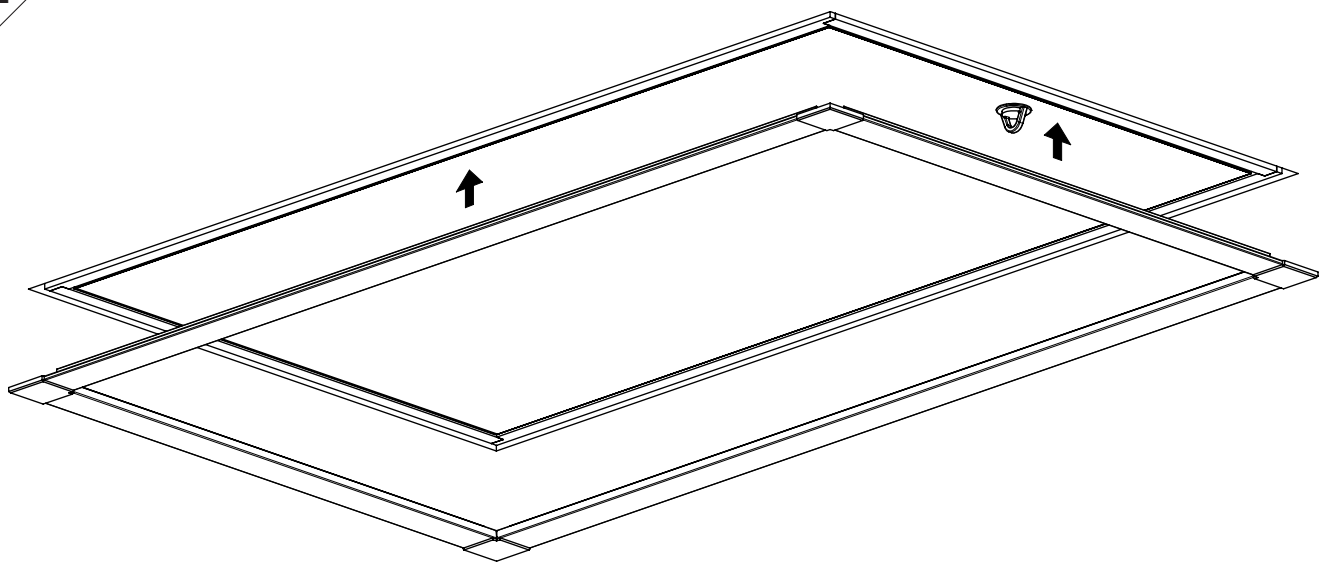




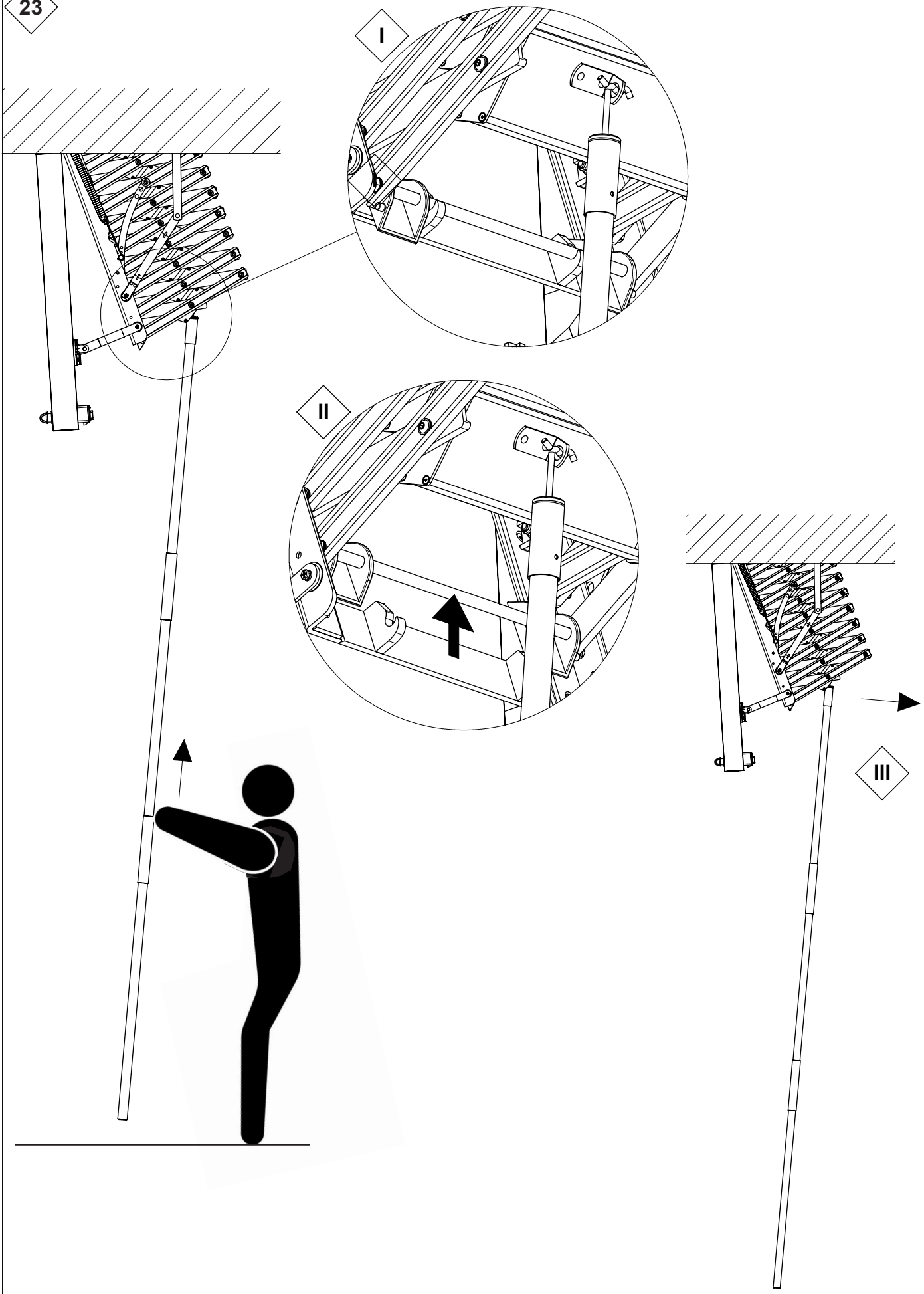
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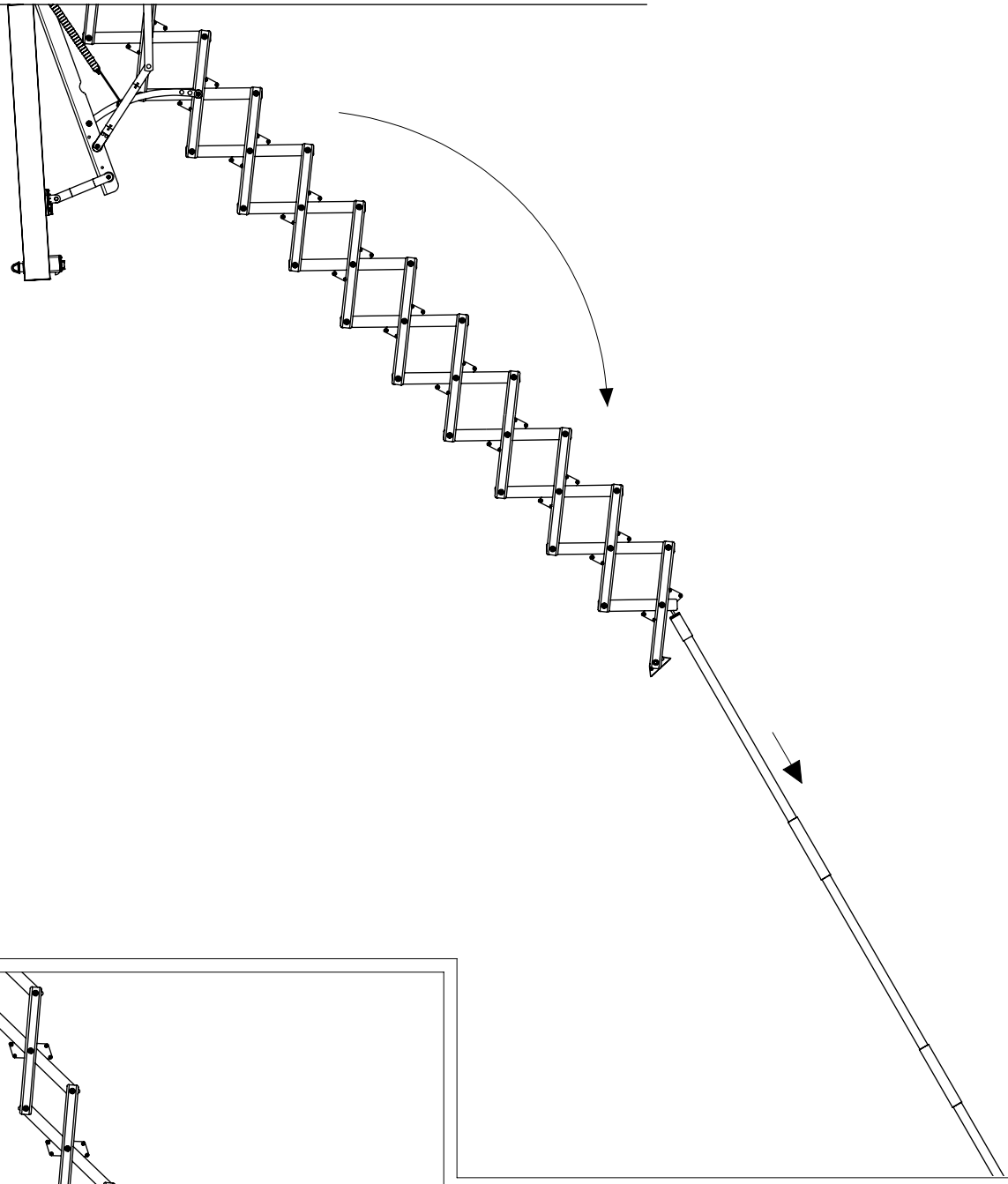
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