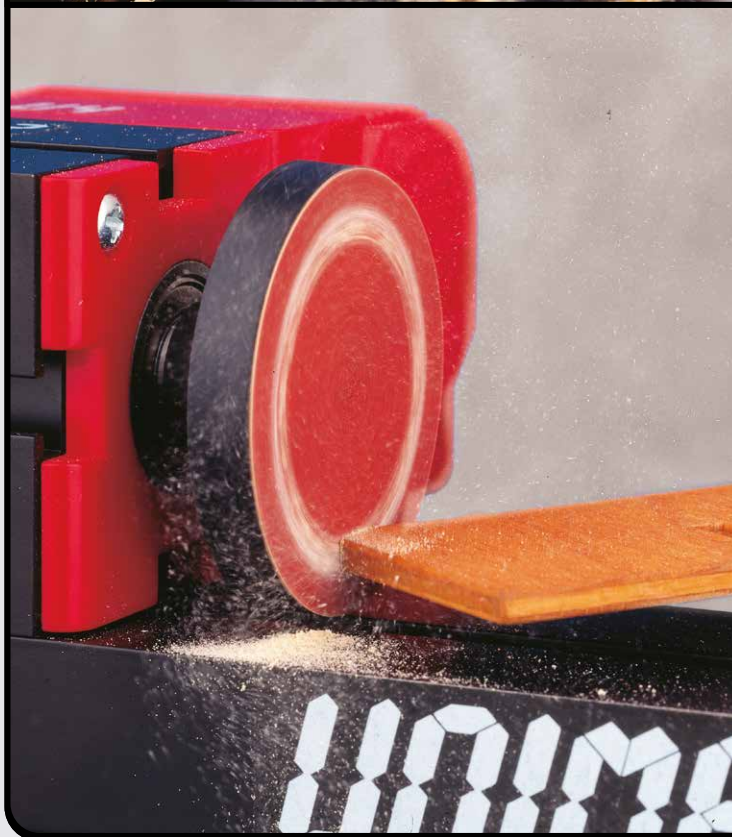
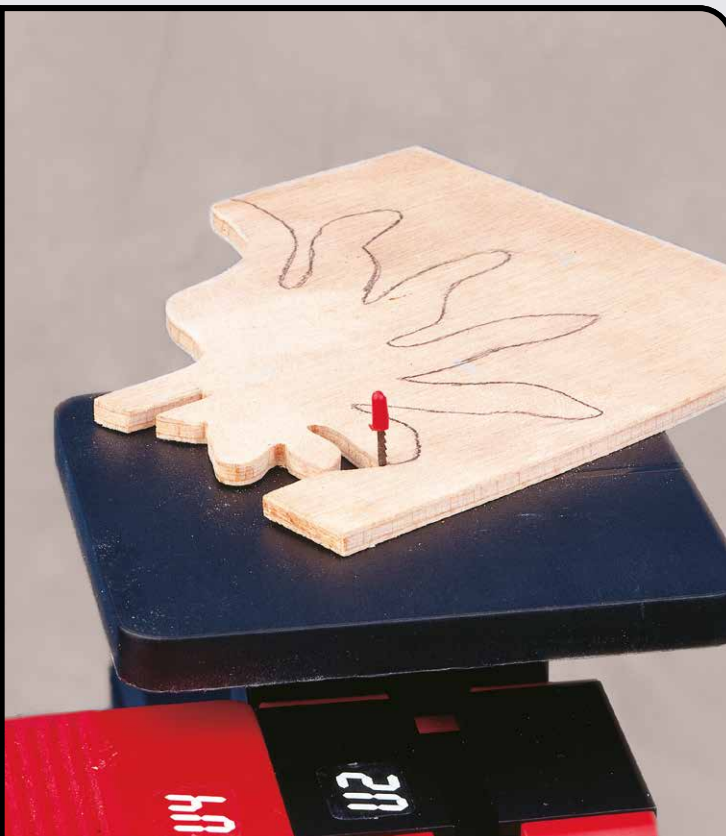
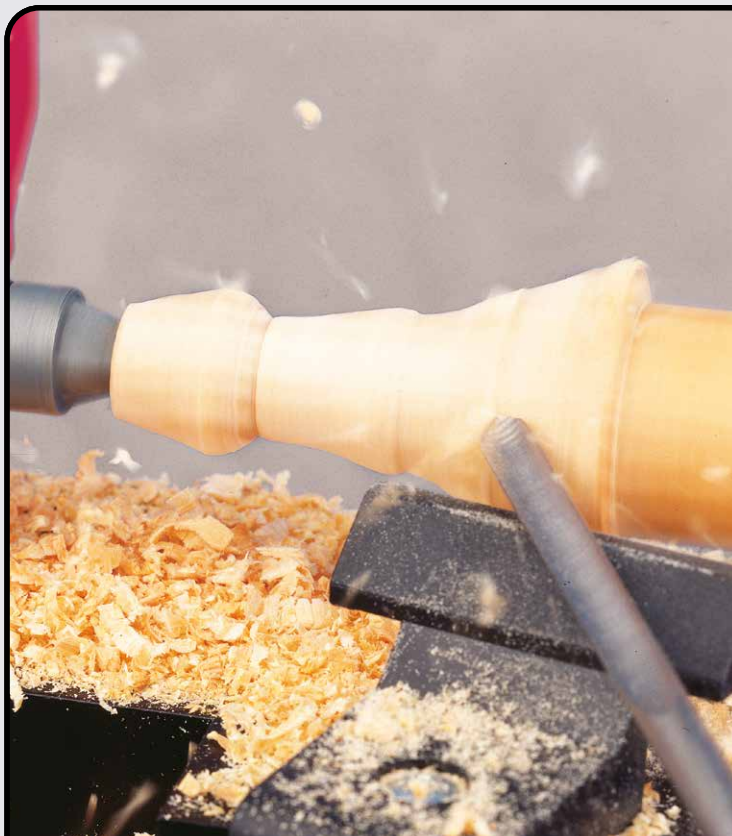
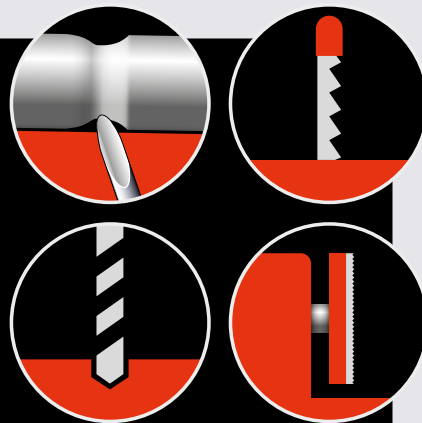


UNIMAT 1 Basic

4 in 1 Basic



Unimat 1 Basic

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! ACHTUNG

ELEKTRISCHER ANTRIEB. NICHT FÜR KINDER UNTER 3 JAHREN GEEIGNET. ERSTICKUNGSGEFAHR DURCH VERSCHLUCKBARE KLEINTEILE. BEINHÄLTET ZUBEHÖRTEILE MIT SCHARFEN KANTEN. DARF NUR UNTER AUFSICHT EINES ERWACHSENEN BEDIENT WERDEN. LANGE SCHNUR. STRANGULATIONSGEFAHR. SCHUTZBRILLE VERWENDEN.

- Geeignet für Kinder ab 8 Jahren
- Mit Unimat können verschiedene Gerätevarianten zusammengestellt werden
- Unimat ist ein mittels 14,4V Gleichstrommotor angetriebenes Gerät. Besondere Sorgfalt und Aufmerksamkeit sind somit angebracht
- Mit jeder der Aufbauvarianten kann man sich bei unsachgemäßer Handhabung verletzen
- Auf ein sauberes Arbeitsumfeld achten
- Vor Gebrauch von Unimat Bedienungsanleitung sorgfältig lesen und sich mit den Bauteilen der Produkte vertraut machen
- Beim Zusammenbau der Geräte Schritt für Schritt der Bedienungsanleitung folgen. Die Anleitung enthält wichtige Informationen und muss sorgfältig aufbewahrt werden
- Wenn Unimat montiert, zwischen den Gerätevarianten gewechselt oder das Gerät gereinigt wird, IMMER vorher das Gerät vom Stromnetz trennen
- Unimat darf nur mit dem beigegepackten 14,4V Netzteil verwendet werden
- Das 14,4V Netzteil ist KEIN Spielzeug
- 14,4V Netzteil nicht im Freien betreiben! Vor Feuchtigkeit schützen
- 14,4V Netzteil an der Ausgangsseite niemals mit anderen Transformatoren parallel schalten! Bei Beschädigung an Anschlussleitung, Stecker oder Gehäuse darf der Transformator nicht mehr weiter benutzt werden! Überprüfung und Anschluss der Geräte liegen in der Verantwortung der Aufsichtspersonen
- Eingespanntes Werkstück kann sich beim Arbeiten lösen
- Immer überprüfen, ob Werkzeug bzw. Werkstück fest eingespannt ist
- Niemals in rotierendes Werkzeug greifen
- Niemals in rotierendes Werkstück (Drehsehlöcher etc.) greifen!
- Aufpassen, dass weder offene Kleidung (Ärmel etc.), noch Haare in die Nähe von rotierendem Werkzeug oder Werkstück kommen
- Unimat darf nur für beschriebene Arbeitsvorgänge verwendet werden
- Nur Unimat nur Weichholz (Balsa, Linde, Pappelsperholz...) verwenden
- Anfallenden Holzstaub mit dem Staubsauger entfernen
- Vor dem geplanten Projekt mit Holzresten üben, um ein Gefühl für das Arbeiten mit Holz zu bekommen

Sollte ein Teil in dieser Packung fehlen oder defekt sein, so fordern Sie es bitte bei uns kostenlos an. Bitte nicht die Packung einsenden. Nur Absender und Teile-Nr. (siehe Stückliste der Bauanleitung) angeben bzw. das Teil beschreiben oder skizzieren. Bei technischen Teilen, wie beispielsweise Motoren, bitten wir Sie, uns diese zur Reparatur bzw. aus Gründen der Qualitätssicherung einzusenden. Der Inhalt kann je nach Vertriebsland variieren. Die Konformitätserklärung finden Sie unter: <http://www.thecooltool.com/rechtliches/>.

! WARNING

ELECTRIC TOY. NOT SUITABLE FOR CHILDREN UNDER 36 MONTHS. SMALL PARTS CAN BE SWALLOWED AND CAUSE RISK OF SUFFOCATION OR CHOKING. LONG CORD, STRANGULATION HAZARD. SHARP FUNCTIONAL EDGES AND POINTS, CUTTING HAZARD AND PUNCTURING HAZARD. TO BE USED UNDER THE DIRECT SUPERVISION OF AN ADULT. USE SAFETY GOGGLES.

- Suitable for use by children aged 8 years and older
- With Unimat you can setup different functions powered by a 14.4V DC motor
- Special care and attention are required when using power tools. Each machine can cause severe injuries if handled improperly. The machines are supplied with sharp tools. Handle these with caution to avoid injury
- Before using Unimat, read through the entire instruction manual and familiarize yourself with the parts of the product
- Follow all instructions and precautions carefully
- Instructions for parents are included and must be observed. The manual should be retained since it contains important information
- The 14.4V adaptor/power supply is not a toy
- Never connect the 14.4V adaptor output in parallel with other power supplies! If electrical cable, plug or case of the power supply is damaged discontinue using Unimat immediately! The supervisor bears the responsibility for checking and hooking up the devices
- Be sure to ALWAYS disconnect plug from the power supply before assembling, changing from one tool to the another and cleaning with liquids. As with all electric products, precautions should be taken during handling and use to prevent electric shock
- Unimat must only be used with the included 14.4V adaptor
- Do not use 14.4V adaptor outdoors! To be kept dry
- Do not abuse Unimat or use it for tasks other than the tasks described in this instruction manual
- The workpiece can fly out of the chuck when being used
- Always make sure that the tools and workpieces are properly secured
- Never touch the revolving workpiece with any part of your body
- Keep hair and clothing well away from moving parts
- Keep workplace clean and tidy
- Do not use Unimat with any material other than wood. Soft wood recommended (balsa, bass wood, poplar plywood)
- Keep Unimat in good working order by removing accumulated wood dust with a vacuum cleaner
- Practice with scrap pieces of wood before starting a project. This will help to get the feeling of working with wood for better results

Should any part in this box be defective or missing, please send your request to us for a free replacement. Do not send the box. Just your name and address, the part number (see spare parts list of the assembly manual) or a small drawing. Please send us any technical parts such as motors, for repair and quality assurance reasons. The content may vary in different countries. Declaration of conformity: <http://www.thecooltool.com/en/legal/>.

! ATTENTION

MOTEUR ÉLECTRIQUE. NE CONVIENT PAS AUX ENFANTS DE MOINS DE 36 MOIS. DANGER D'ÉTOUFFEMENT. PRÉSENCE DE PETITES PIÈCES SUSCEPTIBLES D'ÊTRE INGÉRÉES. DANGER DE STRANGULATION. PRÉSENCE D'UNE LONGUE CORDE. PRÉSENCE DE BORDS FONCTIONNELS COUPANTS DANGEREUX. PRÉSENCE DE POINTES FONCTIONNELLES ACÉRÉES: À UTILISER SOUS LA SURVEILLANCE TRÈS RAPPROCHÉE D'UN ADULTE ! UTILISEZ LES LUNETTES PROTECTRICES.

- Unimat est construit pour les enfants plus de 8 ans
- Unimat est un système modulaire pour 4 fonctions différentes entraîné par un moteur 14,4V courant continu
- PlayMat est équipée d'outils tranchants et peuvent dans certains cas provoquer des coupures graves
- Ce produit est un outil puissant, c'est pourquoi nous vous recommandons prudence et attention lors de son utilisation
- Avant d'utiliser Unimat assurez-vous d'avoir lu entièrement la notice d'utilisation et de vous être familiarisé avec les différentes parties constituant la machine. Ne pas respecter ces instructions peut exposer les utilisateurs à des risques de blessures ou coupures
- Veuillez par ailleurs à suivre toutes les instructions à la lettre
- Ne laissez jamais travailler les enfants sans surveillance!
- TOUJOURS vérifiez que la prise du transformateur est débranchée lors des changements d'outils et autres émontages et les nettoyez avec des fluides
- Unimat ne doit être utilisé qu'avec le 14,4V transformateur inclus
- Le transformateur n'est pas un jouet et ne doit pas être utilisé à l'extérieur
- Ne pas sortir du cadre des utilisations pour lesquelles Unimat est destiné
- Nous vous rappelons que Unimat est exclusivement destiné au travail du bois (recommandé: balsa, tilleul, peuplier). Vous ne devez pas utiliser d'autres matériaux
- L'outil en place peut être projeté hors de la machine en cours de travail
- Vérifiez toujours si l'outil et la pièce à usiner sont solidement serrés!
- Ne touchez jamais l'outil en rotation
- Ne touchez jamais une pièce en rotation (bois de tournage...)
- Veillez à tenir éloignés de l'outil ou de la pièce en rotation les vêtements lâches (manches...) et les cheveux
- La place d'utilisation doit rester propre
- Poussière et copeaux de bois ne doivent pas nuire au bon fonctionnement de Unimat, veillez donc à les évacuer régulièrement avec le moyen de votre choix

S'il manquait une pièce dans cette boîte ou si un accessoire était défectueux, veuillez nous demander son remplacement. Ne retournez pas la boîte, mais indiquez le numéro de la pièce (voir liste des pièces détachées du mode d'emploi) ou décrivez ou dessinez-nous la pièce. En ce qui concerne les pièces techniques, par exemple moteurs, nous vous demandons, pour des raisons de garantie de qualité, de nous les envoyer pour réparation. Le contenu peut varier en différent pays. Déclaration de conformité européenne: <http://www.thecooltool.com/en/legal/>.

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! ¡AVISO!

MOTOR ELÉCTRICO. INADECUADO PARA NIÑOS BAJO DE 3 AÑOS. PARTES PEQUEÑOS INCLUIDOS PUEDEN SER UN RIESGO DE ASFIXIA. LOS PARTES ACCESORIOS INCLUYEN PARTES PUNTIAGUDOS Y PARTES CON RIESGO DE CORTAR. SOLAMENTE DEJA USAR DEBAJO DE LA SUPERVISIÓN DE UN ADULTO. RIESGO DE ESTRANGULACIÓN CON EL CABLE DE ELECTRICIDAD. ¡UTILIZAR GAFAS PROTECTORAS!

- Adecuado para niños de 8 años y más
- Con Unimat se pueden construir 4 máquinas diferentes
- Unimat está una máquina accionado con un motor 14,4 V corriente continua. Por eso siempre trabajan con atención
- Con cada máquina está posible de dañar en el caso de uso incorrecto
- Antes de usar Unimat leer todas las instrucciones y familiarizar con todas las partes del producto
- Durante el montaje siempre cumplir las instrucciones del manual paso a paso. El manual incluye informaciones importantes y necesita de estar conservado apropiadamente
- Durante el montaje de Unimat, el cambio entre los diferentes tipos de máquinas o la máquina esta limpiado, ¡SIEMPRE!, desconectar la máquina de la red eléctrica
- Unimat solamente debe usar con el conector de 14,4V incluido
- ¡El conector de 14,4V NO está un juguete
- ¡El conector de 14,4V no puede usar en el exterior! Proteger el conector contra humedad
- El conector de 14,4 V nunca puede ser conectado con otros transformadores en un circuito paralelo. En el caso el cable eléctrico, el conector o la casa del transformador está dañado no puede usar el transformador más. El usuario tiene la responsabilidad de controlar y conectar el producto
- La herramienta fijada puede desprenderse de la máquina durante el trabajo
- ¡Siempre conviene controlar si la herramienta y el material están fijados adecuadamente
- ¡Nunca tocar el material que está rotando (madera para torner, ...)
- ¡Prestar cuidado a que indumentaria o cabello suelto no se hallen demasiado cerca de la herramienta y del material
- Con cada una de las máquinas corre peligro herirse al servirse de ellas inadecuadamente
- Unimat solamente puede ser usado para los procesos explicados en el manual
- Para Unimat solamente usa madera blanda (madera de balsa, tilo, contrachapado de álamo, ...)
- Como todas las máquinas, también Unimat debe ser limpiado y lubricado regularmente
- Antes de empezar con un proyecto realiza un corte de prueba en un trozo de madera de desecho

En caso de faltar alguna pieza o de resultar defectuosa, rogamos efectuar el reclamo correspondiente a la dirección indicada sin costos adicionales. Por favor no mande el paquete. Solamente describa o diagrama la parte o indique su dirección y el número en la misma (véase la lista de piezas y las instrucciones de armado). Si fuese necesario efectuar una reparación, y por motivos del control de calidad, sírvase remitir al fabricante las piezas técnicas tales como los motores. El contenido puede variar dependiendo del país. Declaración de conformidad:
<http://www.thecooltool.com/en/legal/>

! 警告

电动玩具。
36 个月以下儿童不宜。
小的零件被吞食，
有窒息风险。
长绳子，有被勒死的风险。
锐利的功能点，
有切割和穿刺风险。
须在一个成人的直接监护下使用。
须使用防护眼镜。

- 只适用于8岁及以上的儿童。
- 使用 Unimat (此设备) 你可以设置不同的功能，14.4V 直流电机。
- 使用电动工具时要特别小心。如果操作不当，每台机器都可能造成严重伤害。这些机器配有锋利的工具。小心处理，以免受伤。
- 在使用 Unimat (此设备) 之前，请通读整个使用手册，并熟悉产品的各个部分。
- 请仔细阅读所有说明和注意事项。
- 内含对父母的指示，请务必遵守。手册必须保留，因为它包含了重要的信息。
- 14.4V 适配器/电源不是玩具。
- 切勿将 14.4V 适配器输出与其他电源并联! 如果电线、插头或电源盒损坏，请立即停止使用 Unimat (此设备)!
- 主管负责检查和连接设备!
- 在组装前一定要断开电源插头，更换工具，用液体清洗。与所有电气产品一样。
- 在操作和使用过程中应采取预防措施，以防止触电。
- Unimat (此设备) 只能与 14.4V 适配器一起使用
- 不要在户外使用 14.4V 适配器! 保持干燥!
- 不要滥用 Unimat (此设备) 或将其用于本说明书所述任务以外的事情。
- 工件在使用过程中可能会飞出卡盘
- 一定要确保工具和工件合理安置
- 不要使用身体任何部位接触旋转工件
- 保持头发和衣服远离活动部件
- 保持工作环境整洁
- 不要使用除木材以外的任何材料。推荐使用软木(巴尔沙、鲈鱼木、杨木胶合板)
- 使用吸尘器清除积聚的木屑，保持游戏垫良好的工作状态
- 在开始一个项目之前，先用小块的木头练习。这有助于获得更好的效果。

如果这个箱子里有任何部件有缺陷或被丢失，请向我们提出免费更换的要求。无需寄回这个盒子。

只要将你的名字、地址和零件编号(见装配手册的备件清单)或一个小图纸寄给我们。由于维修和质量保证需要，技术部件(如马达)须寄给我们。具体内容可能因国家而异。
符合声明:
<http://www.thecooltool.com/en/legal/>

! ПРЕДУПРЕЖДЕНИЕ

ИГРУШКА ПОД НАПРЯЖЕНИЕМ. НЕ ПОДХОДИТ ДЛЯ ДЕТЕЙ В ВОЗРАСТЕ ДО 3-Х ЛЕТ. ПРОДУКТ СОДЕРЖИТ МЕЛКИЕ ДЕТАЛИ, КОТОРЫЕ МОГУТ ВЫЗВАТЬ УДУШЬЕ ПРИ ПРОГЛАТЫВАНИИ. СУЩЕСТВУЕТ ОПАСНОСТЬ УДУШЕНИЯ ОТ ДЛИННОГО ШНУРА. СУЩЕСТВУЕТ ОПАСНОСТЬ РЕЗАНИЯ И ПРОКАЛЫВАНИЯ ОТ ОСТРЫХ КРАЕВ. ПРОДУКТ ПРЕДНАЗНАЧЕН ДЛЯ ИСПОЛЬЗОВАНИЯ СТРОГО В ПРИСУТСТВИИ ВЗРОСЛОГО. ИСПОЛЬЗУЙТЕ ЗАЩИТНЫЕ ОЧКИ.

- Подходит только для детей от 8 лет и старше
- Unimat позволяет настраивать различные функции питания с помощью двигателя 14,4 В=
- Соблюдайте особое внимание и осторожность при использовании электроинструментов. Каждая машина может причинить тяжелые травмы при неправильном обращении. Машины снабжены острыми инструментами. Обращайтесь с ними осторожно, чтобы избежать травм.
- Перед использованием Unimat внимательно прочитайте инструкцию по эксплуатации и ознакомьтесь с частями продукта
- Внимательно соблюдайте все указания и меры предосторожности
- Инструкции для родителей включены и должны соблюдаться. Храните руководство для будущего использования, так как оно содержит важную информацию
- Адаптер (блок питания) 14,4 В не игрушка
- Ни в коем случае не подключайте выход адаптера 14,4 В параллельно с другими источниками питания! В случае повреждения шнура питания, штепсельной вилки или корпуса блока питания, немедленно прекратите использование Unimat! За проверку и подключение устройств ответственность несет контролирующий орган!
- Обязательно ВСЕГДА отсоединяйте штепсельную вилку от блока питания перед сборкой, заменой одного инструмента на другой и очисткой с использованием жидких чистящих средств. При обращении и использовании продукта соблюдайте меры предосторожности, применимые ко всем электрическим изделиям, во избежание поражения электрическим током
- Unimat должен использоваться только с адаптером 14,4 В, который входит в комплект
- Адаптер 14,4 В предназначен только для использования в помещении! Хранить сухим!
- Не используйте Unimat не по назначению или для задач, отличных от описанных в данном руководстве
- При использовании заготовка может вылететь из патрона
- Всегда следите за тем, чтобы инструменты и заготовки были надежно закреплены
- Никогда не прикасайтесь к вращающейся заготовке любой частью тела
- Держите волосы и одежду вдали от движущихся частей
- Поддерживайте чистоту и порядок рабочего места
- Unimat предназначен только для древесины. Продукт рекомендован для использования с мягкими породами древесины (бальза, липы американской, тополя, фанеры)
- Поддерживайте Unimat в хорошем рабочем состоянии, используя пылесос для удаления скопившейся древесной пыли
- Потренируйтесь на обычных кусочках древесины, прежде чем приступать к работе. Таким образом, вы быстрее привыкните к дереву и достигните лучших результатов

Если какие-либо части в коробке имеют дефекты или не достают, обратитесь к нам за бесплатной заменой. Не отправляйте нам все содержимое коробки. Укажите только ваше имя и адрес, а также номер детали (перечень запасных деталей содержится в руководстве по сборке) или чертежа. Просьба присылать нам технические детали, такие как двигатели, для ремонта и контроля качества. Содержимое коробки может отличаться в разных странах. Декларация соответствия:
<http://www.thecooltool.com/en/legal/>

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Stückliste

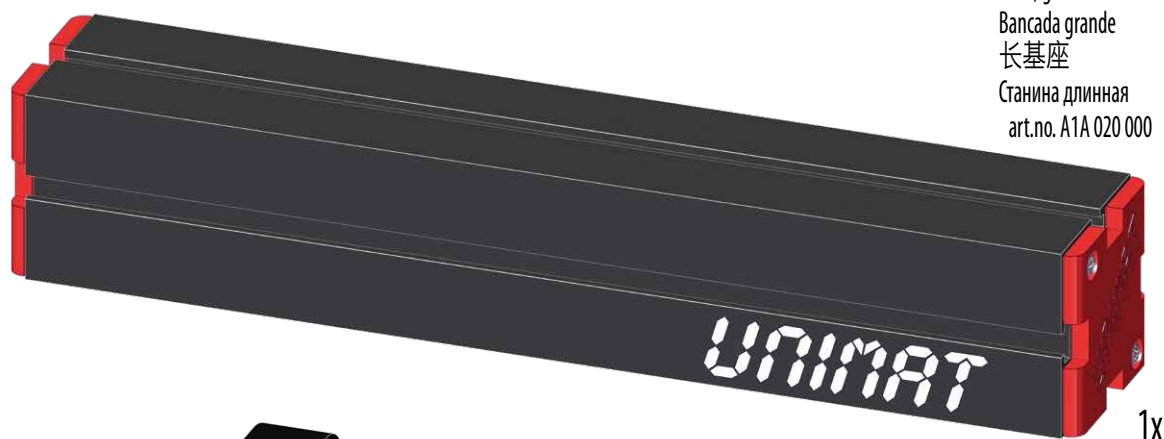
Parts list

Liste des pièces

Lista de partes

零件清单

Список деталей



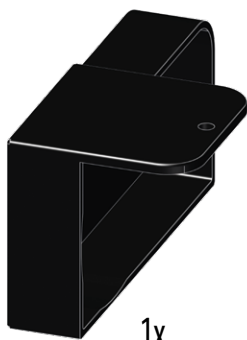
U1

Maschinenbett, lang
Machine bed, long
Banc, grand
Bancada grande
长基座
Станина длинная
art.no. A1A 020 000

1x

U0

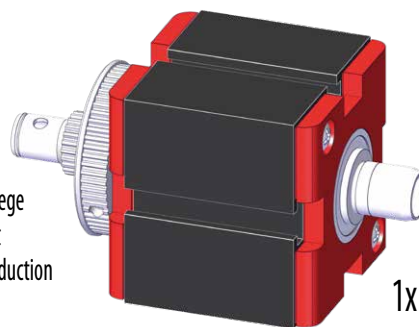
Riemen-Abdeckung
Drive belt cover
Couvré de courroie
Capa protectora
皮带保护罩
Кожух приводного ремня
art.no. A1A 000 010



1x

U2

Motorvorgelege
Countershaft
Broche de réduction
Cabezal
主轴
Шпиндельная бабка
art.no. A1A 030 000



1x

U4

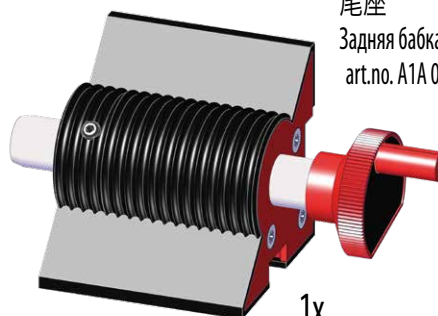
Motor
Motor
Moteur
Motor
马达
Двигатель
art.no. 162 420 MH-R



1x

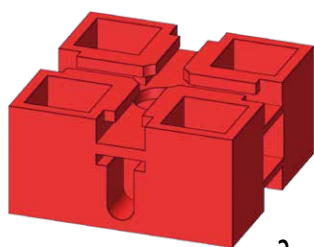
U6

Reitstock
Tailstock
Poupée mobile
Contrapunta
尾座
Задняя бабка
art.no. A1A 040 000



1x

nicht im Maßstab | not in scale | pas à l'échelle | no es a escala | 不按比例 | не в масштабе



2x

U10

Zwischenstück
Intermediate piece
Pièce intermédiaire
Pieza intermedia
中介块
Проставка
art.no. A1A 000 100



1 mm



6 mm



2 mm



5 mm



2,5 mm



4 mm



3 mm



3,5 mm



2x

U12

Spannzange 1 - 6 mm
Collet 1 - 6 mm
Pince 1 - 6 mm
Pinza 1 - 6 mm
夹头 1-6 mm
Цанги 1 - 6 мм
art.no. A1A 000 150

U12ML

Messingspannzange 4 mm
Brass collet 4 mm
Pince métalliques 4 mm
Pinza metálicas 4 mm
铜夹头 4 mm
Цанга латунная 4 мм
art.no. 162 460 40



1x



U15B

Inbusschraubendreher
Screwdriver allen key 2.5 mm
Tourne-vis hexagonale 2,5 mm
Destornillador allen 2,5 mm
内六角扳手 2.5 mm
Отвертка 6-гранная 2,5 мм
art.no. ZWZ 980 075

1x

U15A

Schraubendreher #2 PH
Screwdriver #2
Tourne-vis #2
Destornillador #2
螺丝刀 2#
Отвертка Philips № 2
art.no. ZWZ 980 030



1x

U15c

Schraubendreher #0 PH
Screwdriver #0
Tourne-vis #0
Destornillador #0
螺丝刀 0#
Отвертка Philips №0
art.no. ZWZ 980 000



1x

U16

Stichsägegehäuse
Jig-saw casing
Boîte de scie
Caja de la sierra
线锯盒
Корпус лобзика
art.no. A1A 100 080



1x



1x

U17

Stichsagetisch
Jig-saw table
Table de scie
Mesa de la sierra
线锯台面
Столик лобзика
art.no. A2A 000 101

U22

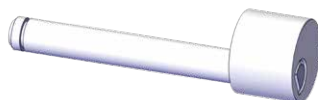
Sägeblatt
Saw blade
Lame de scie
Hoja de la sierra
锯条
Пилка
art.no. ZWZ 500 011



2x

U23

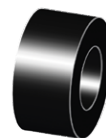
Exzenter
Eccentric
Excentrique
Excéntrica
偏心轮
Эксцентрик
art.no. A1Z 121 000



1x

U23b

Exzenterdistanzhülse
Distance washer
Rondelle
Arandela
距离垫圈
Дистанционная втулка
art.no. A1Z 121 010



1x

U25

Aufspannscheibe
Clamping plate
Disque de ponçage
Disco para papel abras.
砂轮盘
Планшайба
art.no. A1Z 100 010



2x

U27

Drechselaufklage
Woodturning support
Support de tournage
Soporte del torno
木车刀刀座
Подручник
art.no. A1Z 100 020



1x

U28

Drechselmesser
Turning chisel
Outil de tournage Gubia
木车刀
Резец
art.no. 162 240



1x

U29

Zentrumsfinder
Centre finder
Calibre de centrage
Para localizar centro
中心定位尺
Центроискатель
art.no. A1Z 100 040



1x

U32

Mitnehmerspitze
Driver centre
Entraîneur
Punta de arrastre
中心动轮
Центр ведущий
art.no. A1A 101 000



2x

U55

Bohrer 2 mm
Drill 2 mm
Méche 2 mm
Broca 2 mm
钻头 2 mm
Сверло 2 mm
art.no. ZWZ 700 020

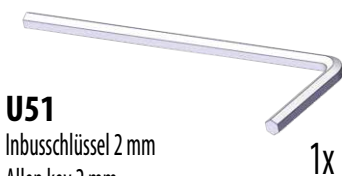


1x

Rollkörner
Live center
Contre-pointe tournate
Contra punto giratorio
活顶尖
Центр вращающийся
art.no. 162 450 MH



1x



U51

Inbusschlüssel 2 mm
Allen key 2 mm
Clé hexagonale 2 mm
Llave allen 2 mm
内六角扳手 2mm
Ключ 6-гранный 2 мм
art.no. ZWZ 110 200

1x



U46

Nutenstein
Slot nut
Boulon en «T»
Pernos "T"
单孔螺帽
Гайка пазовая
art.no. A1A 060 040

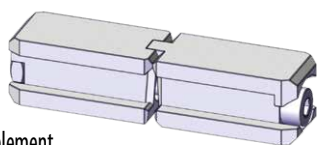
6x



U48ML

Spannzangenhalter
Collet holder
Porte-pinces
Porta-pinza
夹头固定帽
Гайка зажимная для цанг
art.no. A1A 000 072

2x



U66

Verbindungselement
Connection piece
Pièce de connexion
Elemento de conexión
连接块
Сухарь соединительный
art.no. A1A 000 ZINSK

4x

U24

Schleifpapier 100 / 150
Sanding paper 100/150
Disques abrasifs 100/150
Papel de lijar 100/150
砂纸 100/150号
Бумага абразивная 100/150
art.no. A1Z 110 010 / 030



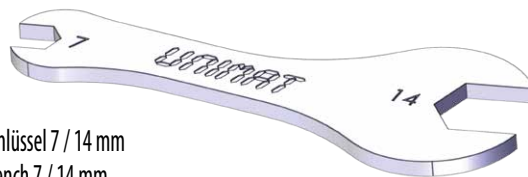
1x



U57

Antriebsriemen 87
Drive belt 87
Courroie 87
Correa 87
电机皮带 87
Ремень приводной 87 мм
art.no. ZRM 733 087

1x



U71

Gabelschlüssel 7 / 14 mm
Fork wrench 7 / 14 mm
Clé de fourche 7 / 14 mm
Llave de furca 7 / 14 mm
扳手 7 / 14 mm
Ключ гаечный 7 / 14 мм
art.no. ZWZ 400 700

1x

1:1



Ub

Schraube M3x10
Screw M3x10
Vis M3x10
Tornillo M3x10
螺钉 M3x10
Винт M3x10
art.no. ZSR M30 010

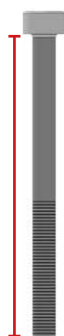
1x



U30

Schraube 2,9x9,5
Screw 2.9x9.5
Vis 2,9x9,5
Tornillo 2,9x9,5
螺钉 2.9x9.5
Винт 2,9x9,5
art.no. ZSR G32 995

4x



U64

Schraube M3x40
Screw M3x40
Vis M3x40
Tornillo M3x40
螺钉 M3x40
Винт M3x40
art.no. ZSR M340ISK

2x



U37

Schraube M4x8
Screw M4x8
Vis M4x8
Tornillo M4x8
螺钉 M4x8
Винт M4x8
art.no. ZSR M40 408

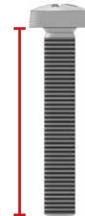
4x



U31

Schraube M4x10
Screw M4x10
Vis M4x10
Tornillo M4x10
螺钉 M4x10
Винт M4x10
art.no. ZSR M40 410

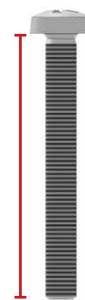
1x



U35

Schraube M4x25
Screw M4x25
Vis M4x25
Tornillo M4x25
螺钉 M4x25
Винт M4x25
art.no. ZSR M40 425

2x



U33b

Schraube M4x35
Screw M4x35
Vis M4x35
Tornillo M4x35
螺钉 M4x35
Винт M4x35
art.no. ZSR M40 435

1x

ohne Abbildung
without picture
sans figure

sin Ilustración
无图片
без рисунка

1x
Netzteil 14,4V
14.4V adaptor
14,4V Transformateur
14,42V Transformador
14,4V变压器
Трансформатор 14,4 В
art.no. 161 31x

1x
Schutzbrille
Protective goggles
Lunettes protectrices
Gafa Protectora
护目镜
Очки защитные
art.no. A1D 100 004

1x
Aufkleber
Sticker
Auto-collant
Auto-adhesivos
标签
Наклейка
art.no. A1A 000 140

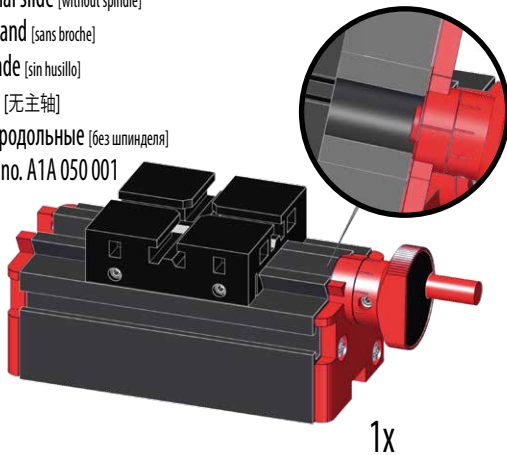
4x
Elastikpuffer
Slip stoppers
Anti-glissement
Anti deslizarse
防滑垫
Эластичные ножки
art.no. 166 EP

optional [Bildungs Sets]
optional [Education sets]
en option [Ensembles éducatifs]

opcional [Conjuntos de educación]
选配件 [教育套装]
опционально [Образовательные наборы]

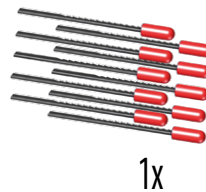
U9EDU

Längsschlitten [ohne Spindel]
Longitudinal slide [without spindle]
Chariot, grand [sans broche]
Carro, grande [sin husillo]
长滑块 [无主轴]
Салазки продольные [без шпинделя]
art.no. A1A 050 001

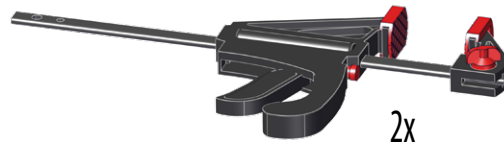


1x

Sägeblätter Set 10 Stk
Saw blades set 10 pcs
Lame de scie set 10
Hoja de la sierra set 10
10支套装锯条
Пилки 10 шт.
art.no. 162 250



1x



2x

Micro Zwinge
Micro clamp
Micro serre-joints
Micro abrazaderas
微型卡钳
Микрострубцина
art.no. 162 180

U74

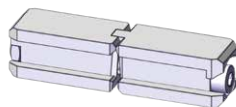
Beilagscheibe
Plain washer
Rondelle
Arandela
垫片
Шайба
art.no. ZSB 250 430



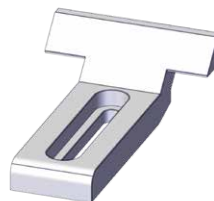
1x

U66

Verbindungselement
Connection piece
Pièce de connexion
Elemento de conexión
连接块
Сухарь соединительный
art.no. A1A 000 ZINSK



1x

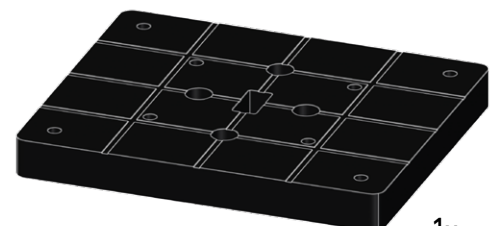


1x

U27ML

Drechselaufklage Metall
Woodturning support metal
Support de tournage métal
Soporte del torno metal
木车床金属刀架
Подручник металлический
art.no. A1Z 340 200

Bohrtrisch komplett
Drilling table Set
Plato taladrado
钻台面
Столик сверлильный
art.no. 162 070



1x

Montageplatte
Mounting plate
Plaque de montage
Plancha basico
固定底板
Пластина монтажная
art.no. 163 400



