

Assemble Me



Mechanical models

Model «Archballista-Tower»

Модель «Вежа-аркбаліста»

DEU Modell «Turmballista». **FRA** Modèle «Arbalète à Tour».

POL Model «Wieża Arkbalista». **SPA** Modelo «Torre de balista».

ITA Modello «Torre Balestra». **TUR** Model «Mancınık Kulesi».

RUS Модель «Башня-аркбалиста». **KOR** 발리스타 타워.

CHI 驛炮塔.

Assembly instructions

Інструкція зі складання

DEU Aufbauanleitung. **FRA** Notice d'assemblage.

POL Instrukcja montażu. **SPA** Instrucciones de montaje.

ITA Istruzioni di montaggio. **TUR** Kurulum talimatı.

RUS Инструкция по сборке. **KOR** 조립 설명서.

CHI 装配说明书



NATURAL
Made from wood materials



NO GLUE CONNECTION
Assembling without glue and chemicals



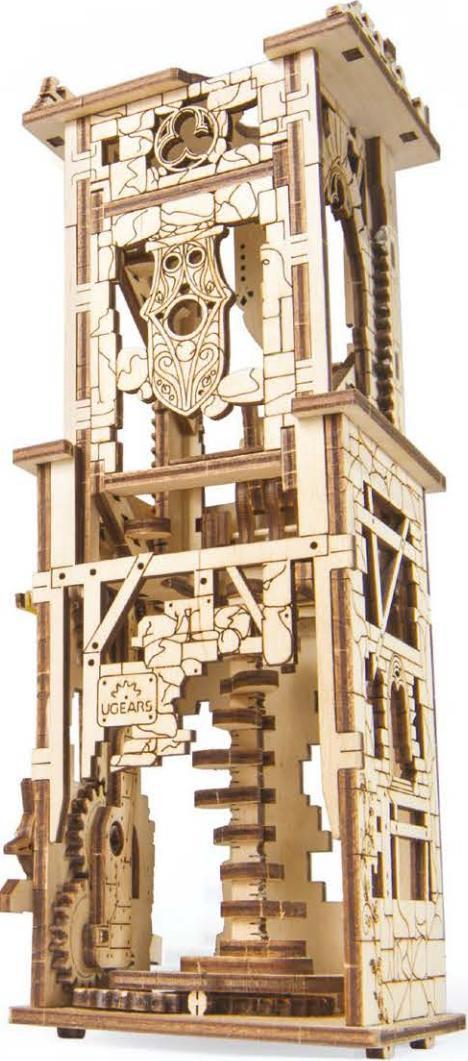
SELF ASSEMBLY
Details are already cut and ready to assemble



MECHANICAL
The models produce motion



EDUCATIONAL
Perfect for family projects through hands-on STEM learning



ENG

Assembly instructions:
Remove model parts from the hanger board as illustrated below. Careful not to break parts. If a part does not remove easily, carefully cut it out with a knife. This model is intended for self-assembly without glue. If you have difficulty installing the axles, try waxing them with a regular candle. All moving parts can also be waxed during assembly to reduce friction when operating the model.

UKR

Інструкція зі складання:
Витягніть з дошки позначені на схемі деталі. Намагайтесь їх не зламати. Якщо деталь не виймається, надсічте перемички ножем. Конструкція збирається без клею. У разі виникнення труднощів з протягуванням зубочистки (бісі) в отвір, потрій зубочистку об звичайну свічку. Також можна замінити свічкою всі деталі механізму, що рухаються, щоб зменшити тертя при обертанні.

DEU

Aufbauanleitung:
Bitte die in der Zeichnung angegebenen Teile aus der Platte herausnehmen. Versuchen Sie bitte diese nicht zu brechen. Wenn sich ein Teil nicht herausnehmen lässt, schneiden Sie die Stege mit dem Messer leicht an. Das Modell wird ohne Klebstoffe zusammengebaut. Lässt sich eine Achse nur schwer in eine Öffnung einführen, reiben Sie diese mit einer Kerze etwas ein. Für besseres Gleiten schmieren Sie alle beweglichen Teile mit einer Kerze.