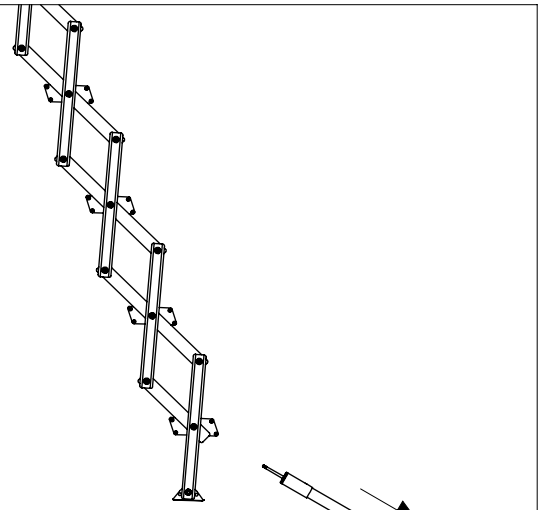
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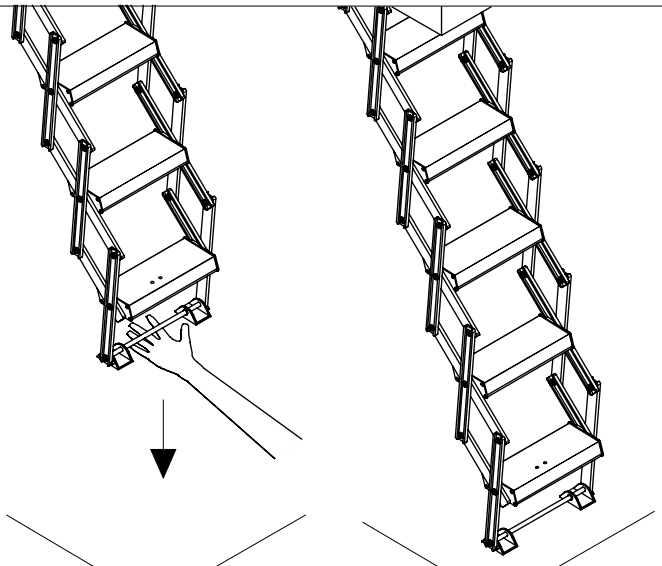
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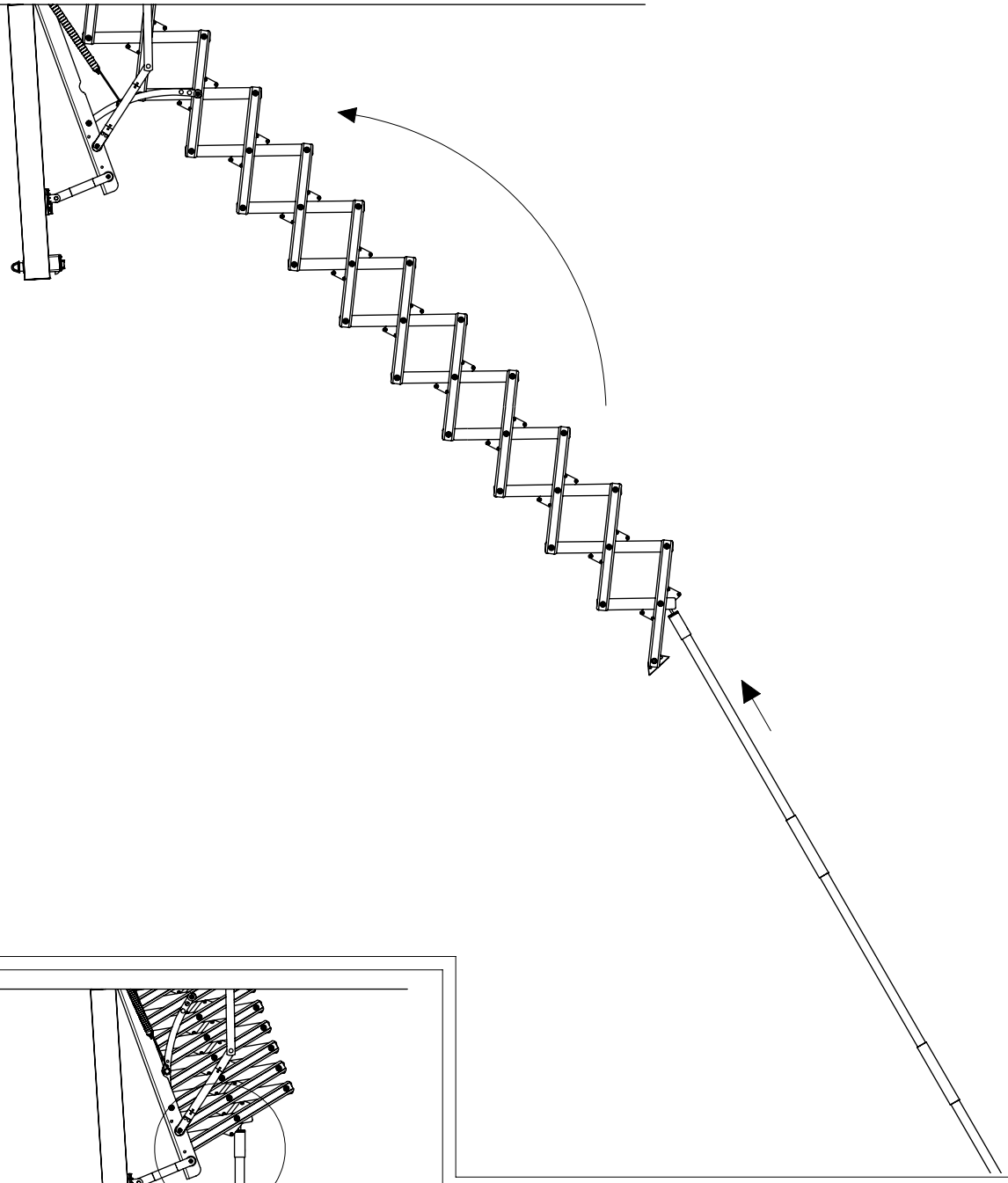