1x

UNIMAT 1 Basic



Drehselbank

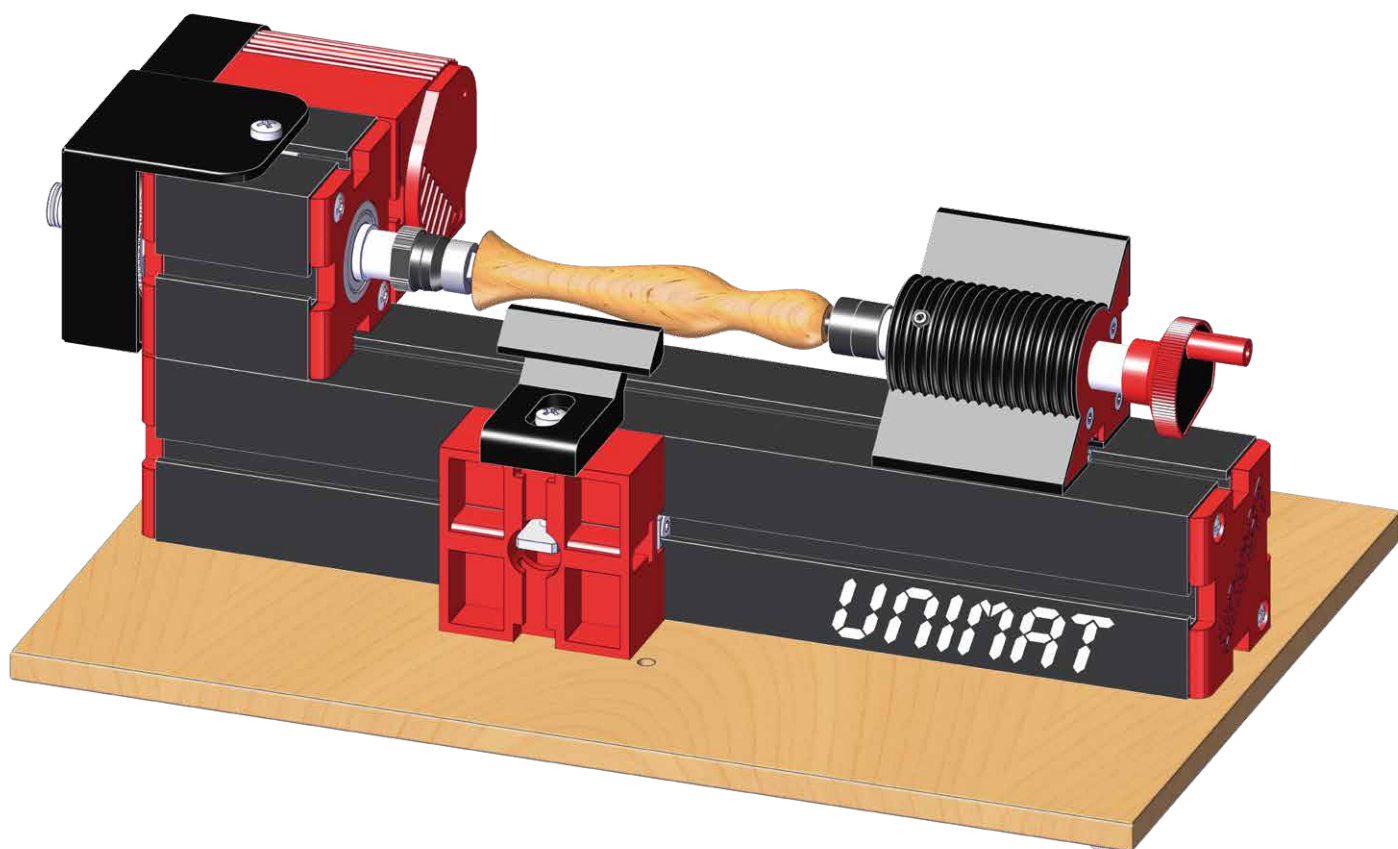
Woodturning lathe

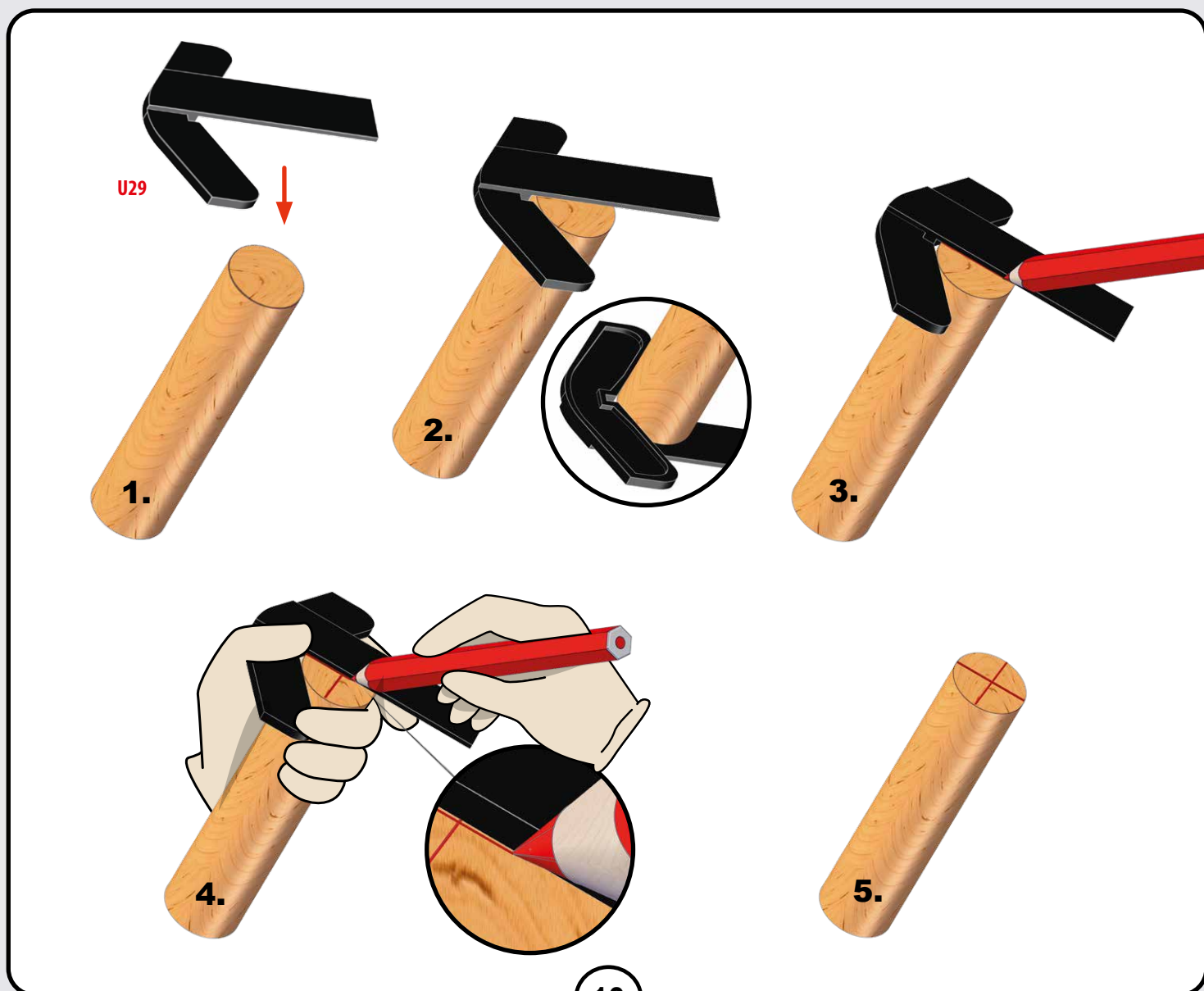
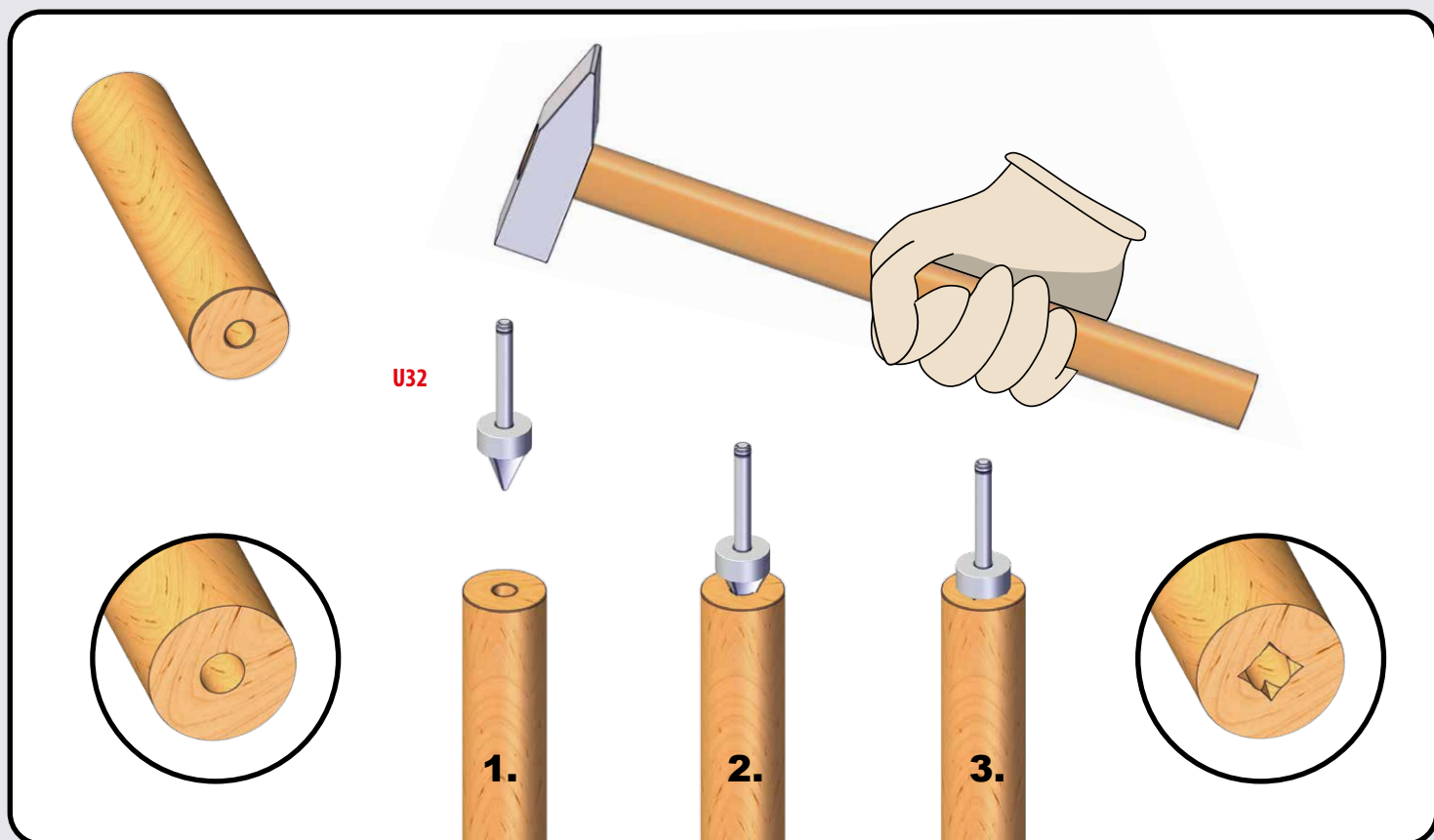
Tour à bois

Torno de madera

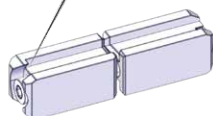
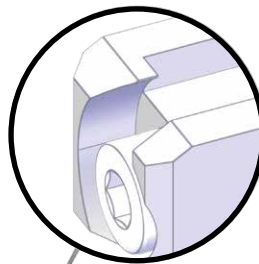
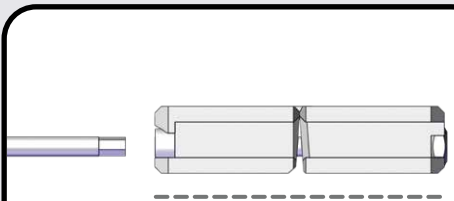
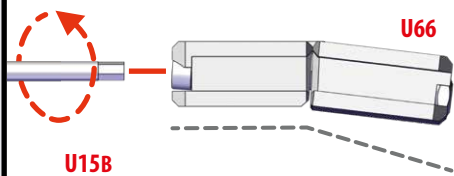
木车床

Токарный станок

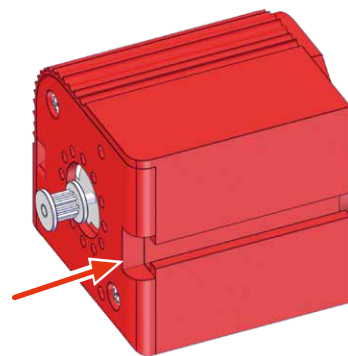




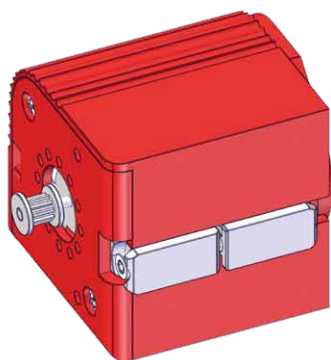
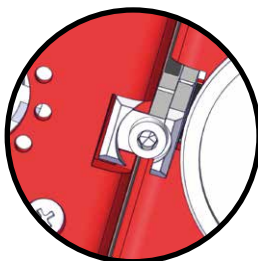
1-2x



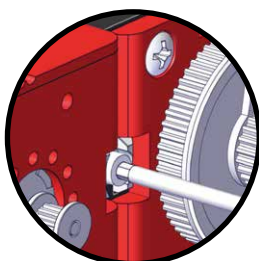
U66



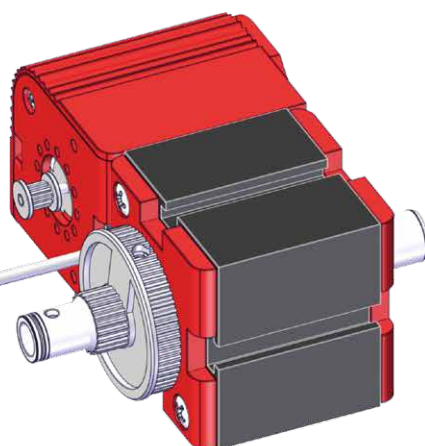
U4

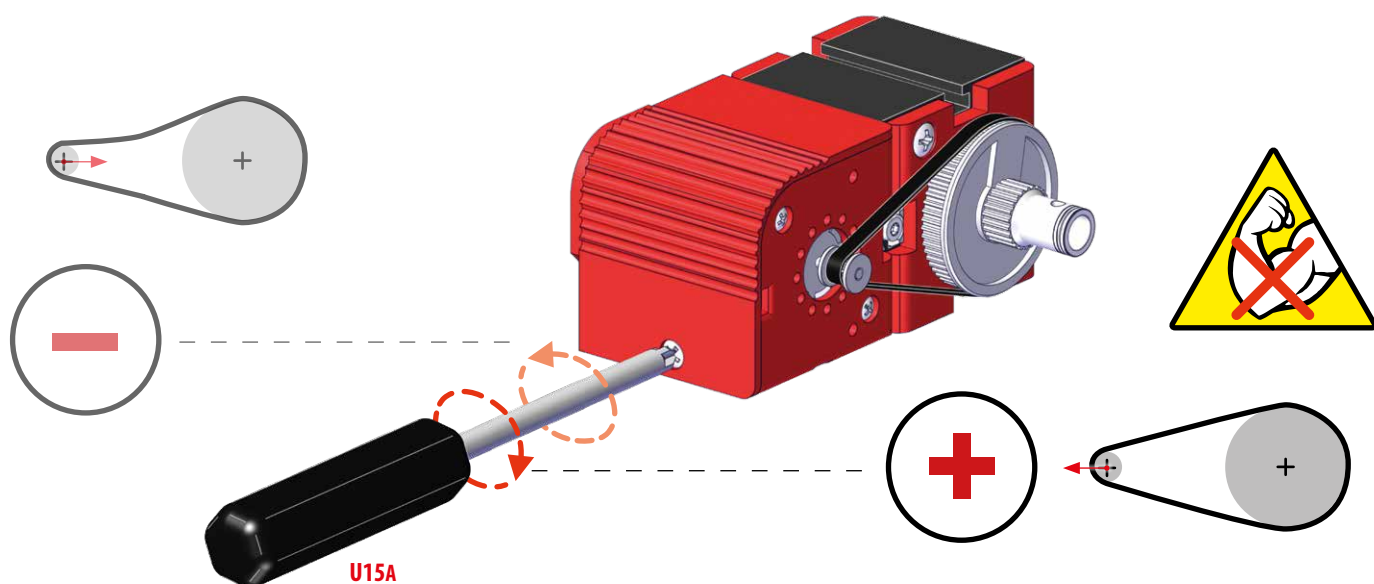
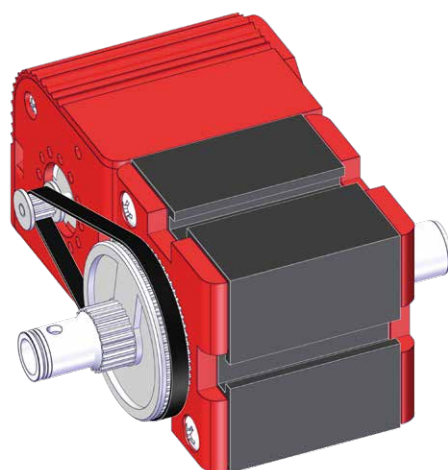
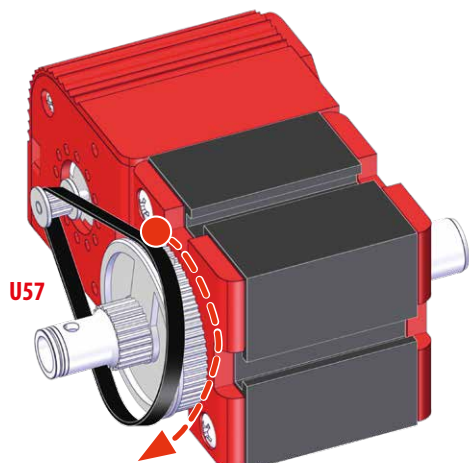
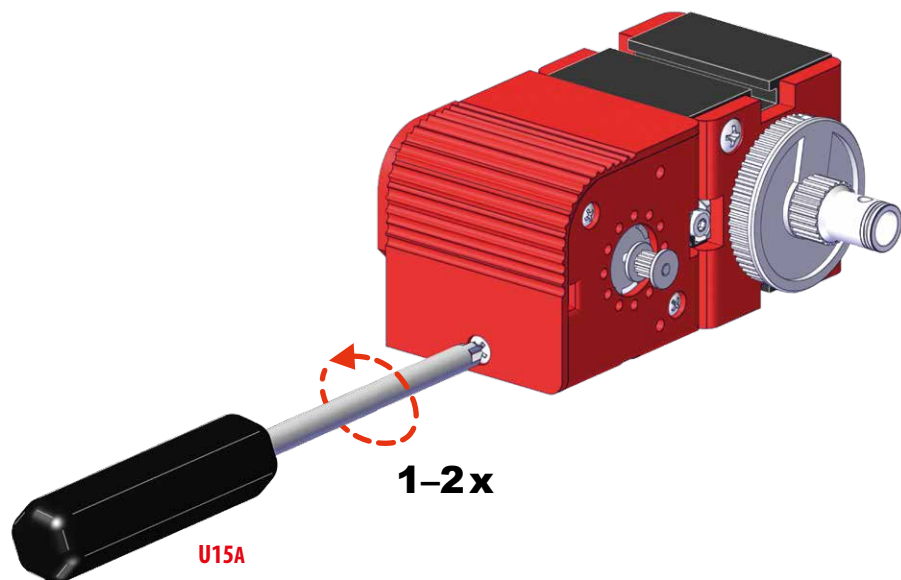


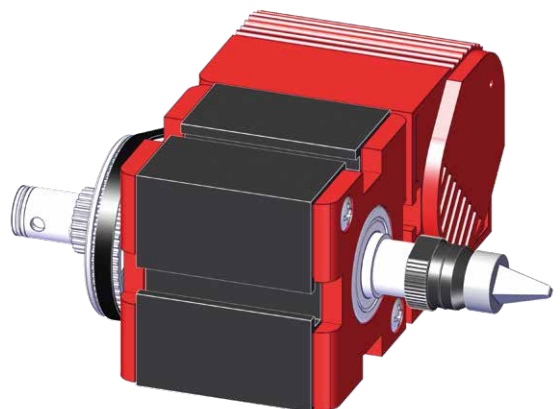
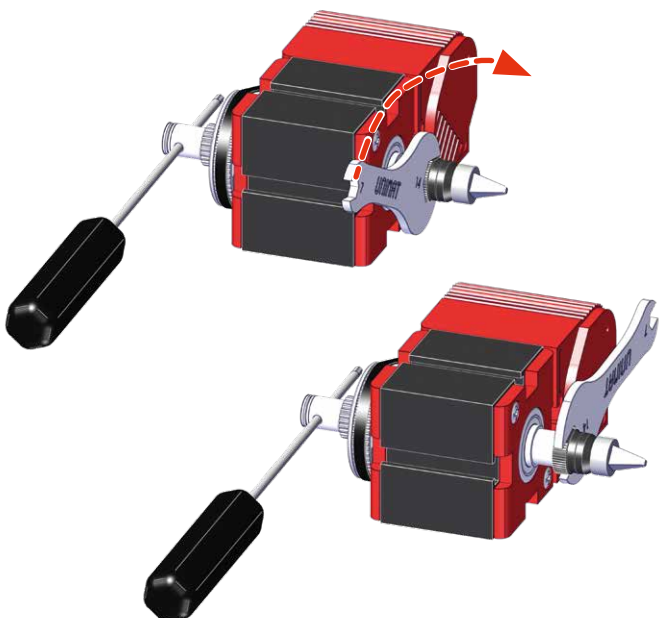
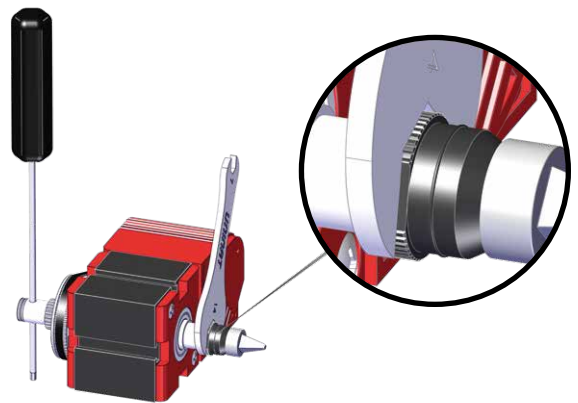
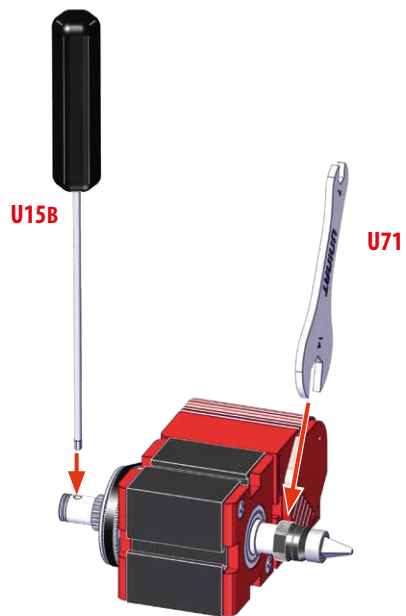
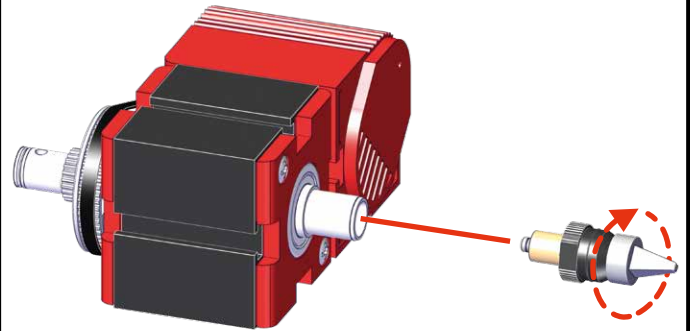
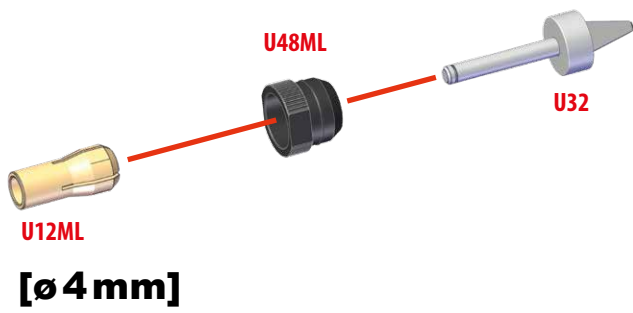
U2

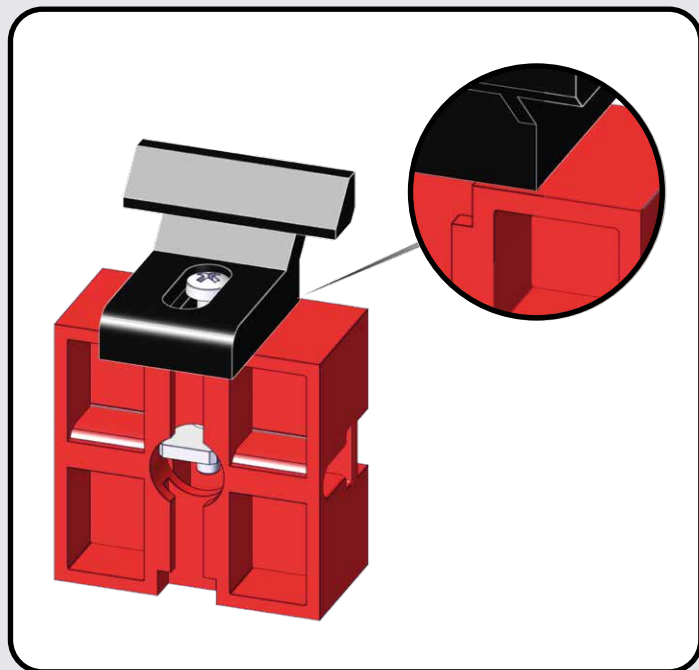
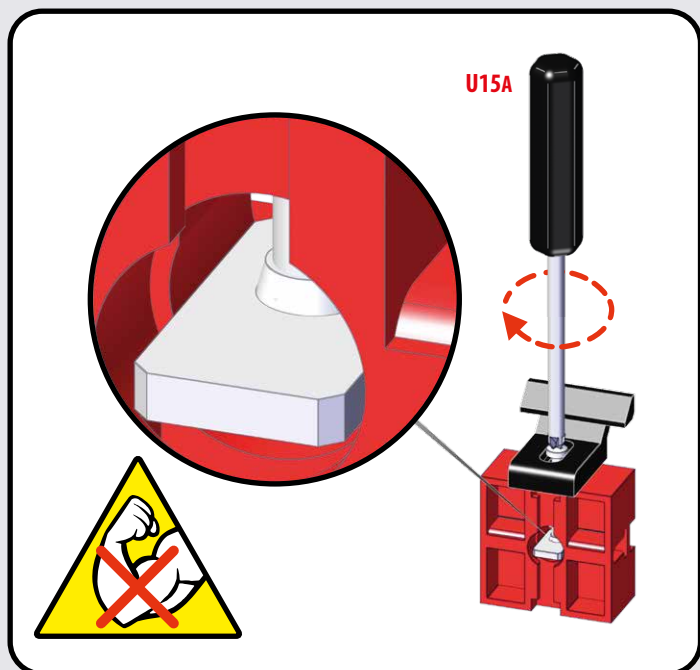
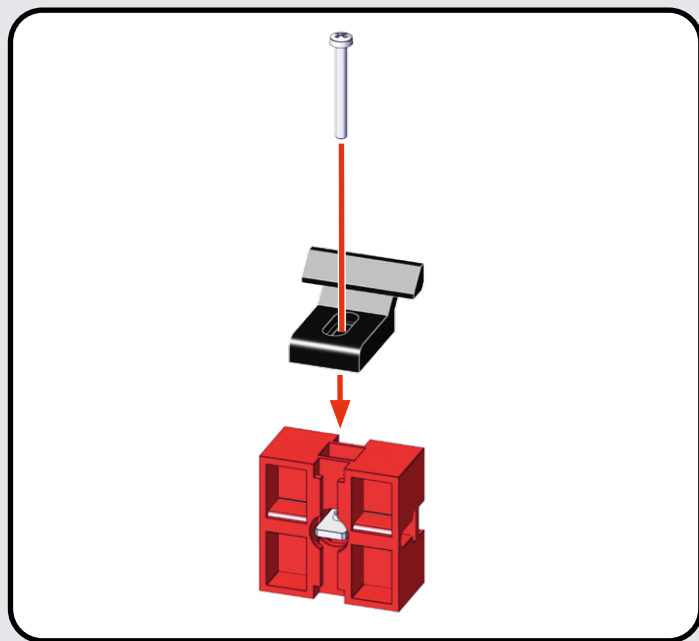
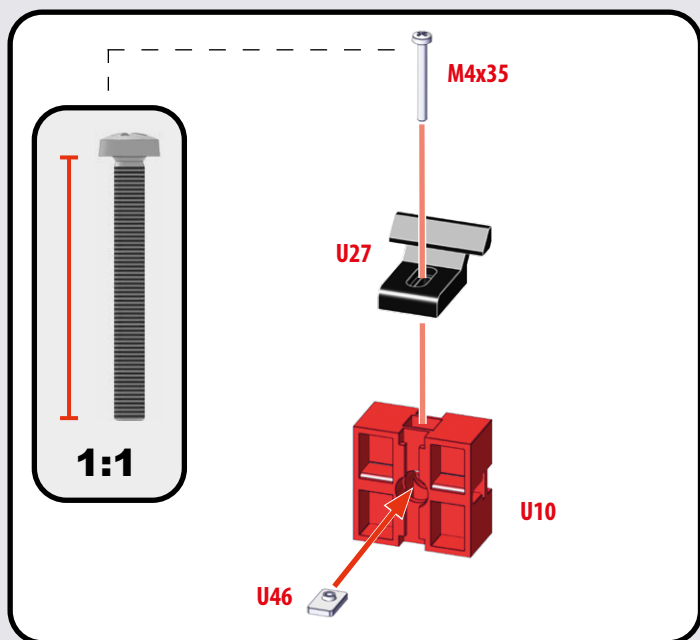


U15A

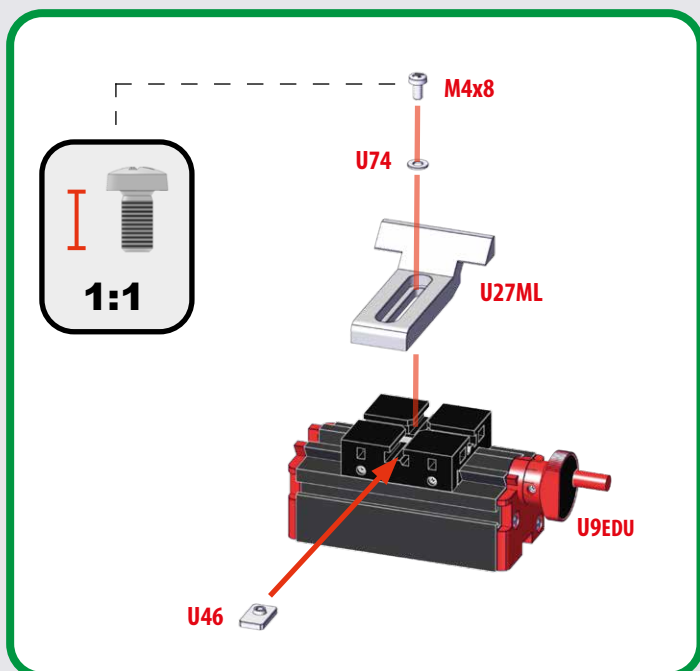


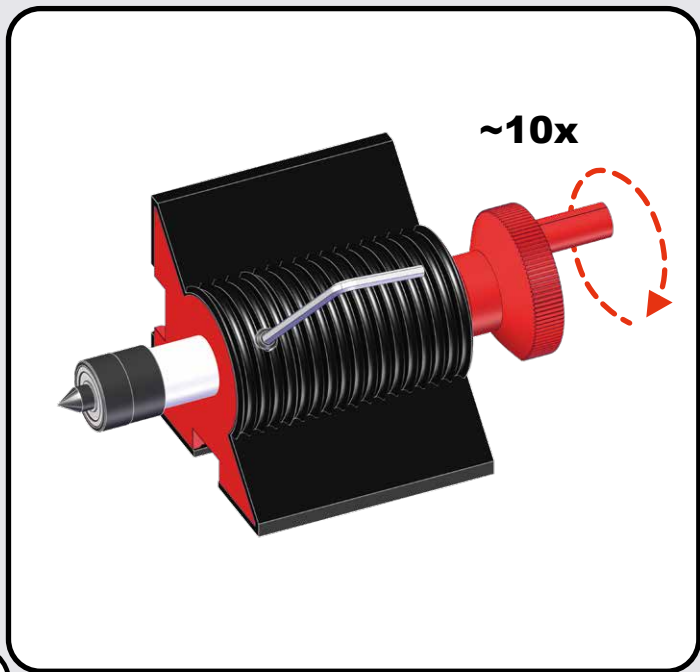
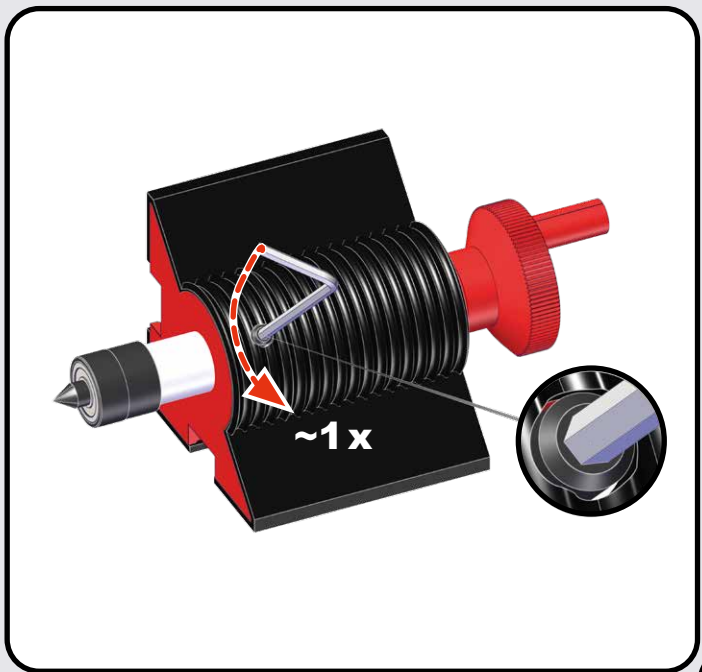
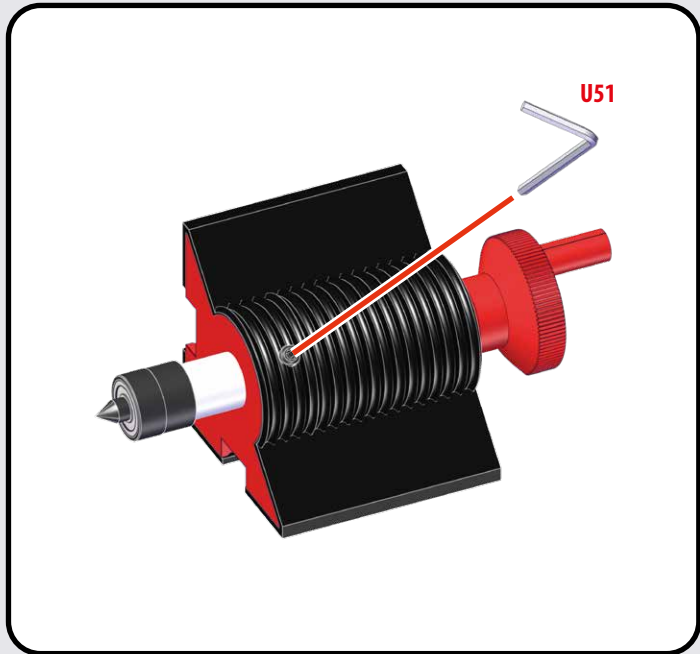
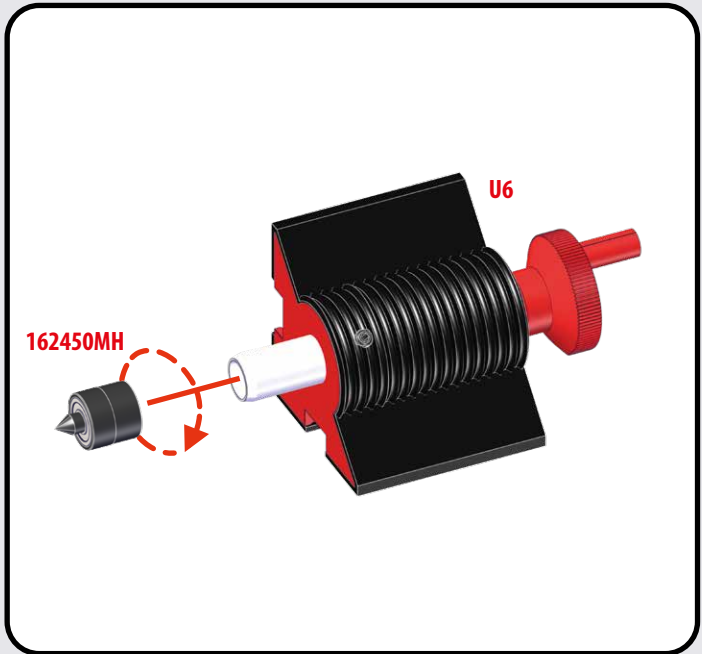
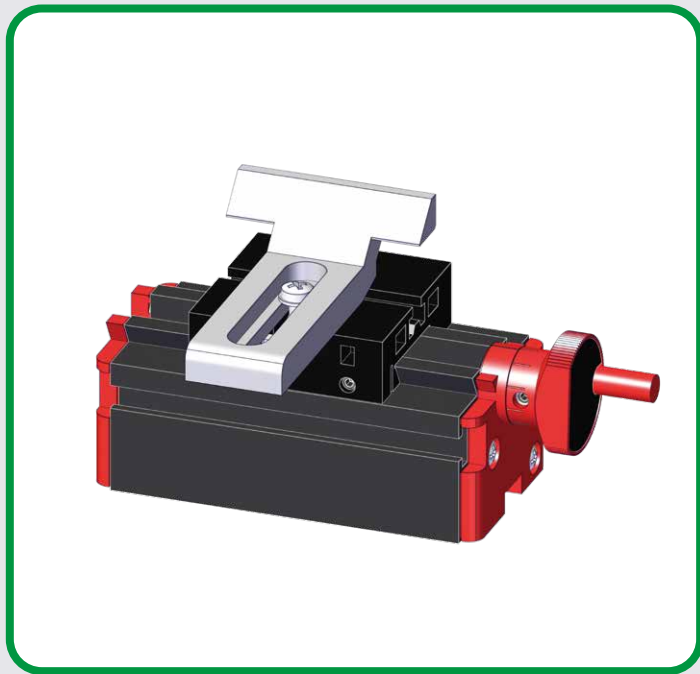
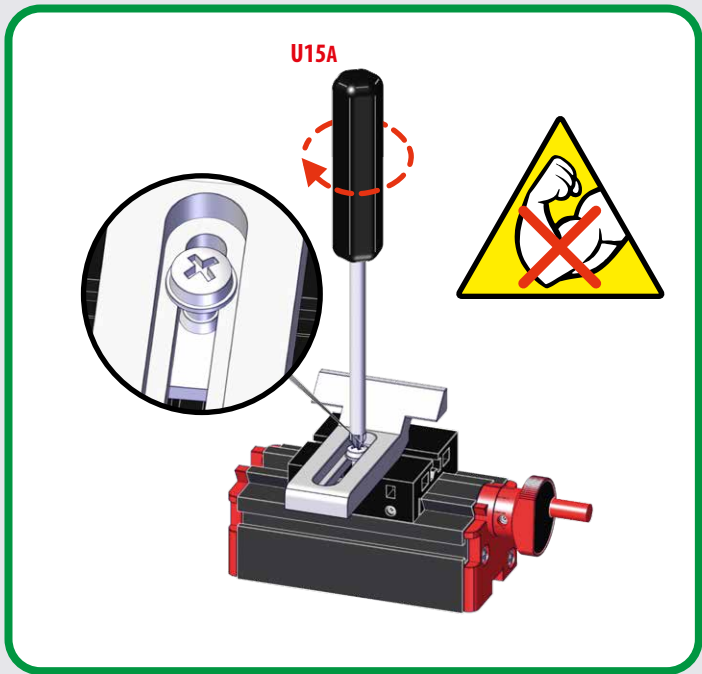


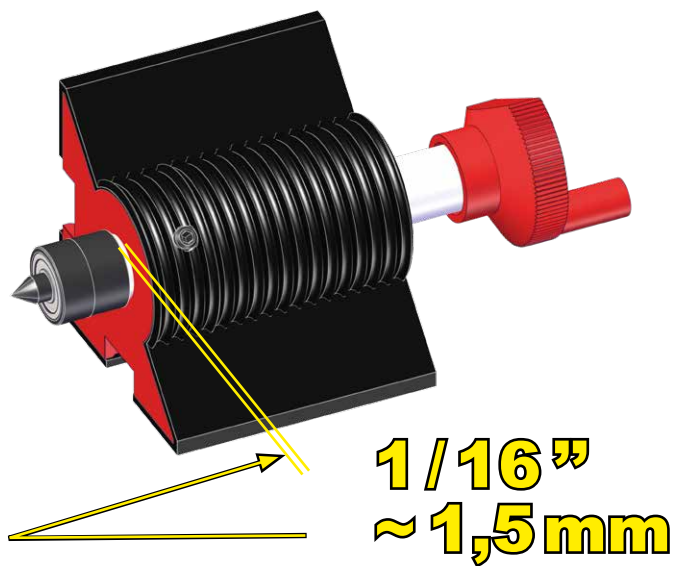




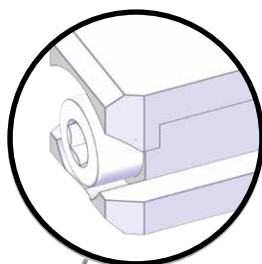
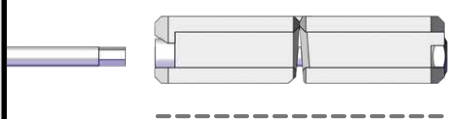
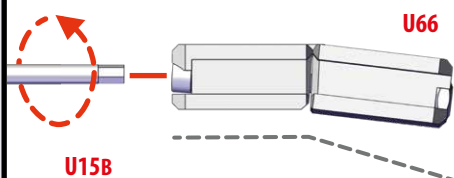
optional / optional / en option / opcional / 选配件 / опционально



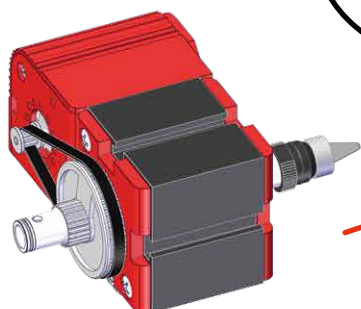
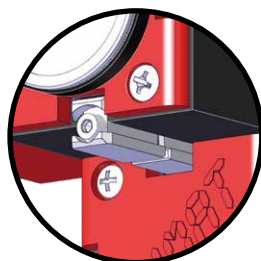
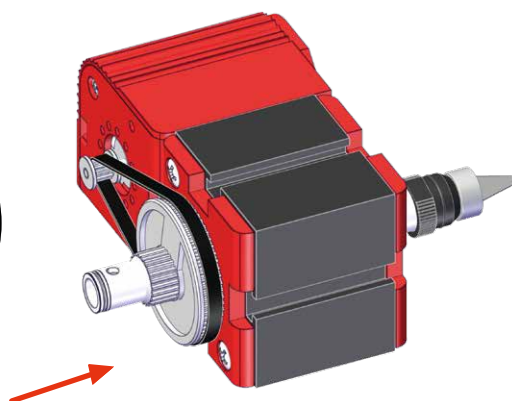


