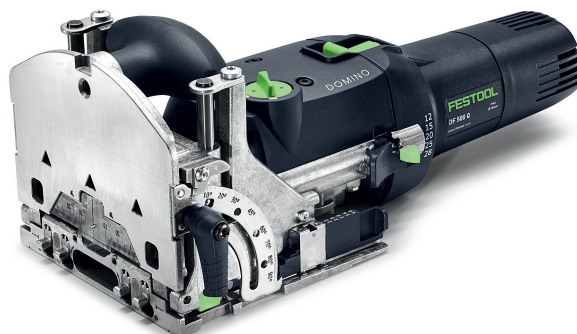


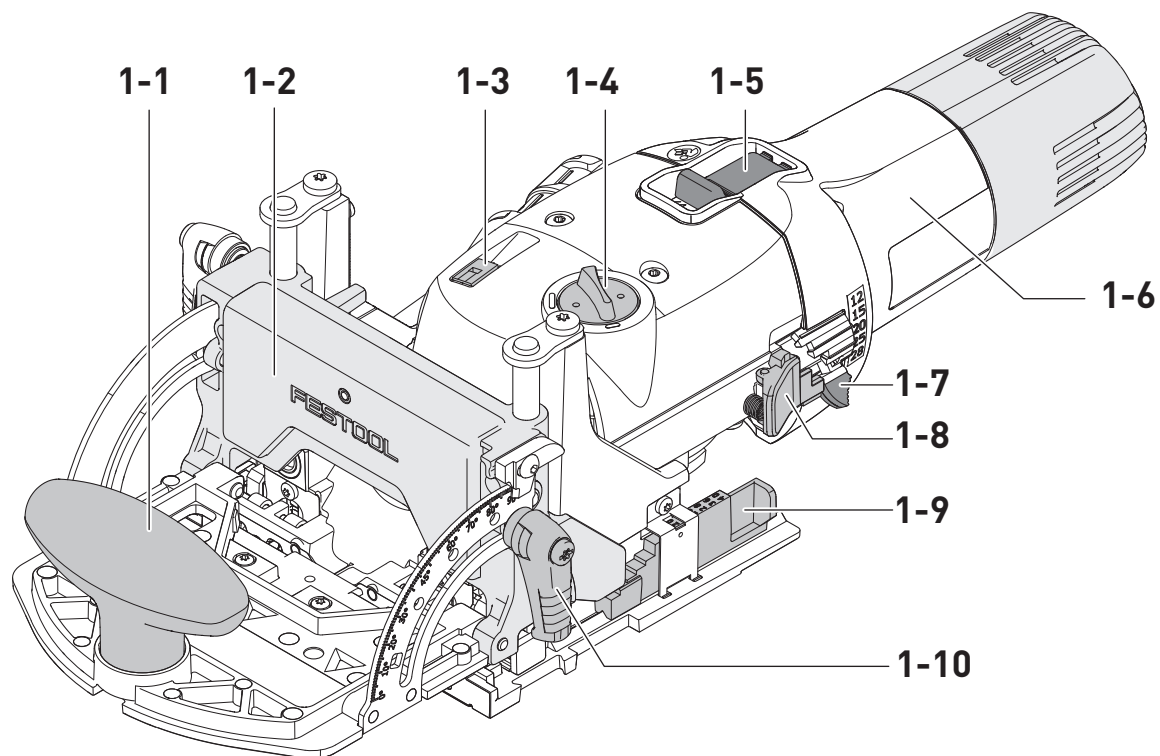
DOMINO DF 500 RQ



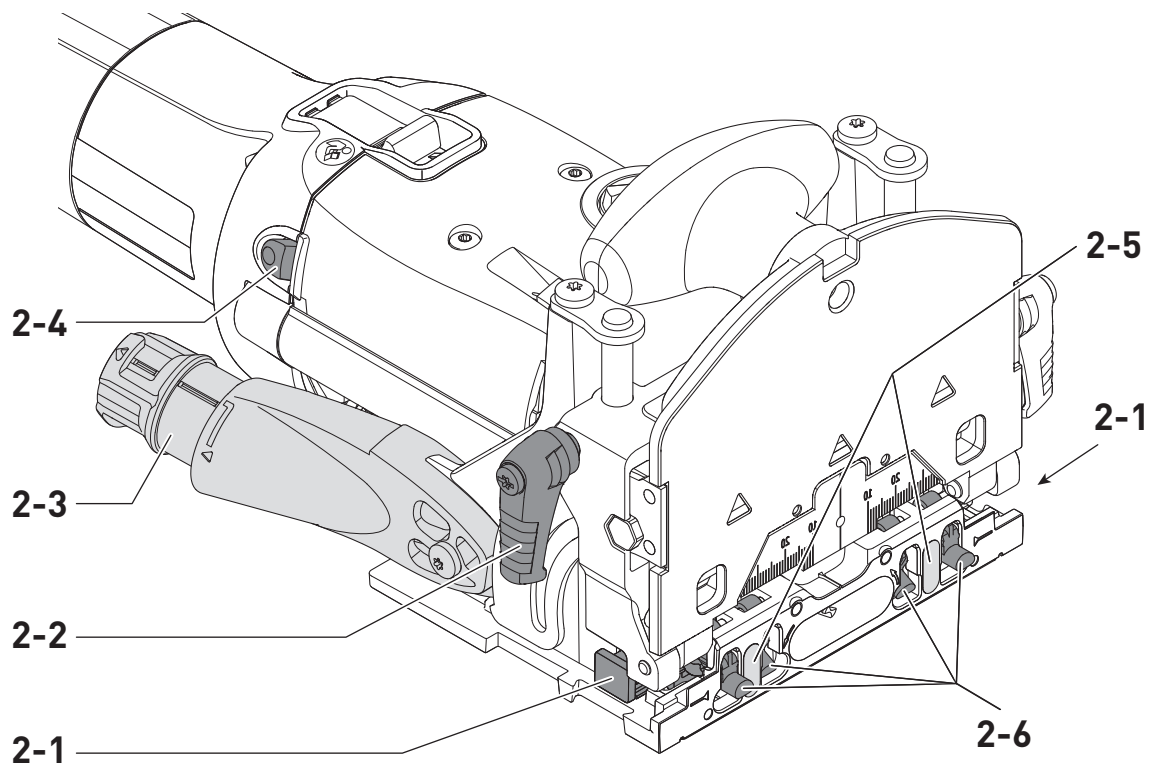
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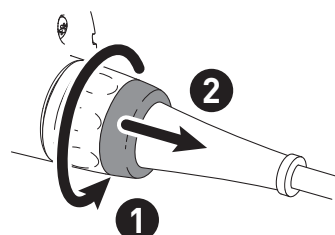
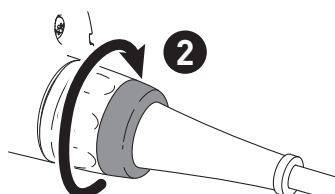
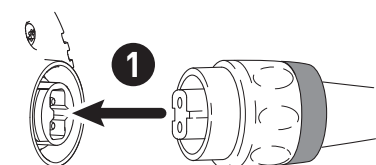
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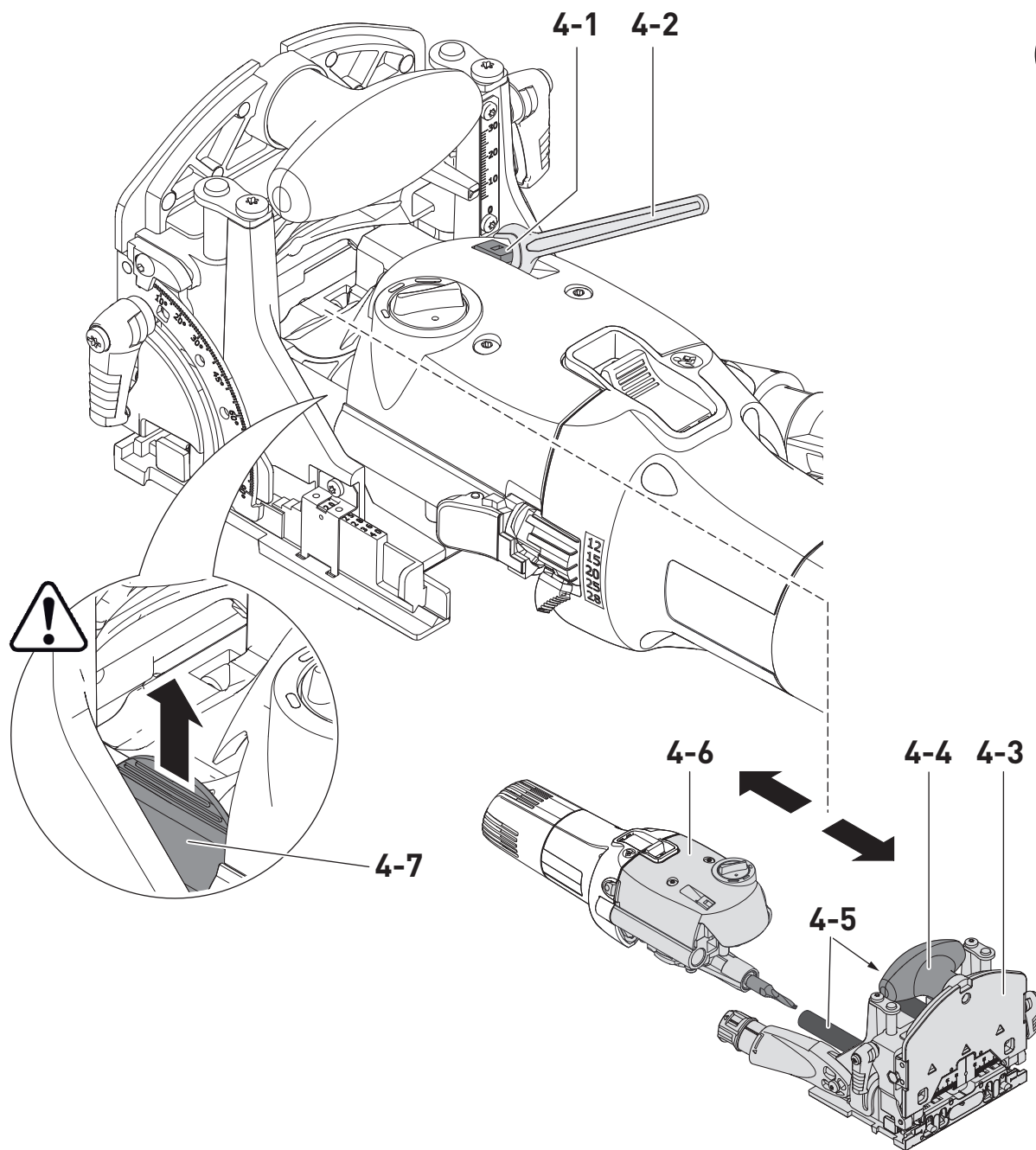