FRA

Notice d'assemblage:
Faites sortir de la planche les pièces comme indiquées sur le schéma. Tâchez de ne pas les casser. Si la pièce ne sort pas, incisez les collages/fixations avec un couteau. La construction est à assembler sans colle. Si il est difficile d'introduire l'axe en bois dans l'orifice, frottez au préalable l'axe ou les pièces contre une bougie. Pour améliorer le glissement, traitez les pièces de frottement mobiles du mécanisme avec une bougie au cours d'assemblage.

POL

Instrukcja montażu:
Delikatnie wyciągaj z deseczki wskazane w schemacie detale, starając się nie połamać elementów. Jeśli detal nie poddaje się, podcięńią wiązadła nożem. Konstrukcje składa się bez kleju. Jeśli napotkasz trudności z instalacją drewnianej osi w otwór, zagnieźdzaj ją na początku osi lub detaile o woskową świecę. Dla lepszego poślizgu polecam smarowanie ruchomych części mechanizmu zwykłą świecą podczas montażu.

SPA

Instrucciones de montaje:
Saque de la tabla las piezas marcadas en el esquema. Trate de no romperlas. Si una pieza no se saca, haga una incisión. La construcción va sin pegamento. Si tiene dificultades con la instalación del eje de madera en un agujero, frote primero el eje o las piezas contra una vela. Para un mejor deslizamiento, lubrique durante el montaje las piezas móviles del mecanismo con una vela común.

ITA

Istruzioni di montaggio:
Estrarre dal telaio i particolari indicati nello schema. Fare attenzione a non romperli. Se un particolare non si stacca, tagliare delicatamente gli elementi di collegamento con un coltello. L'asse viene realizzato senza colla. In caso di difficoltà nell'inserramento di un perno in legno, è necessario sfregare il perno o il particolare con un po' di cera. Per uno scorrimento migliore incendiare le parti mobili del meccanismo durante l'assemblaggio.

TUR

Kurulum talimatı:
Şemada işaretlenen parçaları tahtadan çıkarın. Kirılmamasına dikkat edin. Parça çıkarılmıyorsa bağlı yerleri bıçakla kesiniz. Konstruksyon, yapıştırıcı kullanmadan yapılmaktadır. Tahta dingilini (kürdan) deliğin içine yerleştirmede zorluk çekiyorsanız önceden dingile veya parçalara mum sürünen. Hareketli parçaların daha iyi kayması için kurulum sırasında parçalara mum sürüneniz.

RUS

Инструкция по сборке:
Вынимайте из доски обозначенные на схеме детали. Страйтесь их не сломать. Если деталь не извлекается, надрежьте перемычки ножом. Конструкция собирается без клея. Если возникли трудности с установкой деревянной оси, перед установкой потрите детали об обычную свечу. Для лучшего скольжения смазывайте движущиеся детали механизма обычной свечой во время сборки.

KOR

조립 설명:
부품이 손상되지 않도록 주의하여 보드에서 떼어냅니다. 만약 부품이 잘 떨어지지 않으면 연결 부분을 칼로 절단한 후 떼어내면 쉽게 떼어 낼 수 있습니다. 본 제품은 접착제가 없이 조립이 가능하도록 설계되어 있습니다. 만약 축이 잘 끼워지지 않는 경우 양초를 출에 바른 후 끼워보세요. 모든 구동 부위는 제품 구동 시 원활한 작동이 가능하도록 조립 과정에서 윤활제(양초) 양초를 발라 주세요.

CHI

装配说明
将模型部件按插图示，从胶合板取下。小心不要损坏件。如果取下时候有难度，请用小刀小心的切割连接点。这个产品不需要胶水粘接。如果安装转轴的时候有难度，请用普通的蜡加以润滑。所有的转动部分也需要打蜡润滑。



ENG Do not use a lighted candle! **UKR** Не підпаливати! **DEU** Nicht anzünden!
FRA Ne pas brûler! **POL** Nie podpalać! **SPA** ¡No encender! **ITA** Non dare fuoco!
TUR Yakmayın! **RUS** Не поджигать! **KOR** 불이 붙은 초를 이용하지 마세요!
CHI 请勿点燃，请勿靠近火源！



ENG Caution! Axles have sharp points! **UKR** Обережно! Гострі деталі! **DEU** Vorsicht! Spitzte Teile! **FRA** Attention: certaines pièces sont pointues! **POL** Ostrożnie!
SPA ¡Atención! Piezas afiladas! **ITA** Attenzione! Particolari appuntiti!
TUR Dikkat! Keskin parçalar! **RUS** Осторожно! Острые детали! **KOR** 측의 뾰족한 부분에 주의하세요! 注意！ **CHI** 倉尖锐部件！

ENG Symbols. **UKR** Умовні позначення. **DEU** Legende. **FRA** Légende. **POL** Oznaczenia umowne.