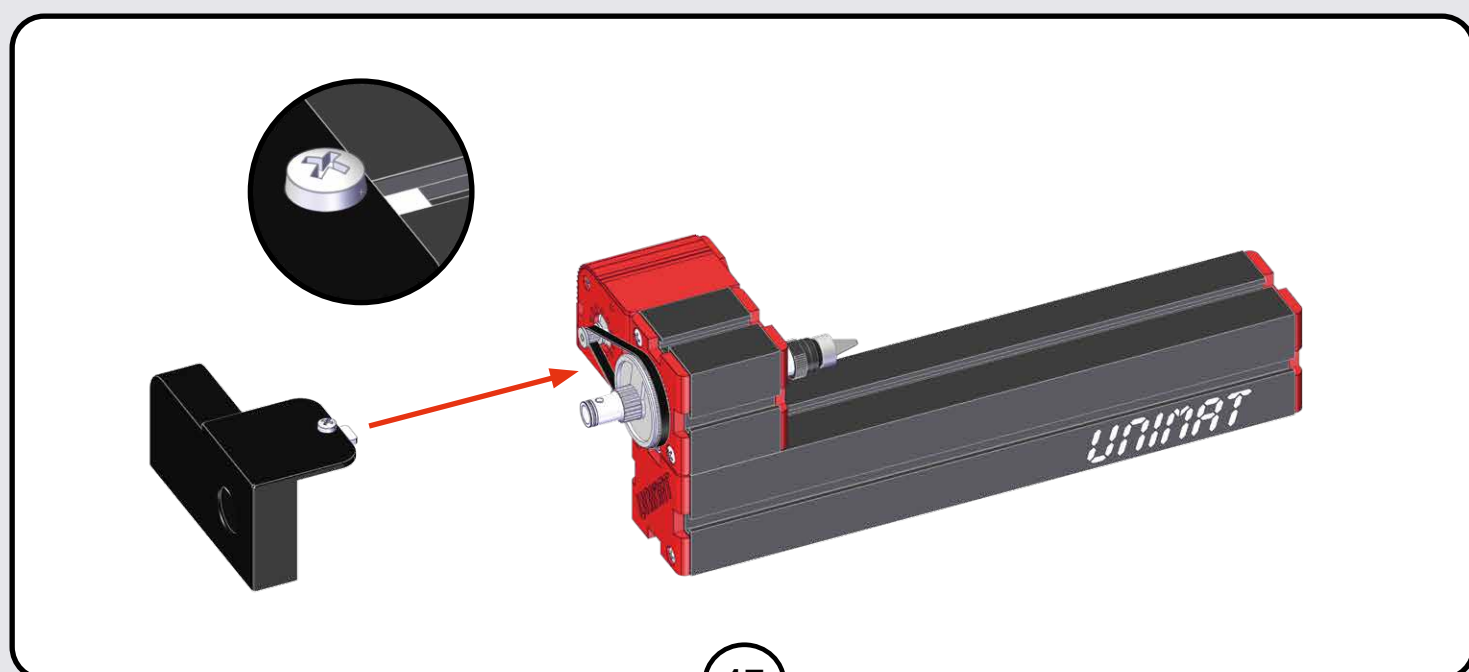
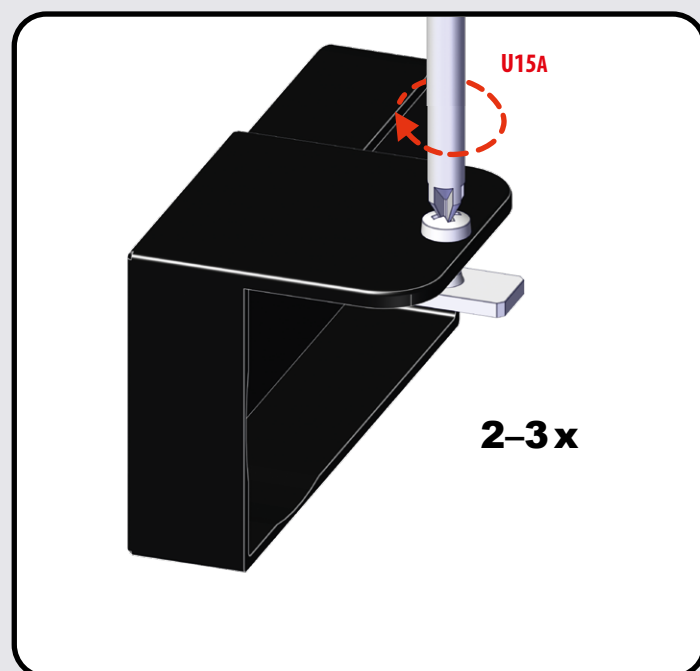
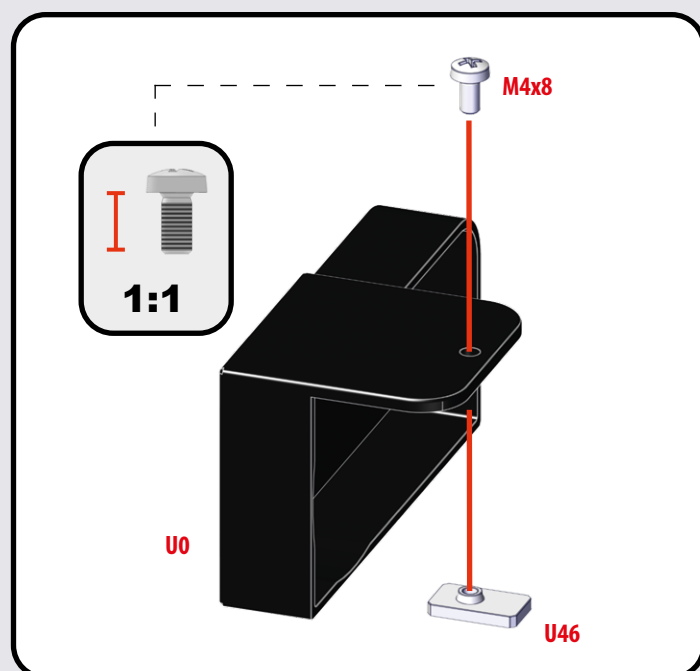
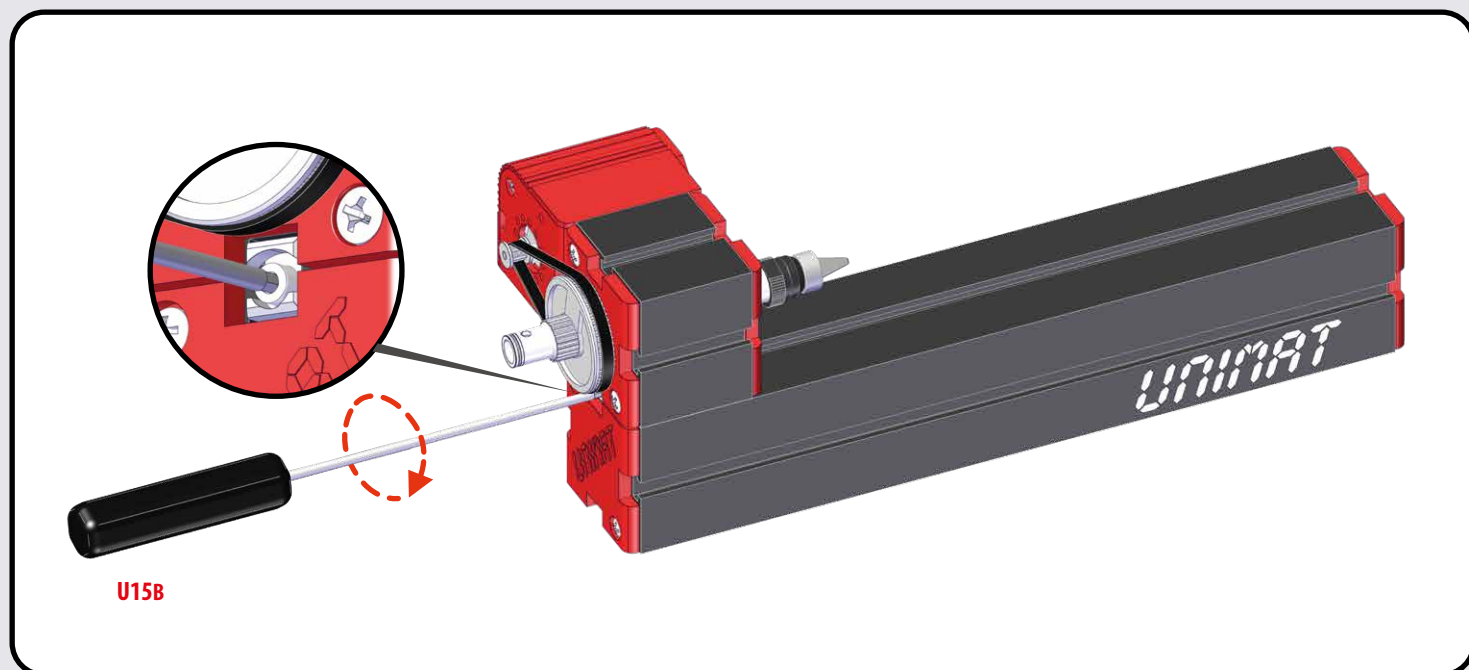


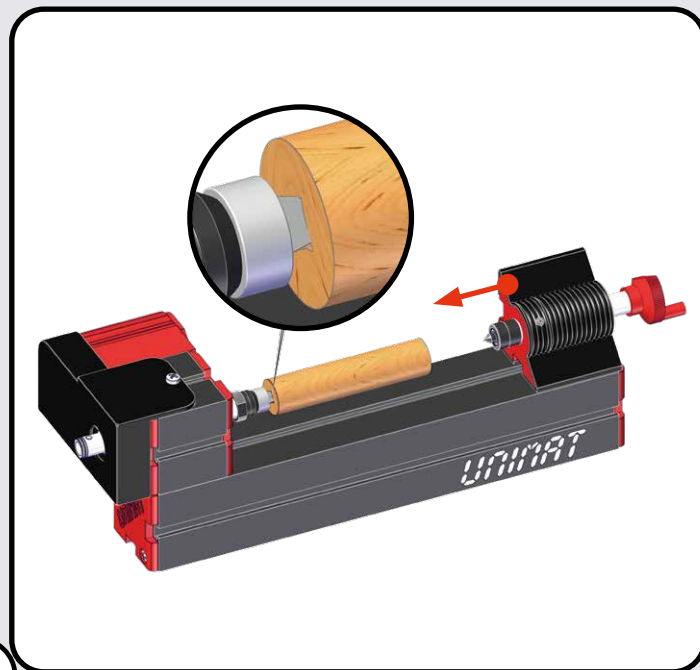
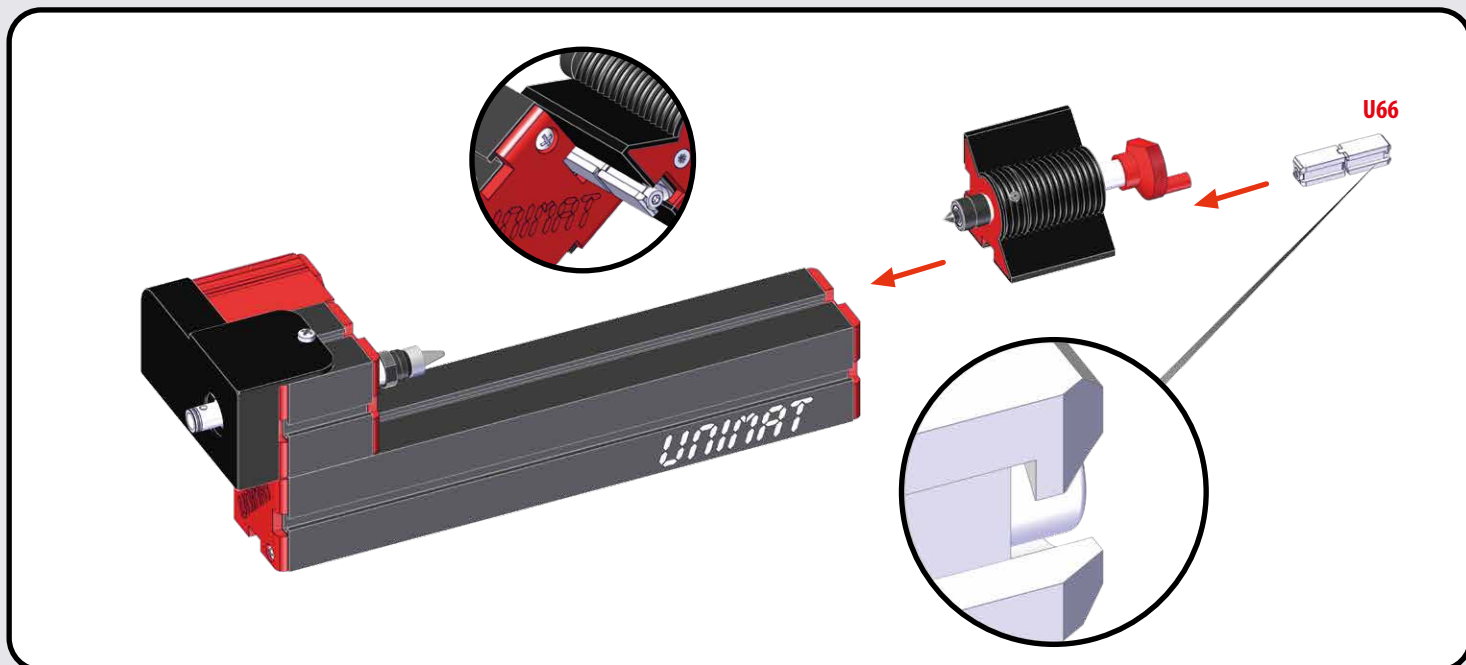
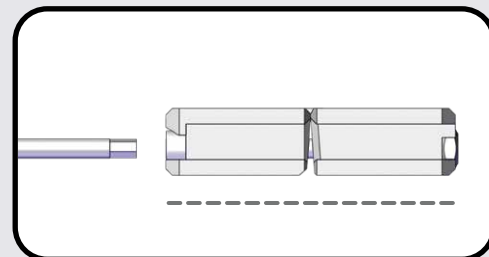
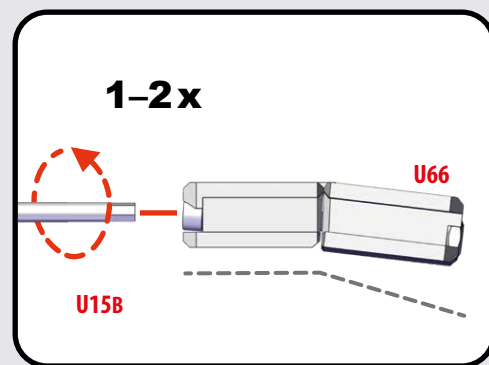
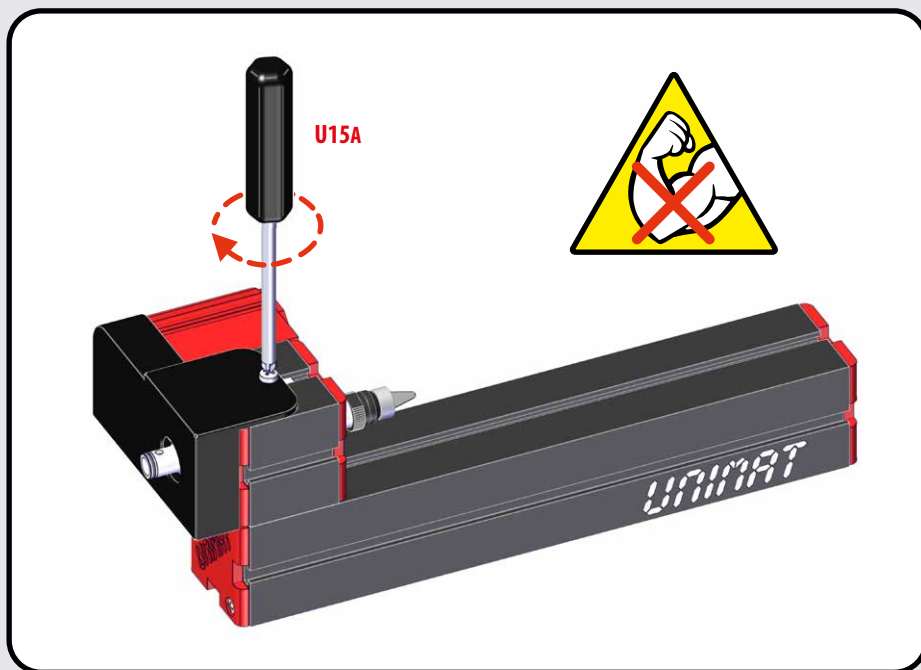
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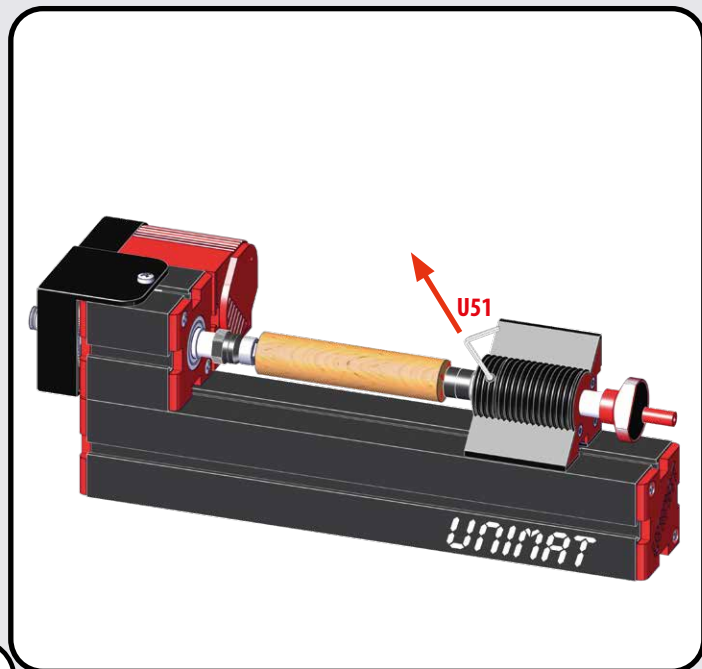
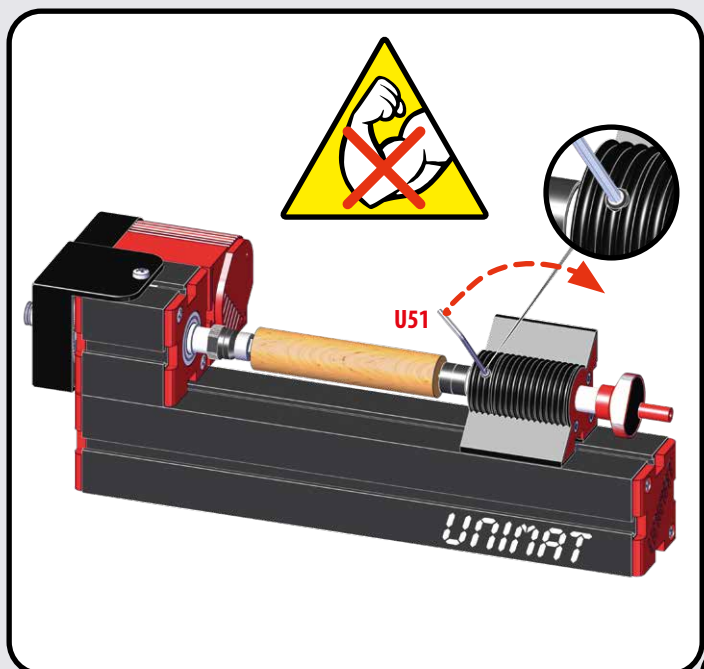
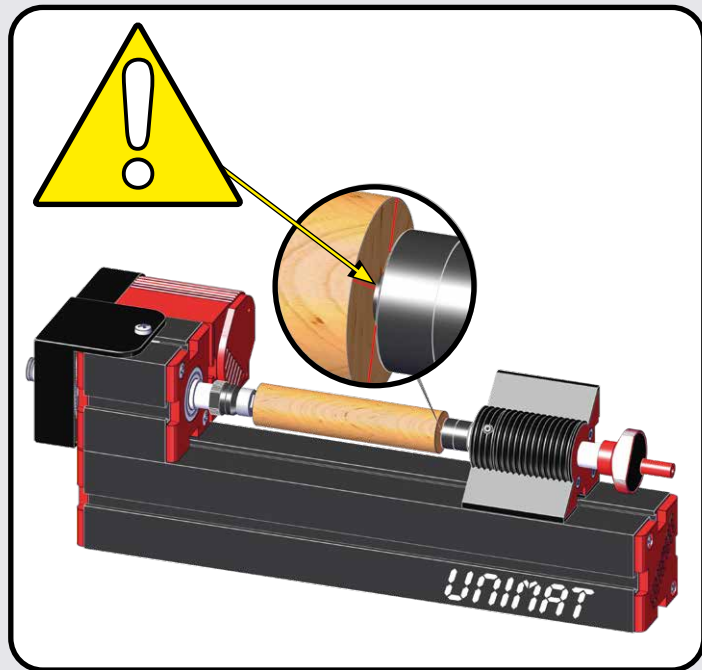
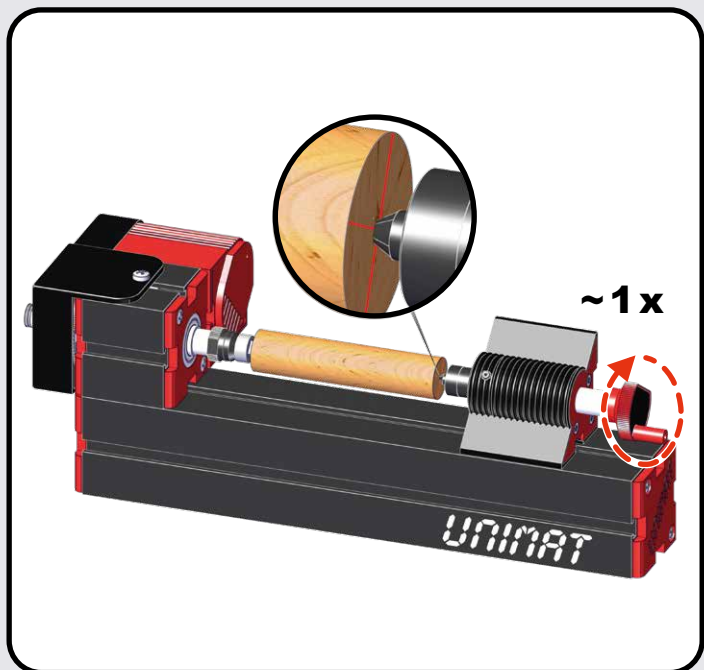
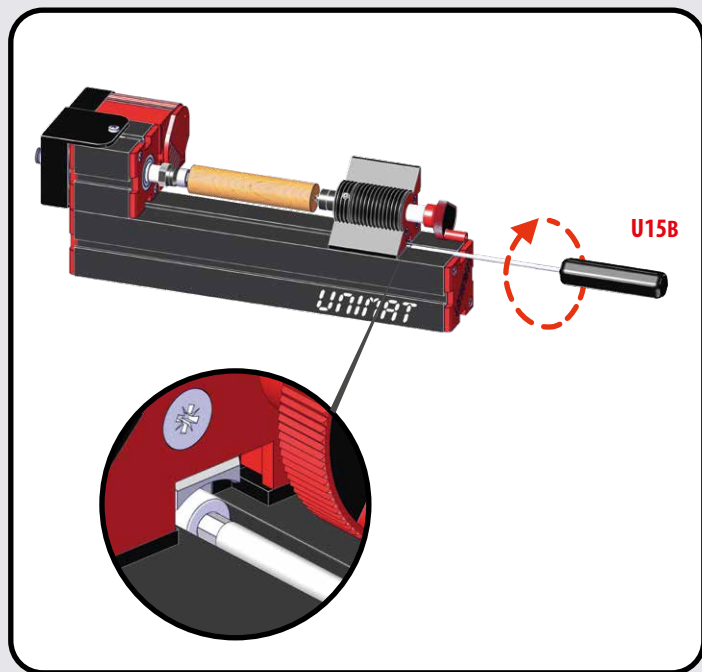
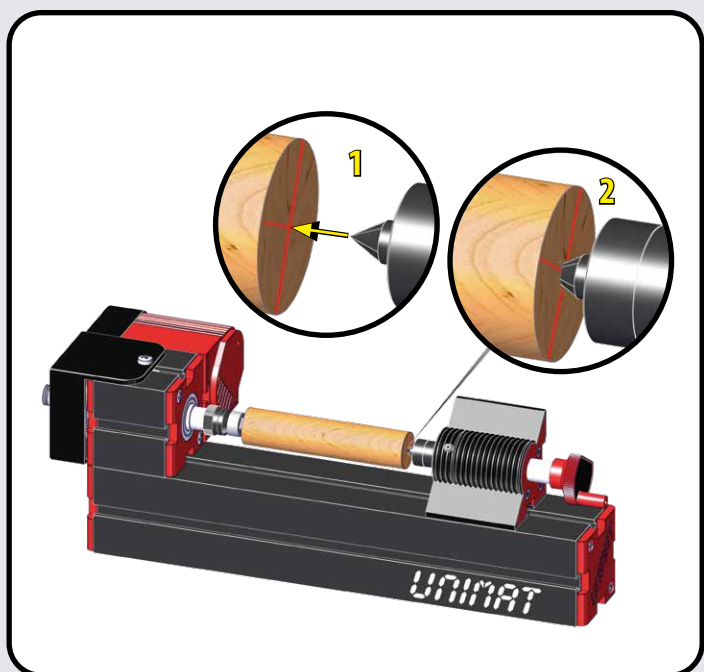


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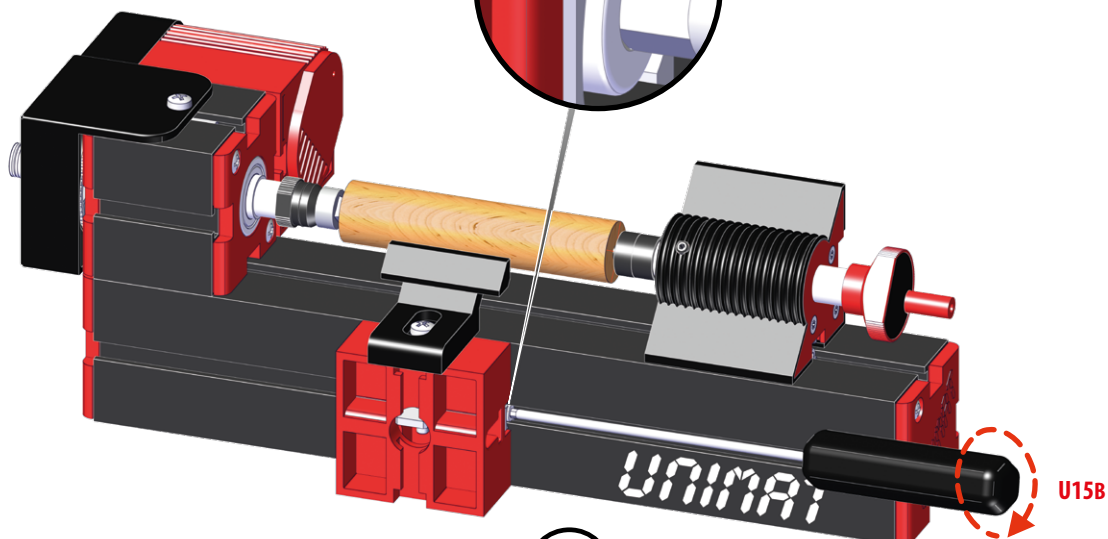
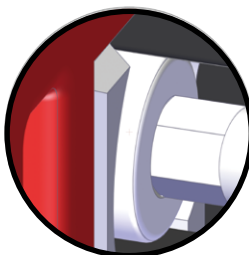
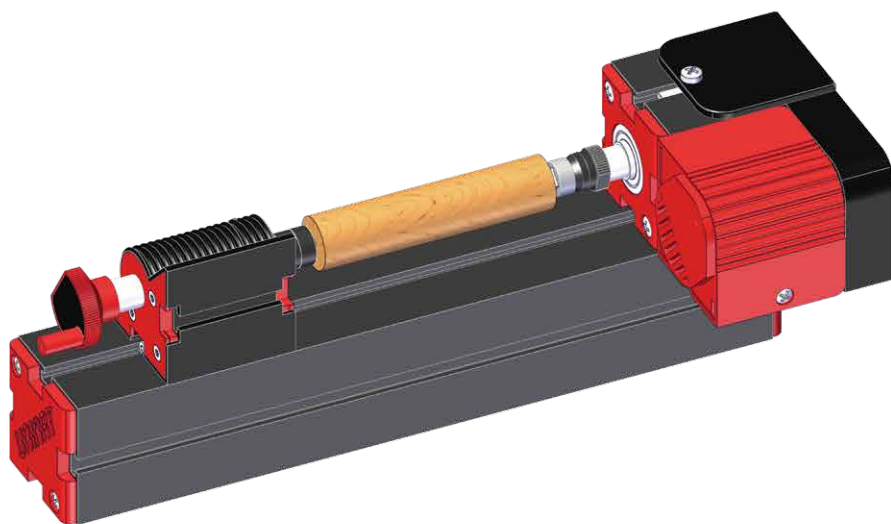
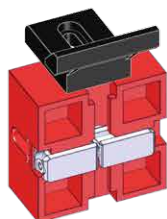
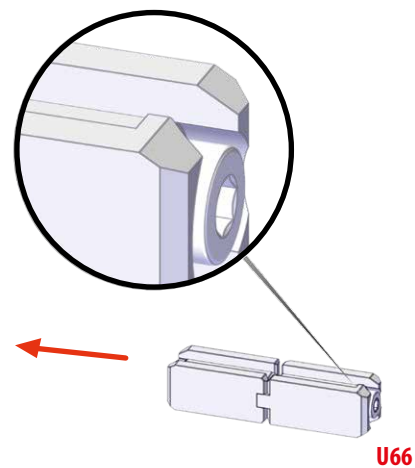
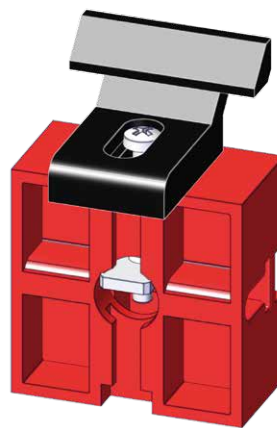
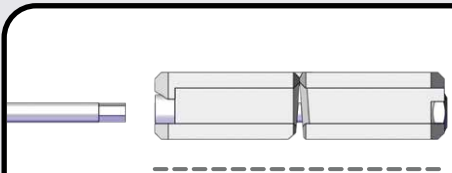
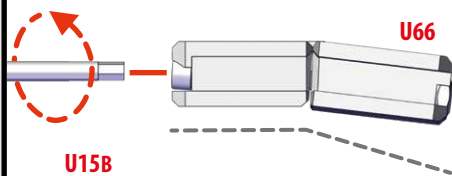




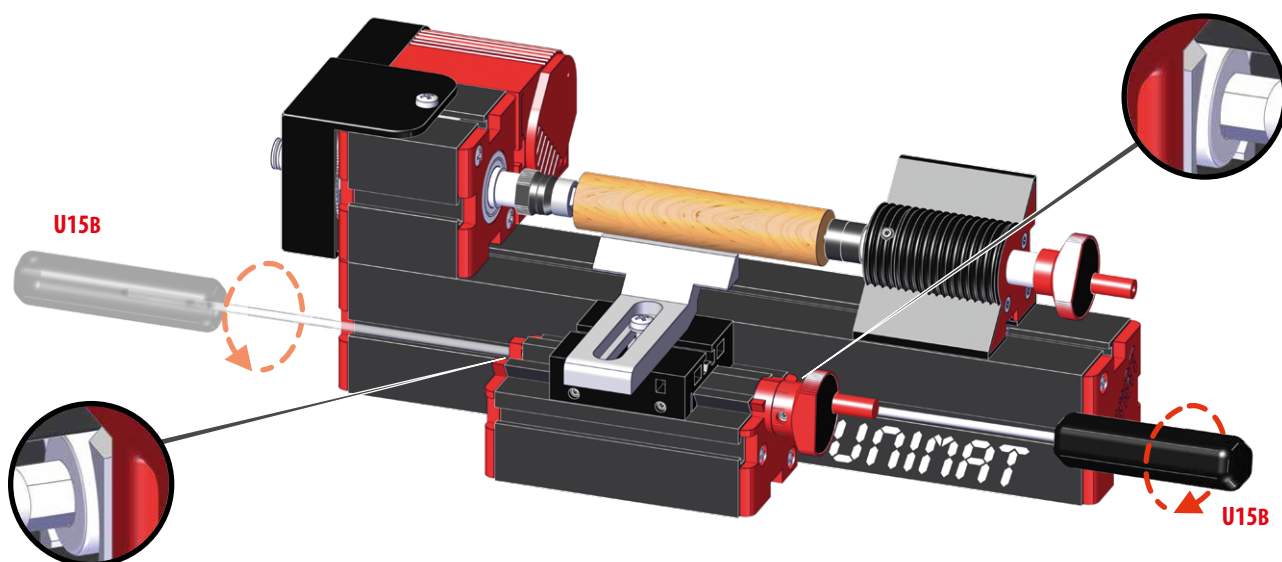
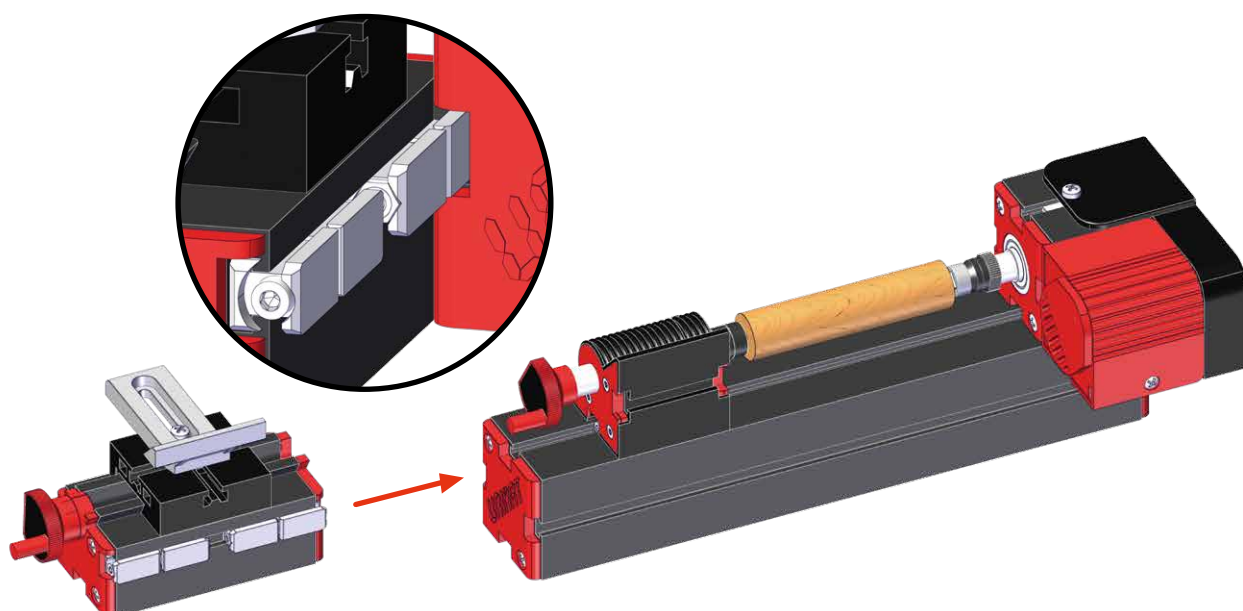
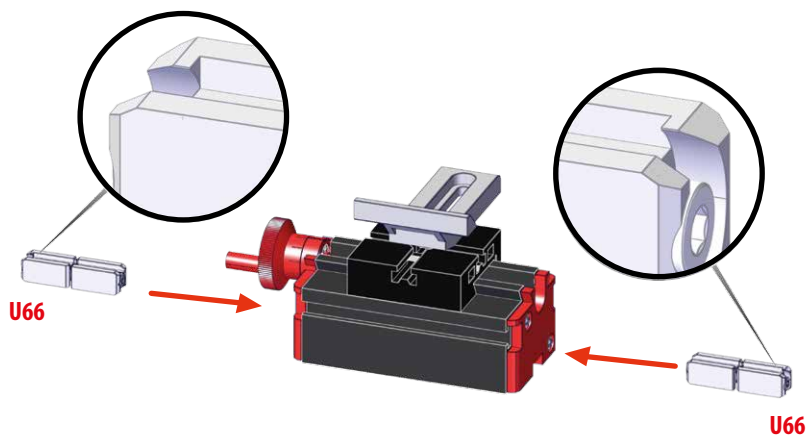
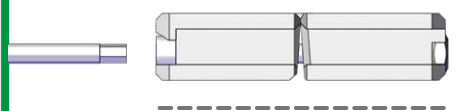
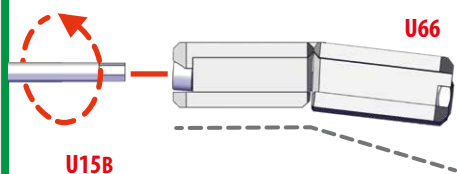


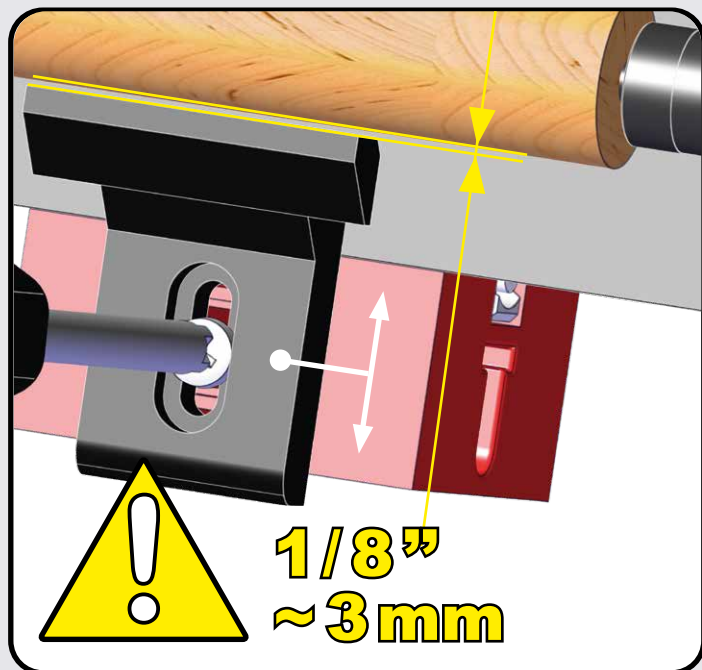
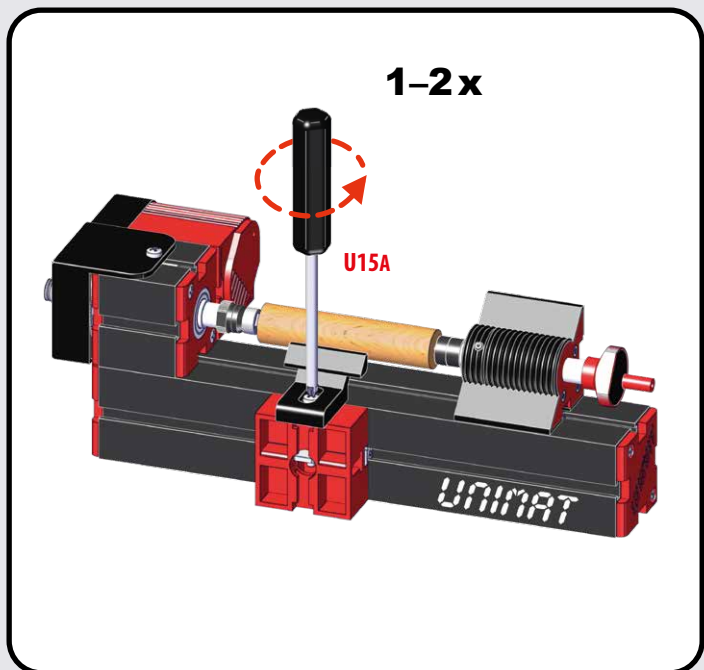


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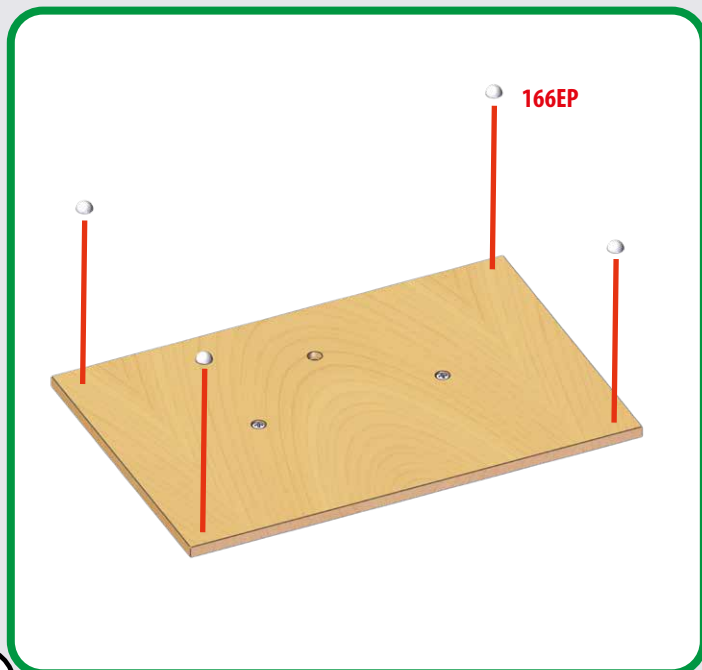
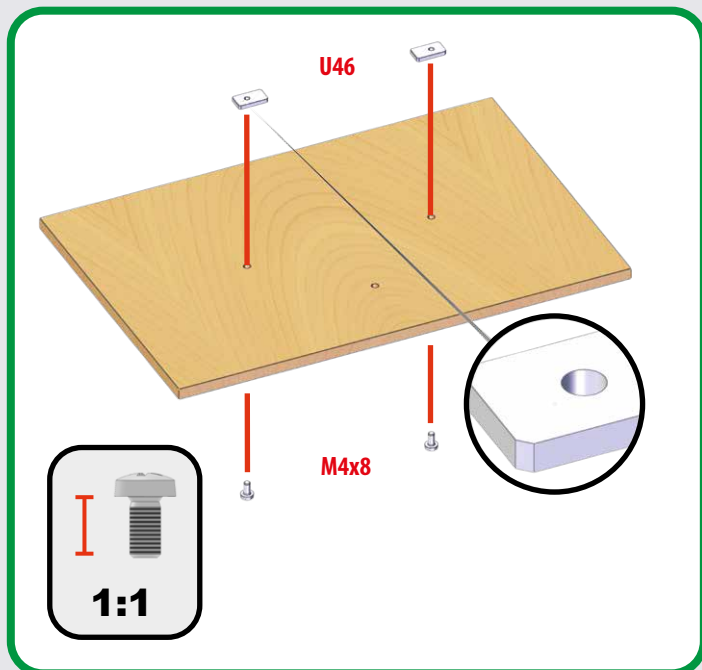