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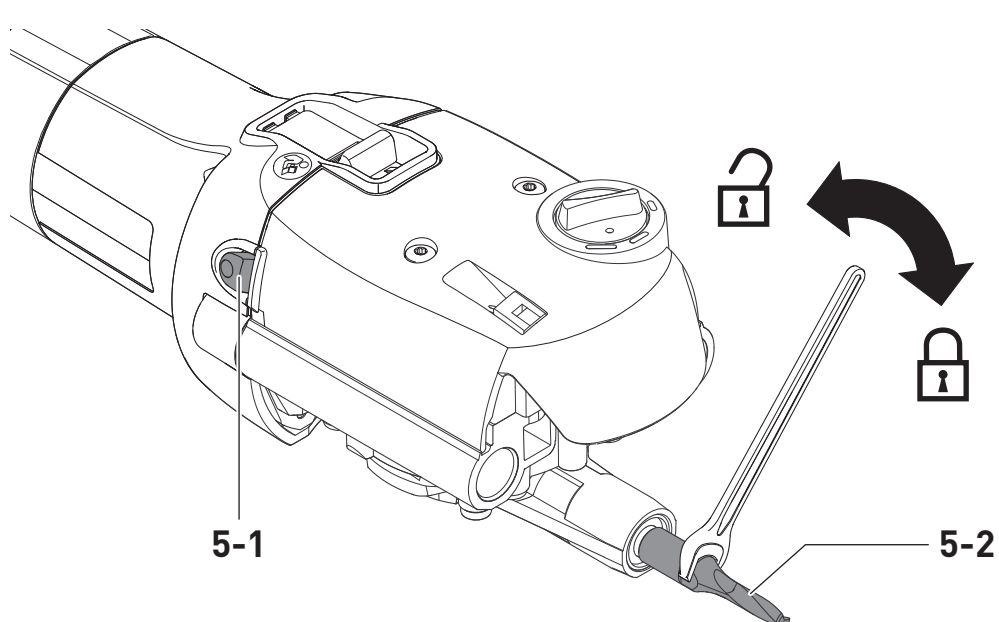
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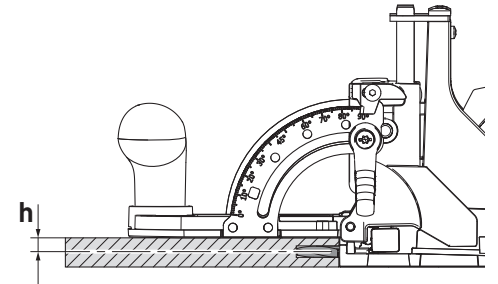
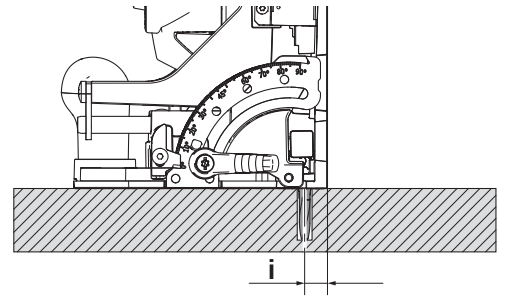
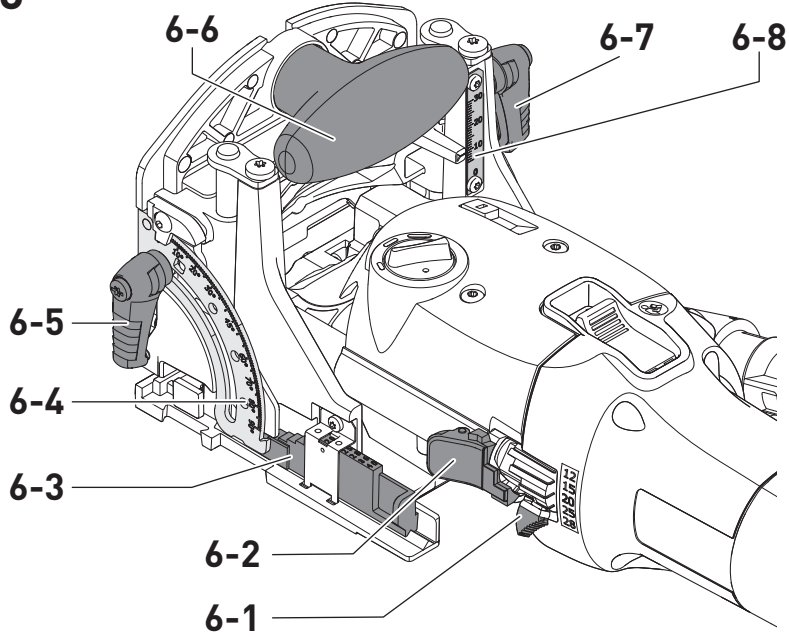
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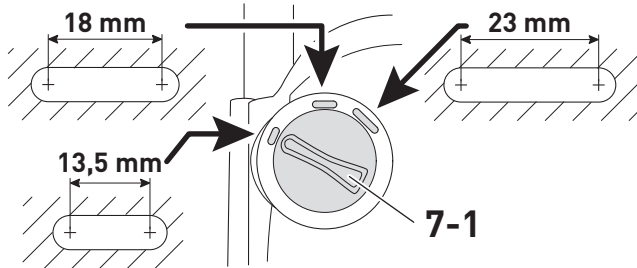
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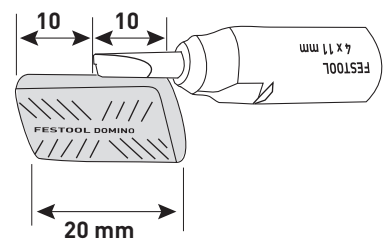