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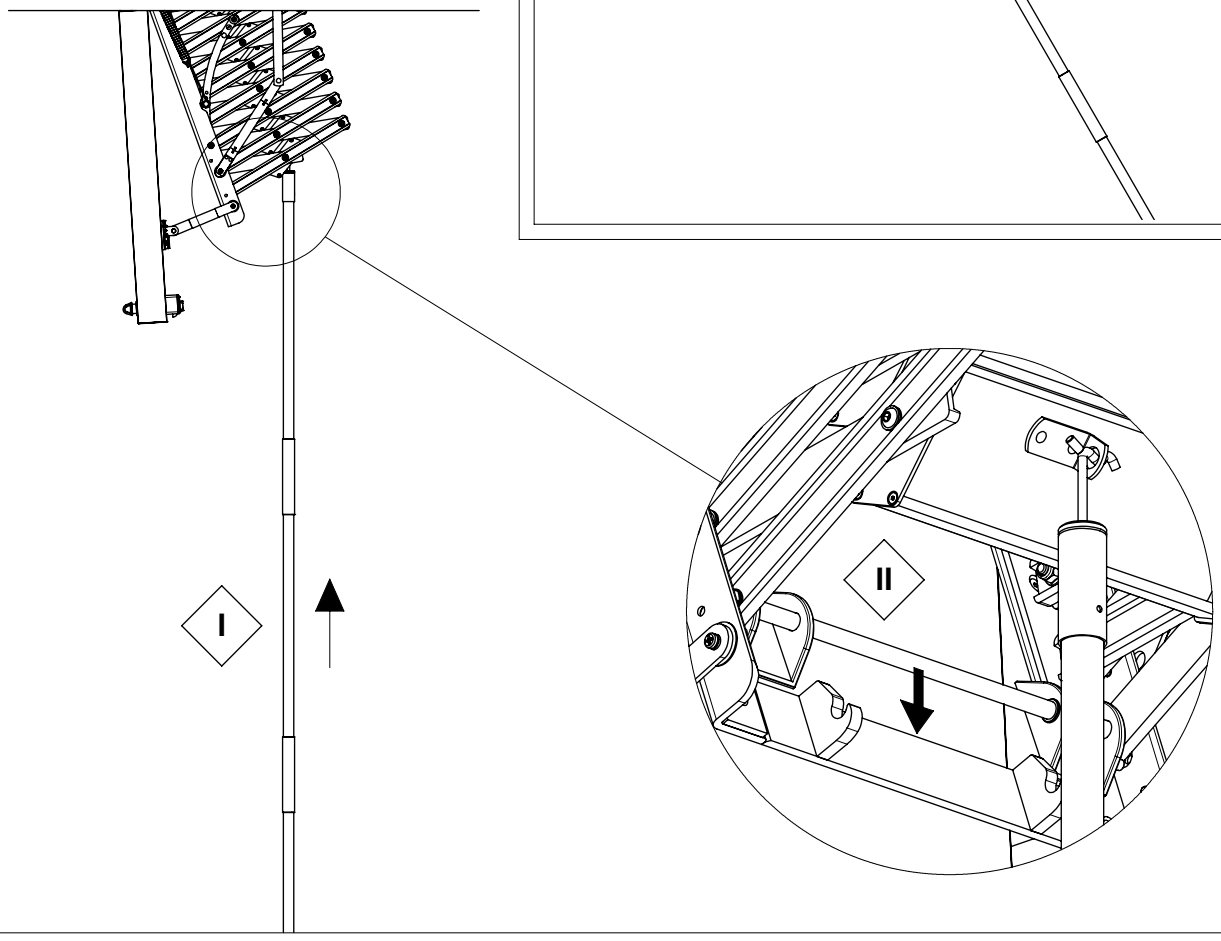
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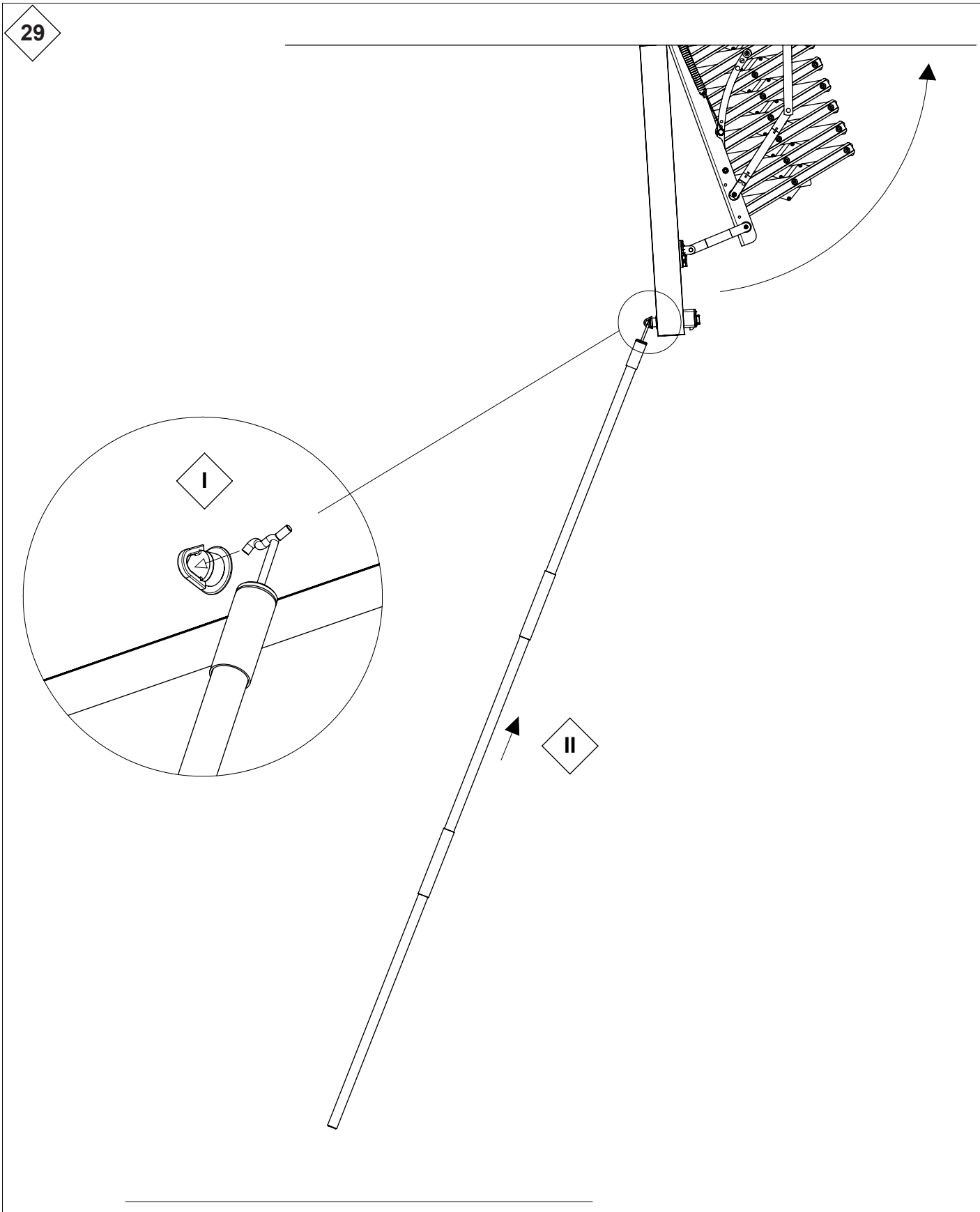