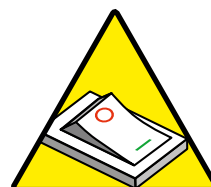
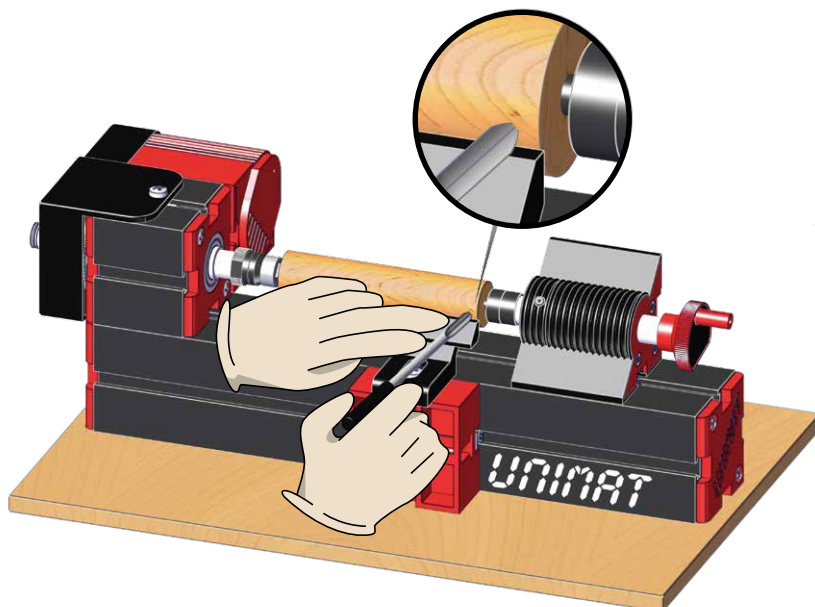
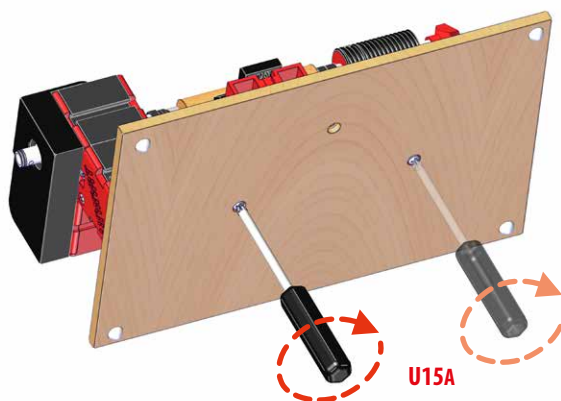
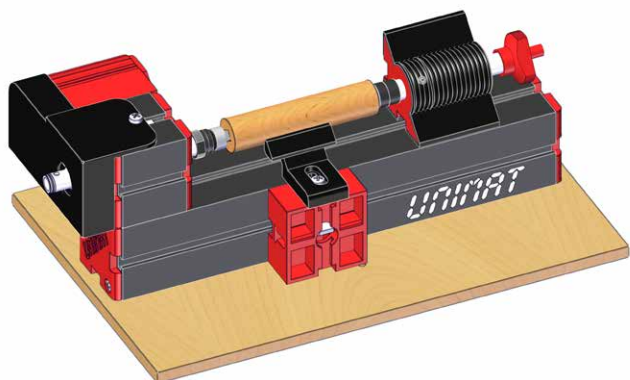
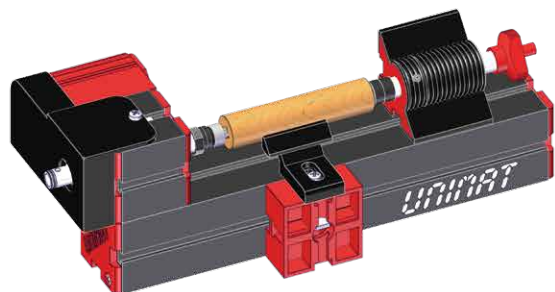
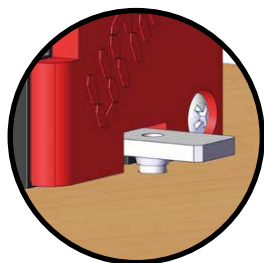
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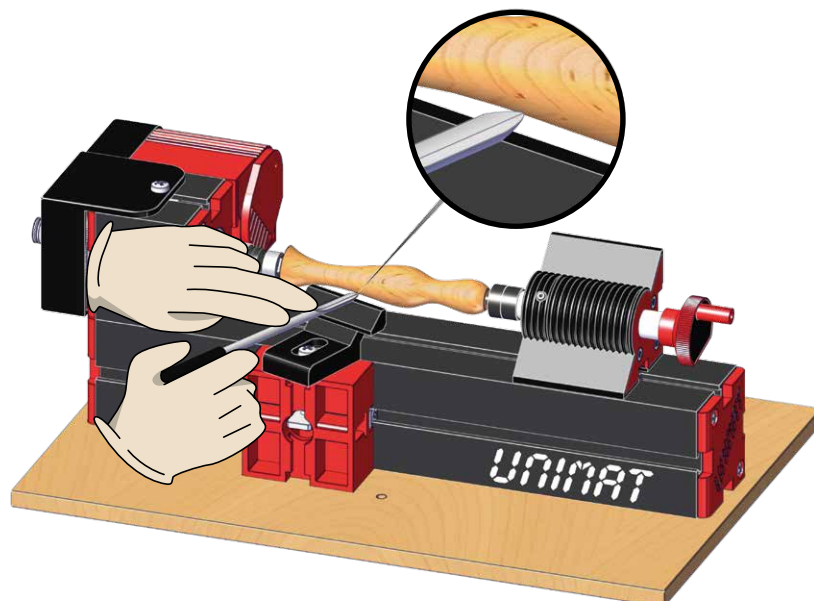
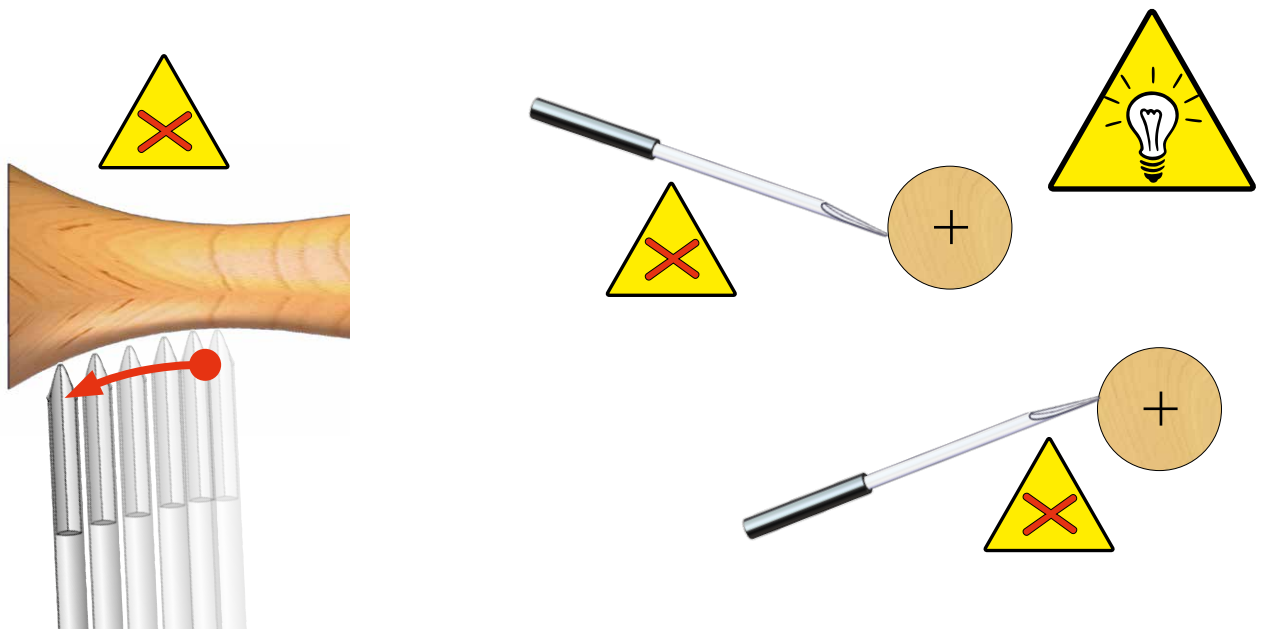
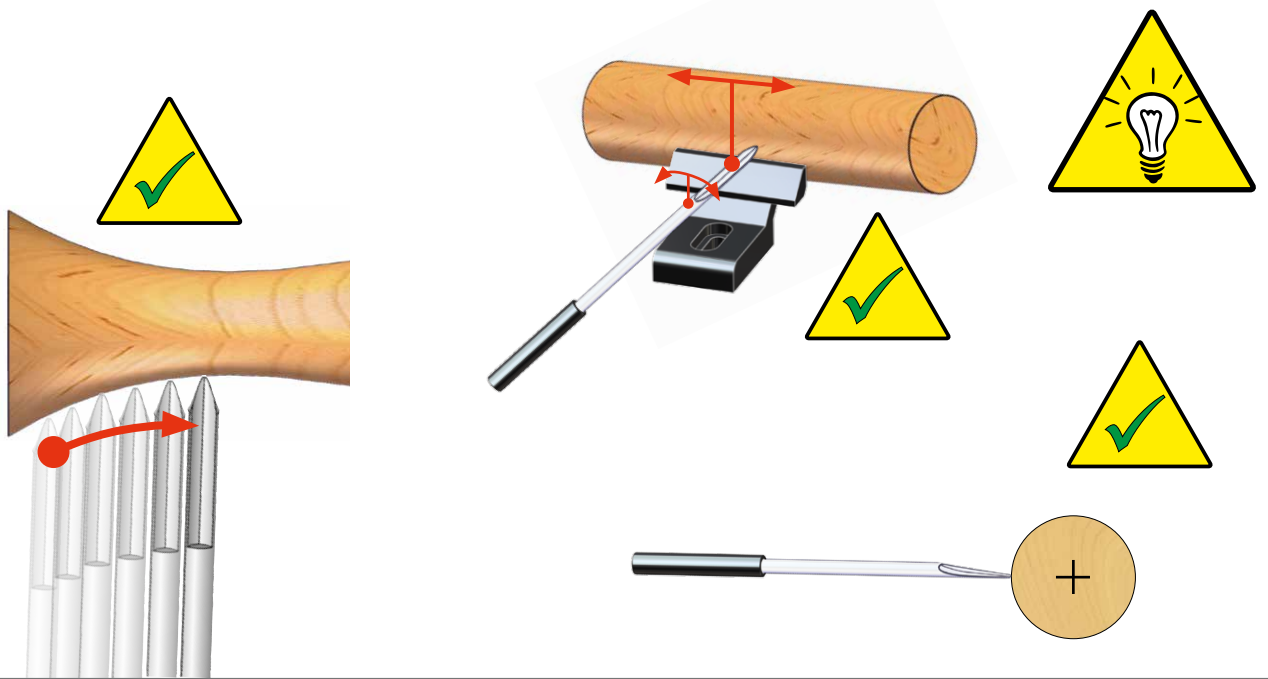


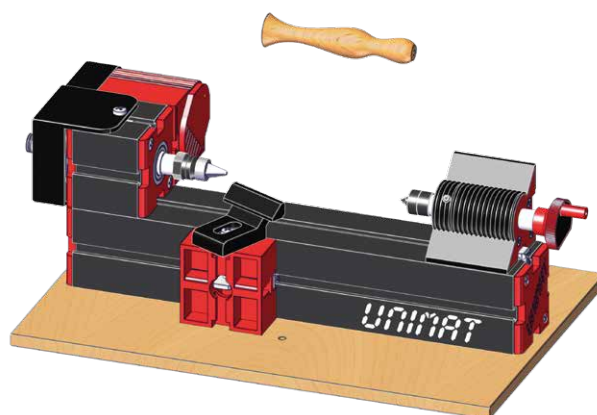
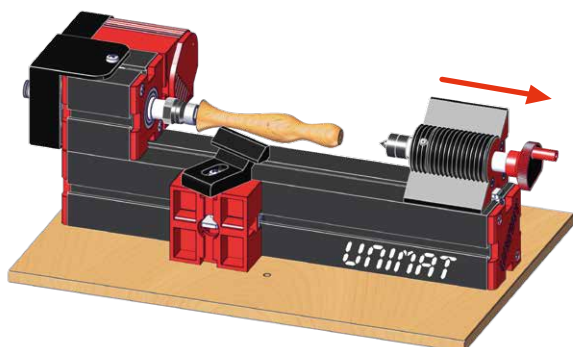
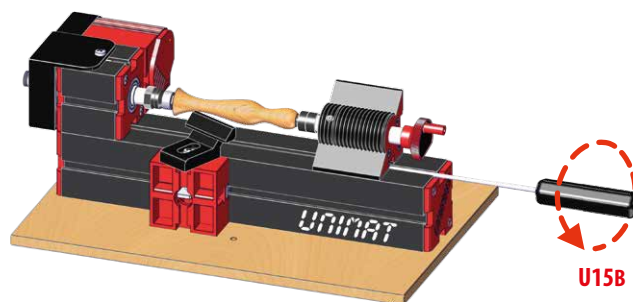
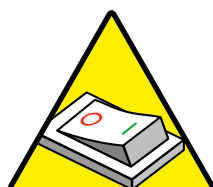
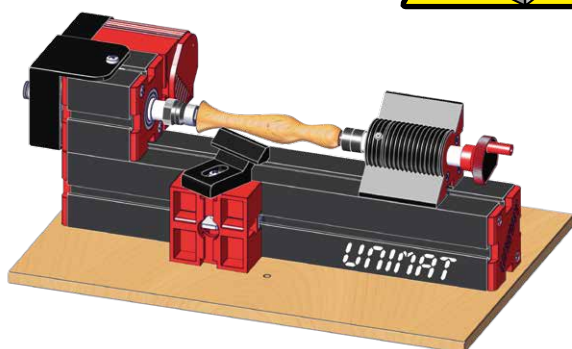
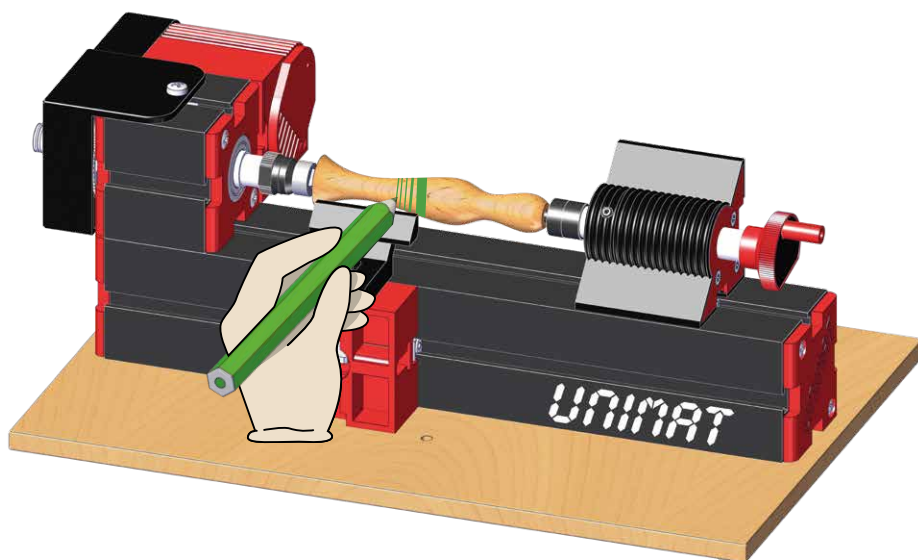


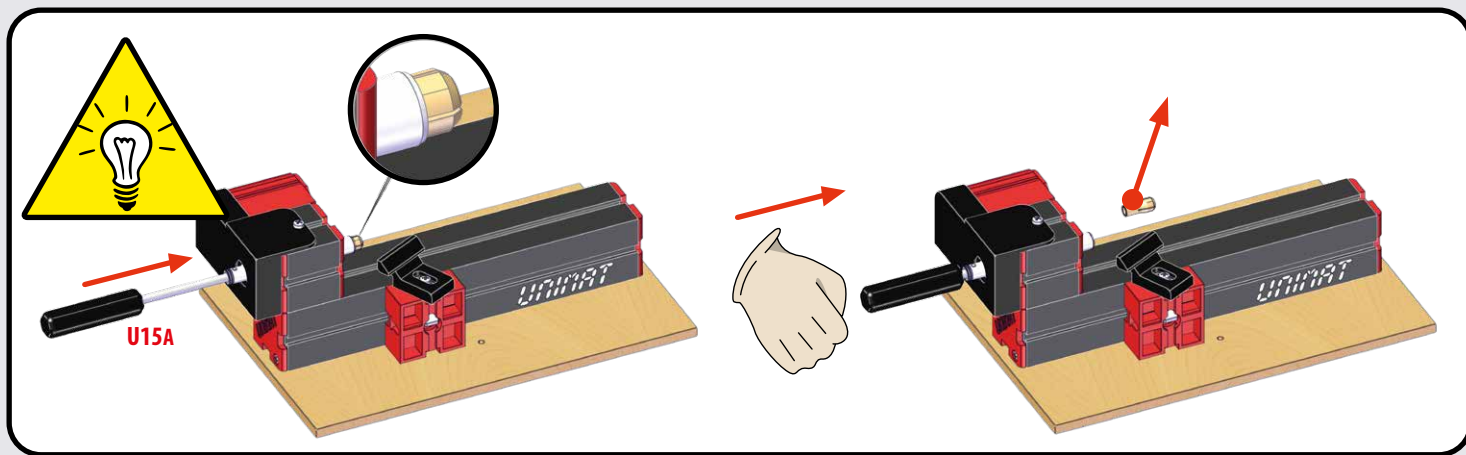
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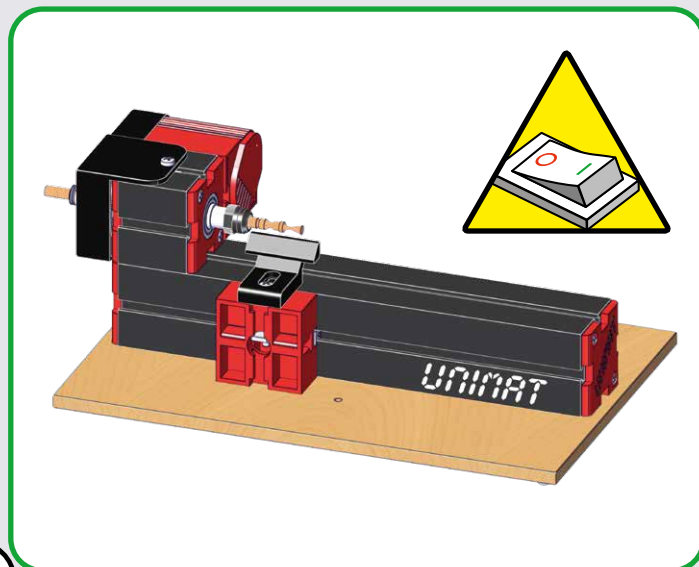
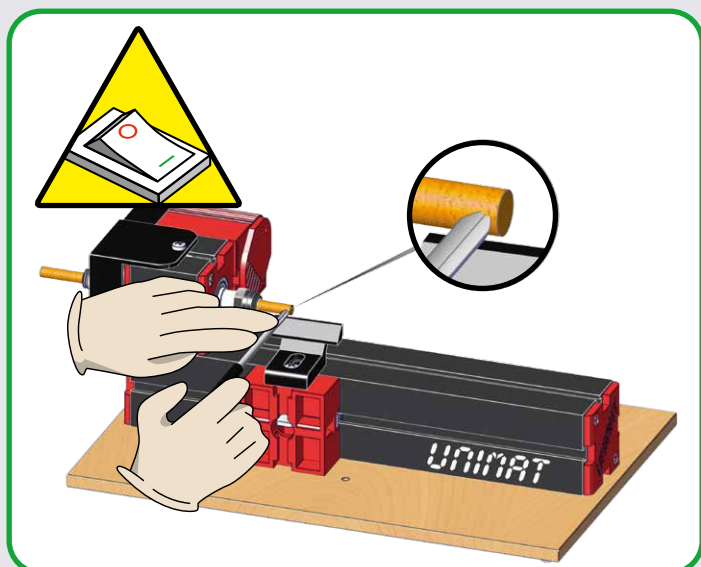
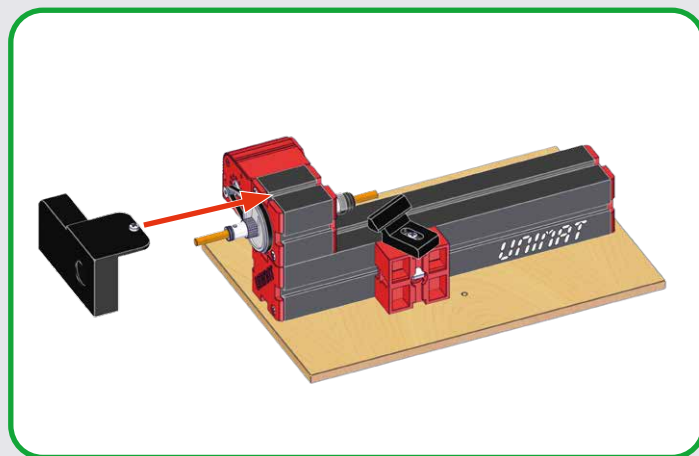
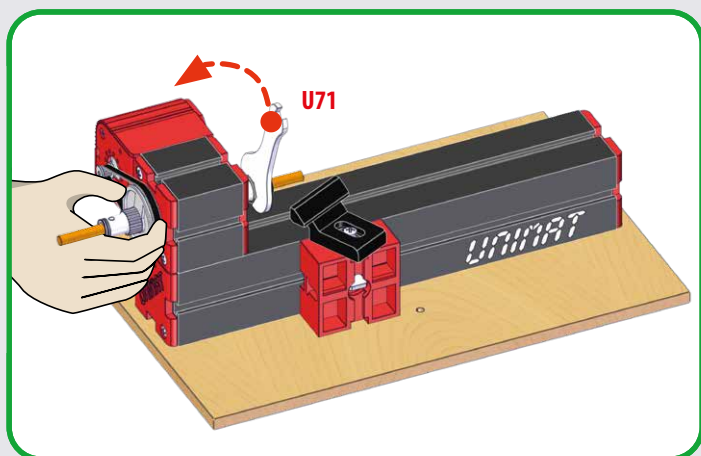
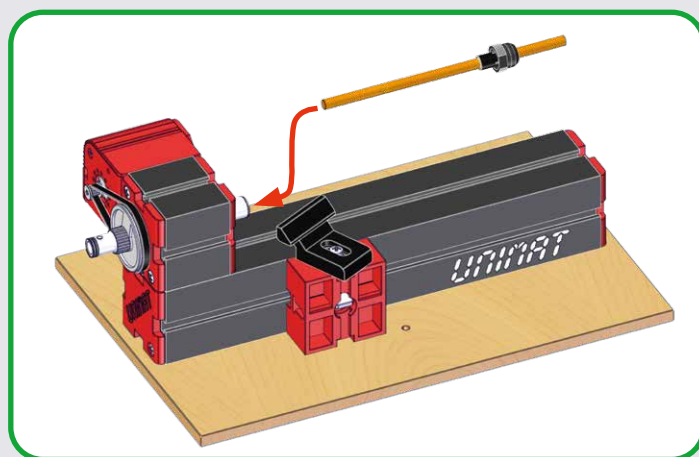
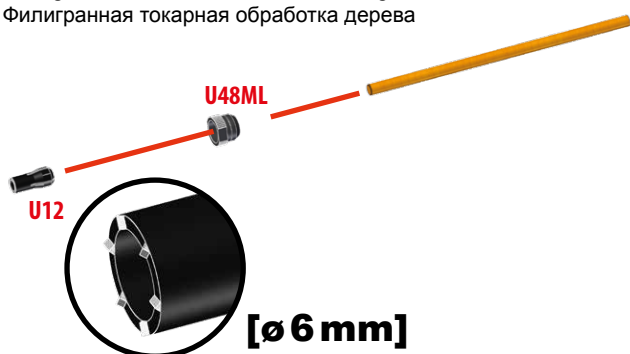




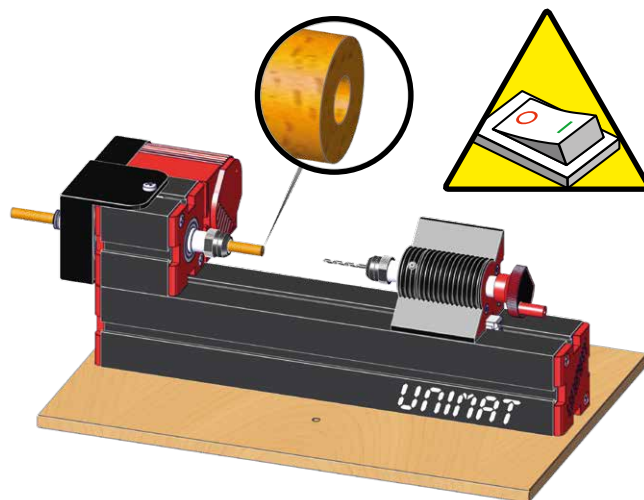
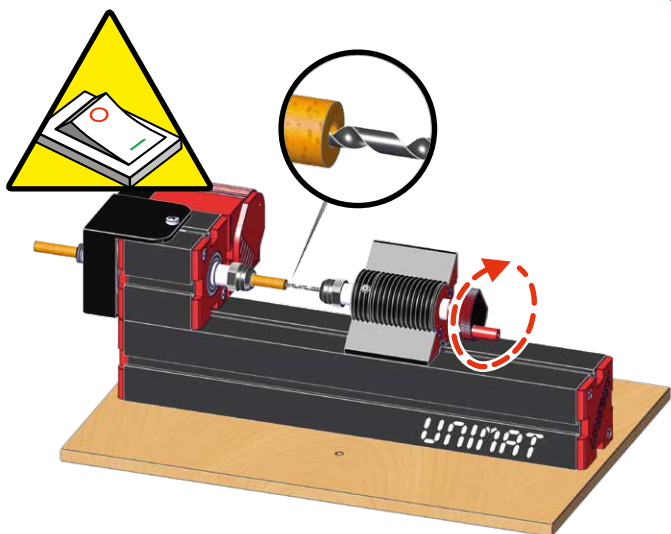
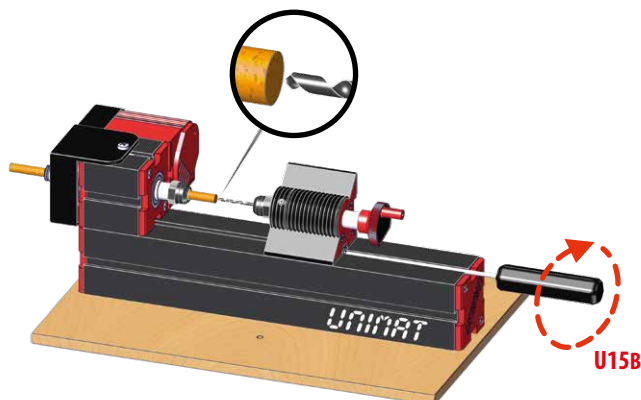
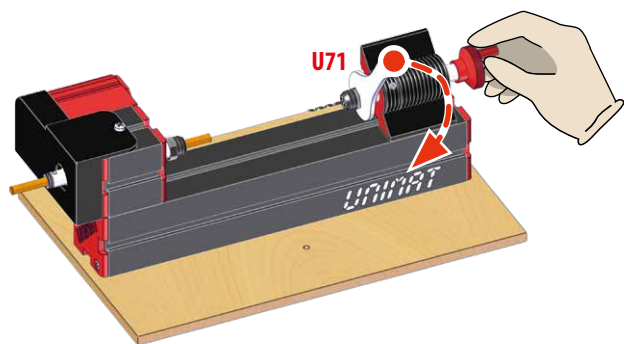
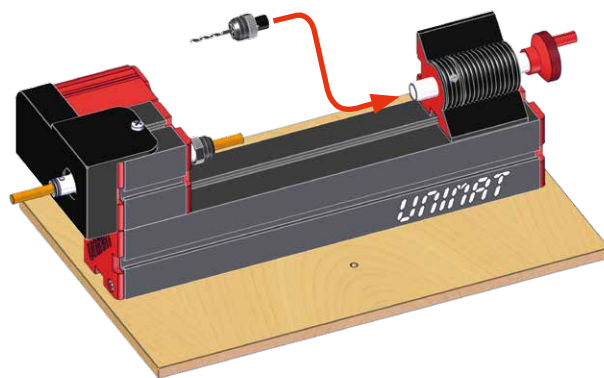
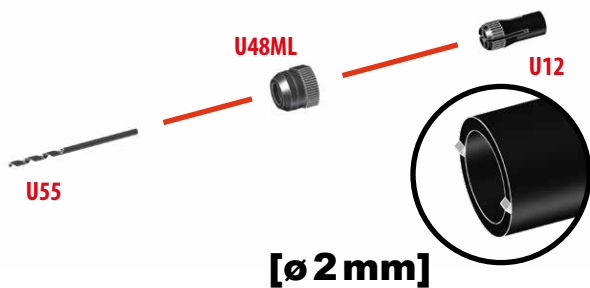


Varianten / variants / variantes / variantes / 变体 / варианты

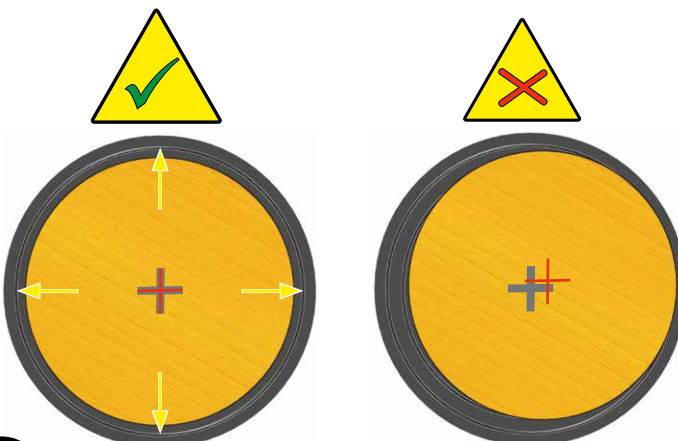
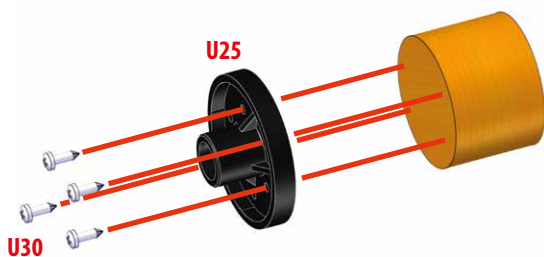
Filigrandrehsehn / Filigree wood turning / Tournage du bois en filigrane / Torneado de madera de filigrana / 花丝木车削 / Филигранная токарная обработка дерева

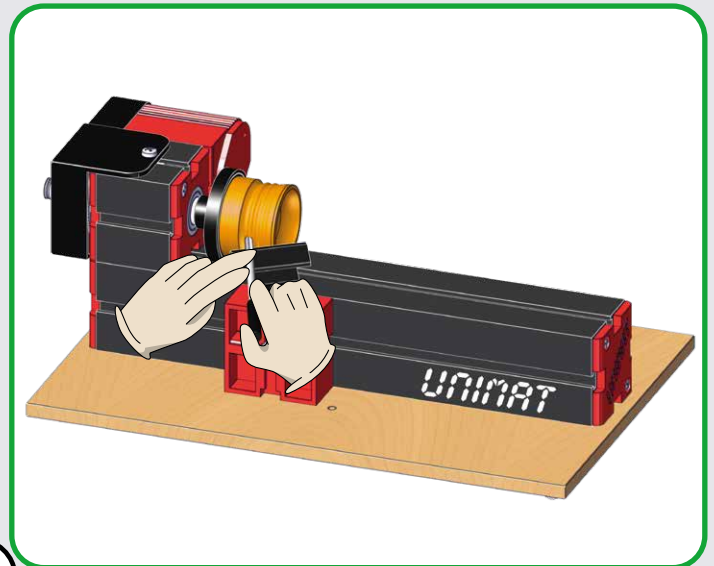
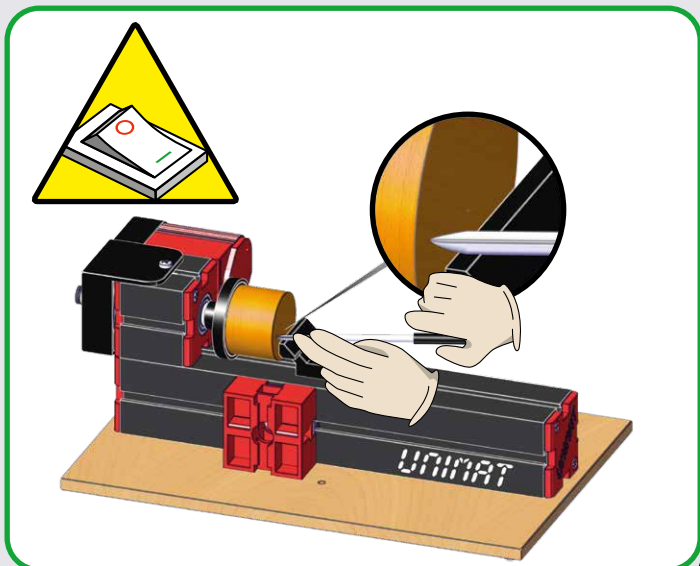
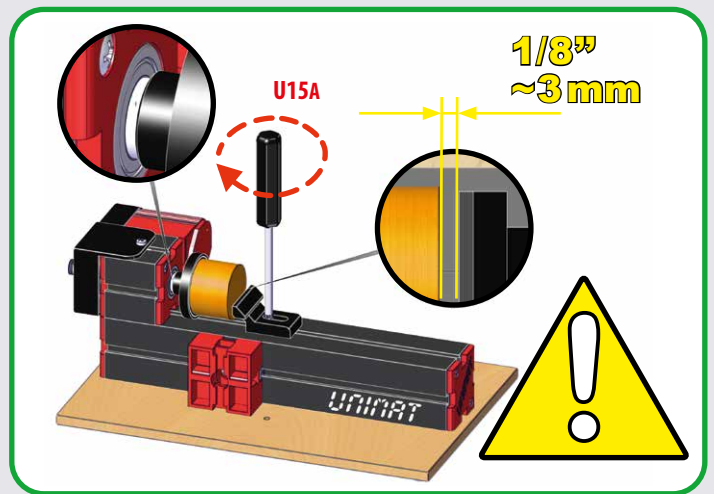
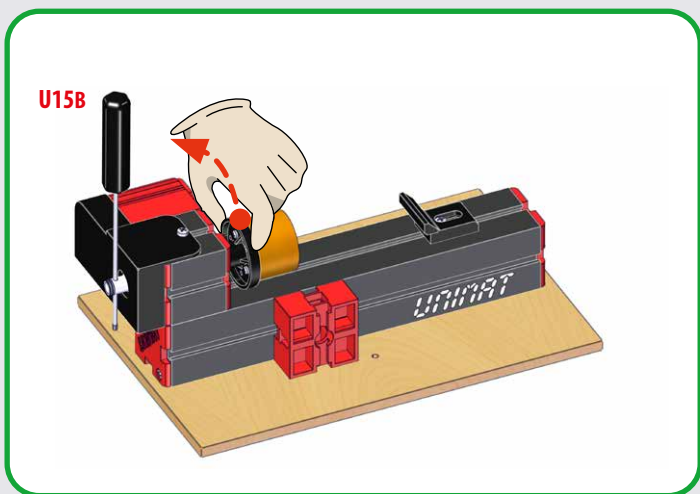
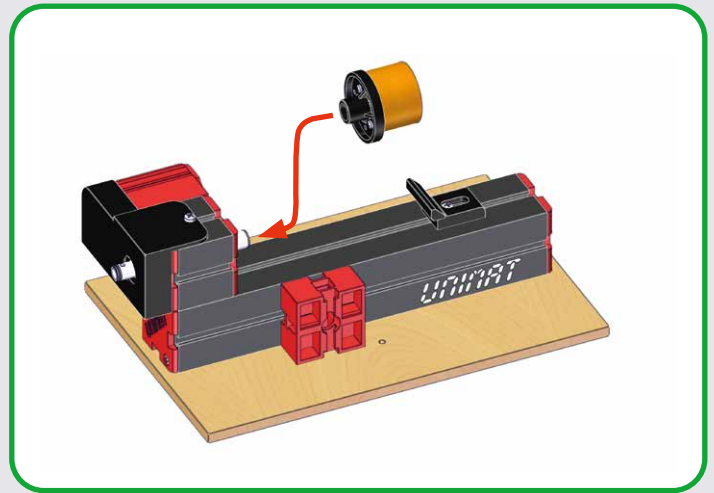
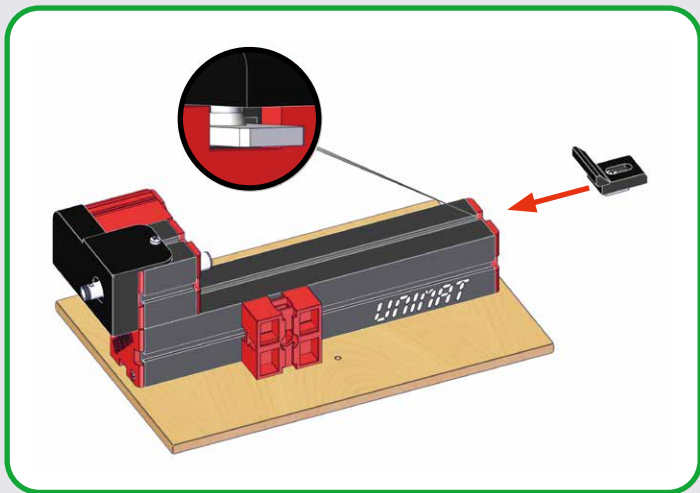
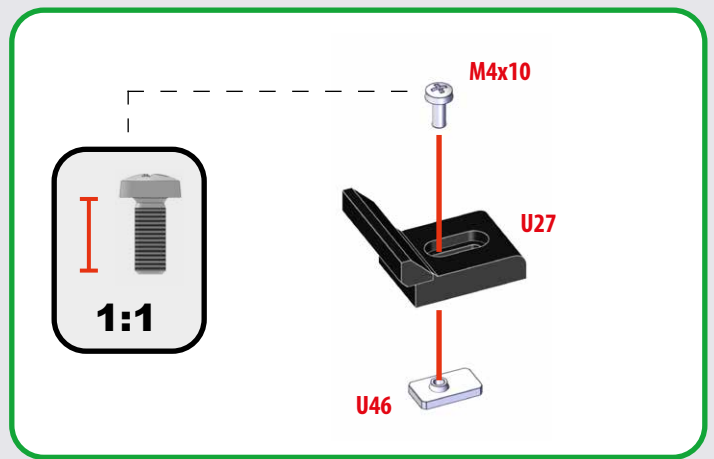
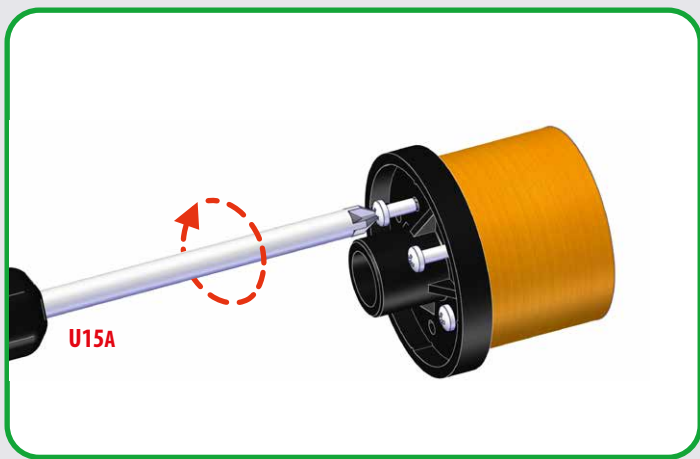


Zentrierbohren / Centre drilling / Forage à centre / Taladrar centrado / 用尾座进行中心孔加工 / Центральное сверление



Querholzdreheln / Faceplate turning / Tournage de bois taillé contre les fibres / Tornear traviesas / 面板加工 / Центральное сверление





UNIMAT 1 Basic



Stichsäge

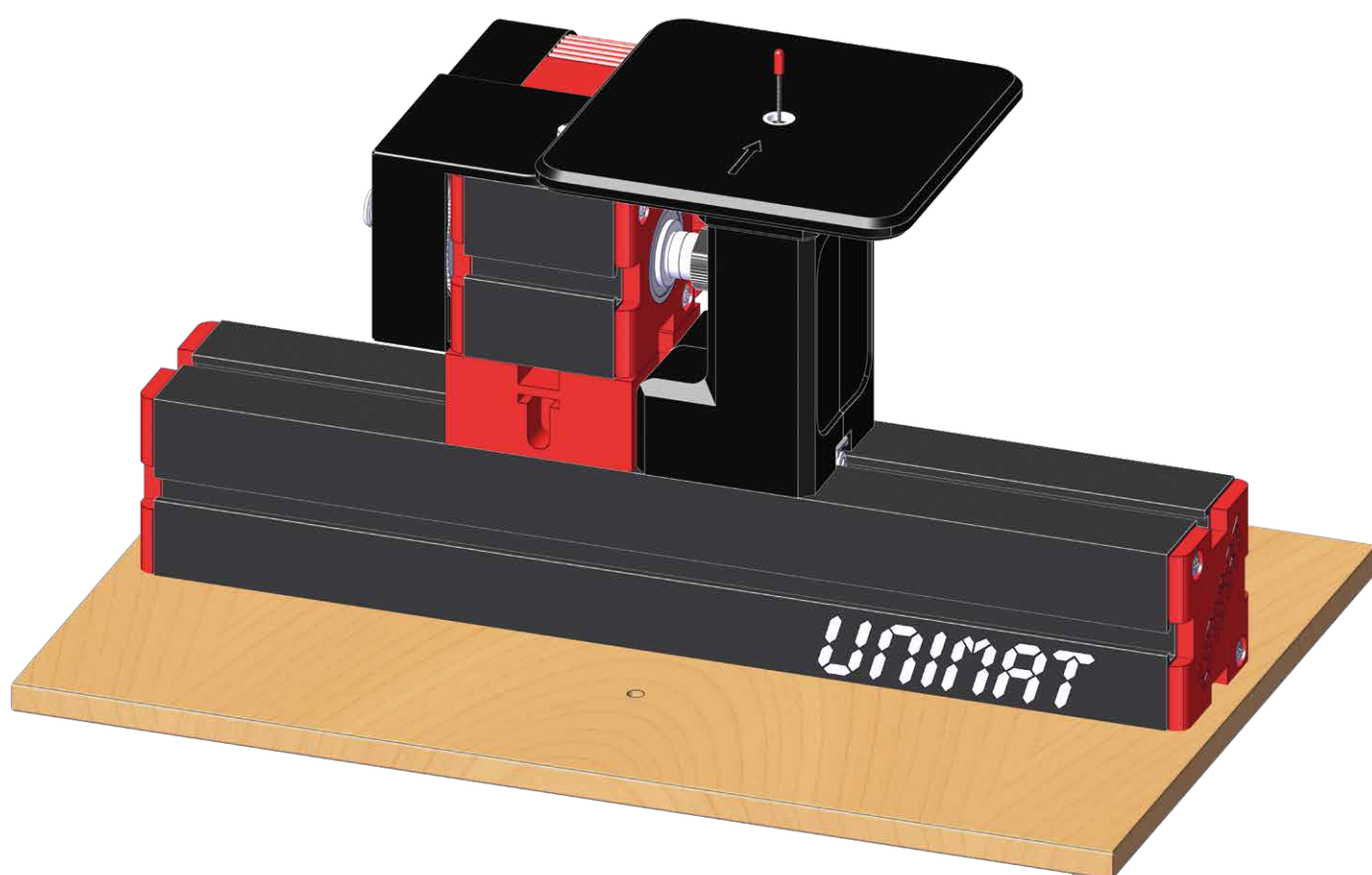
Jig-saw

Scie sauteuse

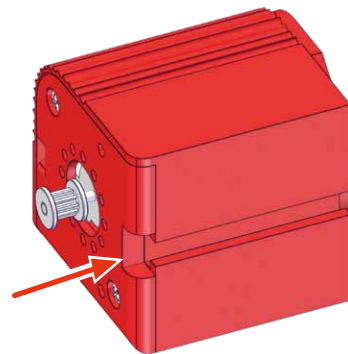
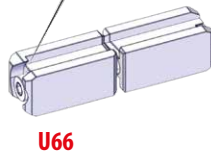
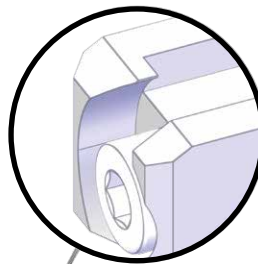
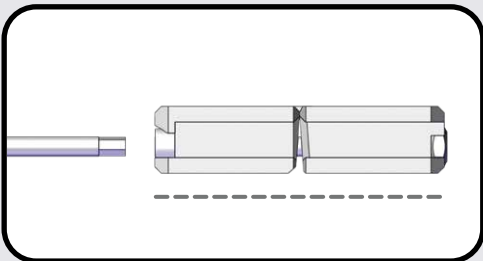
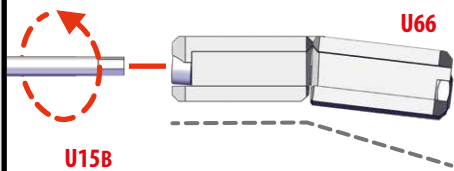
Sierra de calar

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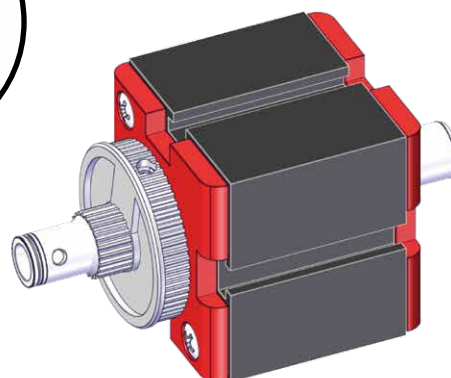
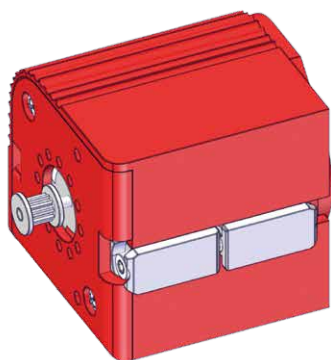
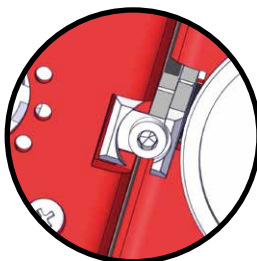
Лобзик