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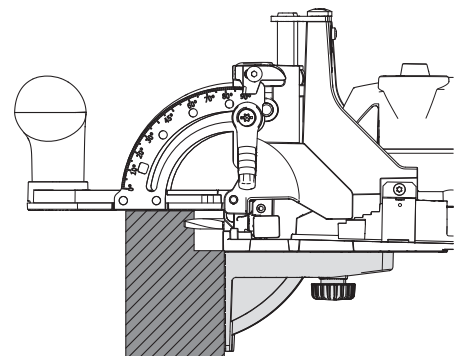
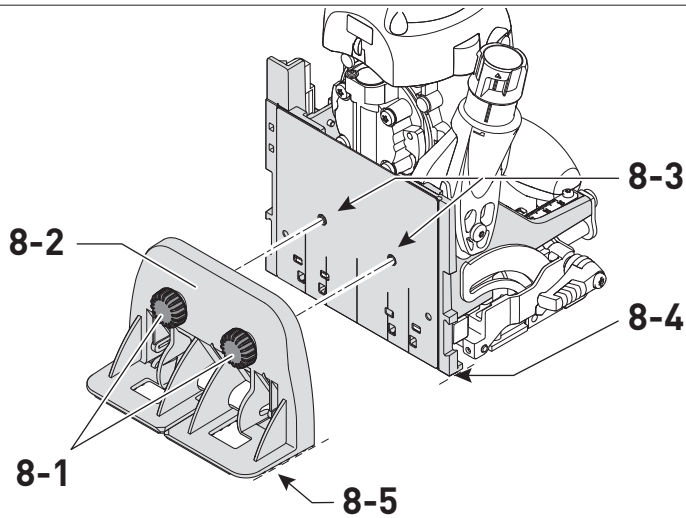


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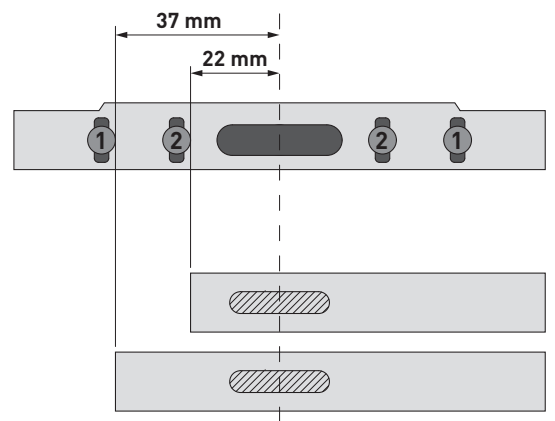
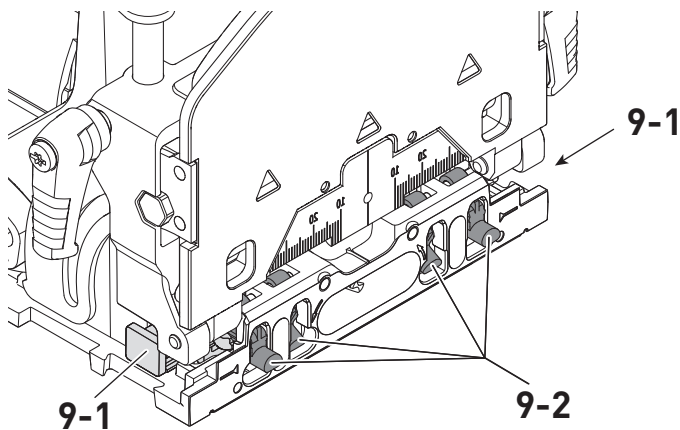
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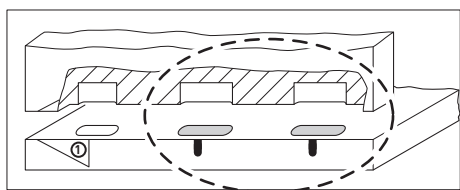
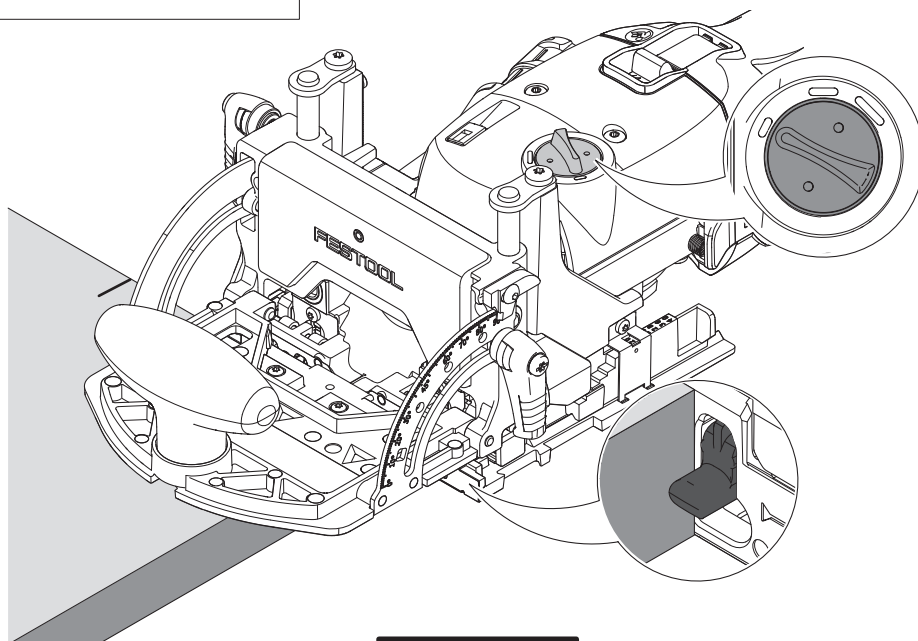
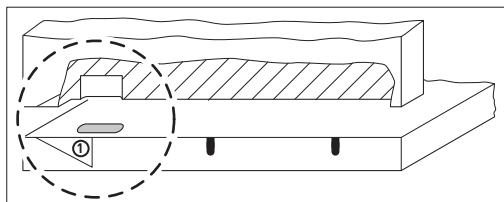
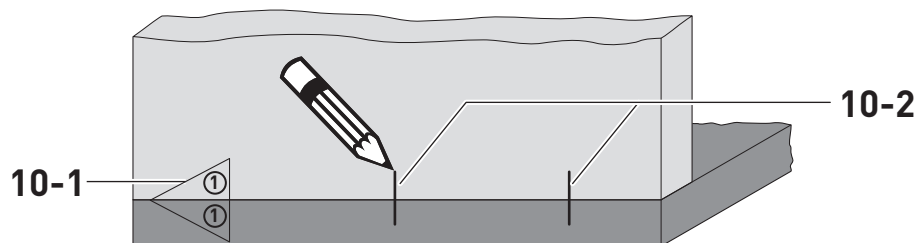
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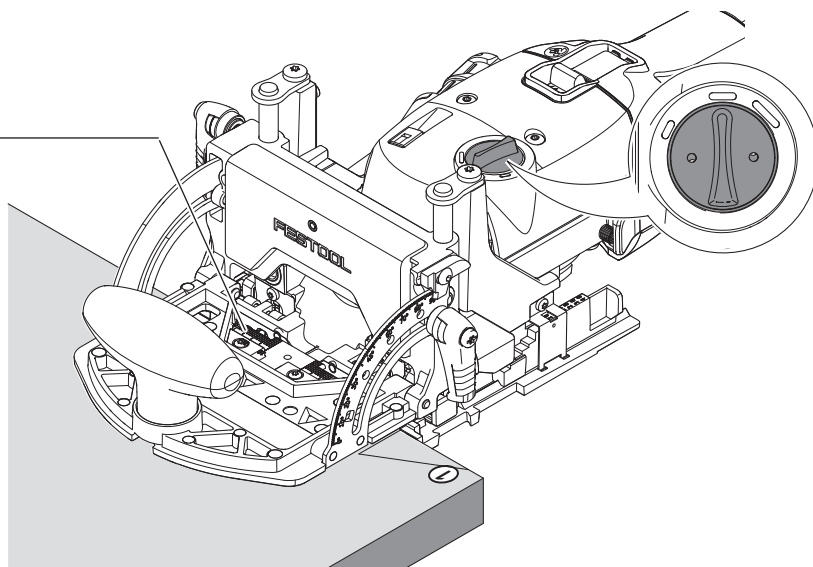
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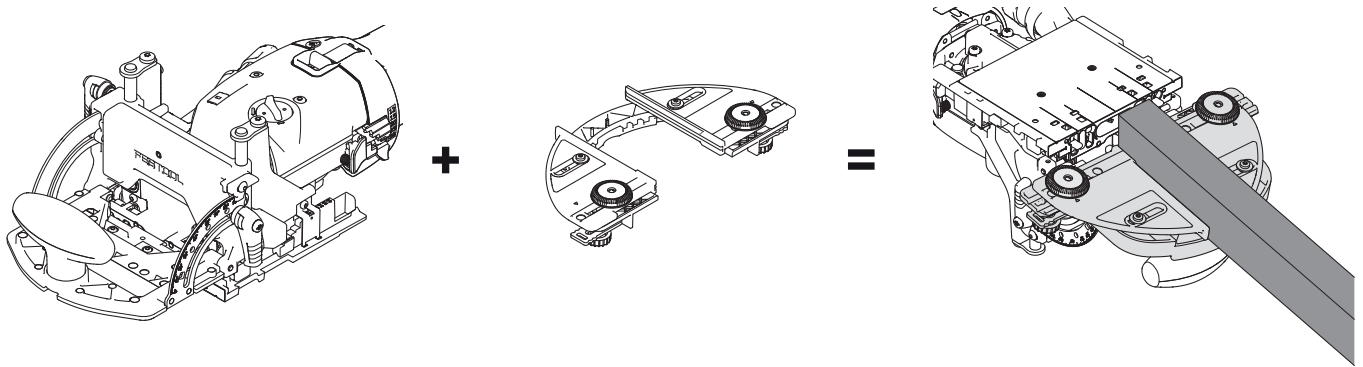