SPA Leyenda. **ITA** Legenda. **TUR** Kararlaştırılan işaretler. **RUS** Условные обозначения. **KOR** 기호. **CHI** 图标含义



ENG Wax the part with a regular candle (rub with a candle). **UKR** Змастіть деталь звичайною свічкою (потрій об свічку). **DEU** Reiben Sie das Teil mit einer einfachen Kerze etwas ein. **FRA** Lubrifiez la pièce avec une bougie ordinaire (frottez contre la bougie). **POL** Przesmaruj zwykłą świecą. **SPA** Engrase la pieza con una vela común (frote con una vela). **ITA** Incerare il componente (Sfregare con la cera). **TUR** Parçaya sade mum sürünen. **RUS** Смажьте деталь обычной свечкой (потрите о свечку). **KOR** 표시된 부분에 윤활을 위해 초를 칠해 주세요. **CHI** 用普通蜡烛涂抹润滑部件。



ENG Pay attention. Check for correct orientation or positioning. **UKR** Зверніть увагу. Перевірте розташування елемента. **DEU** Bitte Beachten. Prüfen Sie die Einbaulage des Elementes. **FRA** Faites attention. Vérifiez la disposition de l'élément. **POL** Zwróć uwagę. Sprawdź lokalizację elementu. **SPA** Atención. Compruebe la situación del elemento. **ITA** Prestare attenzione. Controllare la posizione del componente. **TUR** Dikkat. Elemanın yerleşimini kontrol ediniz. **RUS** Обратите внимание. Проверьте расположение элемента. **KOR** 방향 또는 위치에 주의해서 조립해 주세요. **CHI** 注意！检查部件方向和位置



ENG Press the parts as far as they will go. **UKR** Притисніть деталі до упору. **DEU** Drücken Sie die Teile bis zum Anschlag. **FRA** Pressez les pièces à fond. **POL** Przyciśnij element, aż do oporu. **SPA** Pulse para detener las piezas. **ITA** Stingere bene i componenti. **TUR** Parçaları sonuna kadar sıkıştırınız. **RUS** Прижмите детали до упора. **KOR** 부품을 양쪽에서 눌러서 고정해 주세요. **CHI** 用力紧密结合部件



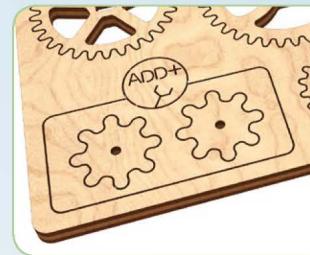
ENG The part should be easily rotated (moved). **UKR** Деталь повинна легко крутитися (рухатися). **DEU** Der Teil soll leicht gedreht (bewegt) werden. **FRA** La pièce doit tourner (se déplacer) aisément. **POL** Element powinien łatwo się kręcić (poruszać się). **SPA** La pieza debe ser fácil de girar (mover). **ITA** Il componente deve girare (muoversi) facilmente. **TUR** Parça kolayca dönmel (hareket etmeli). **RUS** Деталь должна легко крутиться (двигаться). **KOR** 활하게 움직일 수 있어야합니다. **CHI** 此部件必须容易的旋转 (移动)



ENG Sand to remove burrs. **UKR** Видаліть задирки. **DEU** Grate entfernen. **FRA** Eliminez les bavures. **POL** Usuń zadziory. **SPA** Quite las rebabas. **ITA** Togliere le bave. **TUR** Çapakları çıkartın. **RUS** Удалите заусенцы. **KOR** 거친 부분을 다듬어 주세요. **CHI** 磨掉毛刺