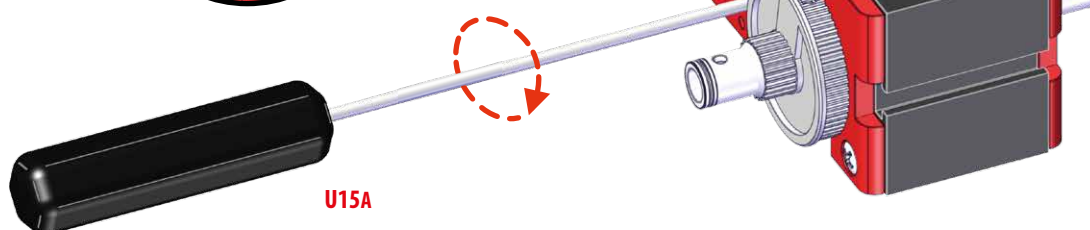
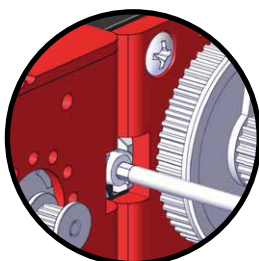
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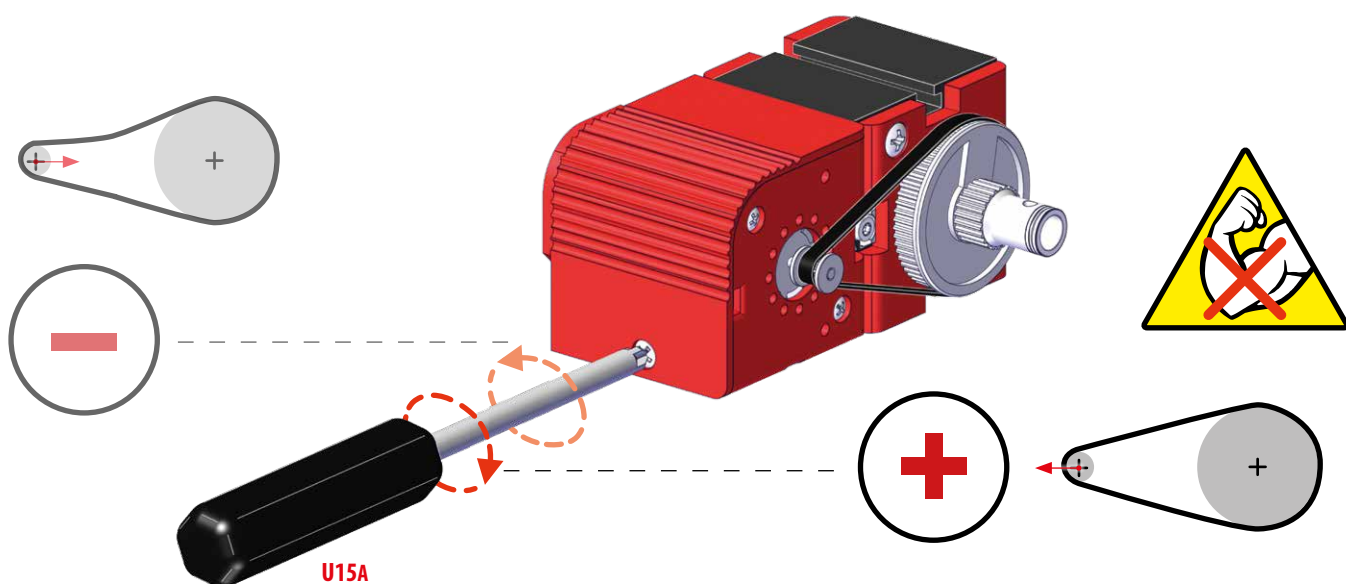
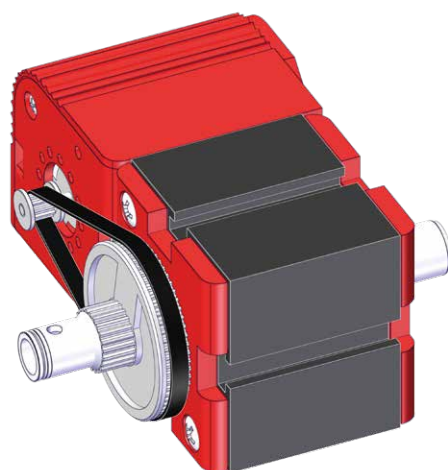
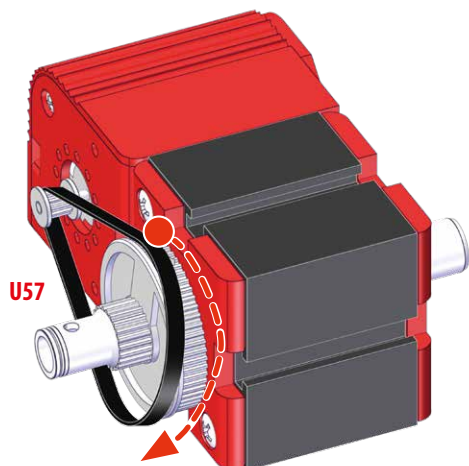
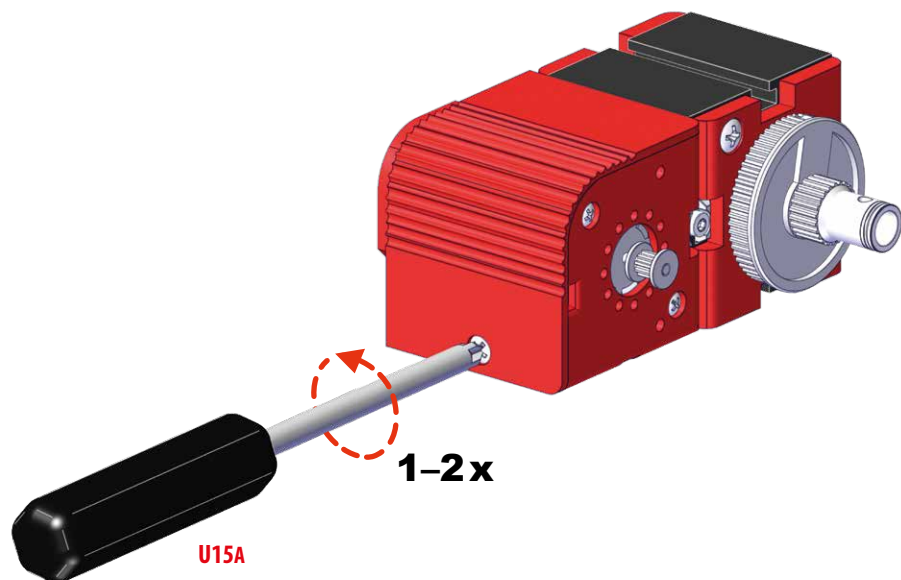
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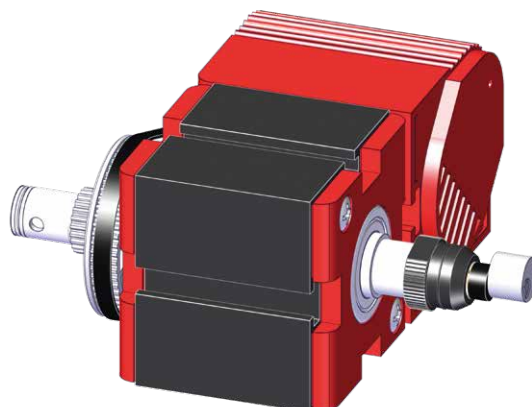
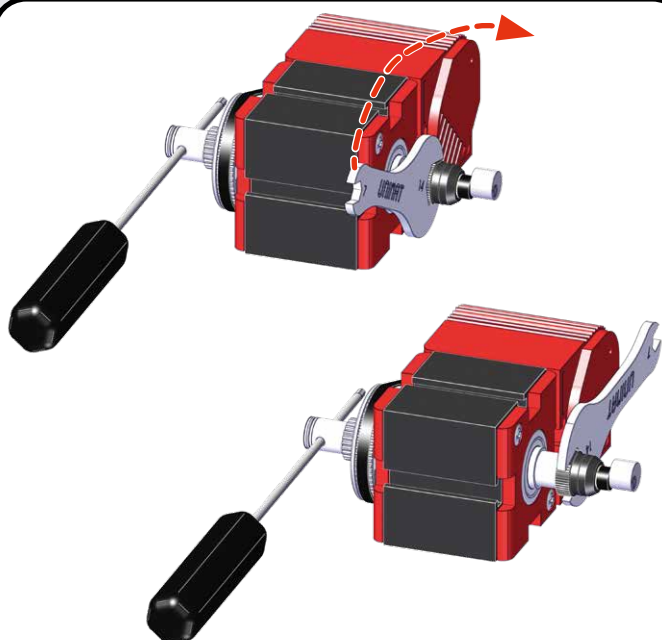
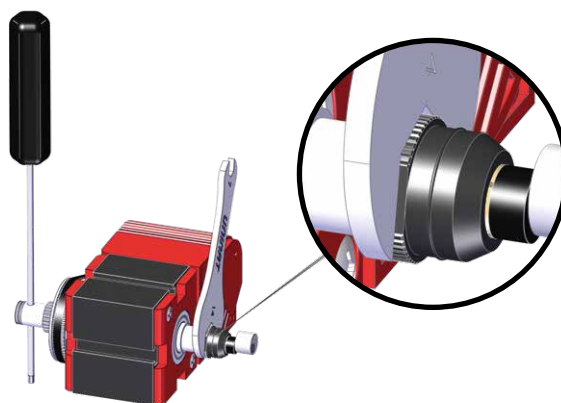
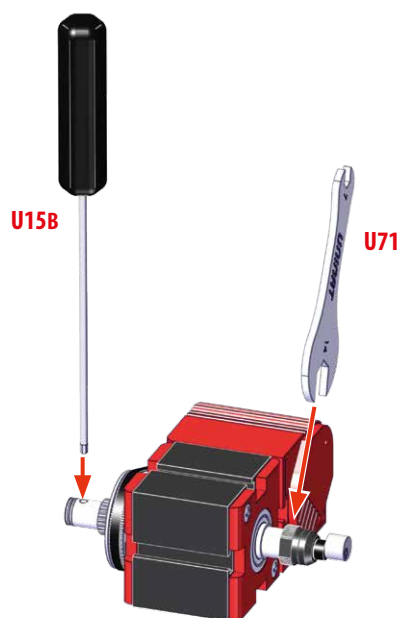
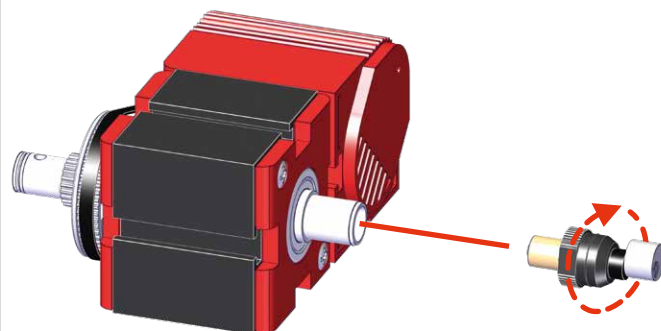
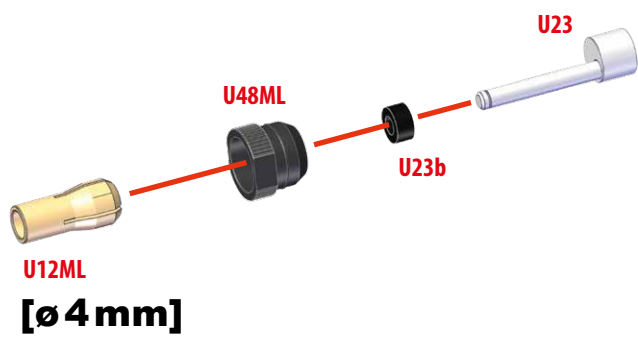


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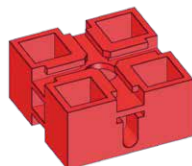
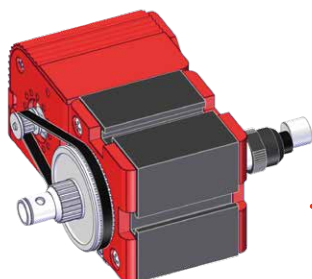
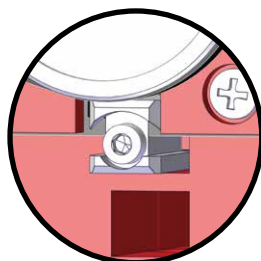
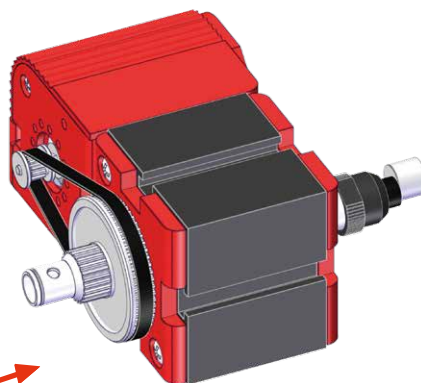
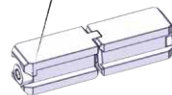
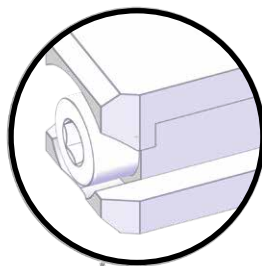
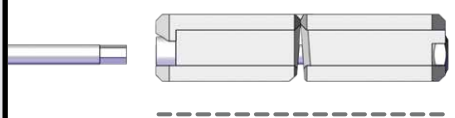
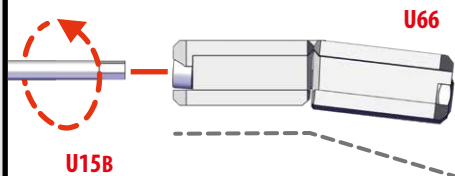


U15A

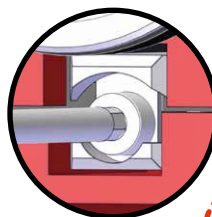




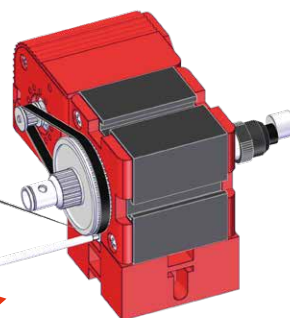
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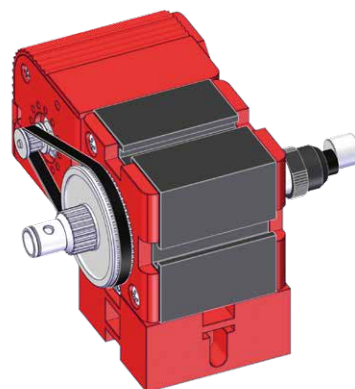
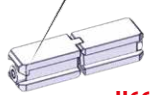
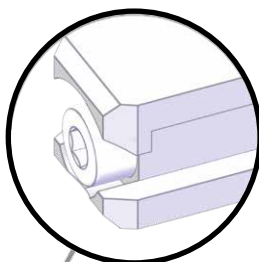
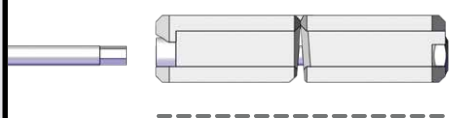
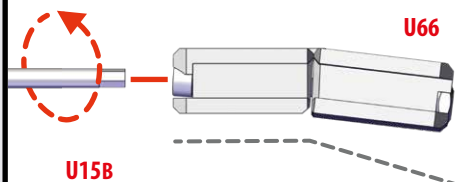
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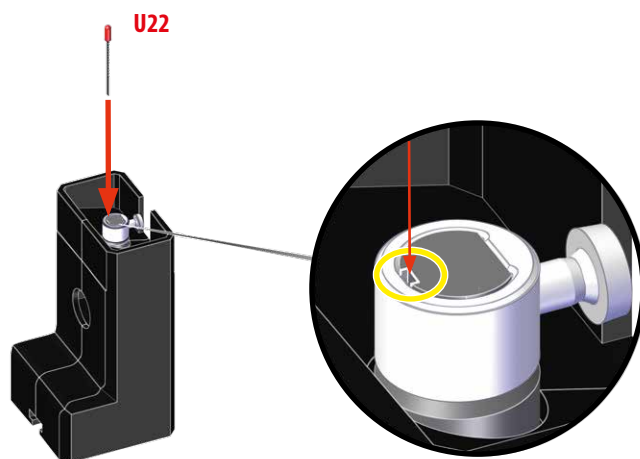
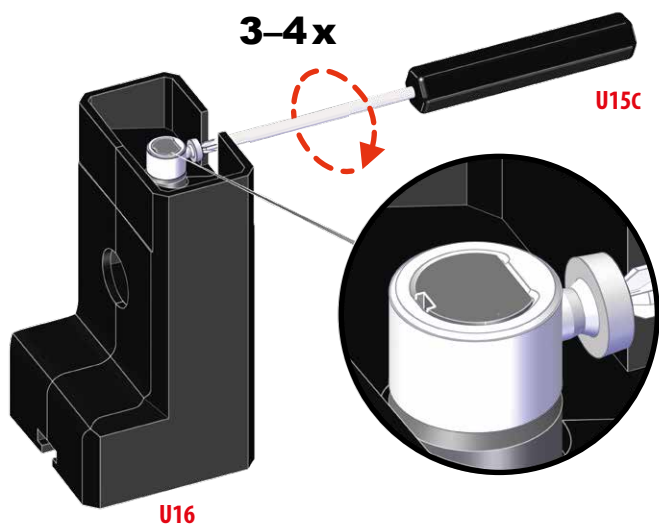
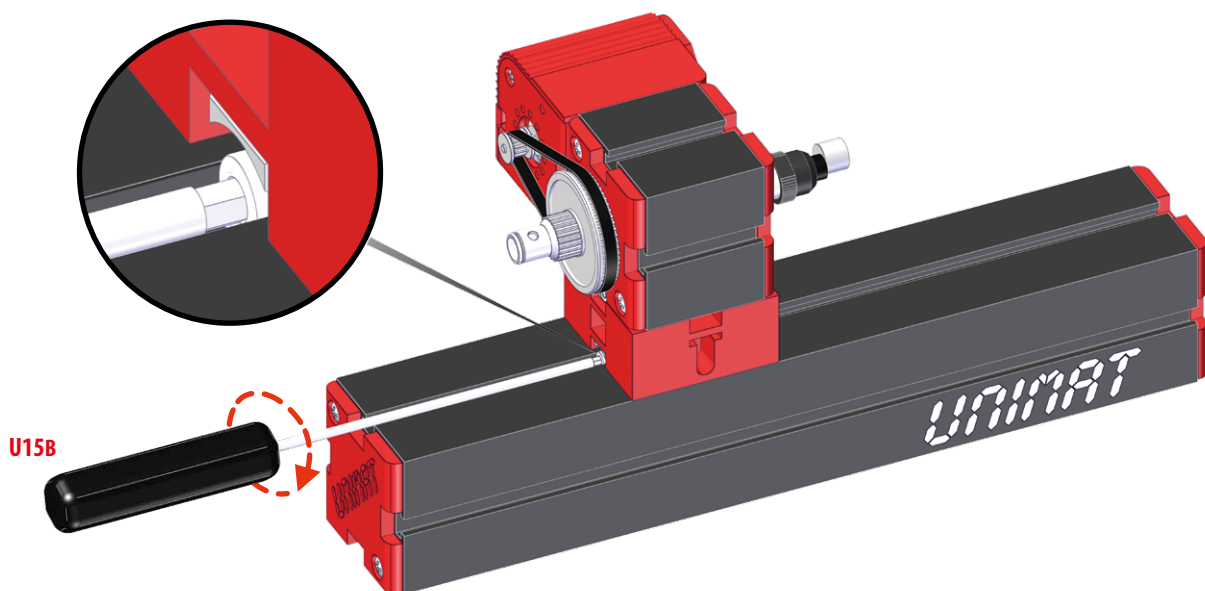
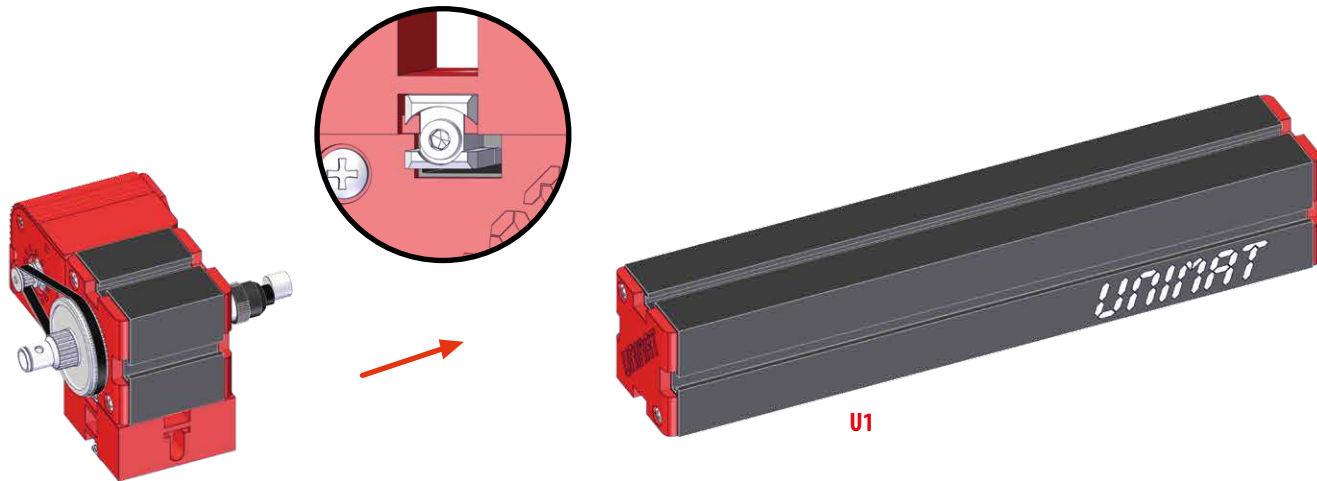


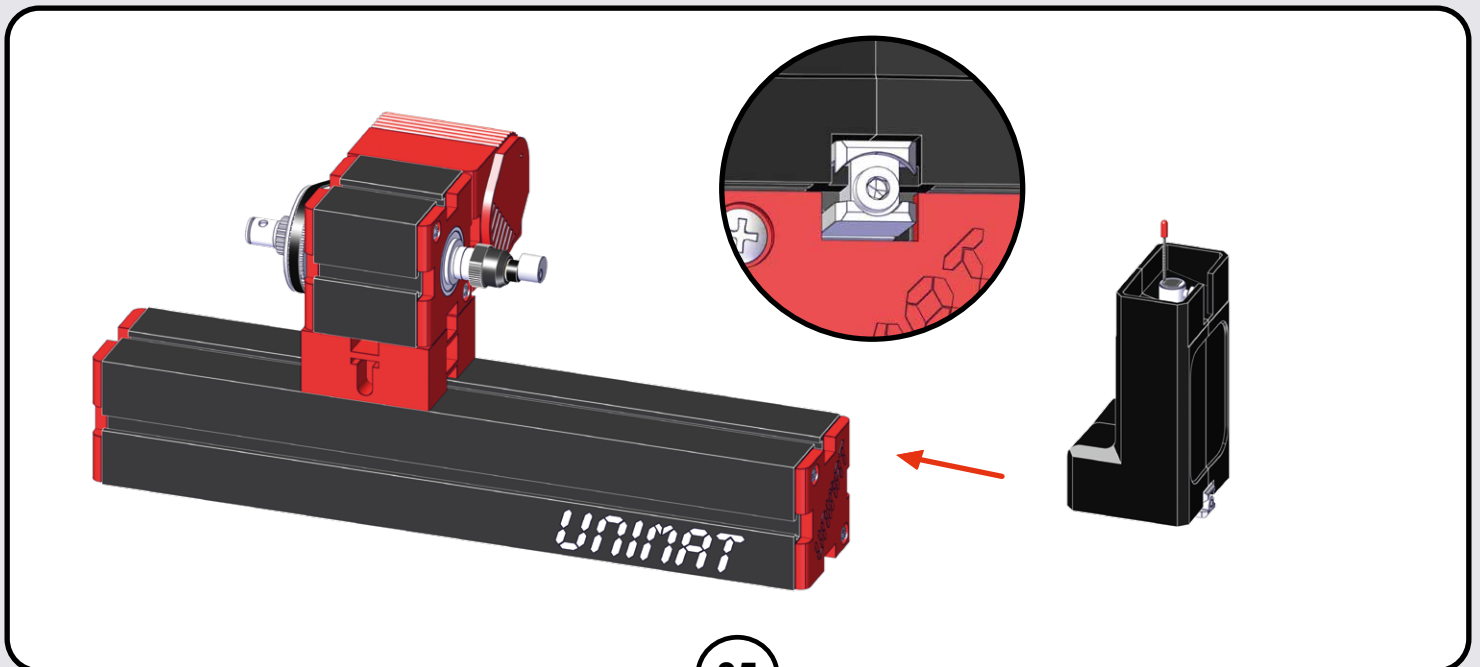
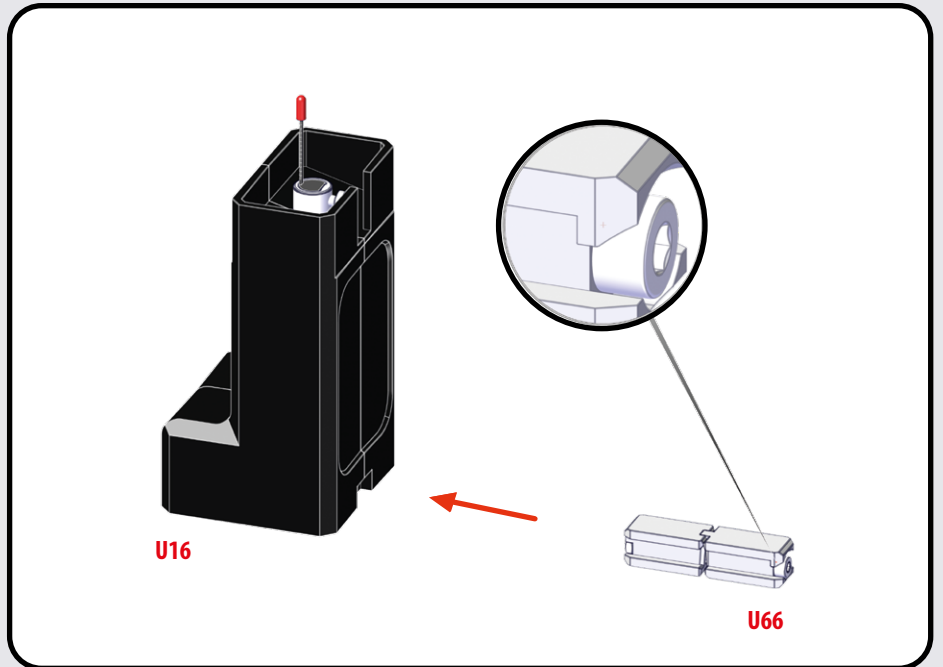
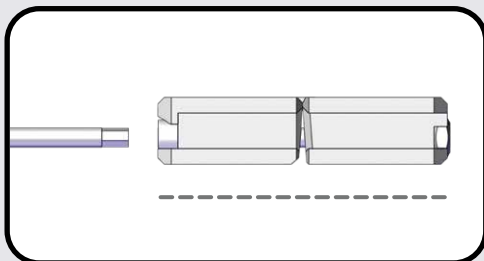
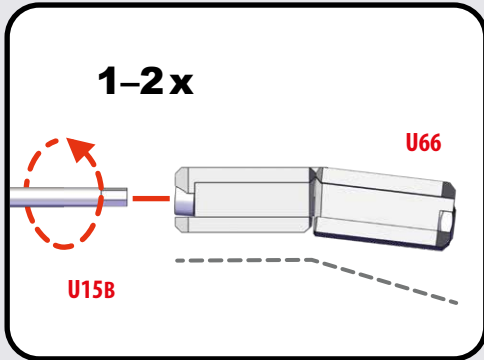
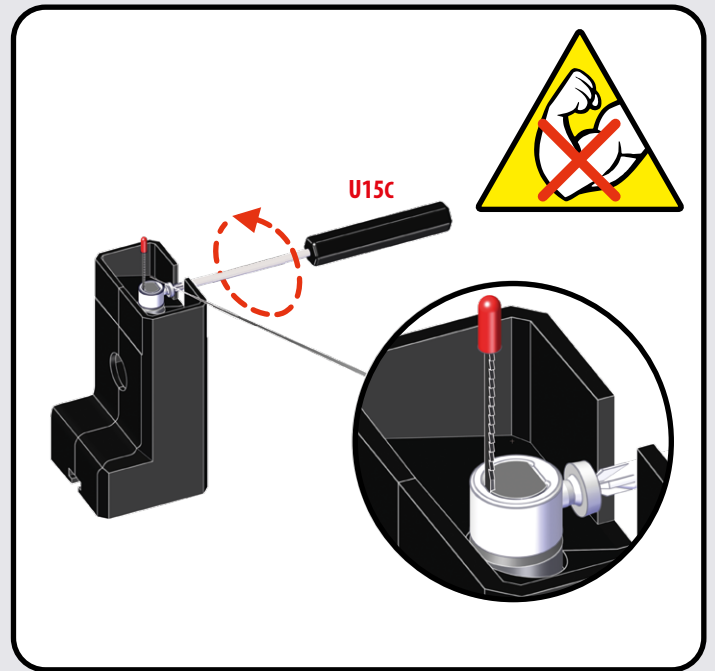
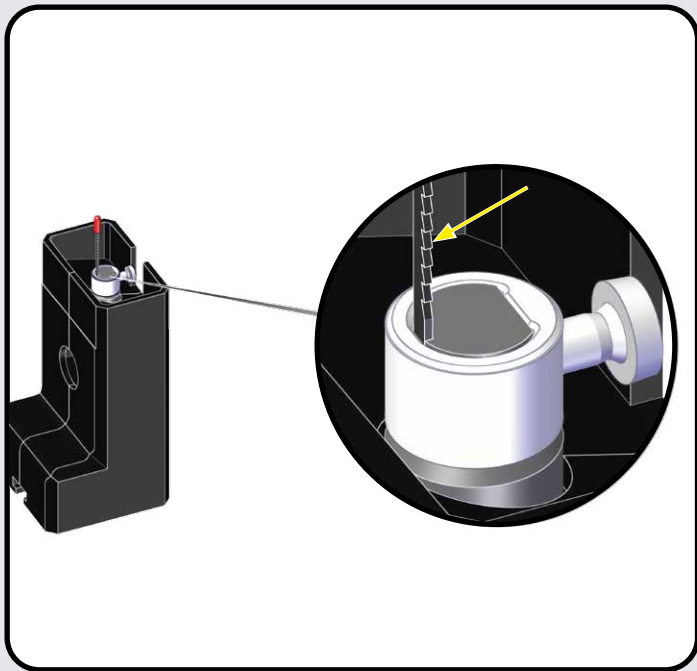
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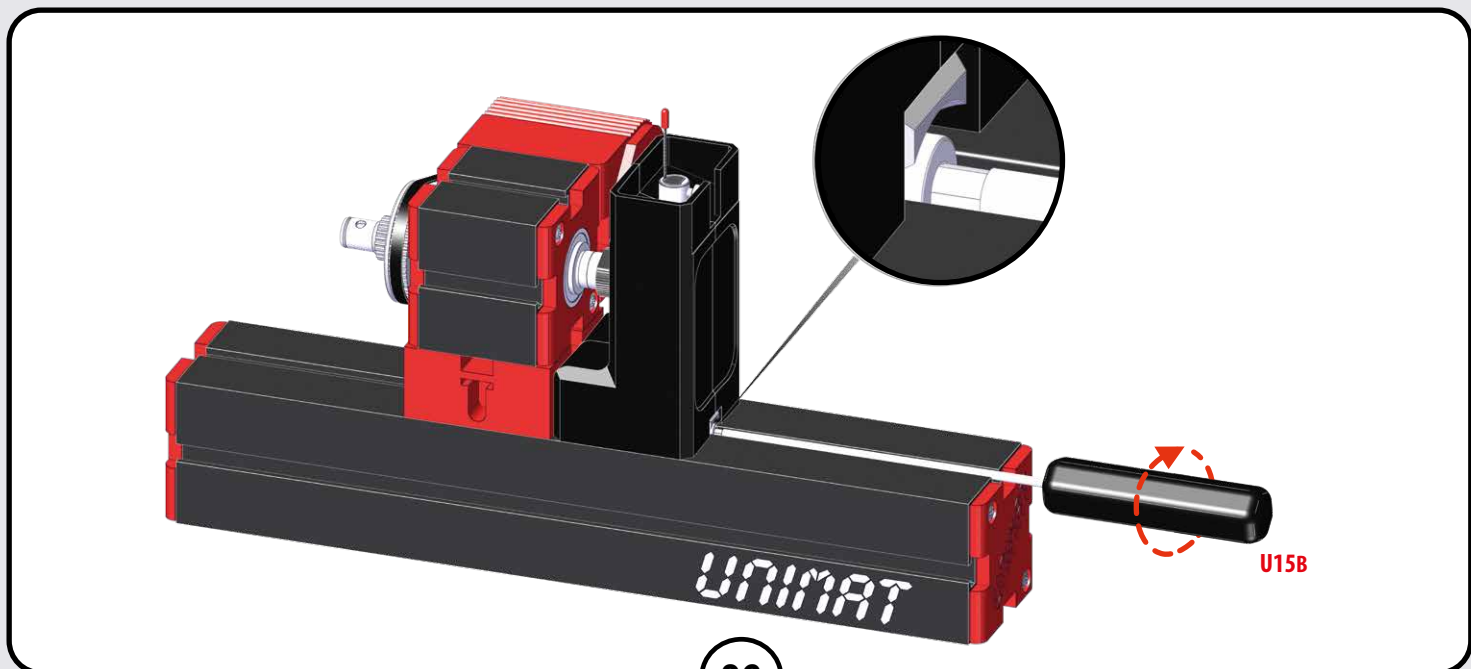
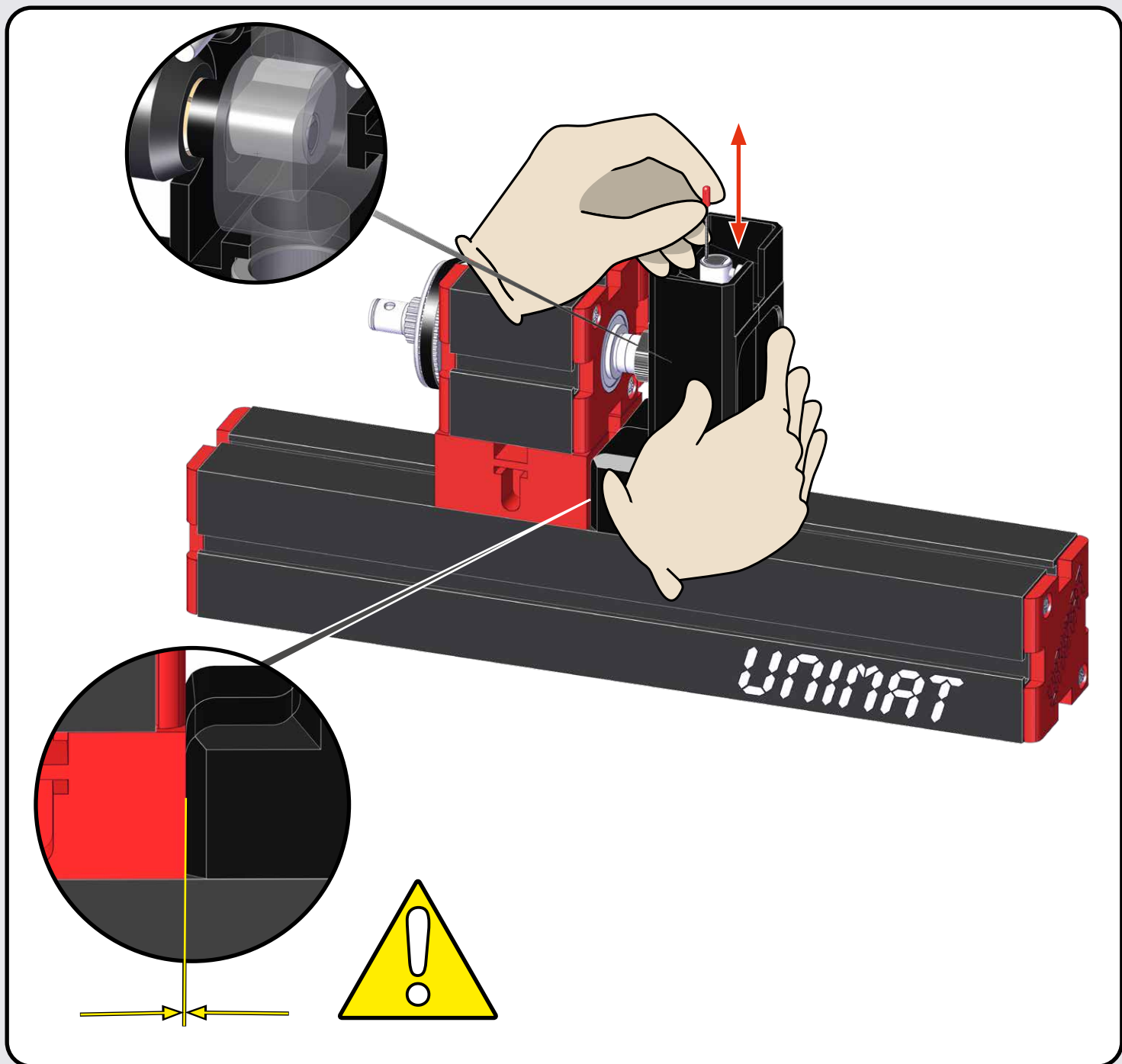


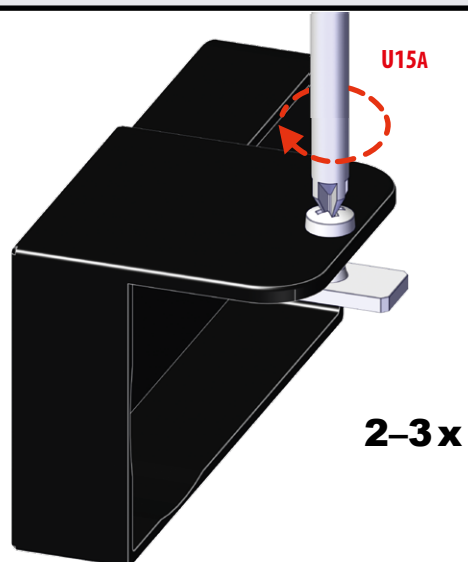
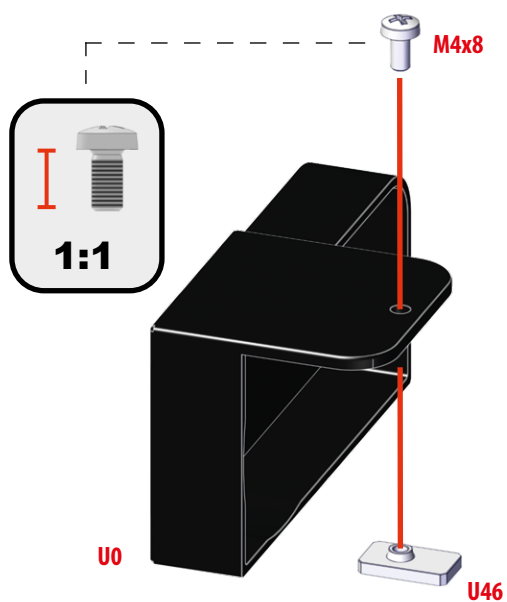
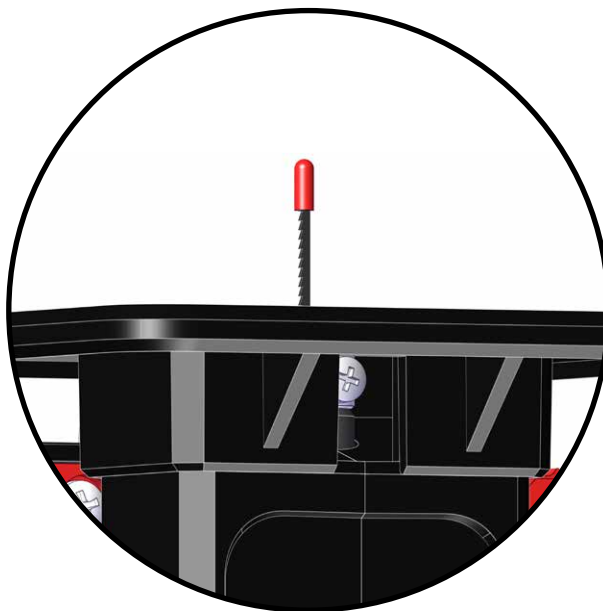
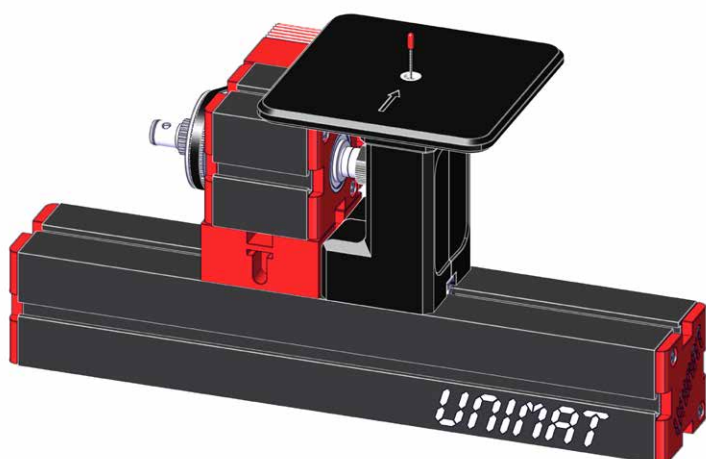
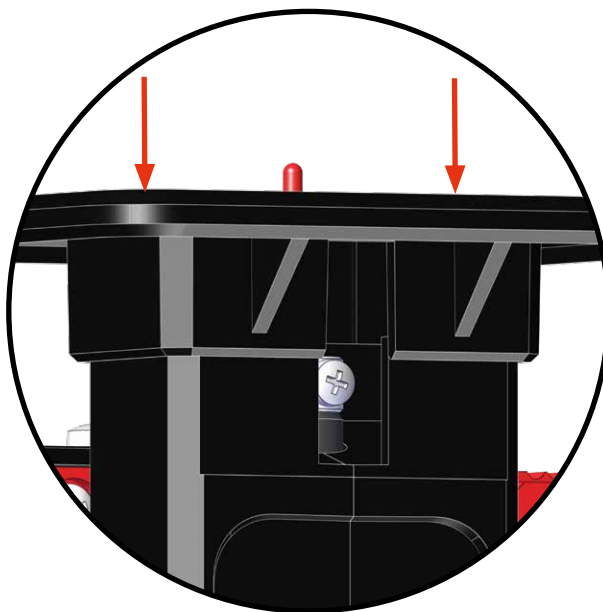
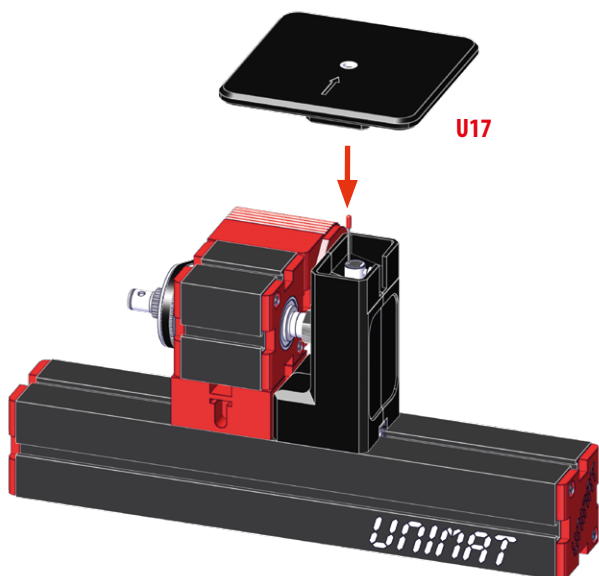
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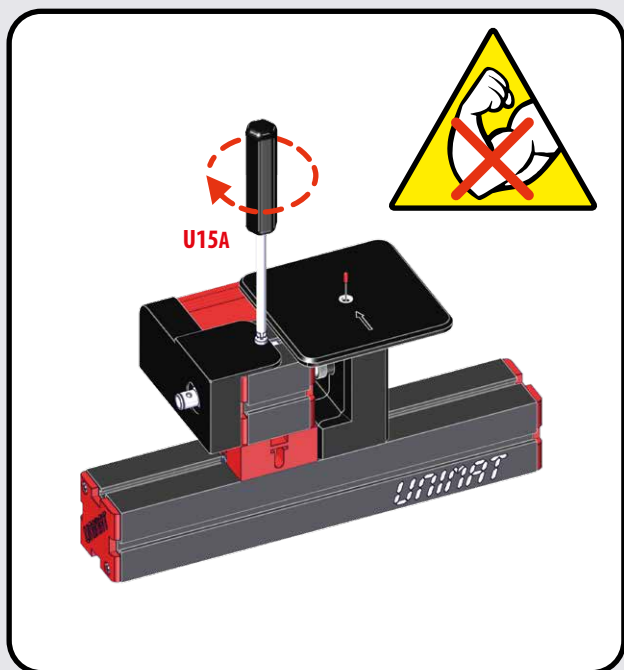
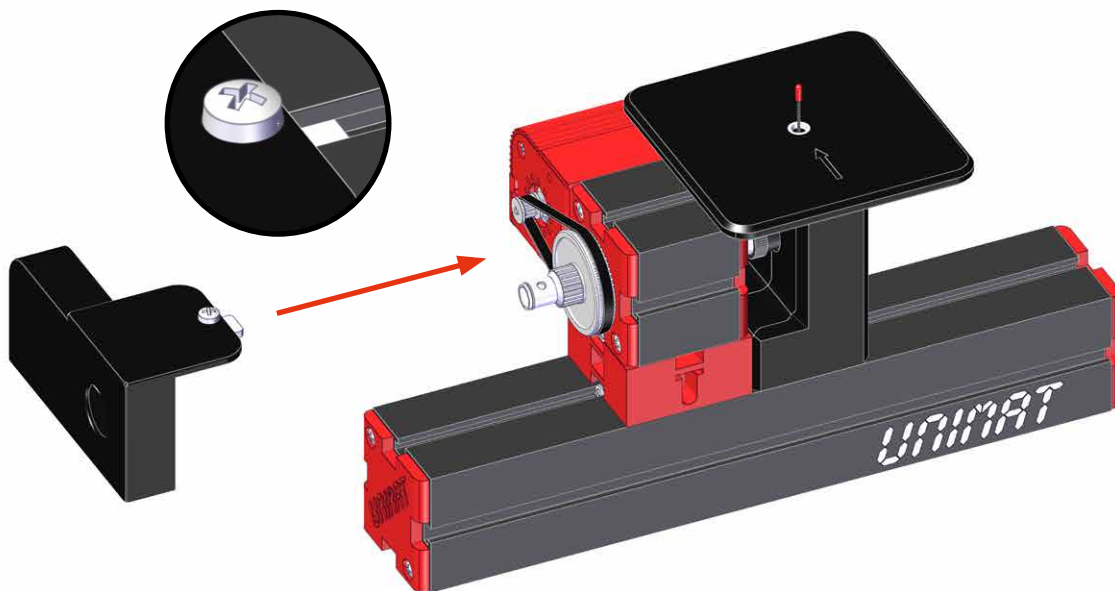