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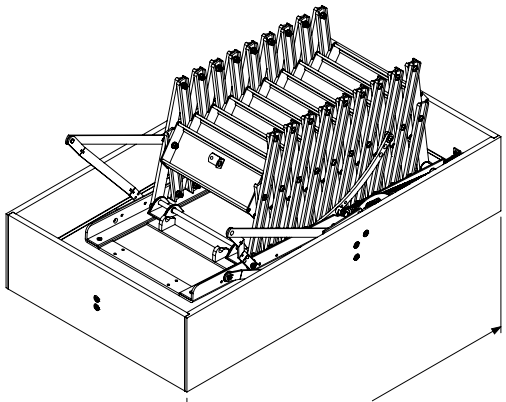


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x 1
K2-17353

40

x 4
K1-17315

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x 8
K3-02535
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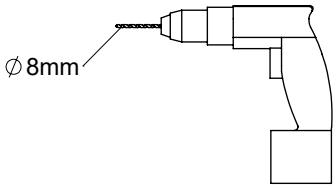


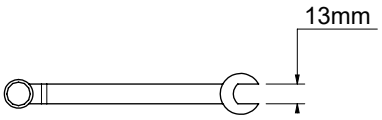
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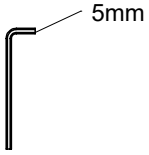