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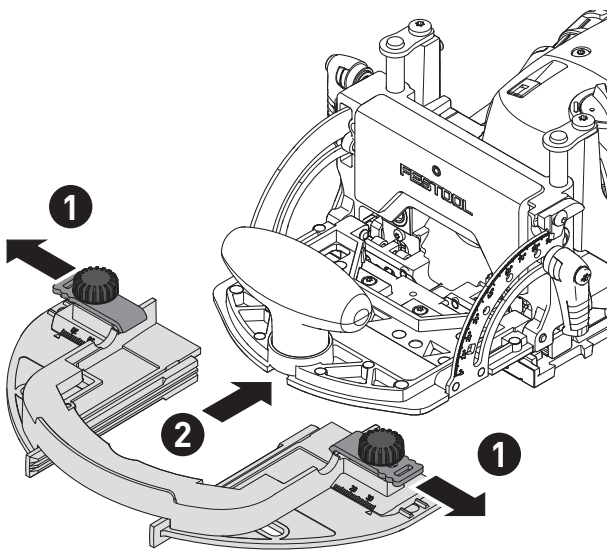


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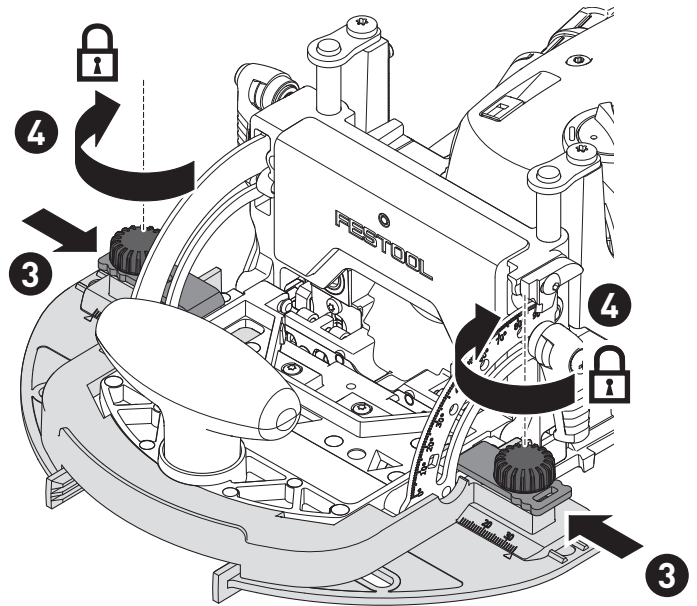




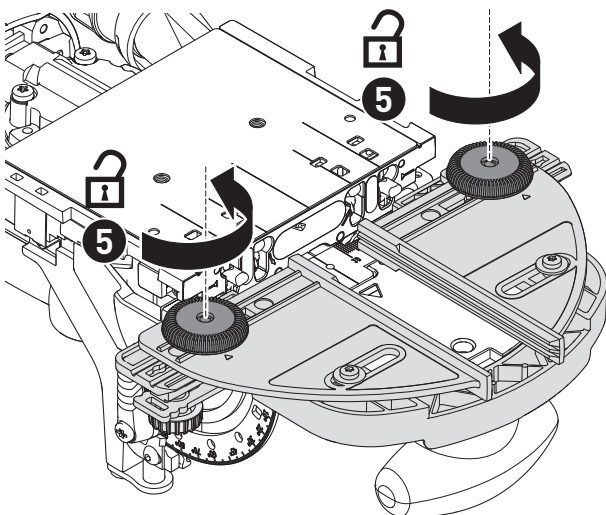
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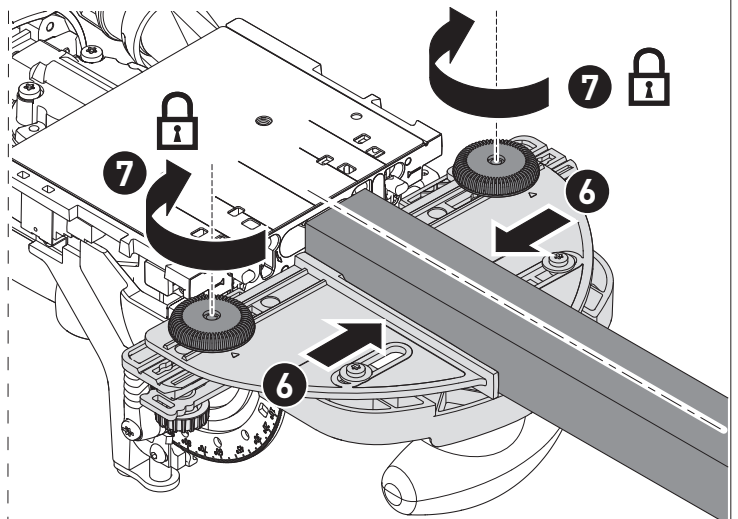
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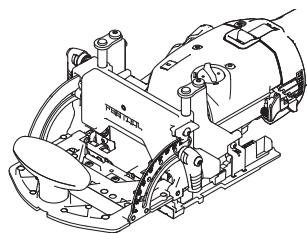
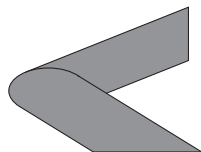


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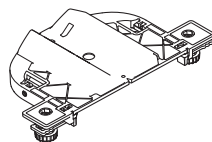
RA-DF 500/700