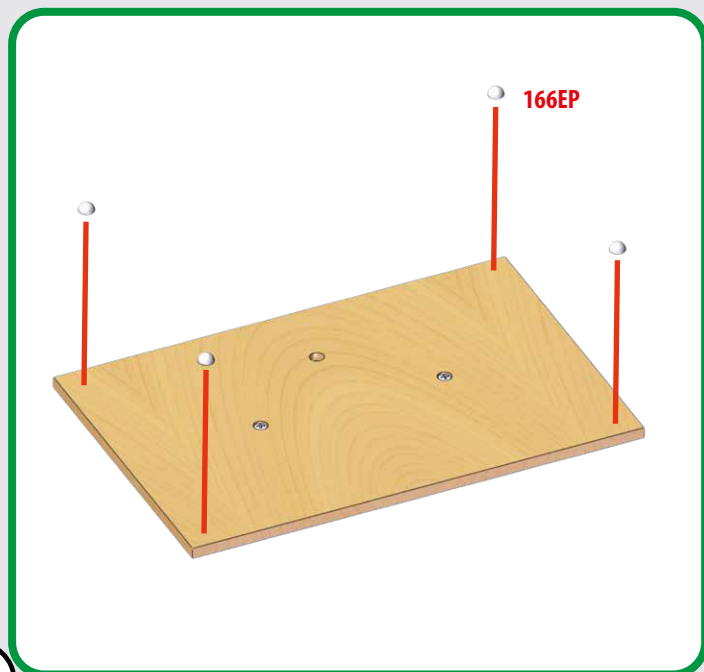
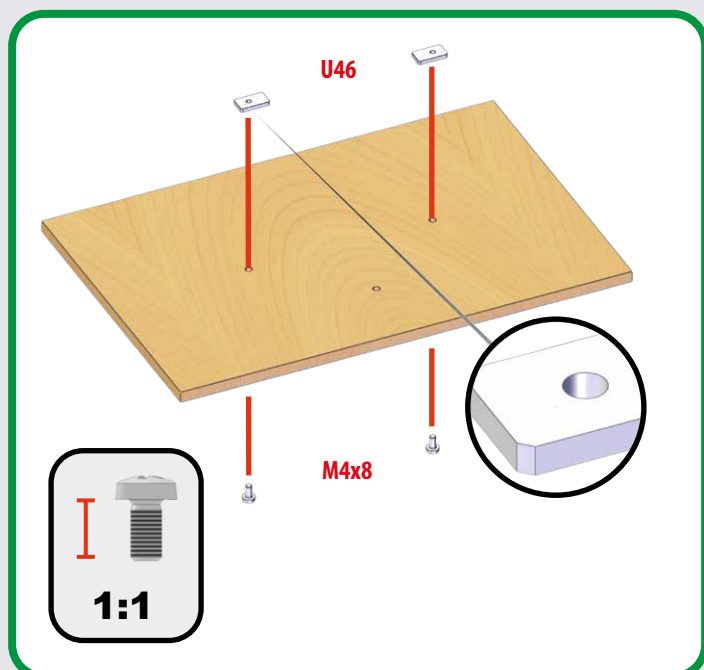


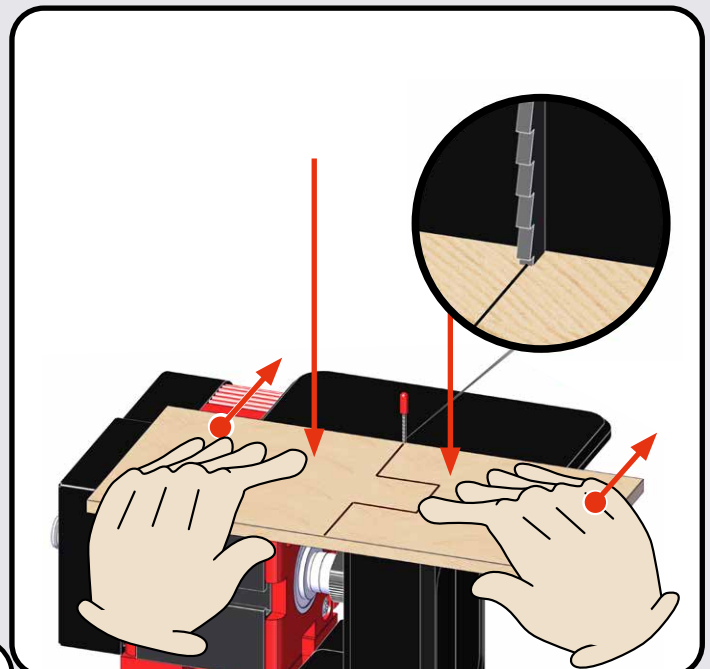
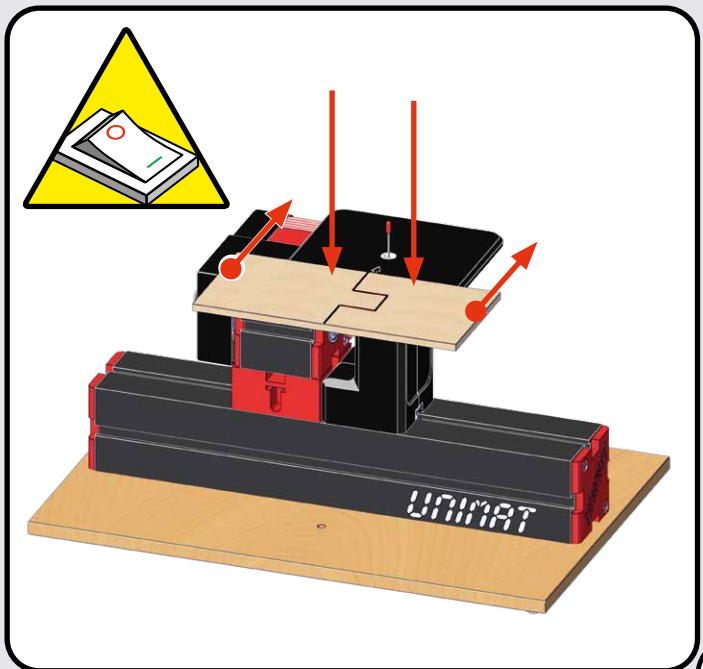
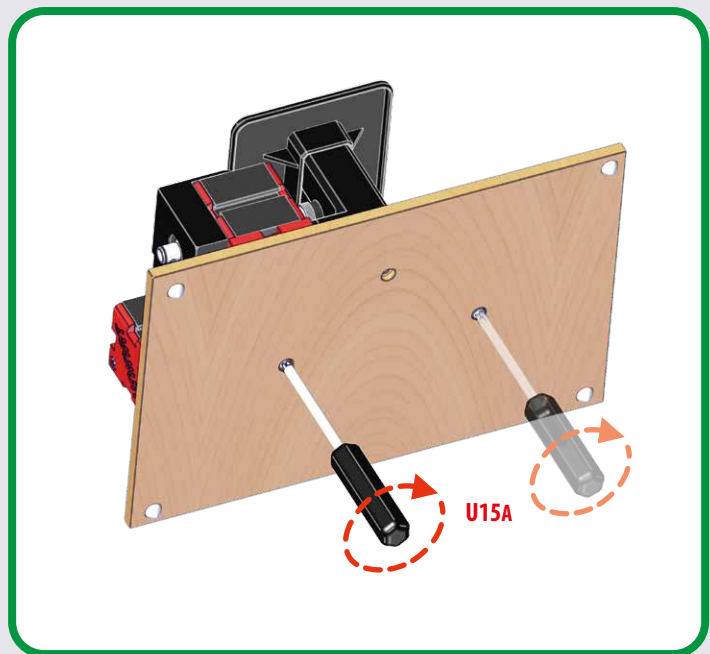
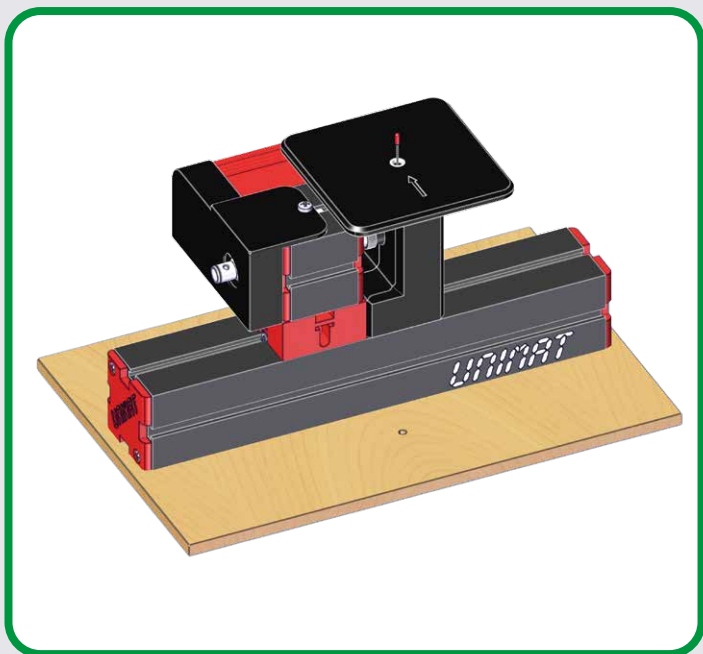


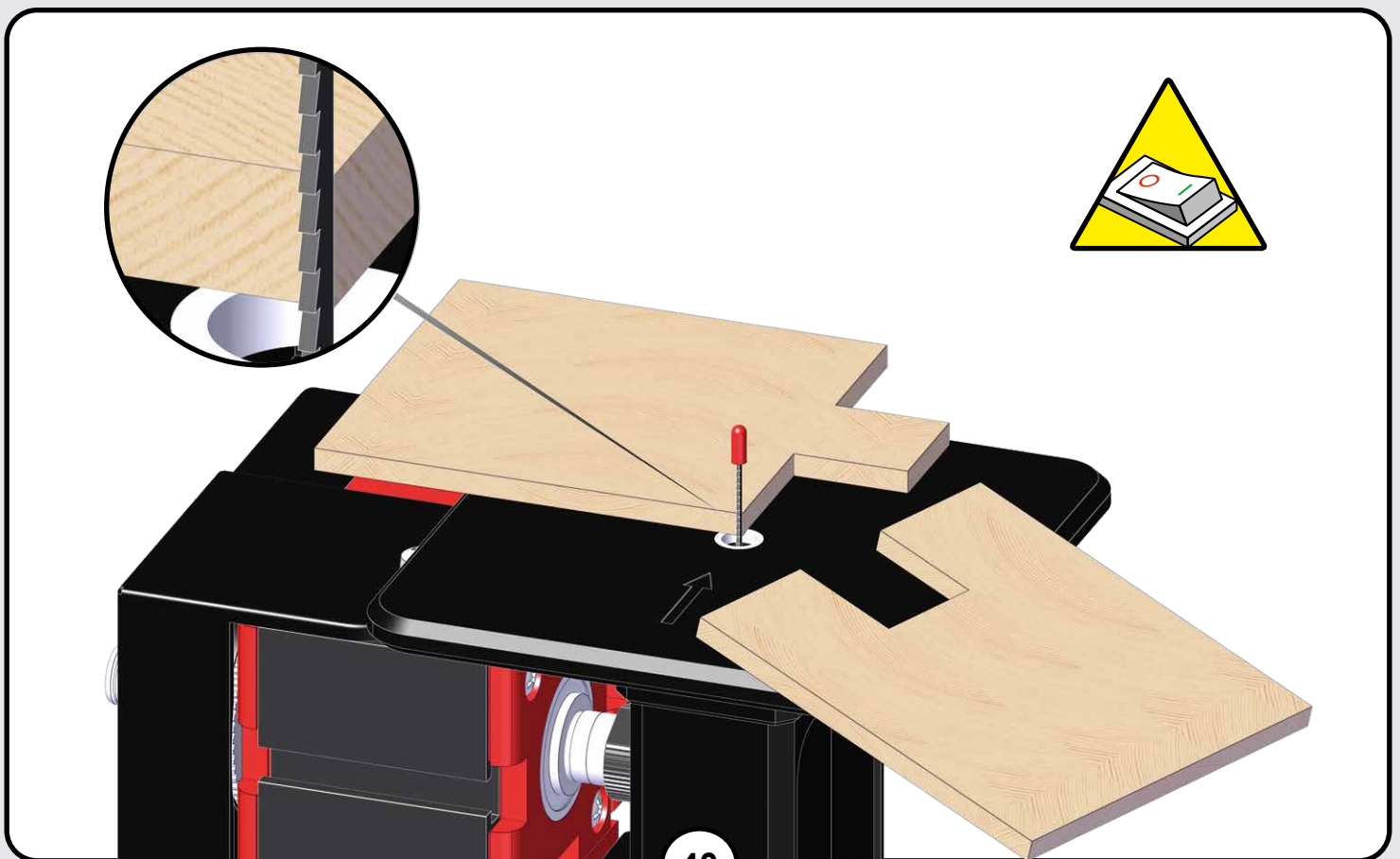
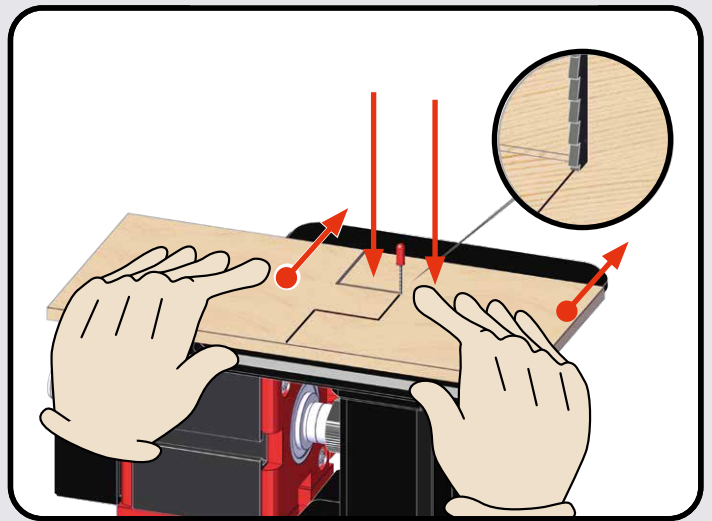
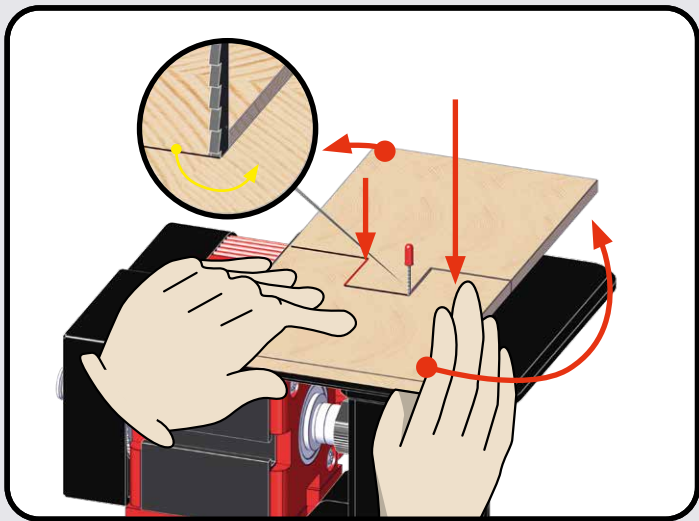
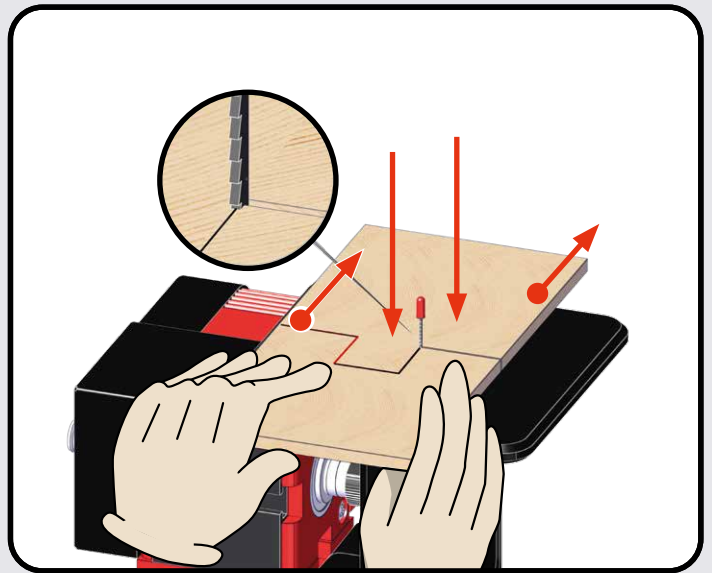
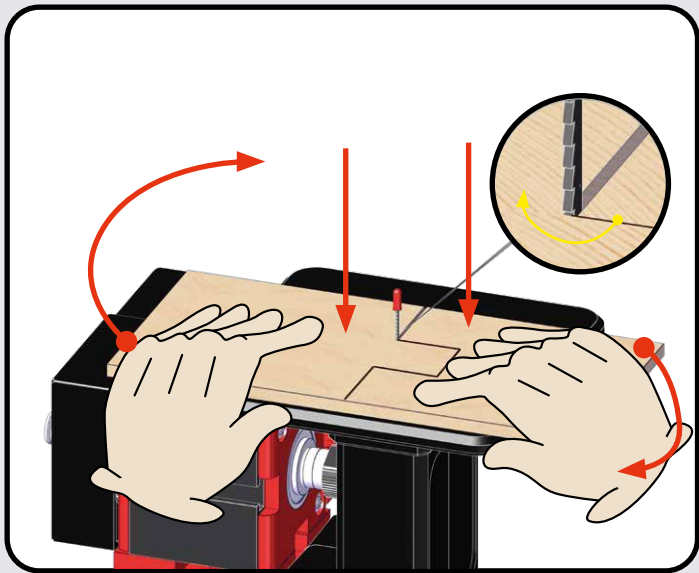


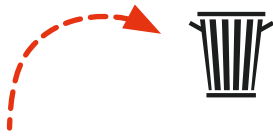
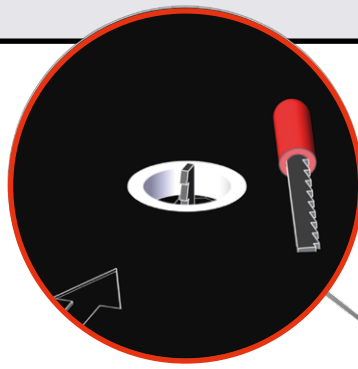


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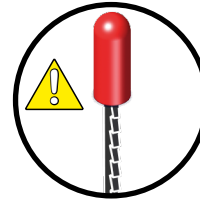
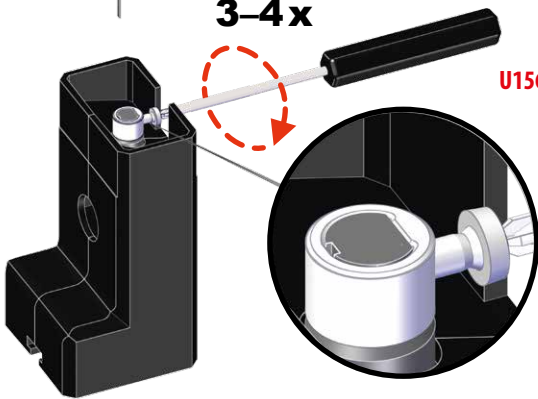




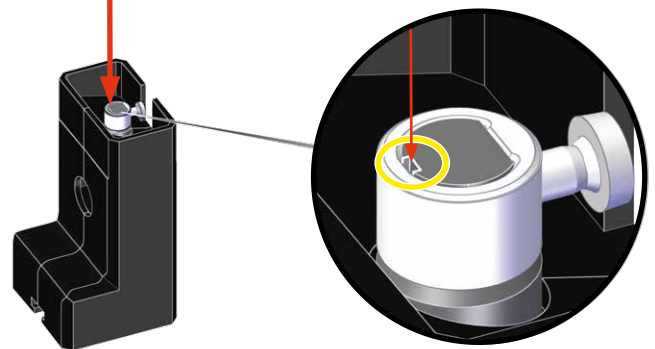


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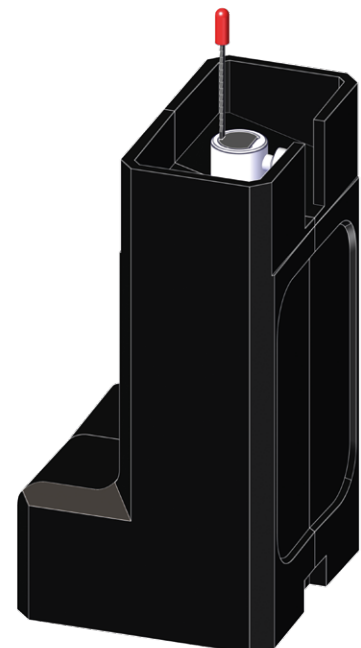
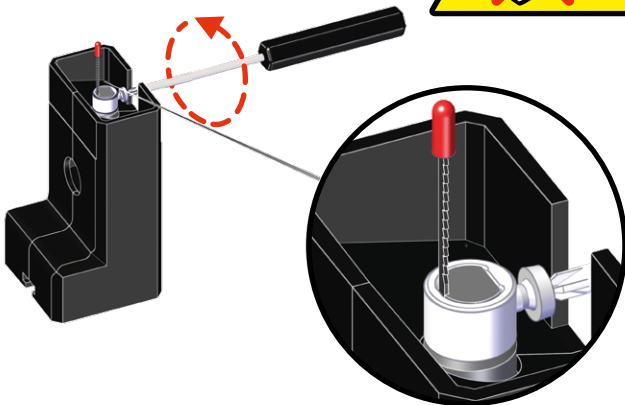
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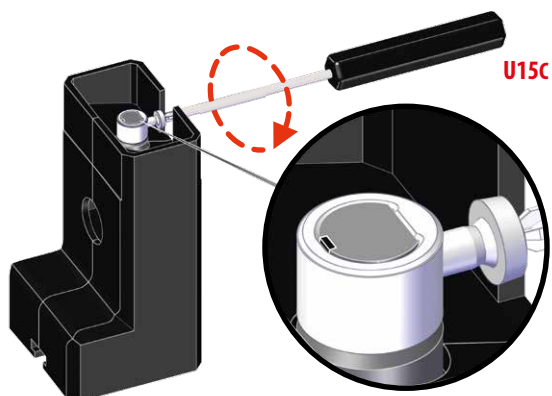
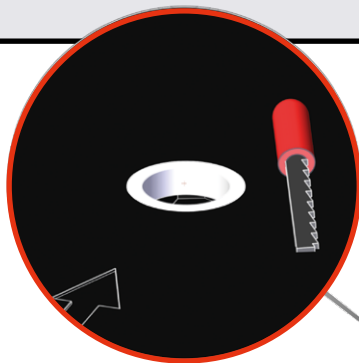


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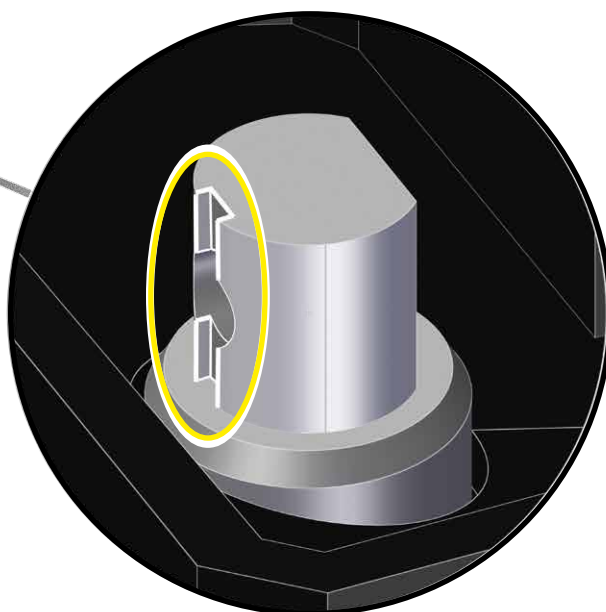
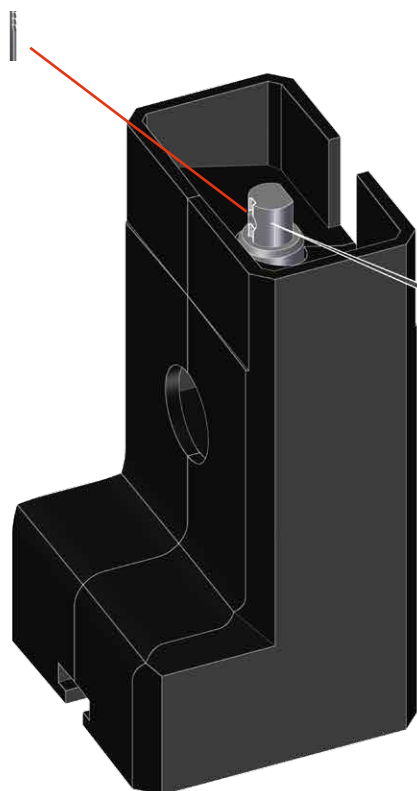
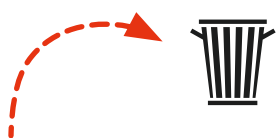
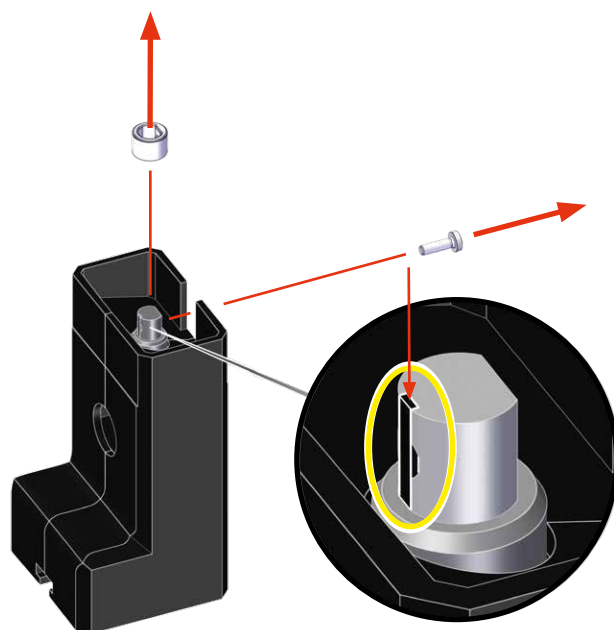


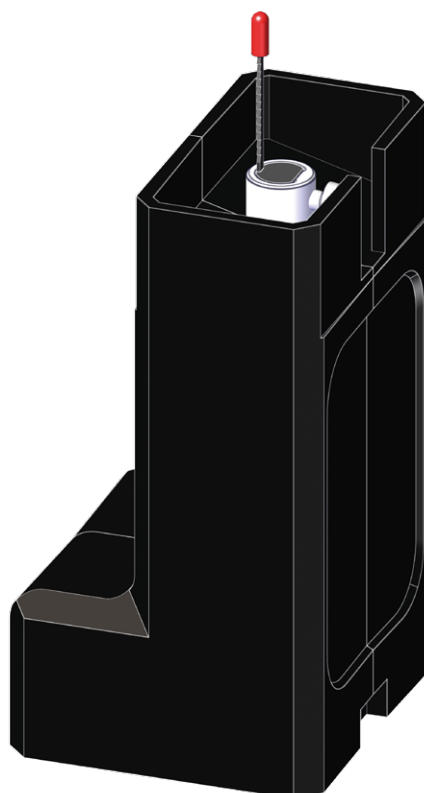
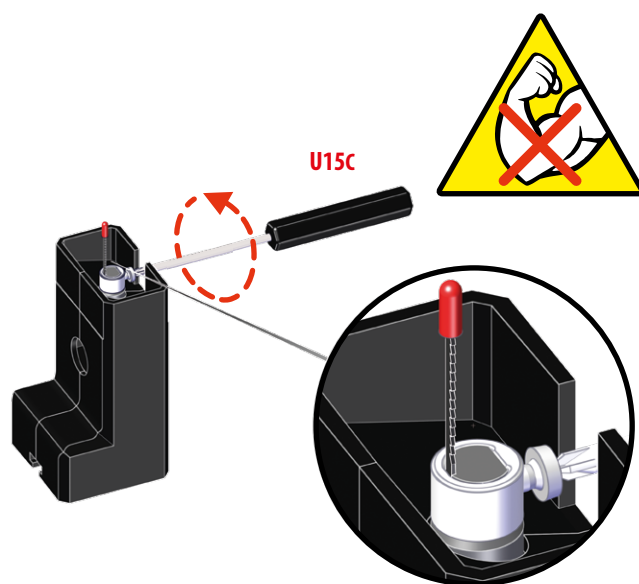
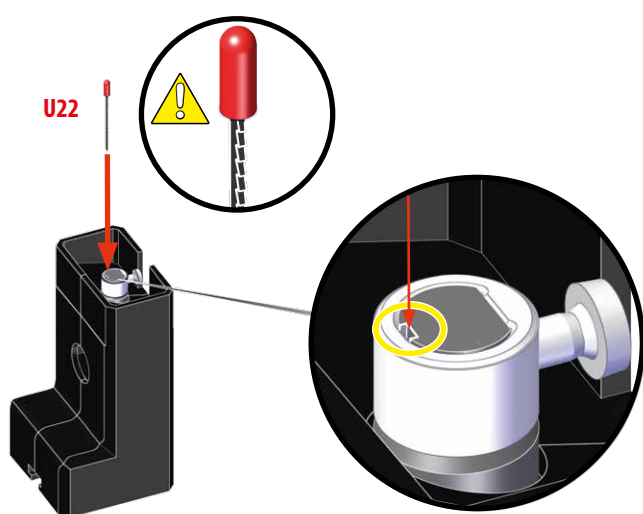
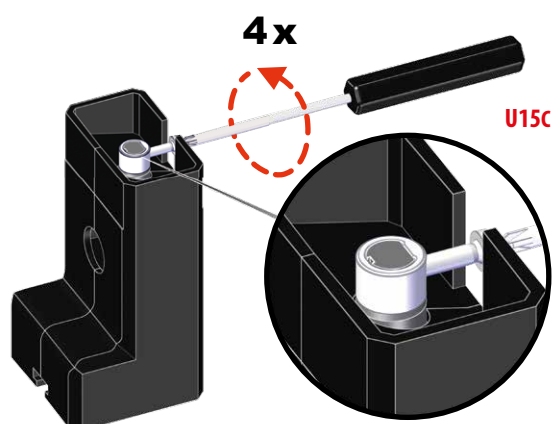
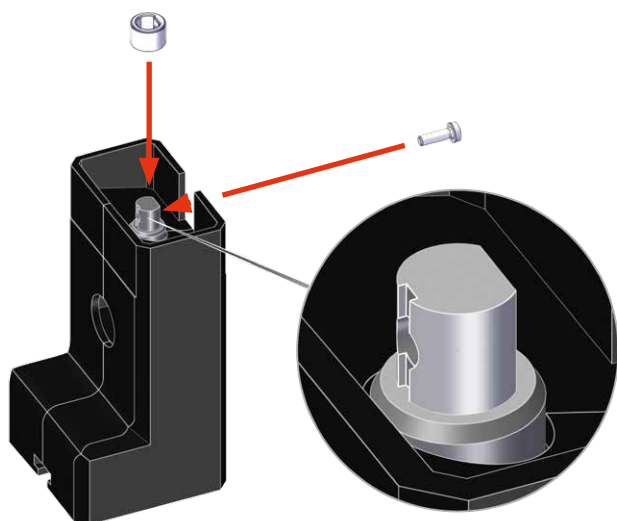
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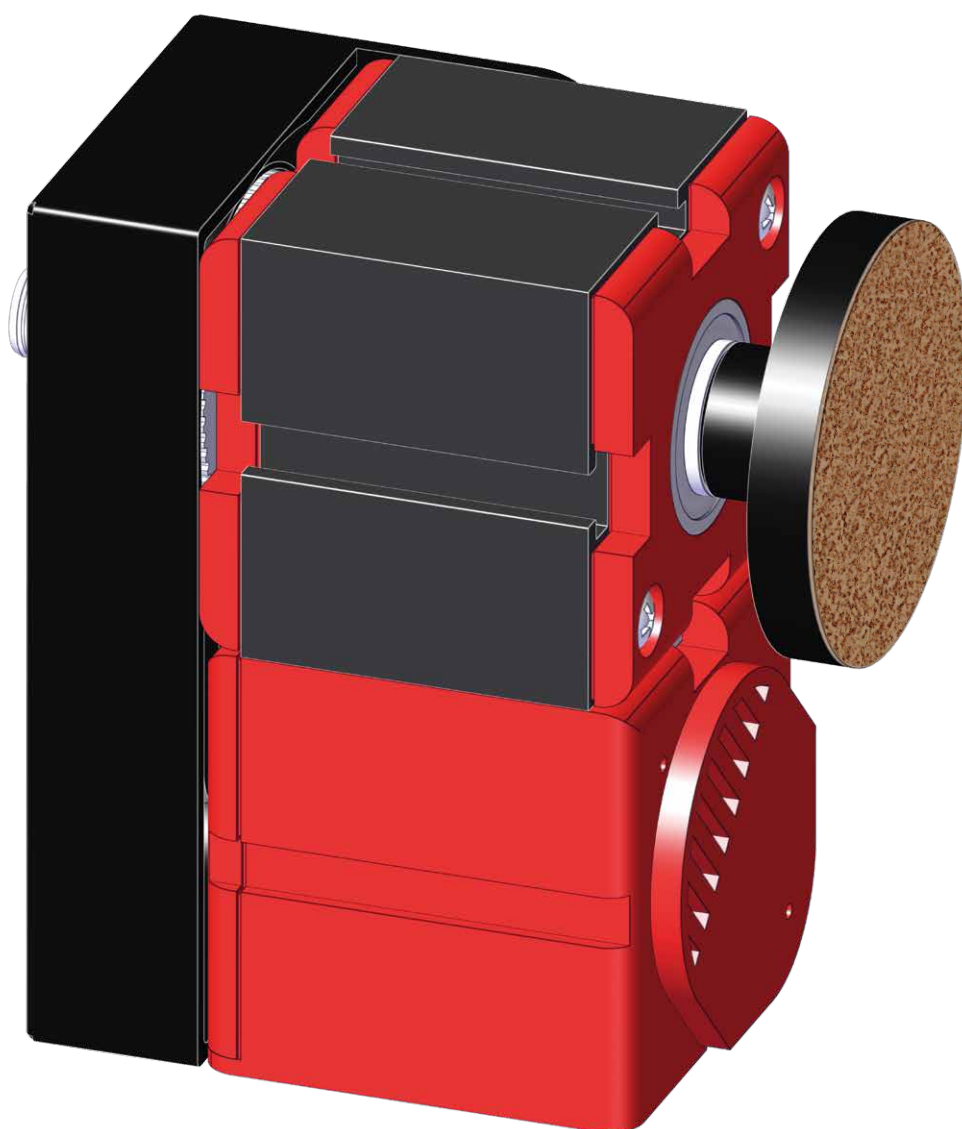


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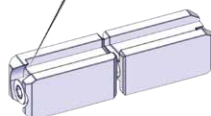
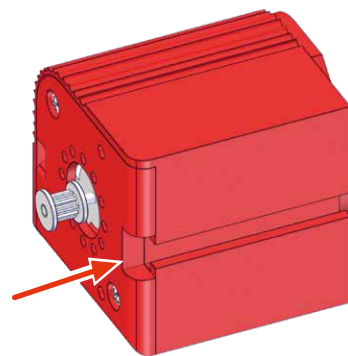
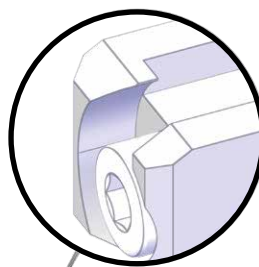
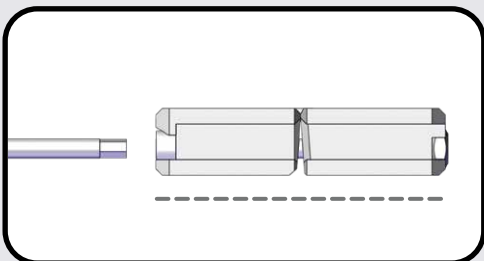
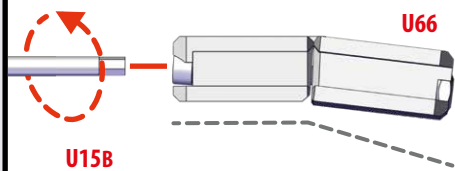


Schleifmaschine
Sanding machine
Ponceuse

Máquina esmeriladora
磨床
Шлифовальный станок

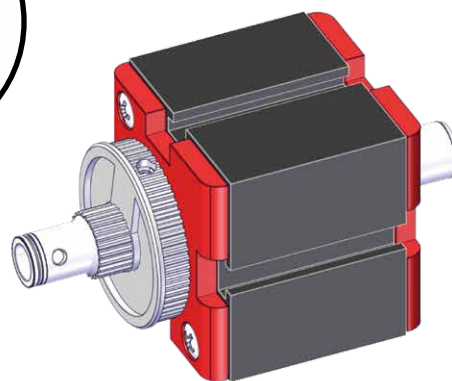
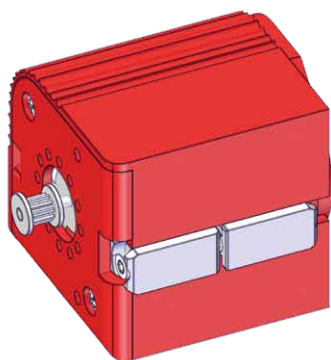
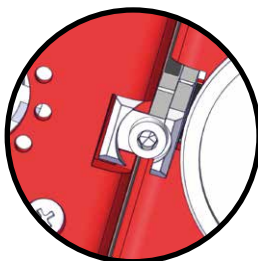


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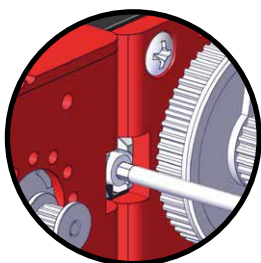