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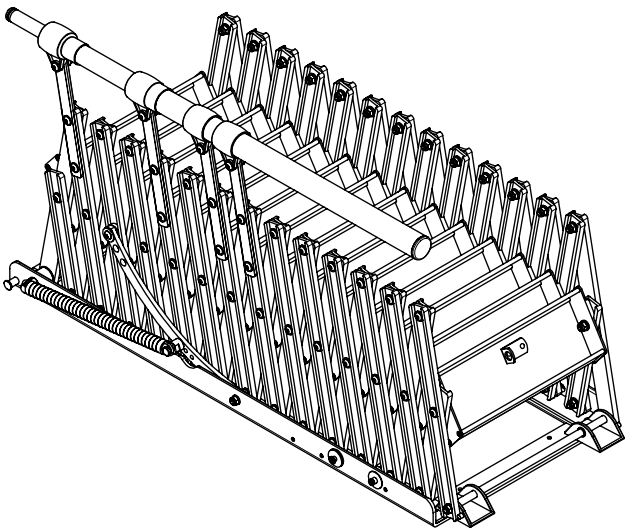
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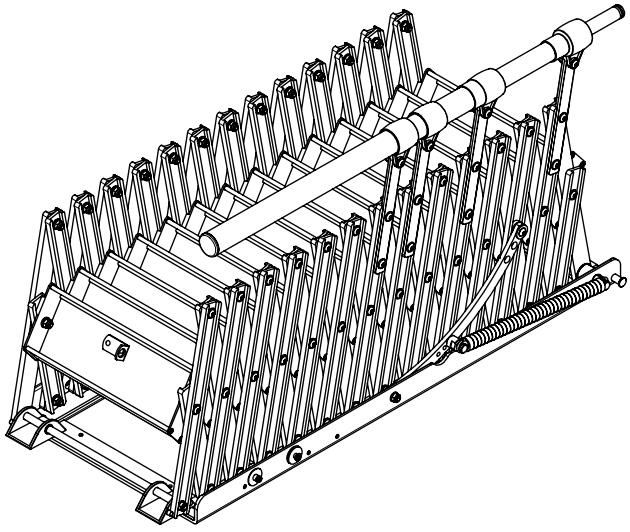