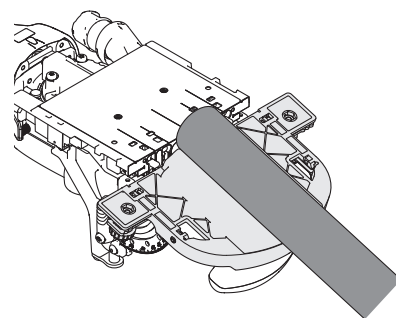
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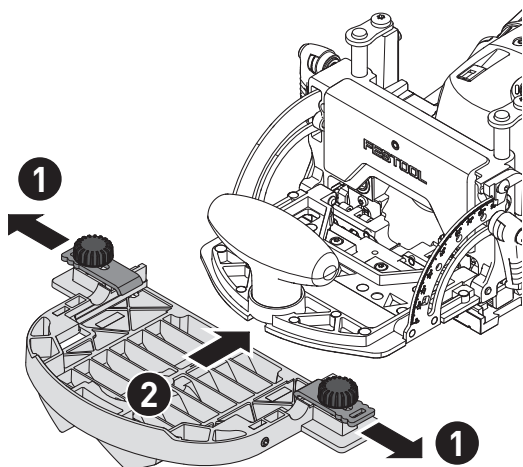
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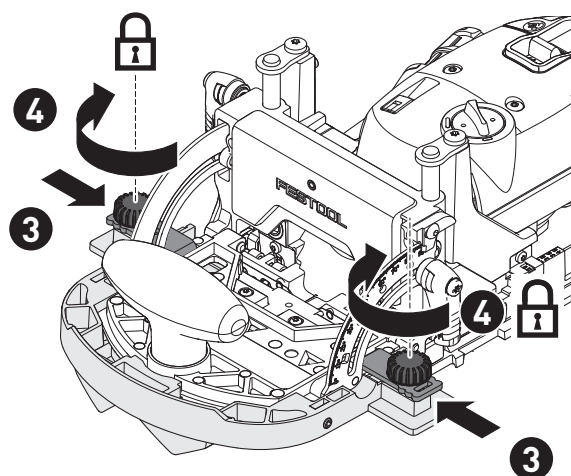
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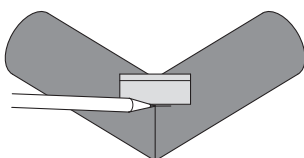
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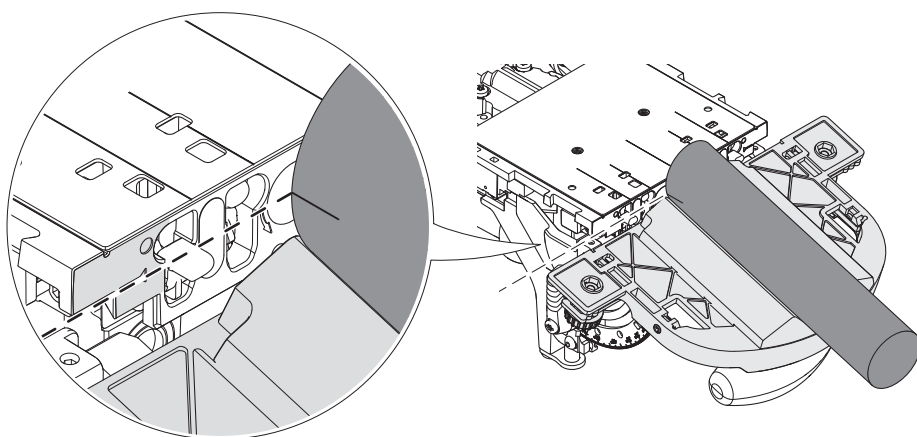
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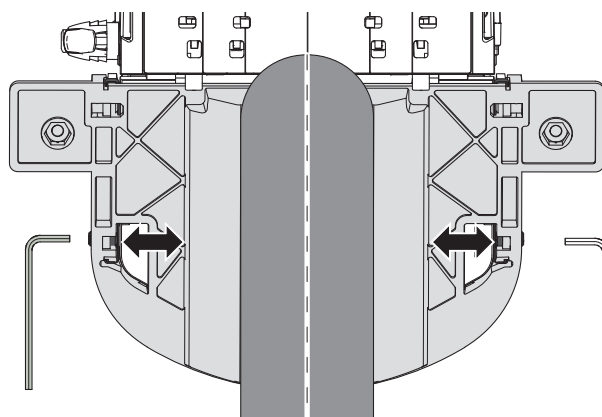
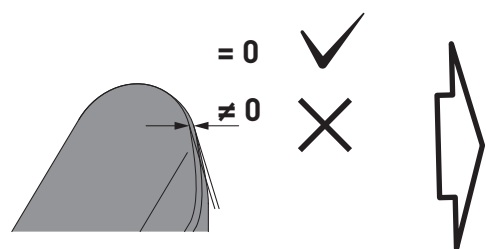
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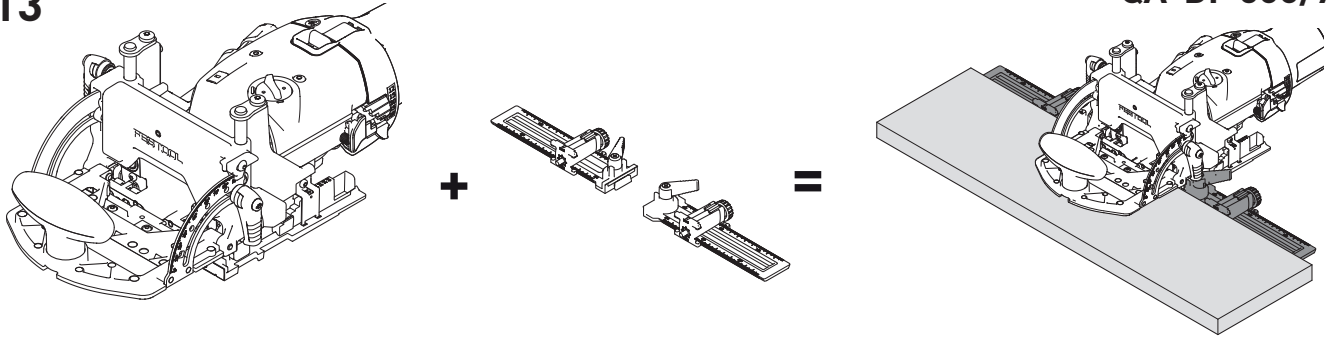


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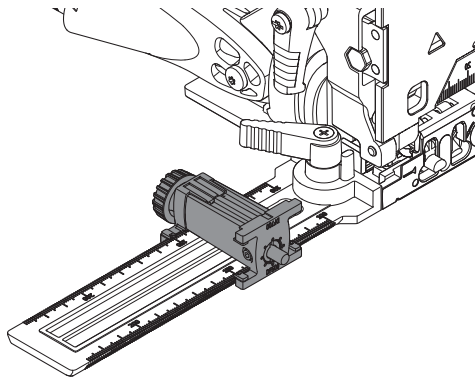


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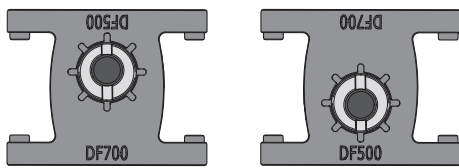
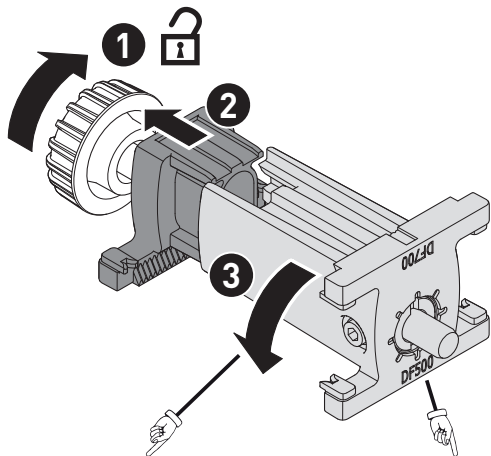
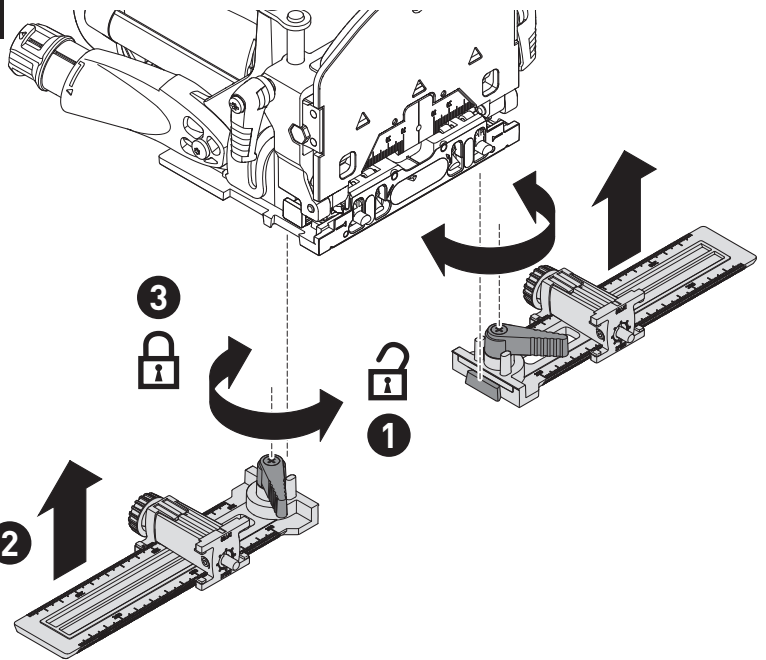
QA-DF 500/700



1



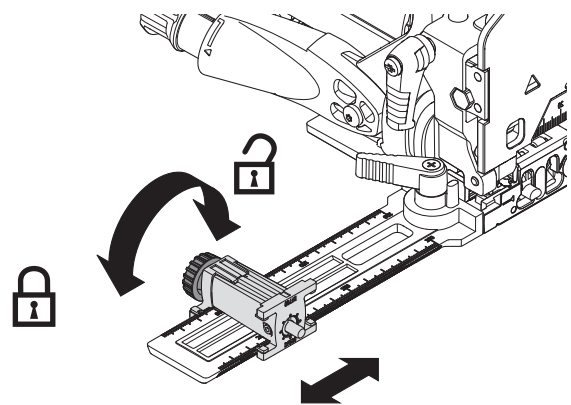
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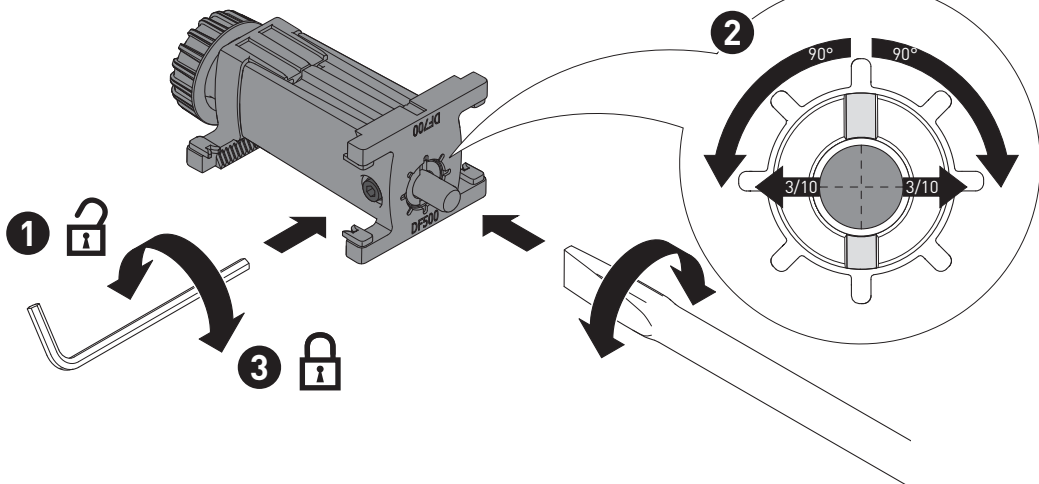
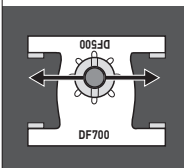
DF 700