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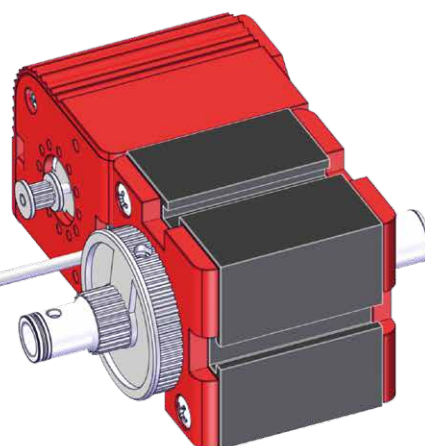
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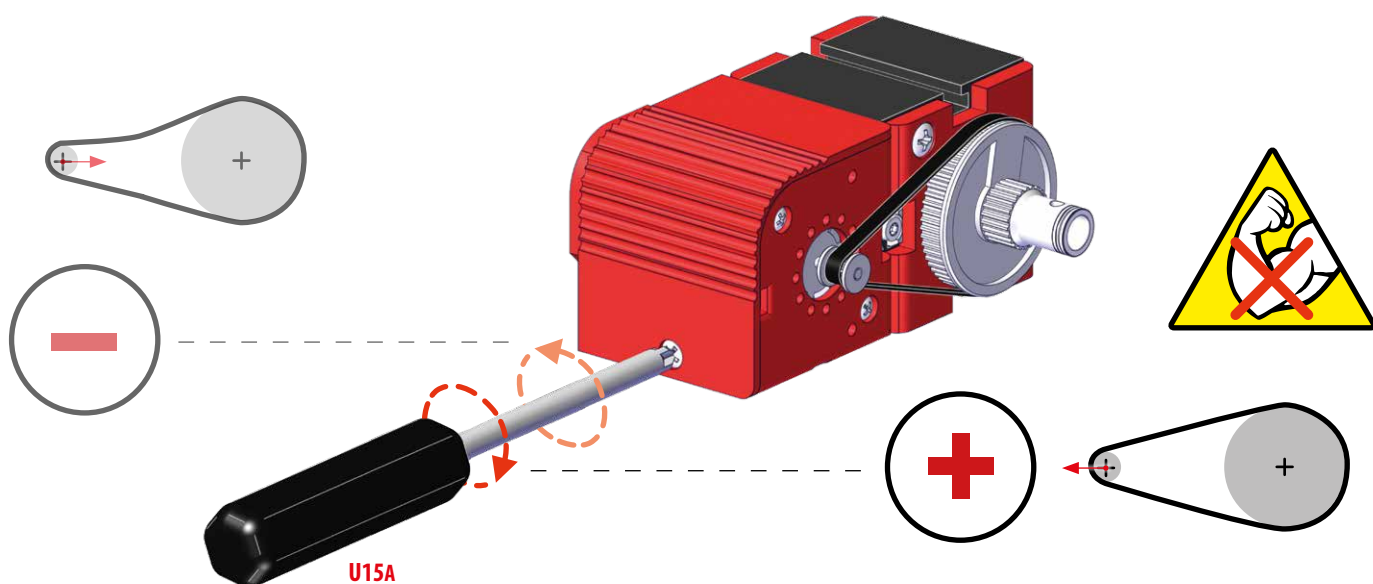
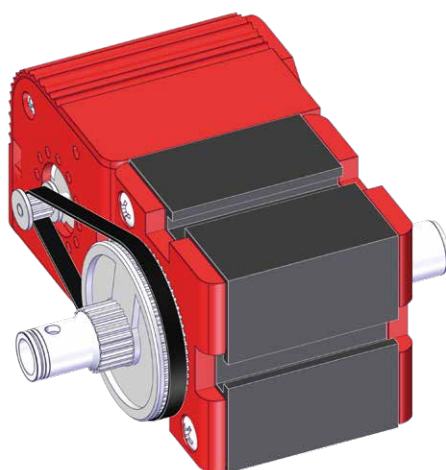
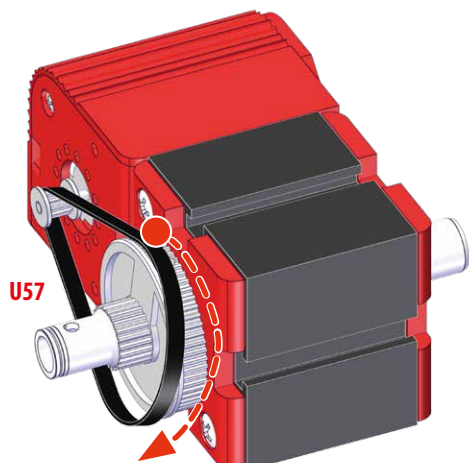
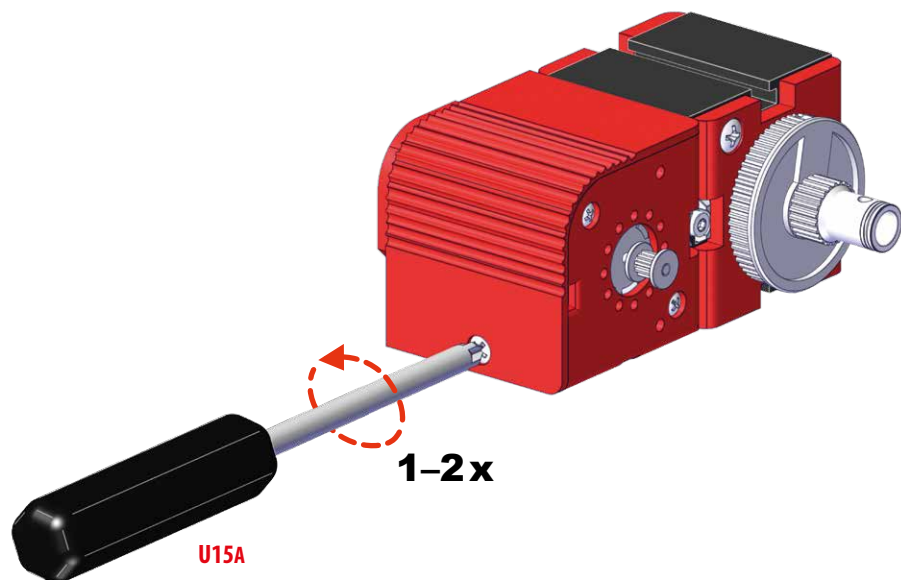


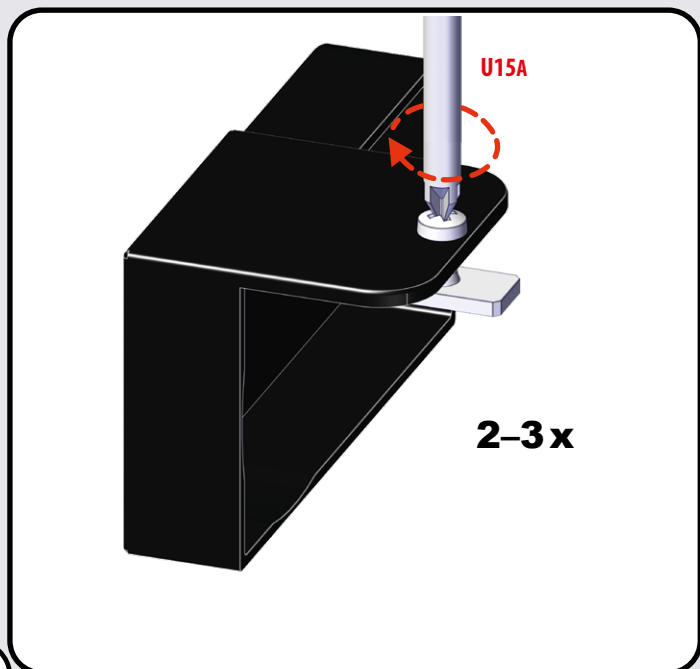
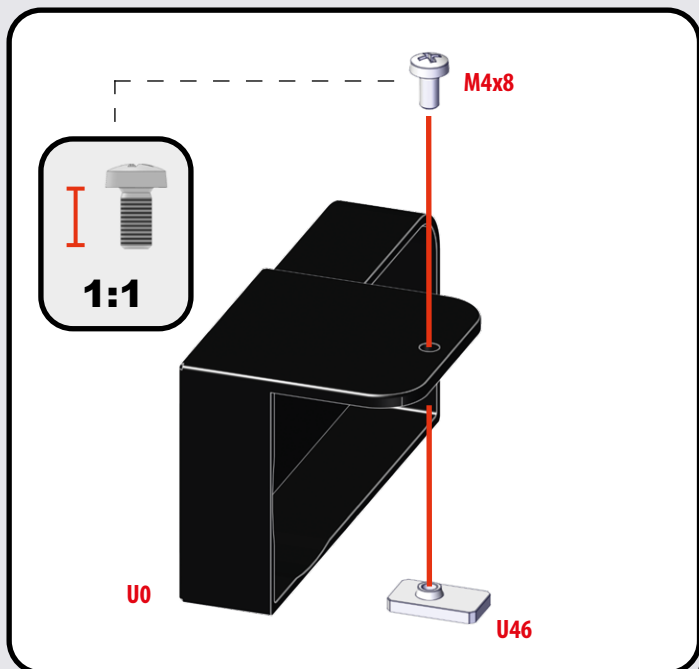
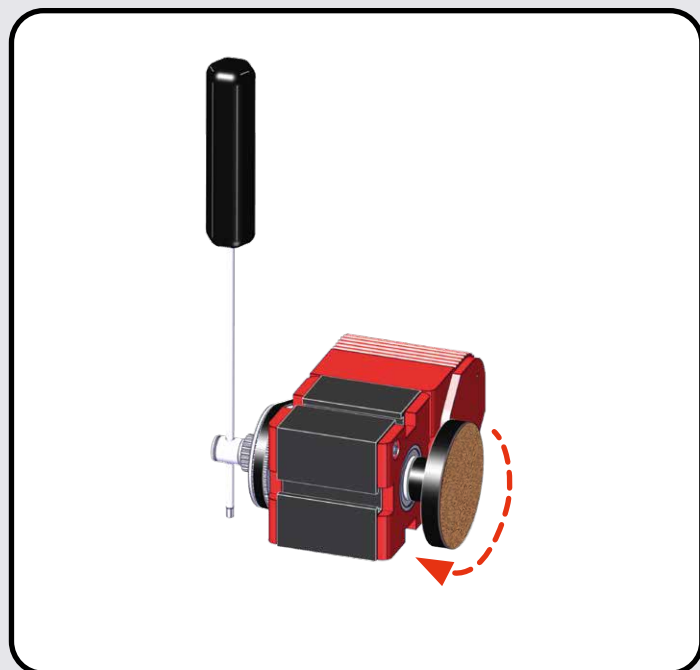
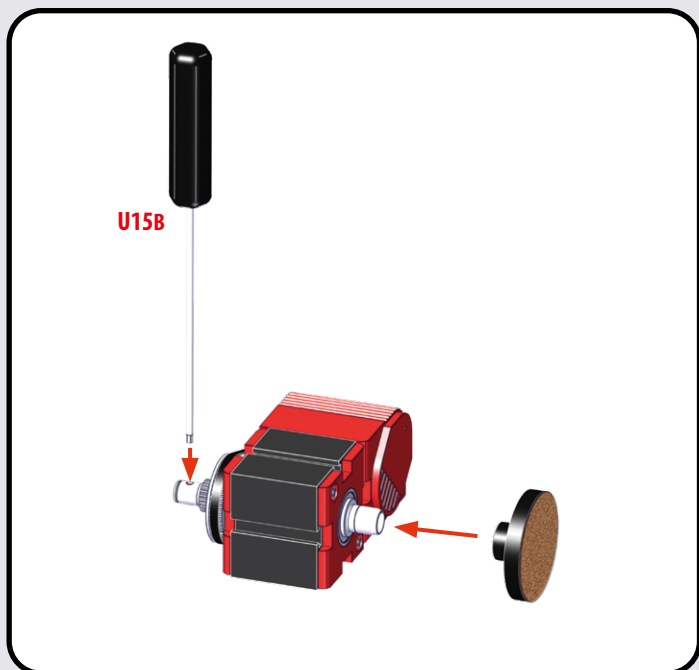
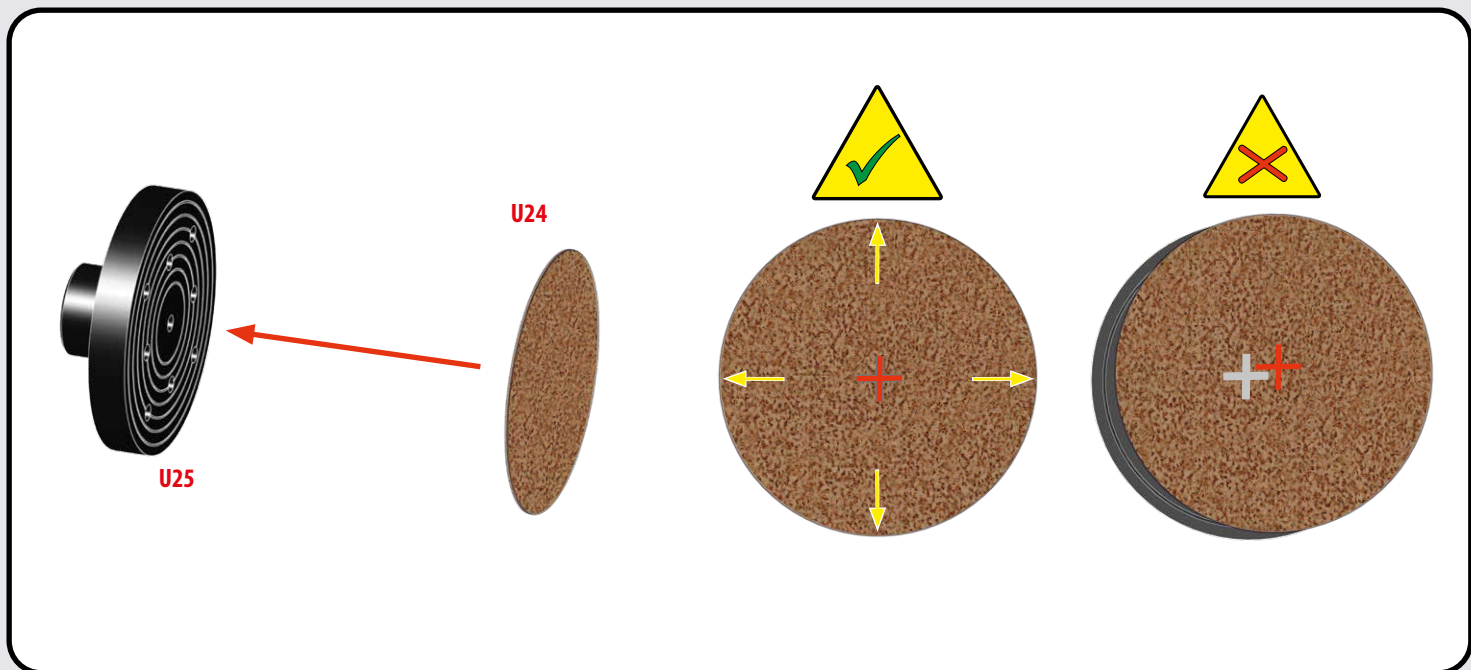
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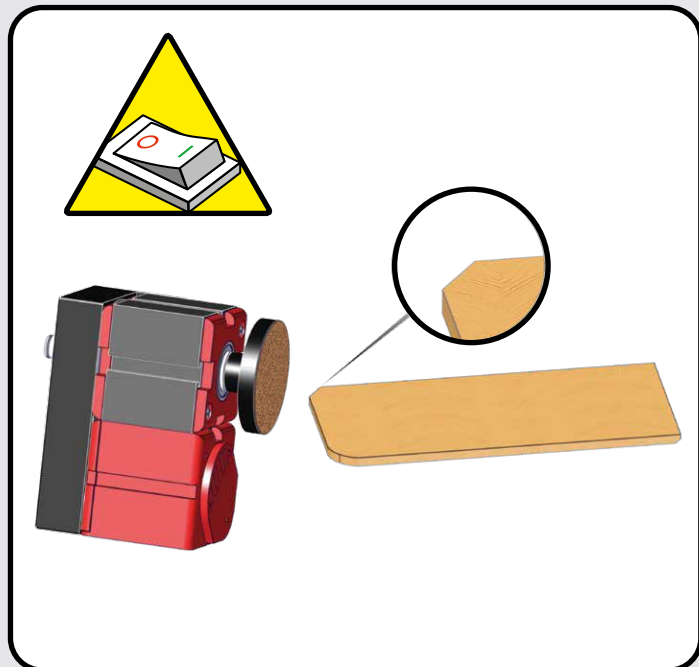
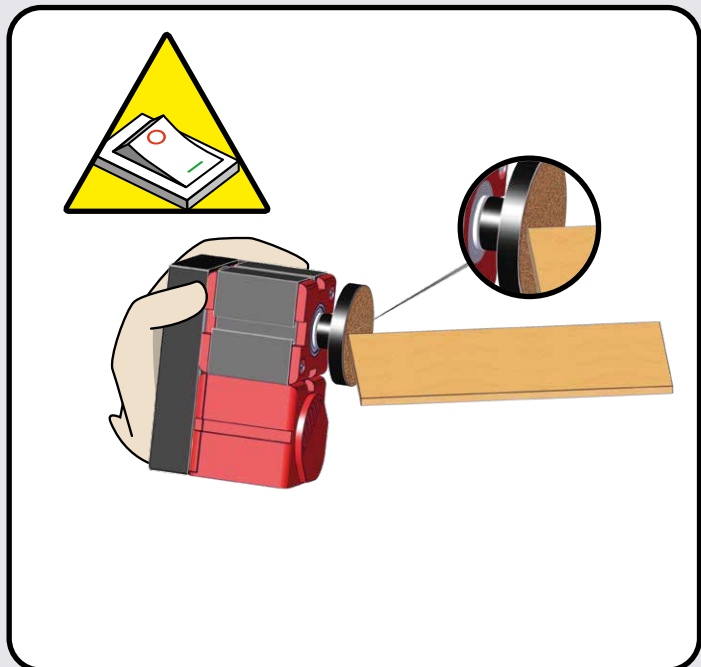
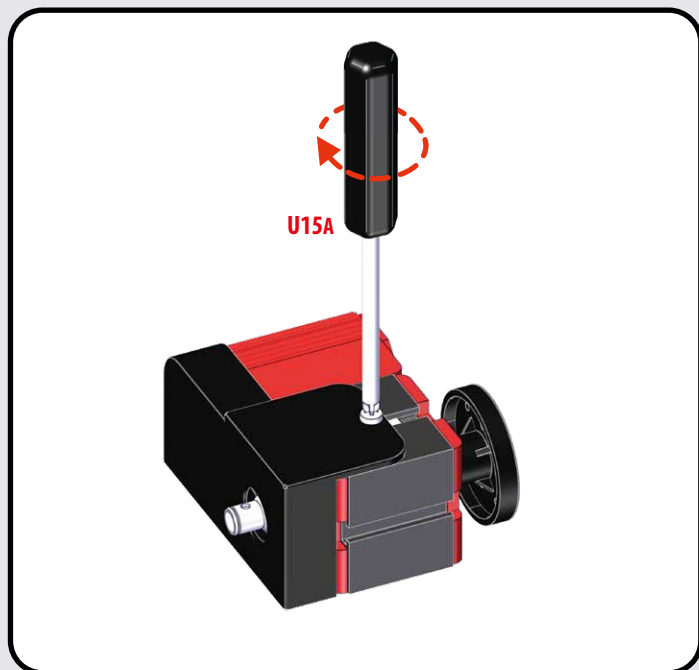
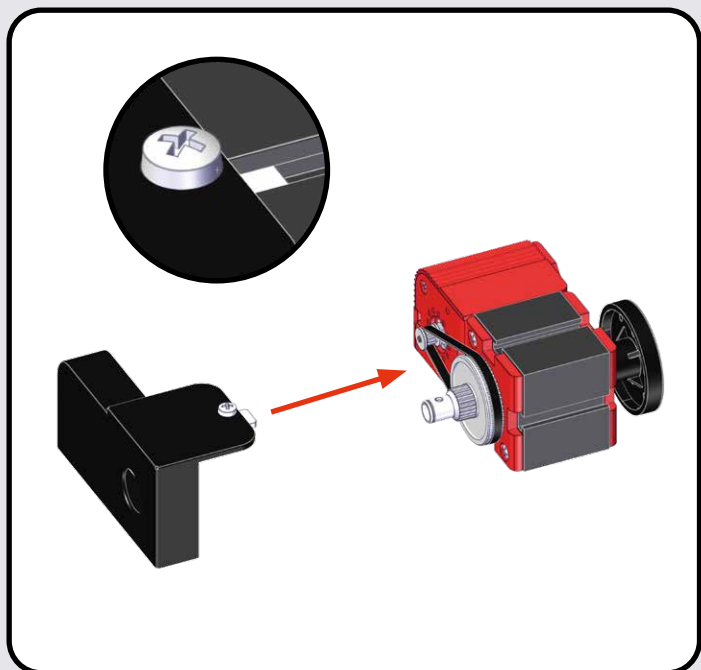


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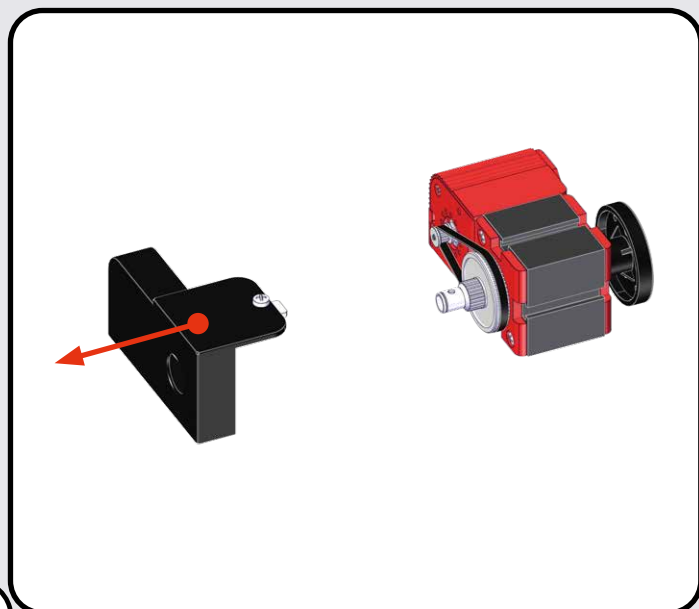
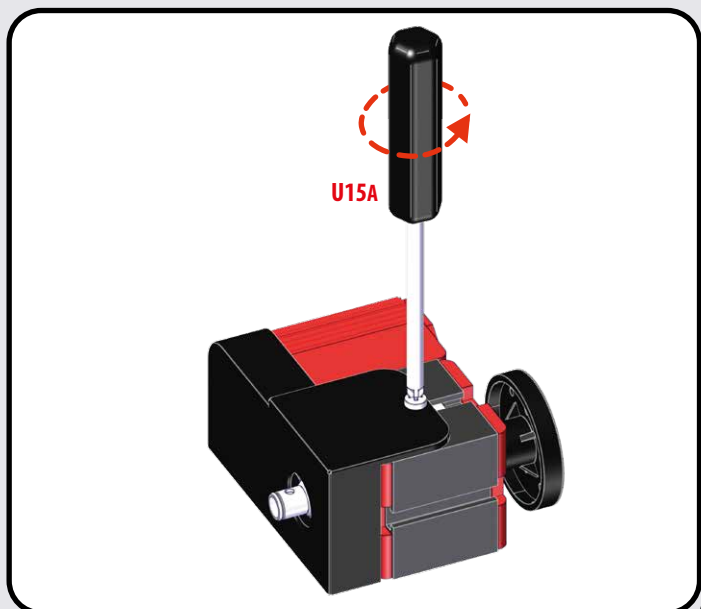




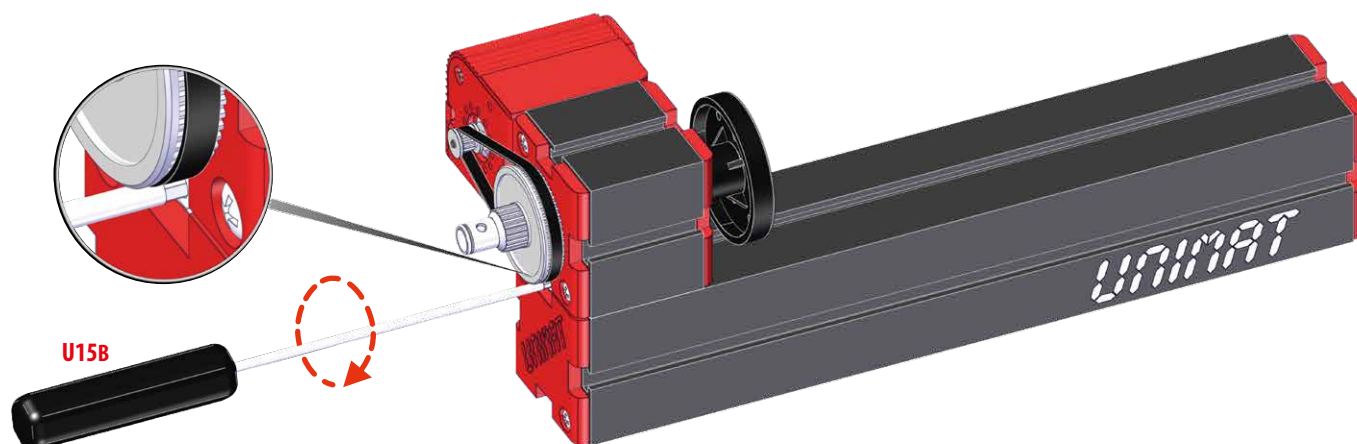
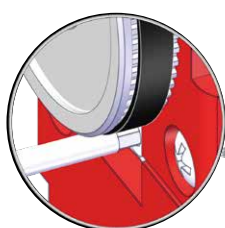
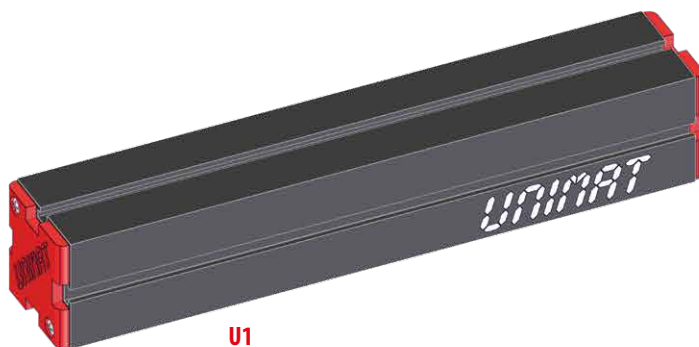
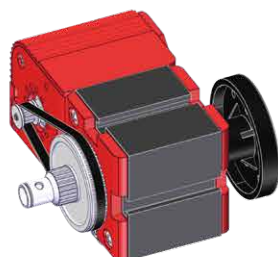
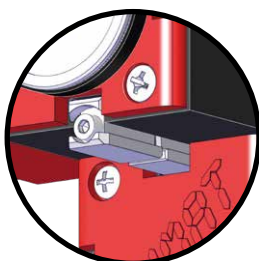
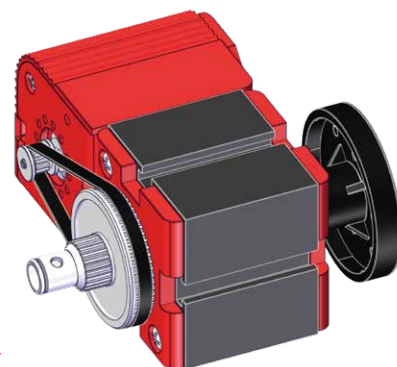
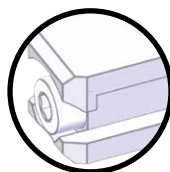
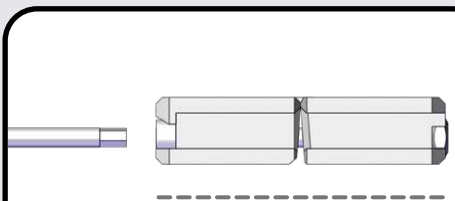
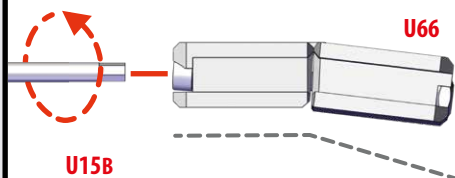


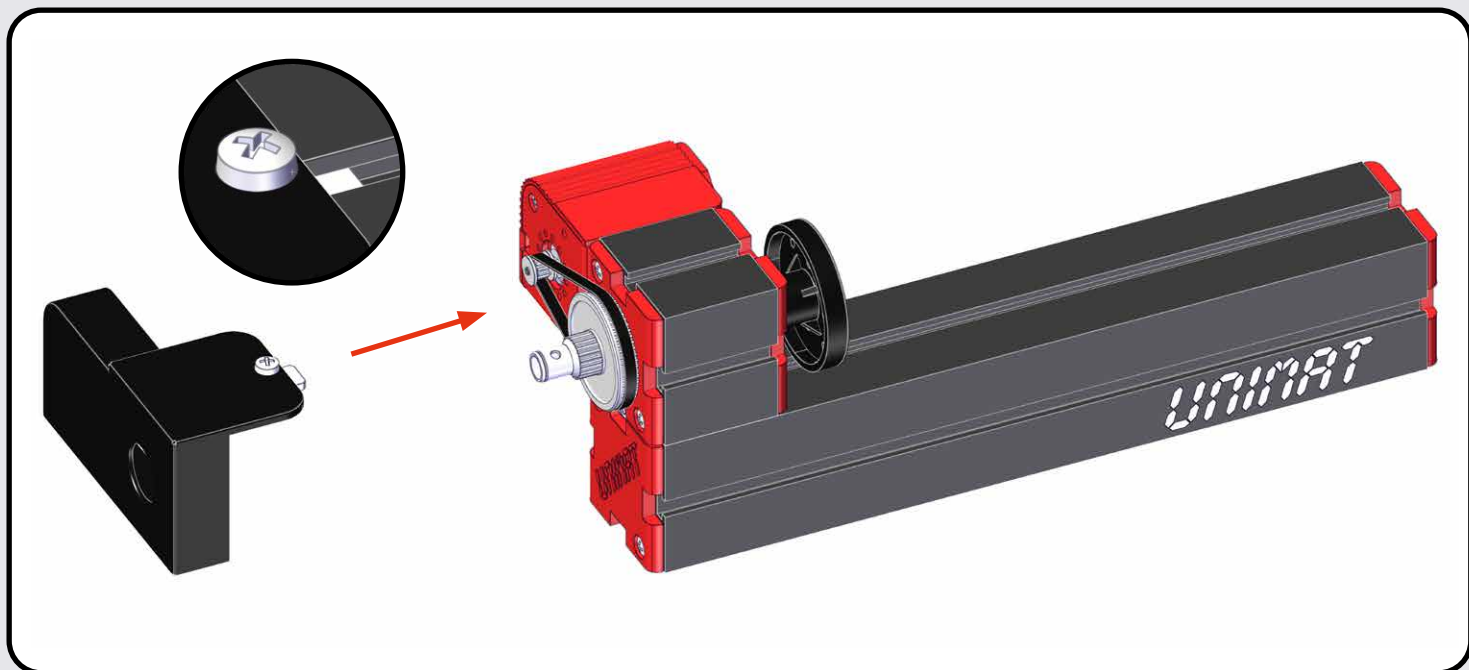


Varianten / variants / variantes / variantes / 变体 / варианты

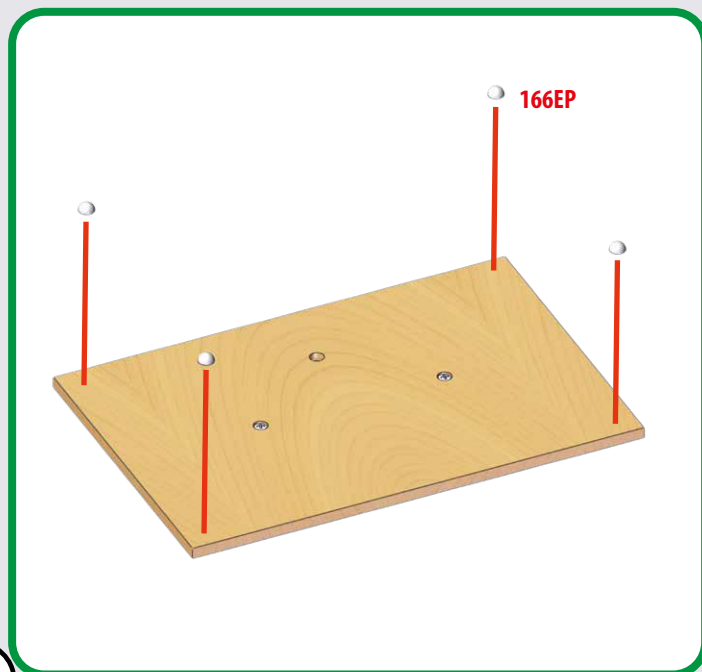
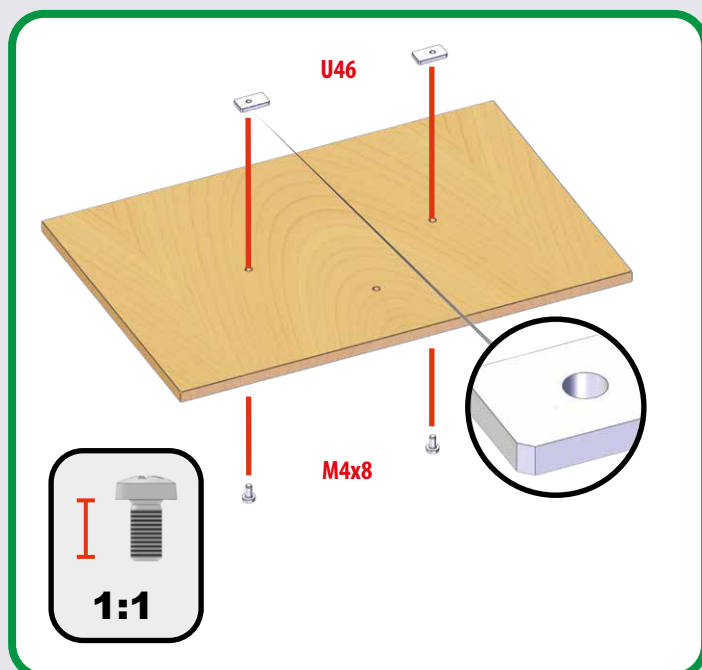


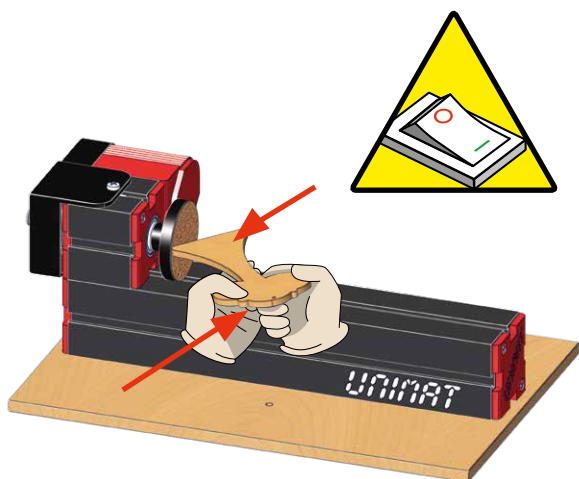
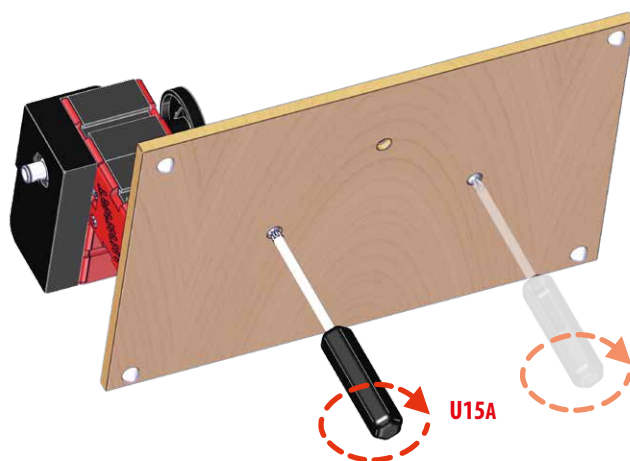
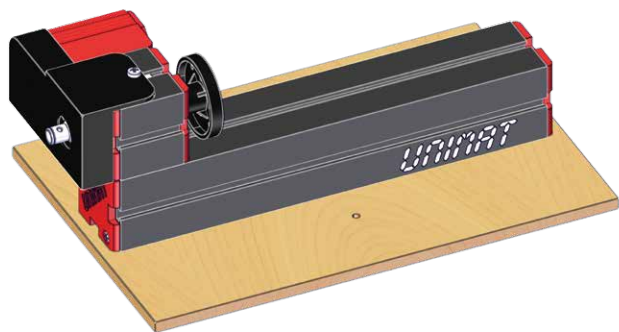
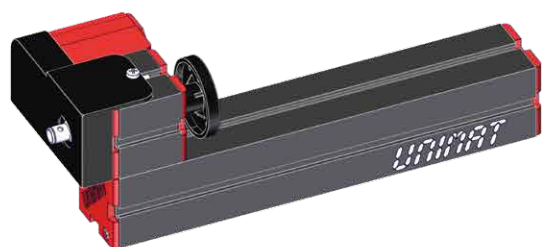
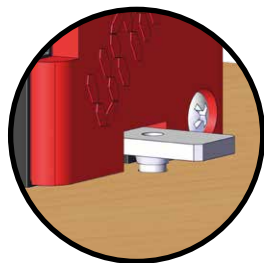
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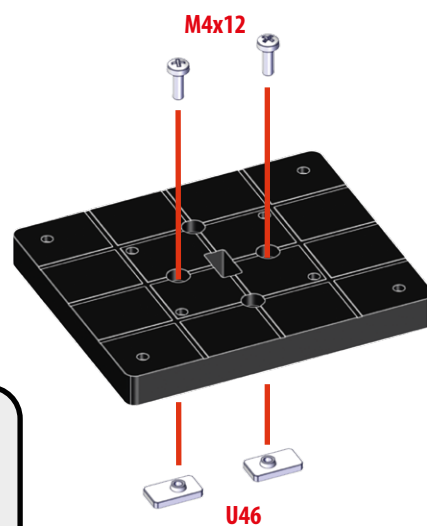
optional / optional / en option /
opcional / 选配件 / опционально

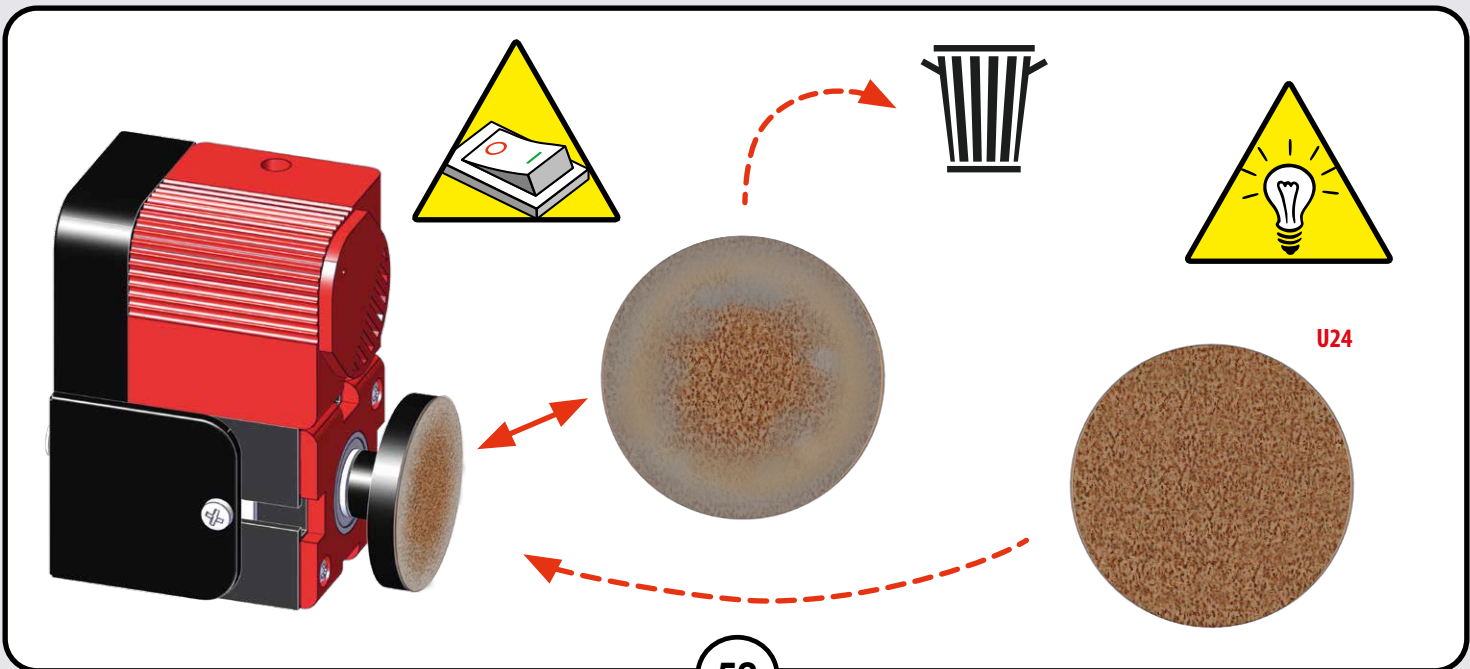
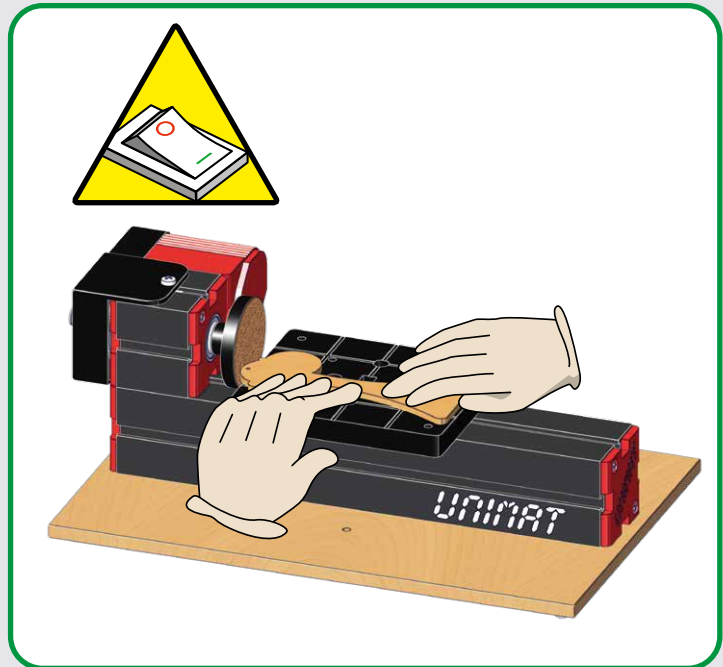
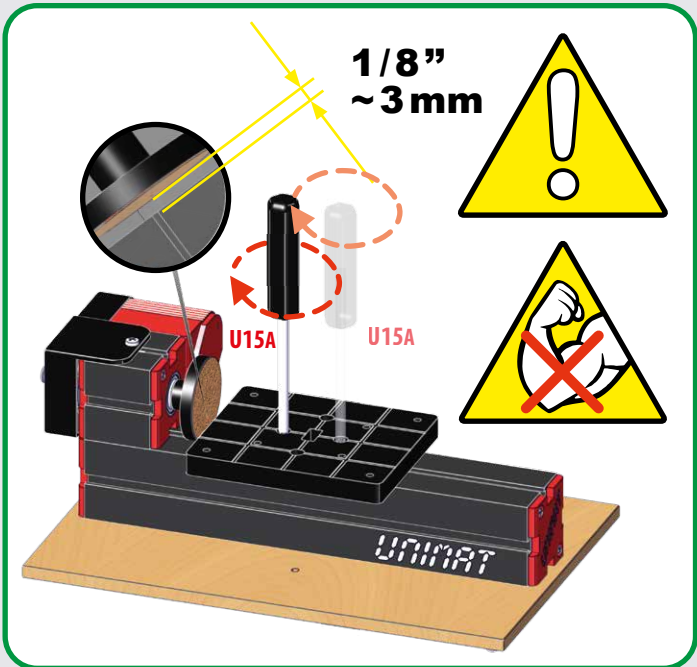
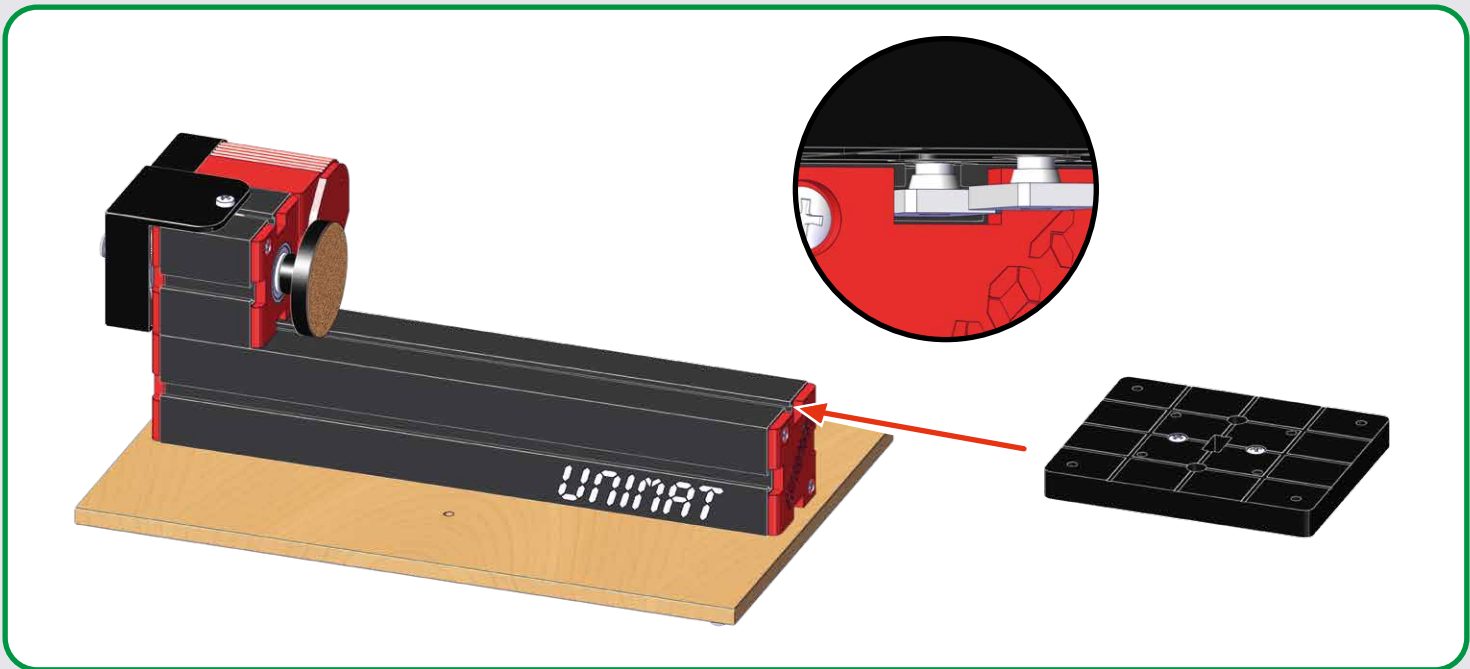