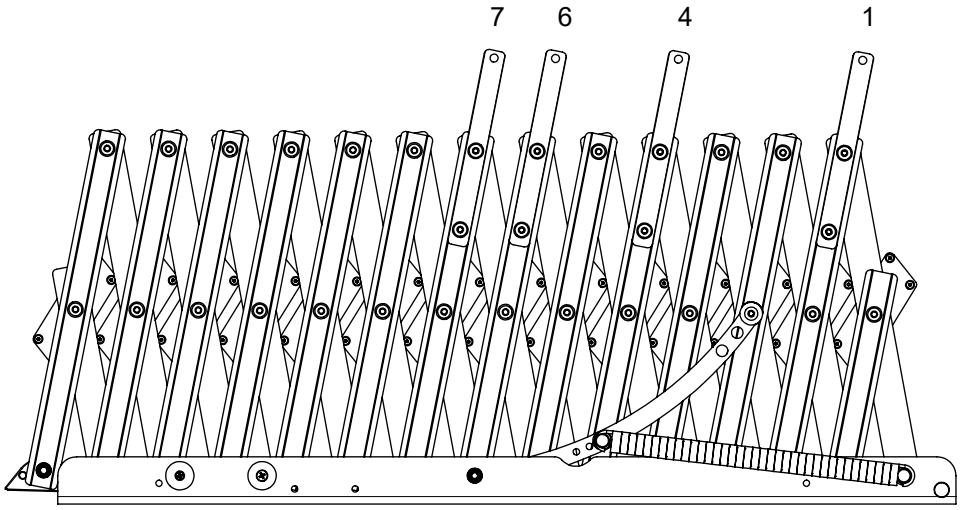
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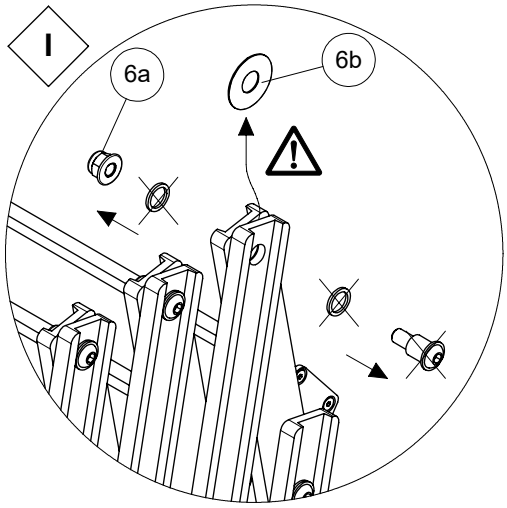
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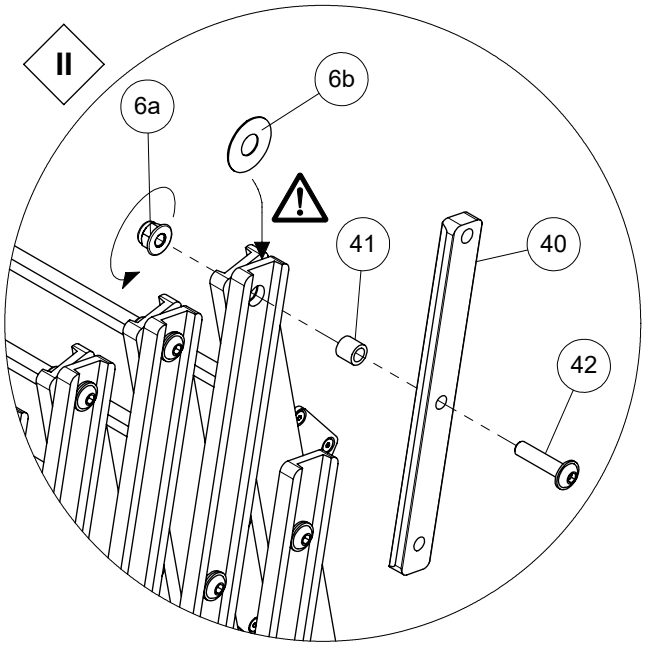