DFC 500
DF 500

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4



de: EU-Konformitätserklärung. Wir erklären in alleiniger Verantwortung, dass dieses Produkt mit allen relevanten Anforderungen folgender EU-Richtlinien übereinstimmt, und folgende Normen oder normative Dokumente zugrunde gelegt wurden:

en: EU Declaration of Conformity. We declare under sole responsibility that this product complies with all the relevant requirements in the following EU Directives, and following standards or normative documents were applied:

fr: Déclaration de conformité de l'UE. Nous déclarons, sous notre seule responsabilité, que ce produit satisfait à toutes les exigences pertinentes des directives UE suivantes et repose sur les normes ou documents normatifs suivants:

es: Declaración UE de conformidad. Declaramos bajo nuestra responsabilidad que este producto cumple todos los requisitos relevantes de las siguientes directivas de la UE y que se han tomado como base las siguientes normas o documentos normativos:

bg: ЕС декларация за съответствие. Ние заявяваме на собствена отговорност, че настоящият продукт съответства на всички релевантни изисквания на следните Директиви на ЕС и следните стандарти и нормативни документи са взети под внимание:

cs: Prohlášení o shodě EU. Prohlašujeme s veškerou odpovědností, že tento výrobek splňuje všechny příslušné požadavky následujících směrnic EU a že byly použity následující normy nebo normativní dokumenty:

da: EU-overensstemmelseserklæring. Vi erklærer med eneansvar, at dette produkt er i overensstemmelse med alle relevante krav i følgende EU-direktiver, og at følgende standarder eller normative dokumenter danner grundlag for det:

el: Δήλωση συμμόρφωσης ΕΕ. Δηλώνουμε με αποκλειστική μας ευθύνη, ότι αυτό το προϊόν συμμορφώνεται με όλες τις σχετικές απαιτήσεις των ακόλουθων οδηγιών της ΕΕ και ότι έχουν χρησιμοποιηθεί τα ακόλουθα πρότυπα ή κανονιστικά έγγραφα:

et: EL-vastavusdeklaratsioon. Kinnitame ainuvastutajatena, et käesolev toode vastab järgmistele Euroopa Liidu direktiivide nõuetele ning on kooskõlas järgmistele standardite ja normatiivsete dokumentidega:

fi: EU-vaatimustenmukaisuusvakuutus. Vakuutamme yksinomaisella vastuulla, että tämä tuote täyttää seuraavien EU-direktiivien kaikki olennaiset vaatimukset ja se on seuraavien standardien tai standardiasiakirjojen mukainen:

hr: EU izjava o skladnosti. Izjavljujemo pod vlastitom odgovornošću da je ovaj proizvod u skladu sa svim važnim zahtjevi- ma sljedećih Direktiva EU i da se polazilo od sljedećih normi ili normativnih dokumenata:

hu: EU megfelelőségi nyilatkozat. Kizárólagos felelősségünk tudatában kijelentjük, hogy ez a termék az alábbi EU-irányelvek minden vonatkozó követelményének megfelelő az alábbi szabványok vagy normatív dokumentumok alapul vételével:

it: Dichiarazione di conformità UE. Dichiariamo sotto nostra unica responsabilità che il presente prodotto sia conforme a tutti i requisiti di rilevanza definiti dalle seguenti Direttive UE e che siano stati applicati le seguenti norme o i seguenti documenti normativi:

lt: ES atitikties deklaracija. Prisiimdami visą atsakomybę pareiškiame, kad šis gaminyš tenkina visus svarbius toliau nurodytų ES direktyvų reikalavimus, ir kad jį projektuojant, buvo panaudotos toliau nurodytos normos arba normatyviniai dokumentai:

lv: ES atbilstības deklarācija. Mēs ar pilnu atbildību paziņojam, ka šis izstrādājums atbilst visām svarīgākajām šādu EK direktīvu prasībām un ir izgatavots atbilstoši šādiem standartiem vai normatīvajiem dokumentiem:

nb: EU-samsvarserklæring. Vi erklærer under eneansvar at dette produktet oppfyller alle relevante krav i følgende EU-di- rektiver og at følgende standarder eller normative dokumenter er blitt lagt til grunn:

nl: EU-conformiteitsverklaring. Wij verklaren en stellen ons ervoor verantwoordelijk dat dit product volledig voldoet aan alle volgende EU-richtlijnen en volgende normen of normatieve documenten daaraan ten grondslag gelegd werden:

pl: Deklaracja zgodności UE. Niniejszym oświadczamy naszą odpowiedzialność, że produkt ten spełnia wszystkie obowiązujące wymagania następujących dyrektyw UE, norm lub dokumentów normatywnych.

pt: Declaração de conformidade UE. Sob nossa inteira responsabilidade, declaramos que este produto está de acordo com todas as exigências relevantes das seguintes diretivas UE, tendo sido tomadas por base as seguintes normas ou documentos normativos:

ro: Declarație de conformitate UE. Declărăm pe proprie răspundere că acest produs este conform cu toate cerințele relevante din următoarele directive UE și că se bazează pe următoarele norme sau documente normative:

ru: Декларация о соответствии ЕС. Мы со всей ответственностью заявляем, что данная продукция соответствует всем применимым требованиям следующих Директив ЕС, стандартов и нормативных документов:

sk: EÚ vyhlásenie o zhode. Zodpovedne vyhlasujeme, že tento produkt súhlasí so všetkými relevantnými požiadavkami nasledujúcich smerníc EÚ a vychádza z nasledujúcich noriem alebo normatívnych dokumentov:

sl: EU izjava o skladnosti. S polno odgovornostjo izjavljamo, da je ta proizvod skladen z vsemi veljavnimi zahtevami naslednjih direktiv EU in da izpolnjuje zahteve naslednjih standardov ali normativnih dokumentov:

sv: EU-försäkran om överensstämmelse. Vi förklarar på eget ansvar att denna produkt uppfyller alla relevanta krav enligt följande EU-direktiv och baseras på följande normer eller normgivande dokument:

Dübelfräse / Joining machine	Seriennummer / Serial number * T-Nr.
DF 500 RQ	10890578, 10890579



2006/42/EC, 2014/30/EU, 2011/65/EU
 EN 60745-1:2009 + A11:2010,
 EN 60745-2-19:2009 + A1:2010,
 EN 55014-1:2017 + A11:2020,
 EN 55014-2:1997 + A1:2001 + A2:2008 + AC:1997,
 EN 61000-3-2:2014,
 EN 61000-3-3:2013,
 EN IEC 63000:2018



We as the manufacturer declare under our sole responsibility that the product(s) fulfill(s) all the relevant provisions of the following UK Regulations and are manufactured in accordance with the following designated standards:

- | | |
|----------------|--|
| S.I. 2008/1597 | Supply of Machinery [Safety] Regulations 2008 |
| S.I. 2016/1091 | Electromagnetic Compatibility Regulations 2016 |
| S.I. 2021/422 | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 |

BS EN 60745-1:2009 + A11:2010,
 BS EN 60745-2-19:2009 + A1:2010,
 BS EN 55014-1:2017 + A11:2020,
 BS 55014-2:1997 + A1:2001 + A2:2008 + AC:1997,
 BS EN 61000-3-2:2014,
 BS EN 61000-3-3:2013,
 BS EN IEC 63000:2018

Unterzeichnet für und im Namen von/ Signed on behalf of and in name of:
 Festool GmbH
 Wertstr. 20, 73240 Wendlingen, GERMANY
 Wendlingen, 2025-01-22

Markus Stark
 Leiter Forschung & Entwicklung Produkte
 Head of Research & Development Products