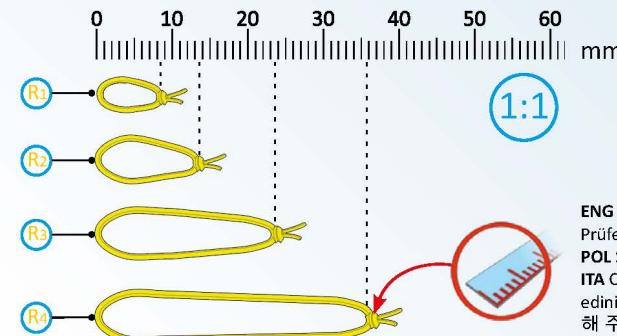


ENG Break off or cut out. **UKR** Відламайте або відріжте. **DEU** Abbrechen oder Abschneiden. **FRA** Coupez ou cassez. **POL** Odłam lub odetnij. **SPA** Rompa o corte. **ITA** Staccare o tagliare. **TUR** Kırın veya kesin. **RUS** Отломайте или отрежьте. **KOR** 잘라내 주세요. **CHI** 切断

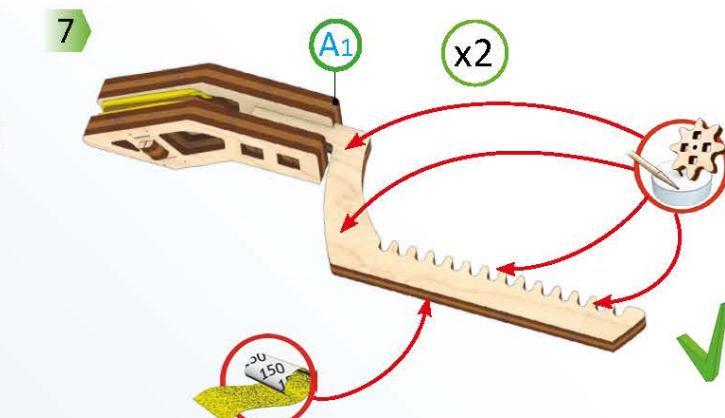
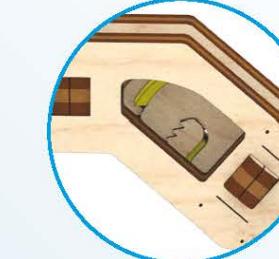
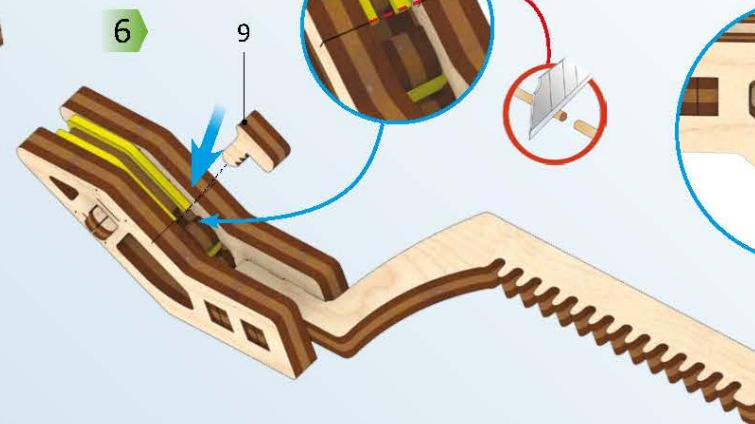
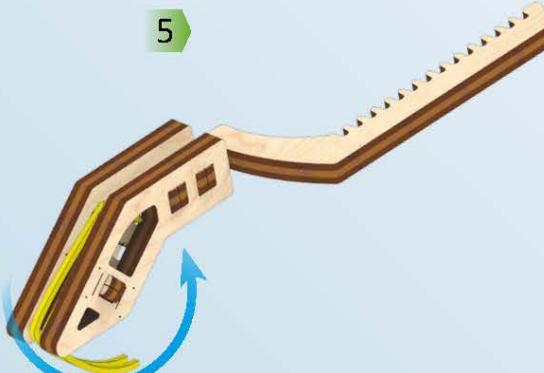
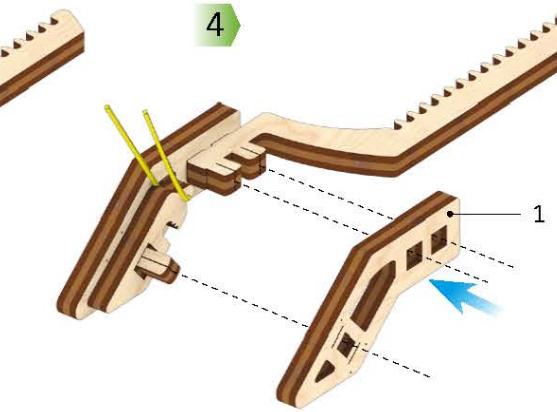
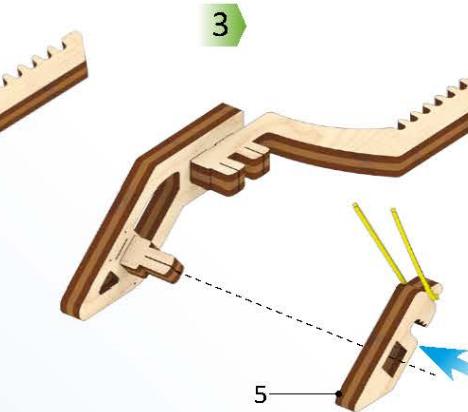
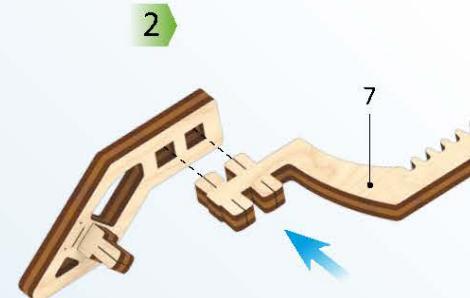
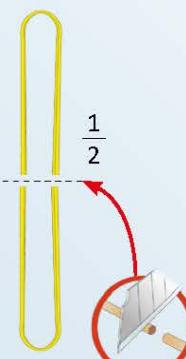
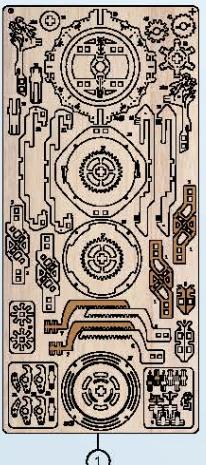