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opcional / 选配件 / опционально

art.no. 162 070





UNIMAT 1 Basic



Bohrmaschine

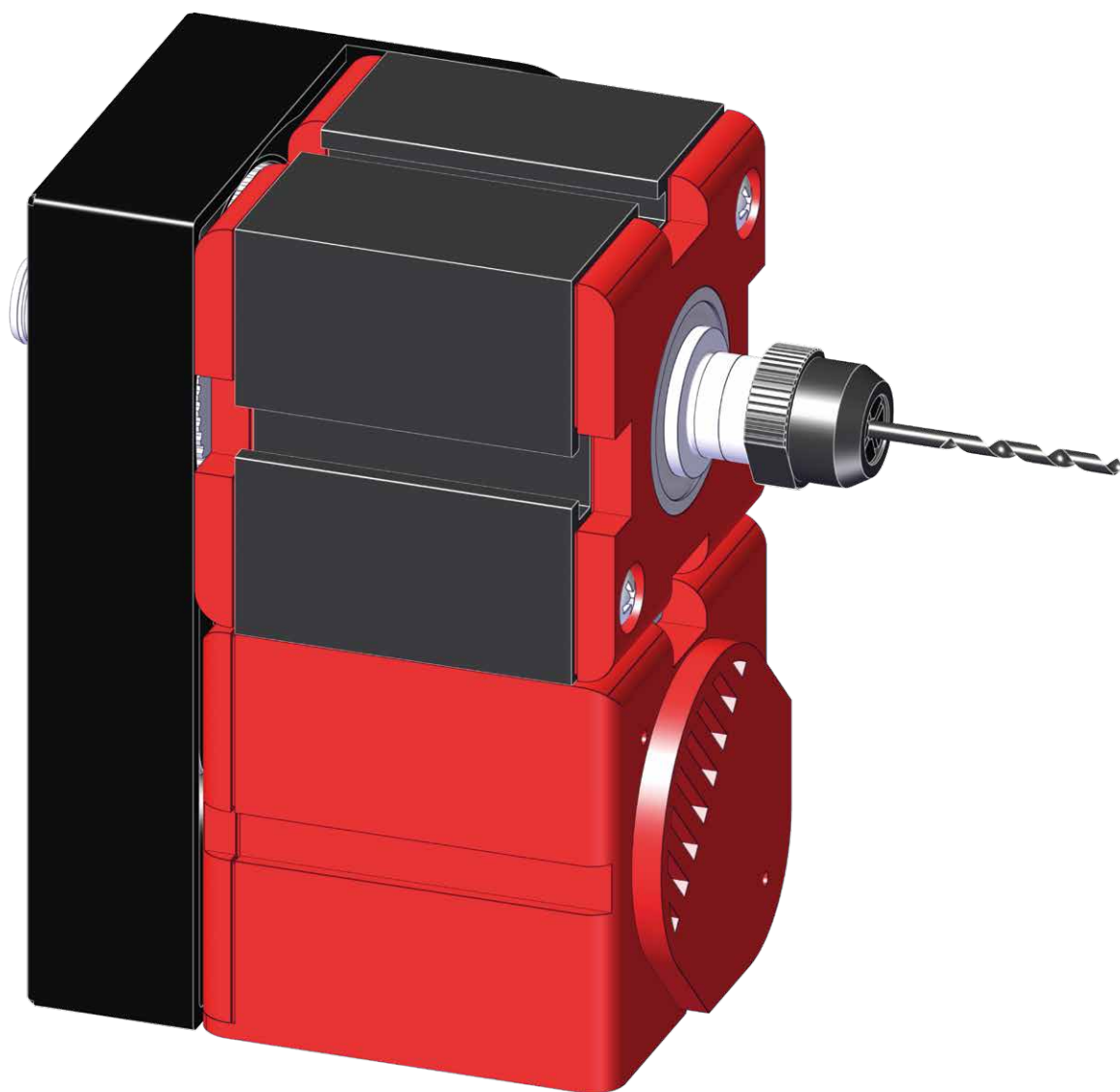
Handheld drill

Perceuse portative pratique

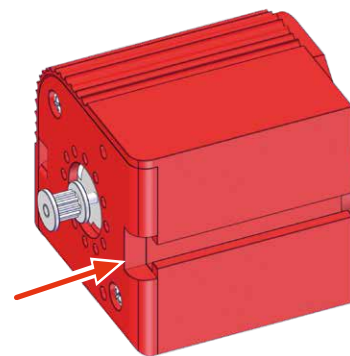
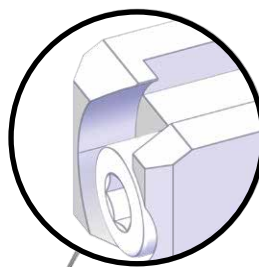
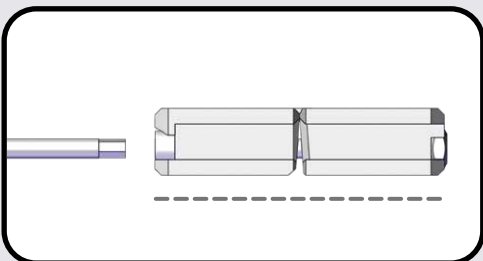
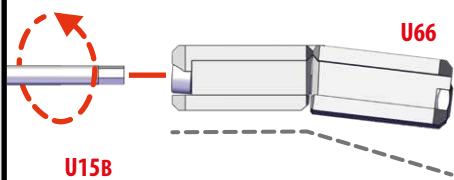
Esmeriladora manue parática

手钻

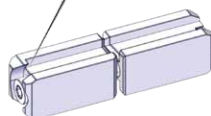
Ручная дрель



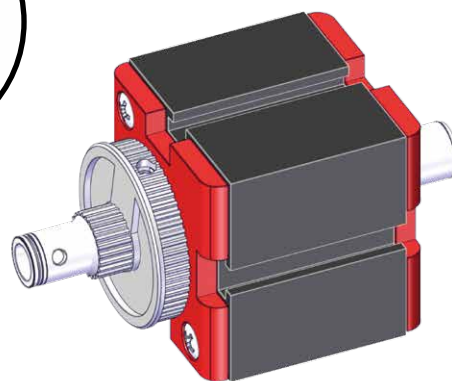
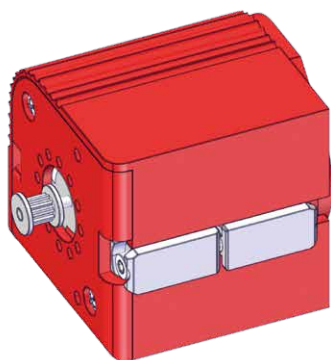
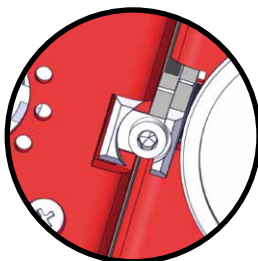
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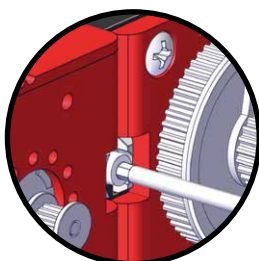
U4



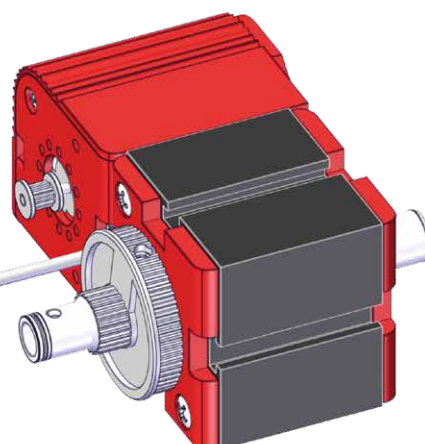
U66

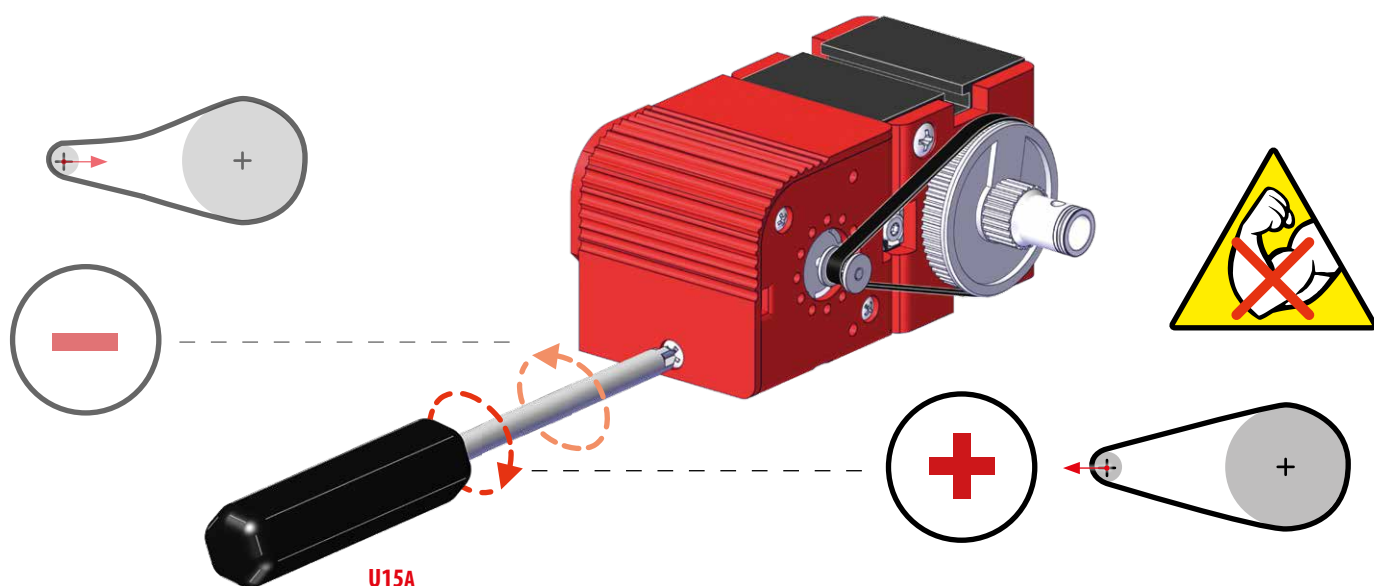
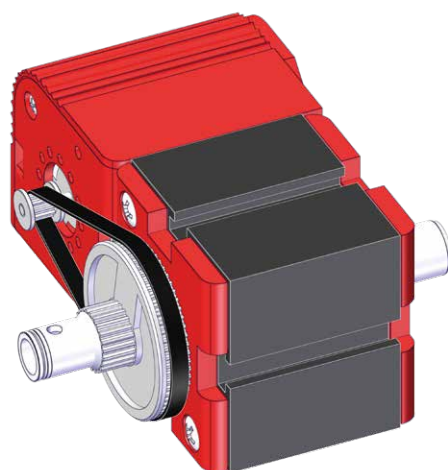
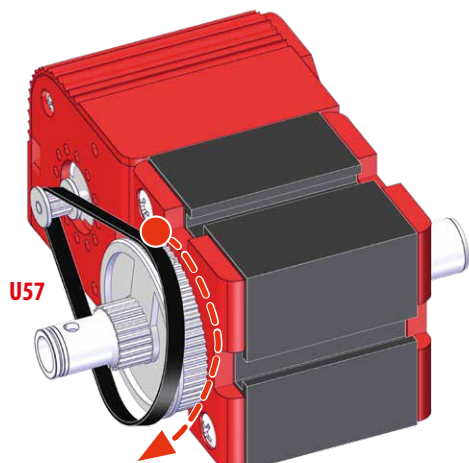
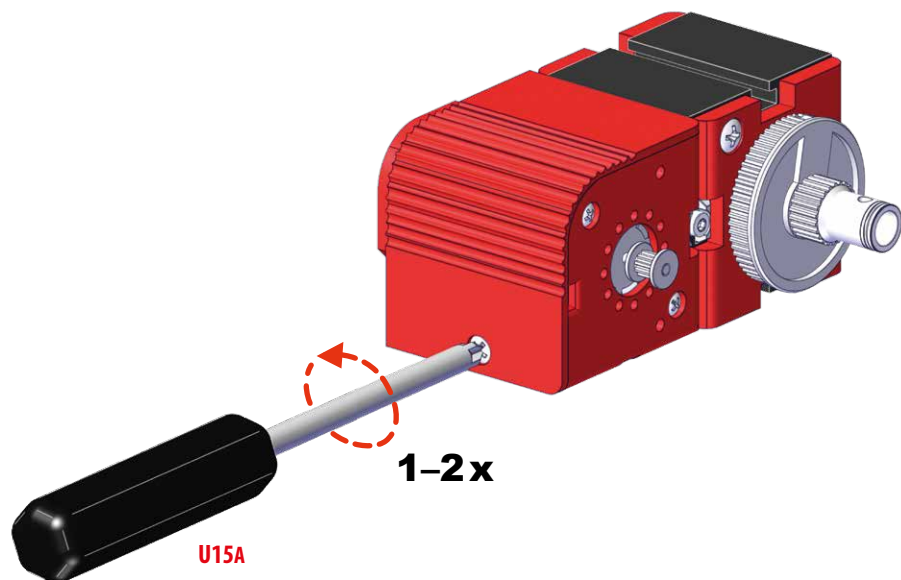


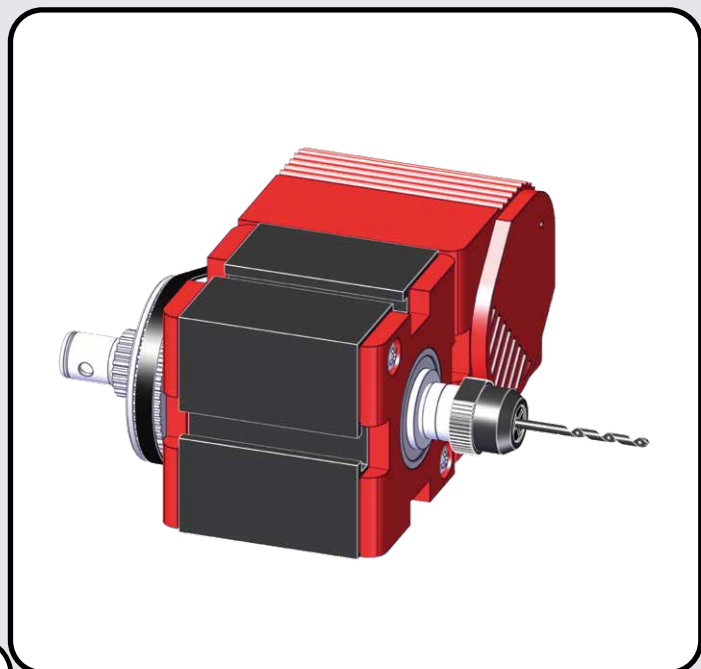
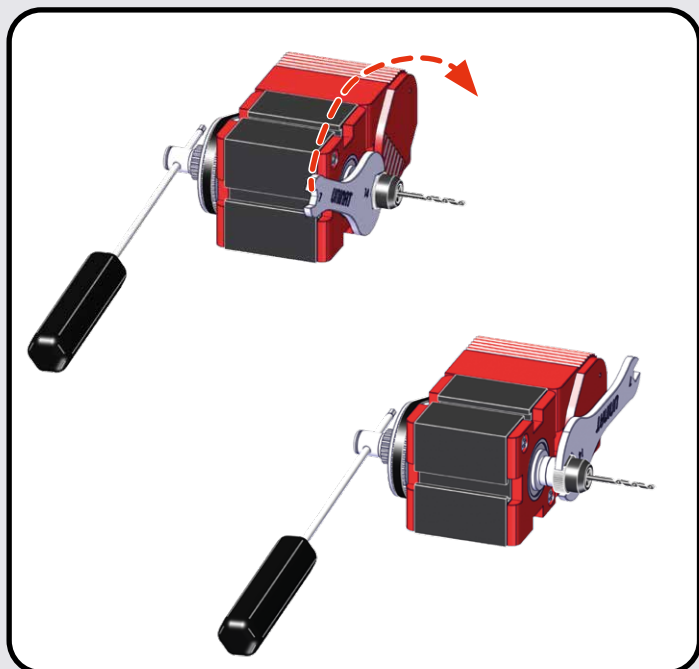
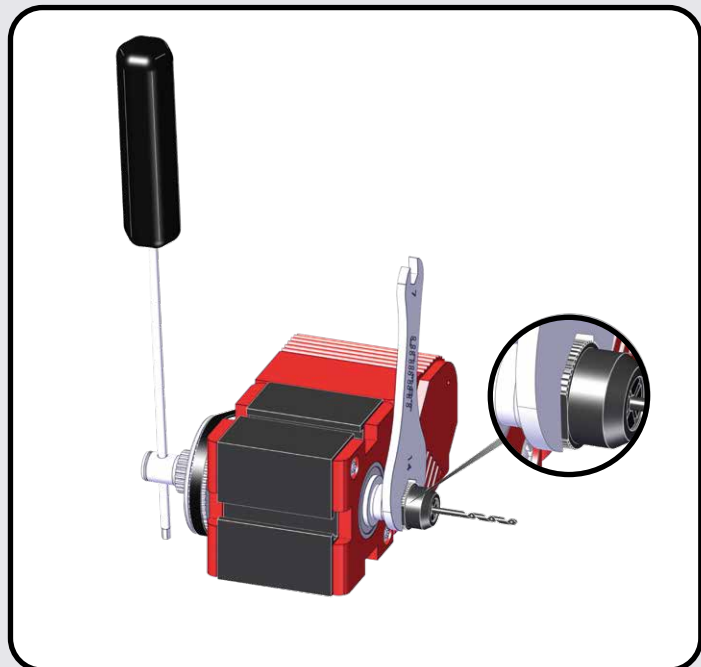
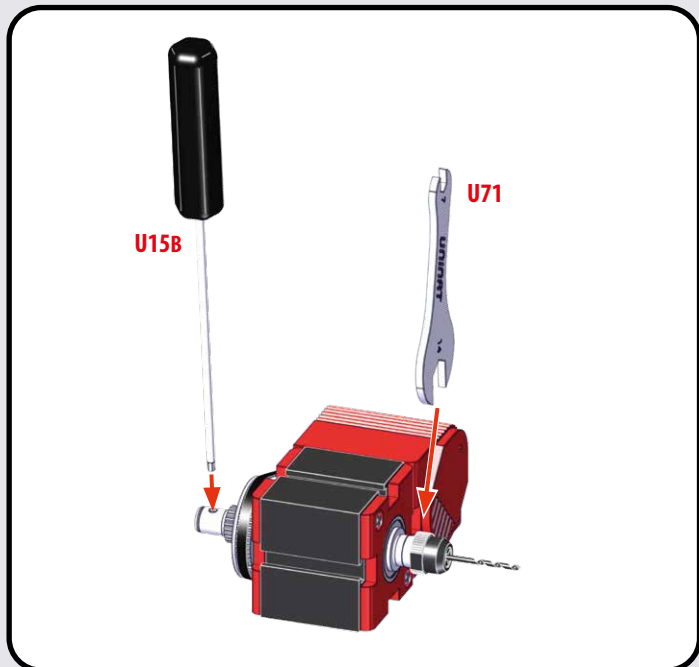
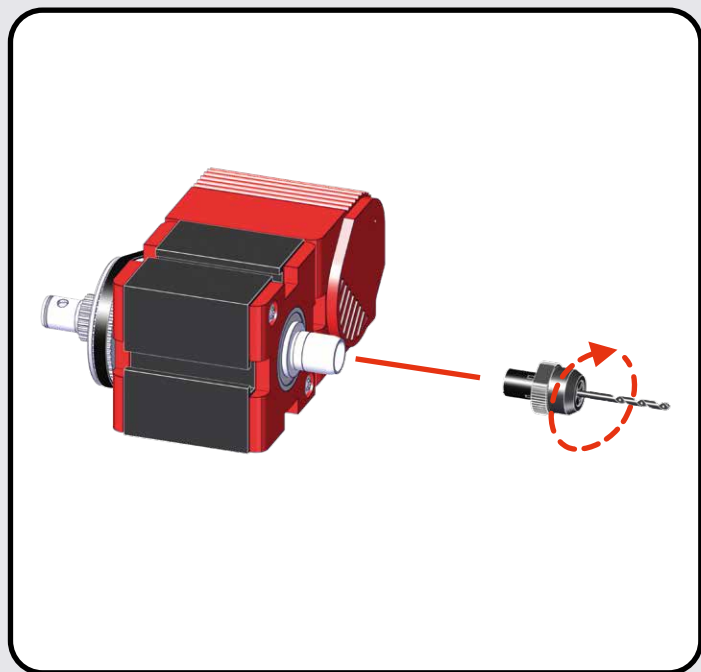
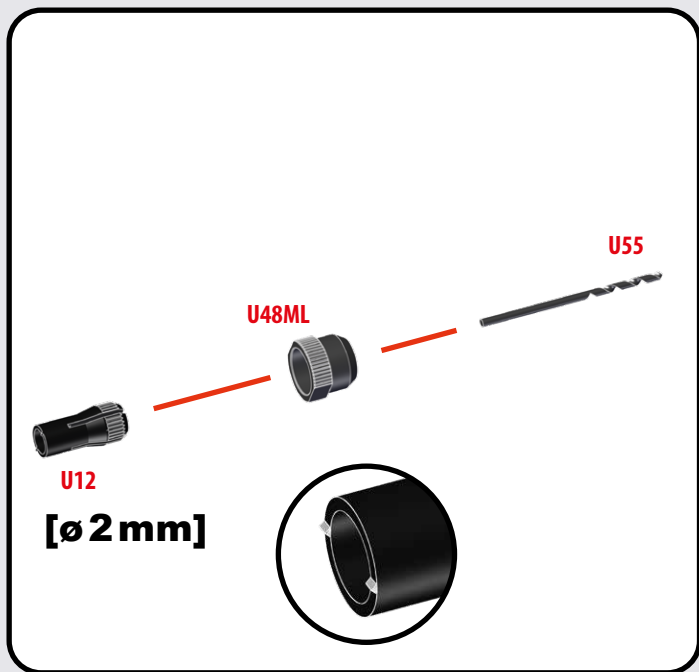
U2

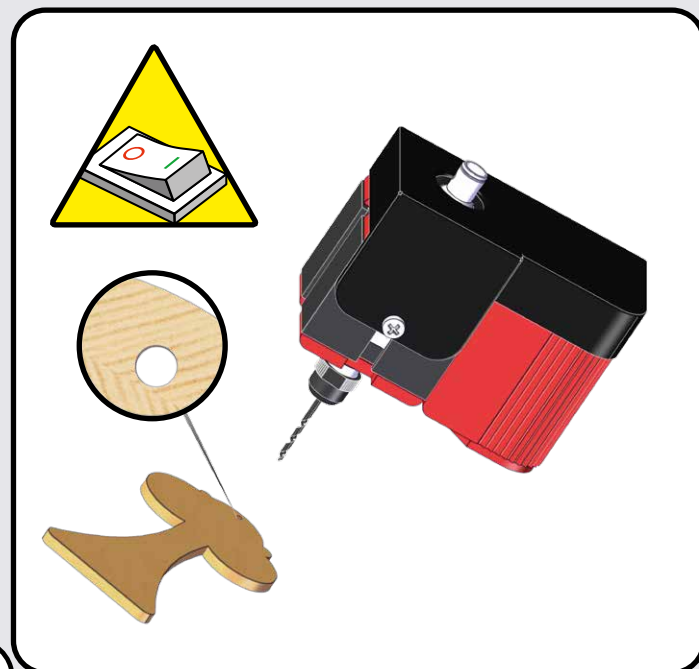
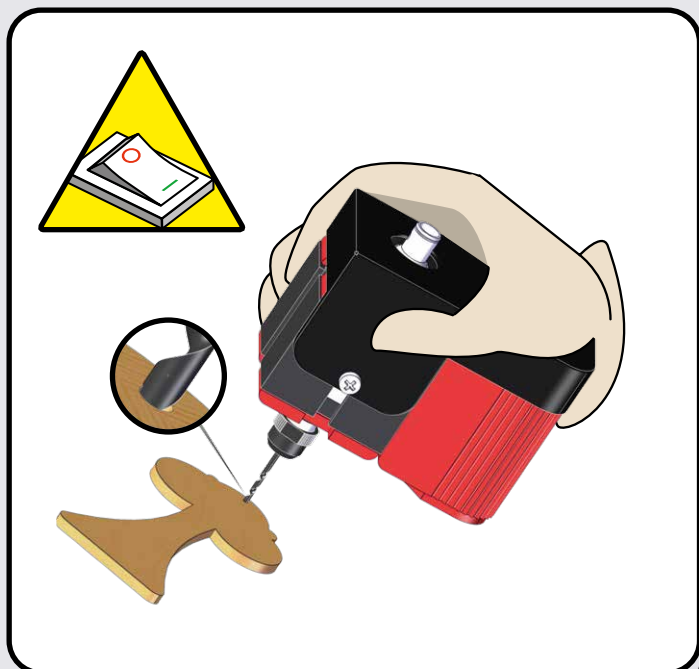
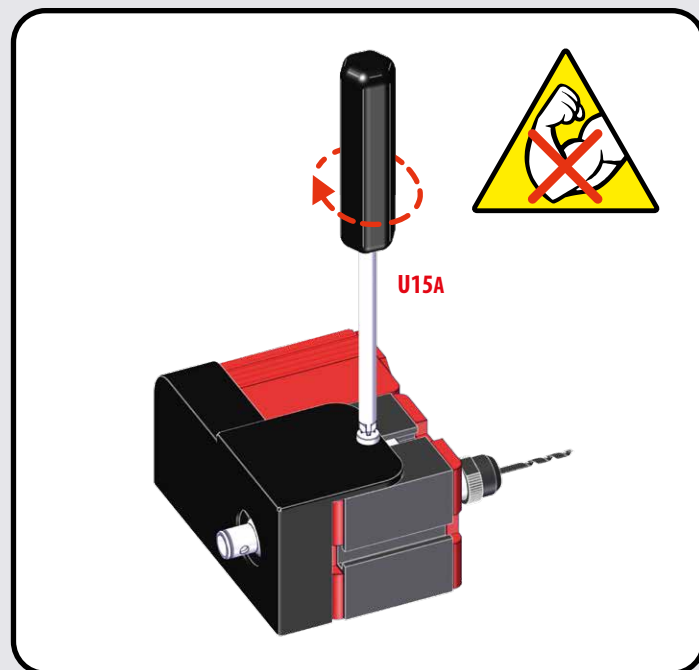
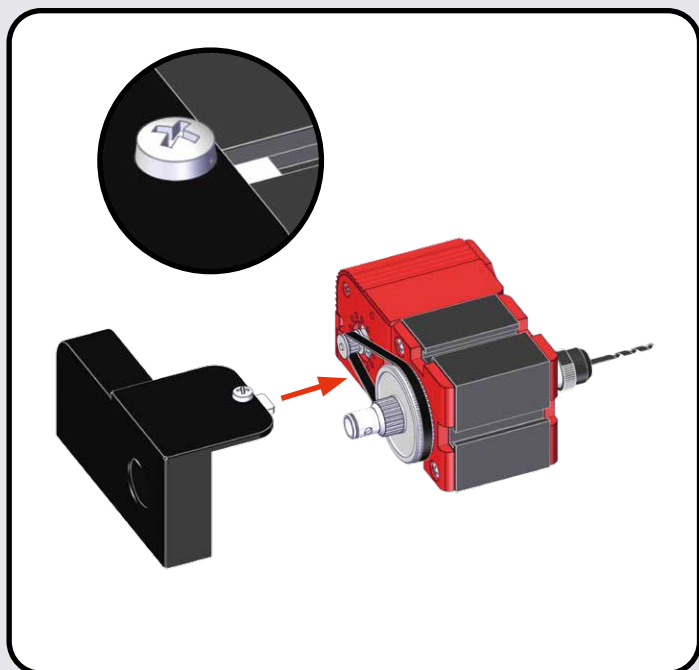
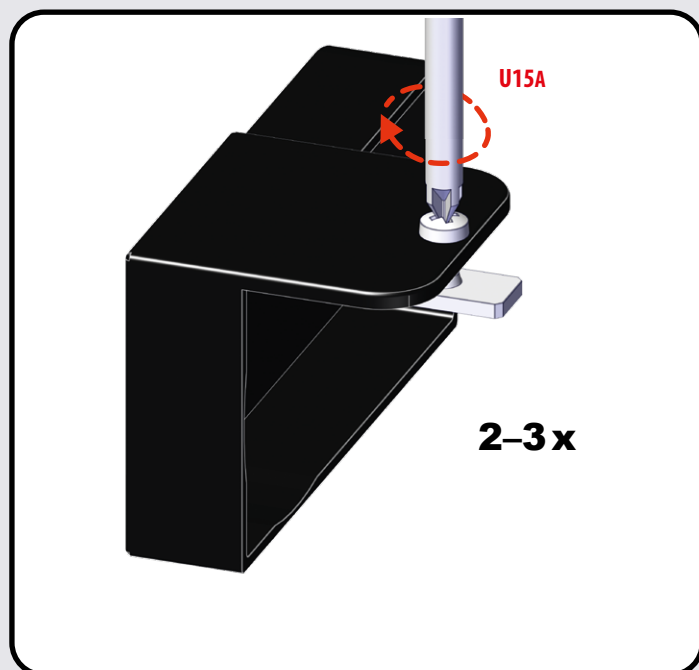
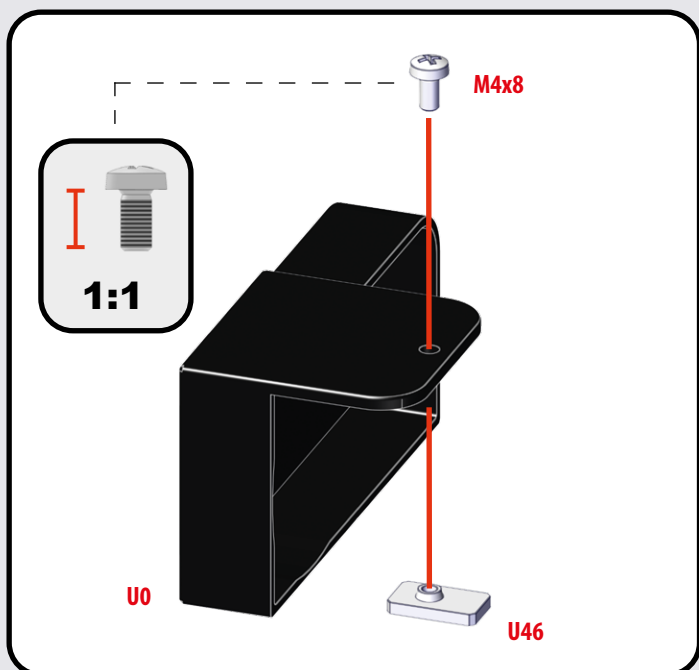


U15A









UNIMAT 1 Basic

Tips für Einsteiger

Tips for beginners

Pour Débutants

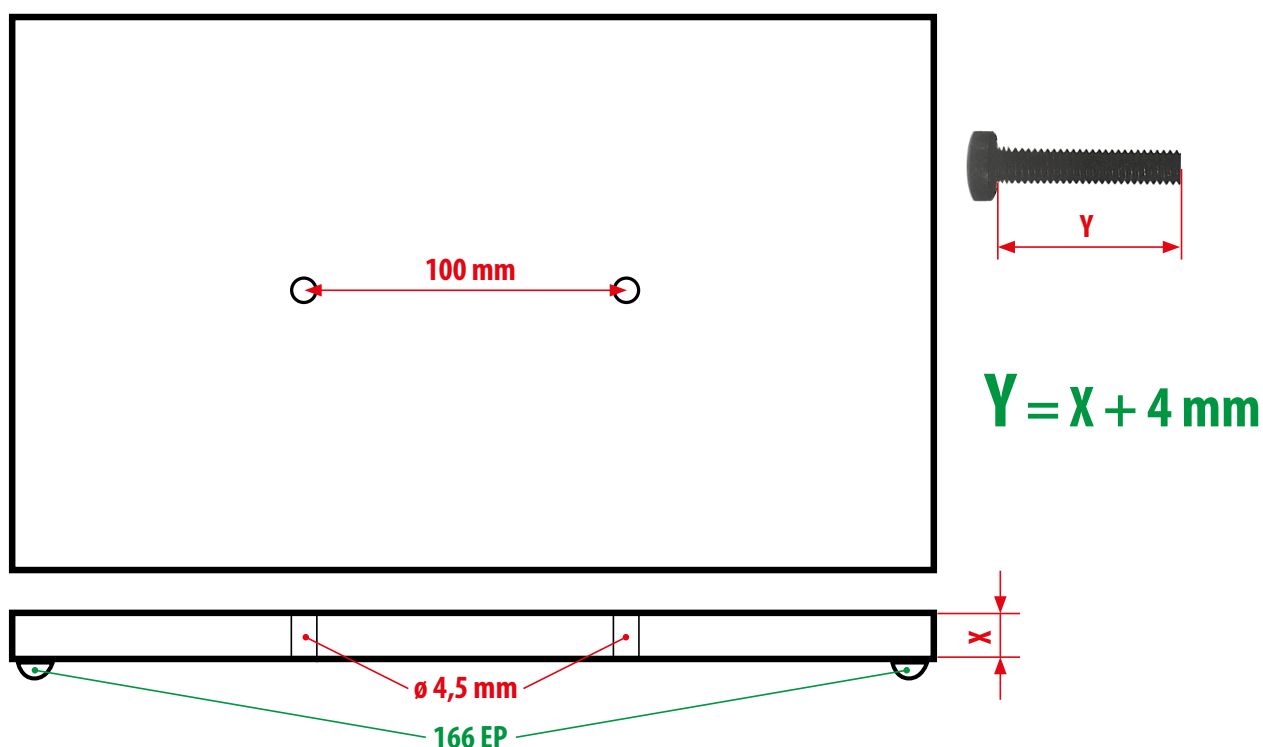
Indicaciones

适用于初学者的提示

Советы для начинающих

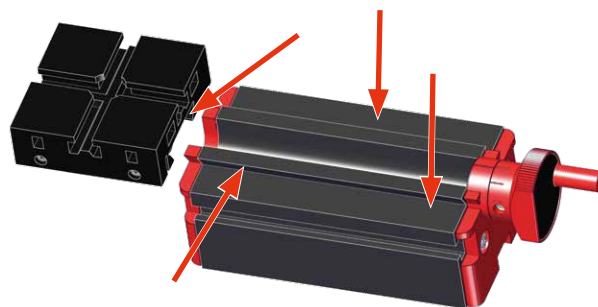
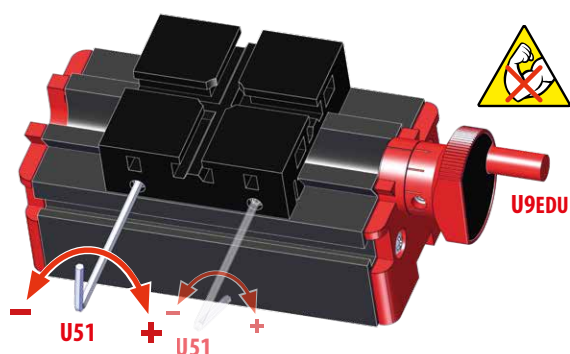
Montageplatte / Mounting plate / Plaque de montage /

Base soporte / 固定底板 / Монтажная пластина



Längsschlitten / Longitudinal slide / Chariot, grand /

Carro, grande / 长滑块 / Салазки продольные



- Schlittenspiel überprüfen
- Slide adjustment
- Vérification du jeu des charriots
- Adjustar los carros
- 滑块调整
- Регулируйте салазки

- Schlitten regelmäßig von Schmutz und Spänen reinigen anschließend nachfetten
- Clean and grease slide regularly
- Nettoyer et lubrifier les charriots régulièrement
- Limpiar y lubricar los carros regularmente
- 定期清洁润滑滑块
- Регулярно очищайте и смазывайте салазки

UNIMAT 1 Basic

TECH. SPECS.



EINZELTEILE

Motorvorgelege U2

Spindelnase: M12x1
Bohrung: 8 mm
Zahnkranz: 23 und 60 Zähne
2 gedichtete u. gefettete
Kugellager

Längsschlitten U9EDU*

Verstellweg: 50 mm

Motor U4

12 V Gleichstrom
Leistungsaufnahme bis 2 A
Zahnkranz: 12 Zähne
Leerlaufdrehzahl: 20.000 U/
min

Reitstock U6

M 12x1
Pinolenhub: 15 mm

Netzteil

prim. 110 - 240 V, 50 - 60 Hz,
sek. 14,4 V Gleichstrom, 2 A.

EINZELMASCHINEN

DrehSELbank

Spitzenhöhe 25 mm
Spitzenweite 135 mm

Stichsäge

Sägeblattthub: 4 mm
Sägetischfläche: 100 x 100 mm

Schleifmaschine

Schleiftellerdurchmesser: 49 mm



INDIVIDUAL PARTS

Headstock U2

Spindlenose: M12x1
Hole through spindle: 8 mm
Gear rim: 23 and 60 teeth
2 ballbearings

Longitudinal slide U9EDU*

Travel: 50 mm

Motor U4

12 V direct current
Power input up to 2 A
Gear rim: 12 teeth
Nom. rpm.: 20,000 rpm

Tailstock U6

M12x1
Travel of tailstock sleeve:
15 mm

Adaptor

prim. 110 - 240 V, 50 - 60 Hz,
sek. 14.4 V direct current, 2A.

MACHINES

Woodturning lathe

Centre height: 25 mm
Distance between centres:
135 mm

Jig-saw

Stroke of saw-blade: 4 mm
Table size: 100 x 100 mm

Sanding machine

Diameter of the sanding disc:
49 mm

Technische Daten

Technical data



PIÈCES INDIVIDUELLES

Broche de réduction U2

Nez de la broche: M12x1
Alésage: 8 mm
Roue dentée: 23 et 60 dents
2 roulements à billets
étanches et
lubrifiés

Longitudinal U9EDU*

Course de réglage: 50 mm

Moteur U4

12 V courant continu
Puissance absorbée jusqu'à
2 A
Roue dentée: 12 dents
Vitesse à vide: 20.000 t/mn

Poupée mobile U6

M12x1
Course de fourreau: 15 mm

Transformateur

prim. 110 - 240 V, 50 - 60 Hz,
sec. 14,4 V, 2A.

MACHINES INDIVIDUELLES

Tour à bois

Hauteur de pointes 25 mm
Entre-pointes 135 mm

Scie sauteuse

Course de lame: 4 mm
Surface de plateau:
100 x 100 mm

Ponceuse

Diametre du disque: 49 mm



PIEZAS SUELTAS

Cabezal U2

Saliente: M12x1
Paso de la barra: 8 mm
Engrane: 23 y 60 dientes,
2 baleros sellados y engrasados

Carro longitudinal U9EDU*

Recorrido de desplazamiento:
50 mm

Motor U4

12 V Corriente continua
Energía absorbida hasta 2 A
Engrane: 12 dientes
Revoluciones: 20.000 rpm

Contrapunta U6

M12x1
Carrera de pinol: 15 mm

Transformador

prim. 110 - 240 V, 50 - 60 Hz,
seg. 14,4 V corriente continua,
2 A.

MAQUINAS SUELTAS

Torno de madera

Altura de puntos 25 mm
Distancia entre puntos 135
mm

Sierra de calar

Carera de la hoja: 4 mm
Superficie de mesa:
100 x 100 mm

Máquina esmeriladora

Diámetro del disco: 49 mm

Caractéristiques techniques

informaciones técnicas



个别零件

主轴 U2

主轴螺纹: M12x1
主轴孔径: 8 mm
齿轮缘23齿及60齿 2个滚珠
轴承

长滑块 U9EDU*

行程: 50 mm

马达 U4

12V直流电
输入电流最大2A
齿轮缘: 12齿
额定转速: 20,000转/分钟

尾座 U6

尾座螺纹: M12x1
尾座行程: 15 mm

变压器

输入电压110-240 V
AC, 50-60 Hz
输出电压14.4V直流电, 输出
电流2A .

机器

木材车削:

中心高25 mm
中心距135 mm

线锯:

锯条行程: 4mm
锯台面: 100 x 100mm

砂磨机:

砂轮盘直径: 49 mm



ОТДЕЛЬНЫЕ УЗЛЫ

Шпиндельная бабка U2

Присоединительная резьба: M12x1
Внутренний диаметр: 8 мм
Зубчатые шкивы: 23 и 60 зубьев
2 шариковых подшипника

Салазки U9EDU (продольный суппорт)*

Перемещение: 50 мм

Двигатель U4

12 В, постоянный ток
Потребляемый ток: до 2 А
Ведущая шестерня: 12 зубьев
Скорость вращения: 20.000 об/мин

Задняя бабка U6

Присоединительная резьба: M12x1
Перемещение пиноли: 15 мм

Трансформатор

Первичное напряжение: 110-240 В,
50-60 Гц
Вторичное напряжение:
14,4 В, постоянный ток 2 А.

СТАНКИ

Токарный станок

Высота центров: 25 мм
Расстояние между центрами: 135 мм

Лобзик

Ход пилки: 4 мм
Размер рабочего стола: 100 x 100 мм

Шлифовальный станок

Диаметр шлифовального диска:
49 мм

Технические данные

* optional, optional, en option, opcional, 选配件, опционально

**QUALITY
PRODUCT
MADE IN
AUSTRIA**



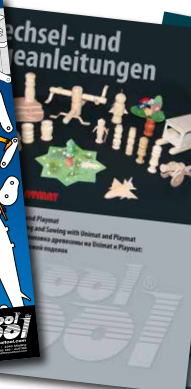
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art.no.162 630



art.no. VS1603



art.no.VS1604



art.no.VS1602



art.no.163300



art.no.162 141



art.no.163 600



art.no.901 440



art.no.163120

<https://thecooltool.com/produkte/unimat1-basic>

nicht im Maßstab | not in scale | pas à l'échelle | no es a escala | 不按比例 | не в масштабе

UNIMAT 1 Basic



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