Tim Weber
 Leiter Produktkonformität
 Head of Product Compliance

12 Fehlerbehebung

Problem	Mögliche Ursachen	Abhilfen
Brandstellen	Stumpfes Fräswerkzeug.	Scharfes Fräswerkzeug verwenden.
Dübelloch ist zu eng DOMINO-Dübel lässt sich nicht fügen.	Stumpfes Fräswerkzeug. Ablagerungen (z. B. Späne im Dübelloch).	Scharfes Fräswerkzeug verwenden. Ablagerungen entfernen und mit Staubabsaugung arbeiten.
Aufweitung des Dübellochs mit 4 mm/ 5 mm Fräswerkzeug.	Das Fräswerkzeug ist nicht für die eingestellte Frästiefe geeignet.	Die Frästiefe verringern.
Ausrisse am Dübelloch-Rand.	Zu hohe Vorschubgeschwindigkeit.	Die Vorschubgeschwindigkeit verringern.
Das Dübelloch ist nicht parallel zur Werkstückkante.	Das Werkstück hat sich bei der Bearbeitung bewegt.	Das Werkstück ausreichend befestigen.
Die Dübelfräse läuft unruhig, ruckelt.	Keine Absaugung angeschlossen.	Absaugung anschließen.
	Die Gummipuffer [2-5] sind abgenutzt.	Die Gummipuffer austauschen (Ersatzteil).
Dübelloch nicht im rechten Winkel (90°) zur Werkstückoberfläche.	Ablagerungen/Späne unterhalb der Bodenplatte.	Ablagerungen entfernen.
	Winkelanschlag nicht exakt 90° eingestellt.	Winkelanschlag exakt auf 90° einstellen.
	Ohne Auflagewinkel gearbeitet.	Auflagewinkel verwenden.
Dübelfräse verrutscht beim Einfräsen.	Zu hohe Vorschubgeschwindigkeit.	Vorschubgeschwindigkeit verringern.
Werkzeug lässt sich beim Werkzeugwechsel nicht lösen.	Spindelarretierung außer Funktion.	Die Spindel mit dem Gabelschlüssel gegen das Werkzeug verdrehen. Bei mehrmaligem Auftreten Kundendienst kontaktieren.

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1 Symbols

Warning of general danger



Warning of electric shock



Read the operating manual and safety warnings.



Wear ear protection.



Wear a dust mask.



Wear protective gloves when changing tools.



Wear protective goggles.



Pull out the mains plug



Disconnecting the mains power cable



Connecting the mains power cable



Safety class II



Do not dispose of it with domestic waste.



CE conformity marking



Tip or advice



UKCA marking: Confirms the conformity of the product with UK regulations.

2 Safety warnings

2.1 General power tool safety warnings



WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

2.2 Machine-specific safety notices

- **Disc cutters must be rated for at least the speed marked on the tool.** Disc cutters running over rated speed can fly apart and cause injury.
- **Always use the guard [1-2].** The guard protects the operator from broken disc cutter fragments and unintentional contact with the disc cutter.
- **Hold power tool by insulated gripping surfaces [1-1]+[1-6], because the cutter may contact its own cord.** Cutting a live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Only fit the routing tools offered by Festool for this power tool.** The use of other routing tools is prohibited due to the increased risk of injury.
- Only use routing tools that meet standard EN 847-1. All Festool routing tools meet these requirements.
- Used tools must be approved for speeds of at least 30000 rpm according to EN 847-1.
- **Before every use, check whether the guide frame is guided all the way back to the motor unit without issues.** The cutter must be fully covered by the protective cover.
- **Wear suitable personal protective equipment:** Ear protection and safety glasses.
- **Use suitable breathing protection to protect your health.** In enclosed spaces, ensure that there is sufficient ventilation and connect a mobile dust extractor.
- **Only for AS/NZS:** The tool shall always be supplied via residual current device with a rated residual current of 30 mA or less.

2.3 Safety warnings for routing tools

General

- Proceed with extreme care when unpacking, packing and handling the tool (e.g. installing it in the machine). There is a risk of injury from extremely sharp cutting edges!
- When handling the tool, wearing safety gloves provides a more secure hold of the tool and further reduces the risk of injury.
- **WARNING!** Do not use tools with visible cracks or blunt or damaged cutting edges.

Installation and mounting

- Tools must be clamped in such a way that they cannot come loose during operation.
- Clamping or fixing nuts must be tightened using suitable keys, etc. and with the torque specified by the manufacturer.
- Do not lengthen the key or tighten by hitting with a hammer.
- The clamping surfaces must be cleaned to remove contamination, grease, oil and water.

Service and maintenance

- Always use original Festool spare parts.
- Repairs or resanding work must only be carried out by Festool customer service workshops or experts.
- The tool design must not be changed.
- For repairs and resanding work, see the additional instructions at www.festool.co.uk.
- Deresinify and clean the tool regularly (cleaning agent with pH between 4.5 and 8).
- Resharpened cutters can influence the accuracy of the routing result.
- Only transport the tool in suitable packaging – risk of injury!

2.4 Emission levels

The levels determined in accordance with EN 60745 are typically:

Sound pressure level	$L_{PA} = 85 \text{ dB(A)}$
Sound power level	$L_{WA} = 96 \text{ dB(A)}$
Uncertainty	$K = 1,5 \text{ dB}$



CAUTION

Noise emissions created while working with the power tool may damage your hearing.

- Always use ear protection.

Vibration emission level a_h (vector sum for three directions) and uncertainty K measured in accordance with EN 60745:

(3-axis)	$a_h < 2,5 \text{ m/s}^2$
	$K = 1.5 \text{ m/s}^2$

The specified emission levels (vibration, noise)

- are used to compare machines.
- They are also used for making preliminary estimates regarding vibration and noise load during operation.
- They represent the primary applications of the power tool.



CAUTION

The emission values may deviate from the specified values. This is dependent on how the tool is used and the type of workpiece being machined.

- Assess the actual load during the entire operating cycle.
- Determine suitable safety measures depending on the actual load.

3 Intended use

The DOMINO joining machine is designed to produce joints with DOMINO dowels and DOMINO connectors in hardwood and softwood, chipboard, plywood and wooden materials. Any application beyond this counts as unintended.

The user is liable for improper or non-intended use.

4 Technical data

Joining machine	DF 500 RQ
Power	420 W
Speed, max. (no-load)	25500 rpm
Routing depth, max.	28 mm
Routing width, max.	23 mm + cutter dia.
Cutter diameter, max.	10 mm
Drive shaft connecting thread	M6 x 0.75
Weight	3.2 kg

4.1 Routing tools

For technical data, see imprint on the routing tool.

5 Parts of the device

- [1-1]** Auxiliary handle
- [1-2]** Guide frame
- [1-3]** Motor unit/guide frame unlocking
- [1-4]** DOMINO dowel hole width rotary switch
- [1-5]** On/off switch
- [1-6]** Gripping surface
- [1-7]** Routing depth locking lever
- [1-8]** Locking lever lock
- [1-9]** Material thickness preselection slider
- [1-10]** Angle stop clamp lever
- [2-1]** Stop pin unlocking button
- [2-2]** Clamp lever for setting the routing height
- [2-3]** Extractor connector
- [2-4]** Spindle lock
- [2-5]** Rubber buffer
- [2-6]** Stop pins

The specified illustrations appear at the beginning of the Operating Instructions.

6 Commissioning



WARNING

Unauthorised voltage or frequency.

Risk of accidents

- The mains voltage and the frequency of the power source must correspond to the specifications on the name plate.
- In North America, only Festool machines with the voltage specifications 120 V / 60 Hz may be used.



Always switch off the machine before connecting and disconnecting the mains power cable.



CAUTION

Heating of the plug it connection if the bayonet fitting is not completely locked.

Risk of burns

- Before switching on the power tool, make sure that the bayonet fitting at the mains cable is closed fully and locked.

- Connect and disconnect the mains power cable [3].

6.1 Switching on/off

- To switch on the on/off switch [1-5], push forwards and down until it engages.
- To switch off, press the on/off switch at the rear to unlock.

6.2 Initial commissioning

- Remove the protective film from the underside of the guide frame [4-3] before initial commissioning.
- Remove the transport safety device [4-7].



Before any transport, always reattach the transport safety device to protect the power tool.

7 Settings



WARNING

Risk of injury, electric shock

- Always disconnect the mains plug from the socket before performing any work on the machine.

7.1 Changing the cutter



CAUTION

Risk of injury from hot and sharp tool.

- Do not use any blunt or faulty tools.
- Wear protective gloves when handling a tool.