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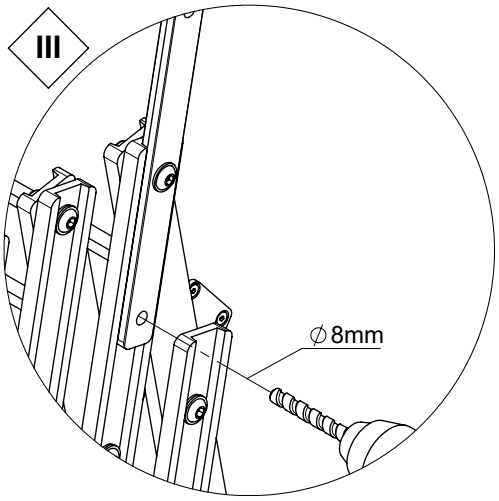
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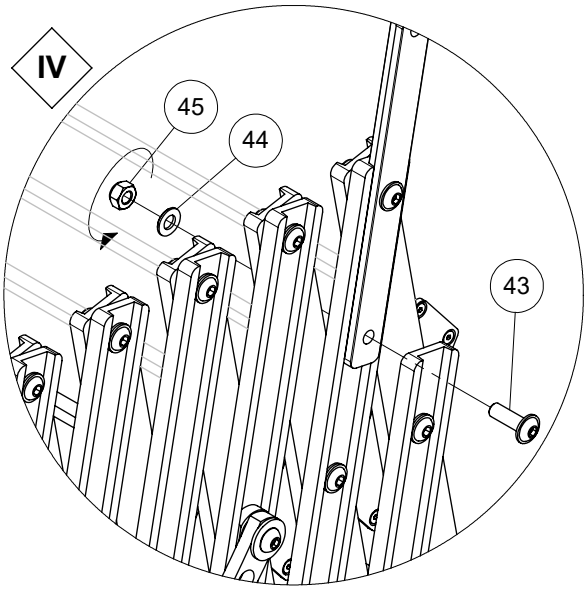
II



III



IV



2