Removing the cutter

- Lift the unlocking lever [4-1] with the open-ended spanner [4-2].
- Separate the motor unit [4-6] and the guide frame [4-3].
- Press and hold the spindle lock [5-1].
- Unscrew the cutter [5-2] with the supplied open-ended spanner.
- Release the spindle lock.

Inserting the cutter



WARNING

Risk of injury

- Before inserting a new cutter, ensure that the power tool, the guide frame and the guides [4-5] are clean.
- Remove any soiling.
- Only use sharp, undamaged and clean cutters.
- Press and hold the spindle lock [5-1].
- Screw in the cutter [5-2] by hand using the supplied open-ended spanner.
- Release the spindle lock [5-1].

- Push the guide frame **[4-3]** on the auxiliary handle **[4-4]** onto the motor unit **[4-6]** until it audibly locks in place.

7.2 Adjusting the clamp lever position

-  The alignment of clamp levers **[6-7]** and **[6-5]** can be adjusted by lifting them. In the tightened state, they should not overhang past the contact surface.

7.3 Setting the routing depth



WARNING

The cutter can come out of the back of the workpiece.

Risk of injury

- Set the routing depth at least 3 mm lower than the workpiece thickness.
- Open the locking lever lock **[6-2]** by pressing down on it.
- Set the desired routing depth (12 mm, 15 mm, 20 mm, 25 mm, 28 mm) with the locking lever **[6-1]**.
NOTICE For cutters with a diameter of 5 mm, only routing depths 12 mm, 15 mm and 20 mm are allowed due to the short shank length.
- Release the locking lever lock.

The **D 4-NL 11 HW-DF 500** special cutter is available for **DOMINO dowels 4x20 mm**. This cutter is 10 mm shorter due to the risk of breaking. When using this cutter, observe the following information:

- This DOMINO dowel can only be positioned centrally **[7B]**.
- Set the routing depth to 20 mm. The actual routing depth corresponds to 10 mm.

7.4 Setting the routing height

Basic setting

Set the preselection slider to 20. The routing height will be **h** and **i** = 10 mm.

This makes it possible to use the contact surface of the joining machine as a reference edge for vertical milling grooves in panels.

h = distance between the bottom of the guide frame (= top of the workpiece) and the centre of the routed hole.

i = distance between the contact surface of the joining machine and the centre of the routed hole.

With preselection slider

The routed hole is routed centred in the material thickness set on the preselection slider.

- Release the clamp lever **[6-7]** for setting the routing height.
- Lift the front part of the guide frame with the auxiliary handle **[6-6]**.
- Set the material thickness (16 mm, 20 mm, 22 mm, 25 mm, 28 mm, 36 mm, 40 mm) you are working with using the preselection slider **[6-3]**.
- Press the front part of the guide frame downwards until it stops.
- Close the clamp lever **[6-7]**.

Freely selectable

- Release the clamp lever **[6-7]** for setting the routing height.

- Lift the front part of the guide frame with the auxiliary handle **[6-6]**.
- Push the preselection slider **[6-3]** towards the motor unit until it stops.
- Set the required routing height **h** on the scale **[6-8]**. Move the front section of the guide frame vertically to do so.
- Close the clamp lever **[6-7]**.

7.5 Setting the routing angle

- Release the clamp lever for setting the angle **[6-5]**.
- Set the required angle:
 - Anywhere between 0° and 90° using the scale **[6-4]**.
 - Engages at 0°; 22.5°; 45°; 67.5°; 90°.
- Close the clamp lever **[6-5]**.



When using mitre routing, set the routing height and depth as low as possible, otherwise there is a danger that the cutter will penetrate through the opposite side.

Routing thin workpieces with a mitre

- Set the required angle.
- Release the clamp lever **[6-7]** for setting the routing height.
- Push the slider **[6-3]** towards the motor unit until it stops.
- Push the angle stop completely down.
- Close the clamp lever **[6-7]**.



Before putting back the angle stop, always release the clamp lever **[6-7]** first.

7.6 Setting the dowel hole width



The dowel hole width can only be reliably set with the rotary switch **[7-1]** when the machine is running.

The following dowel hole widths can be set (figure **[7A]**):

- 13.5 mm and cutter diameter
- 18 mm and cutter diameter
- 23 mm and cutter diameter

7.7 Adjusting the stop pins [9]

The stop pins **[9-2]** are used as spacers to the centre of the router. Based on a reference edge, several DOMINO dowels can be quickly positioned with a defined spacing. Any stop pins that are not needed can be pushed aside individually and locked in place. The stop pins are released with the two buttons **[9-1]**.

7.8 Dust extraction



WARNING

Health hazard posed by dust

- Always work with an extractor.
- Comply with national regulations.
- Wear a dust mask.

If chips accumulate in the routing area, this may have a negative impact on work results. It is therefore better to work with a mobile dust extractor at full suction power.

A Festool mobile dust extractor with an extraction hose diameter of 27 mm should be connected at the extractor connector **[2-3]**.

CAUTION! A static charge may build up if no antistatic suction hose is used. The user may receive an electric shock and the power tool's electronics may be damaged.

7.9 Additional stop with extension

Thanks to the additional stop [8-2], the contact surface can be increased when routing at the tool edge, and consequently the power tool can be guided more safely.

- Fasten the additional stop to the threaded holes [8-3] of the guide frame with the two screws [8-1].

The contact surfaces of the additional stop [8-5] and the table [8-4] must be at one level.

8 Working with the electric power tool

Wood is a natural, inhomogeneous material. Therefore, it's always possible for certain measurement deviations to arise when processing it, even if the machine is set exactly. The work accuracy is also influenced by the handling of the machine (e.g. feed speed). In addition, the dimensions of DOMINOs made of wood may fluctuate, depending on their storage (e.g. humidity). All these factors influence the dimensional accuracy of the produced dowel holes and dowelling joints.

- ⓘ **We recommend** carrying out a test rout and join on a test workpiece before processing the final workpiece.



When working on the machine, observe all of the safety warnings that are listed at the start as well as the following rules:

- Always secure the workpiece in such a way that it cannot move during machining.
- When working, always hold the power tool with both hands on the gripping surface and the auxiliary handle. This reduces the risk of injury and is a prerequisite for precise work.
- Close the clamp lever for routing height adjustment [2-2] and the clamp lever for angle adjustment [1-10], so that no unintentional release is possible during operation.
- Adjust the feed speed to the cutter diameter and the material. Work with a constant feed speed.

8.1 Procedure

Creating a DOMINO dowelling joint:

	See section
1. Select a DOMINO dowel and insert the matching cutter into the joining machine.	7.1
2. Set the routing depth.	7.3
3. Set the routing height.	7.4
4. Set the routing angle.	7.5
5. Mark the matching surfaces of the workpieces [10-1], so that you can put these back together correctly after routing the dowel holes.	
6. Place the two workpieces to be connected on top of each other and mark the desired positions of the DOMINO dowels with a pencil [10-2].	

See section

7. Set the required dowel hole width. **7.6**
8. Route the dowel holes:
 - The first dowel hole by putting the stop pin on the side edge of the workpiece.
 - The following dowel holes according to the previously made pencil markings and the scale of the viewing window [10-3].

- ⓘ Check every dowel hole for chips, and empty these if required.
- ⓘ Route the first hole without play (dowel hole width = DOMINO dowel width) and the remaining dowel holes with the next largest dowel hole width [10]. The first dowel hole consequently acts as a reference measurement, while the remaining dowel holes tolerate production inaccuracies.

9 Service and maintenance



WARNING

Risk of injury, electric shock

- Always pull the mains plug from the socket before performing any servicing and maintenance work.
- All maintenance and repair work which requires the motor housing to be opened should always be carried out by an authorised service workshop.

Customer service and repairs must only be carried out by the manufacturer or service workshops. You must only use **original Festool spare parts**.

Further information: www.festool.co.uk/service

The tool is equipped with special self-disconnecting carbon brushes. If they wear out, the power supply is disconnected automatically and the tool stops.

Observe the following instructions:

- Damaged safety devices and components must be repaired or replaced in a recognised specialist workshop, unless otherwise indicated in the operating instructions.
- To ensure constant air circulation, always keep the cooling air openings in the housing clean and free of blockages.
- Clean any dust deposits from the guides [4-5].
- Oil the guides regularly and lightly with resin-free oil (e.g. sewing machine oil).

10 Accessories

You can find the PO numbers for accessories and tools under www.festool.co.uk.

Always use original Festool tools and original Festool accessories. Using low-quality tools or accessories from other manufacturers may increase the risk of injury and seriously unbalance the machine, decreasing the quality of the working results and accelerating power tool wear.

LA-DF 500/700 trim stop

- See figure [11].

RA-DF 500/700 handrail fence

- See figure [12].