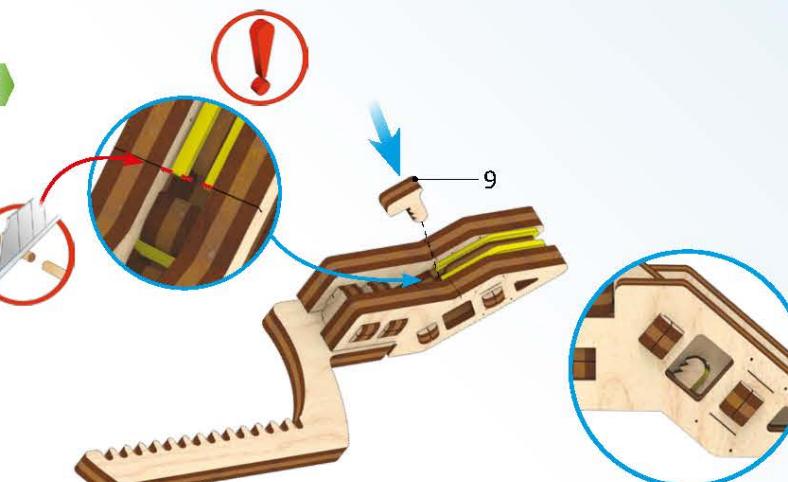
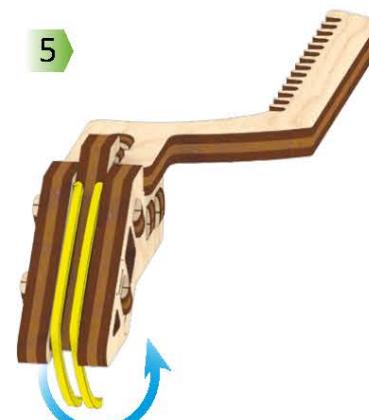
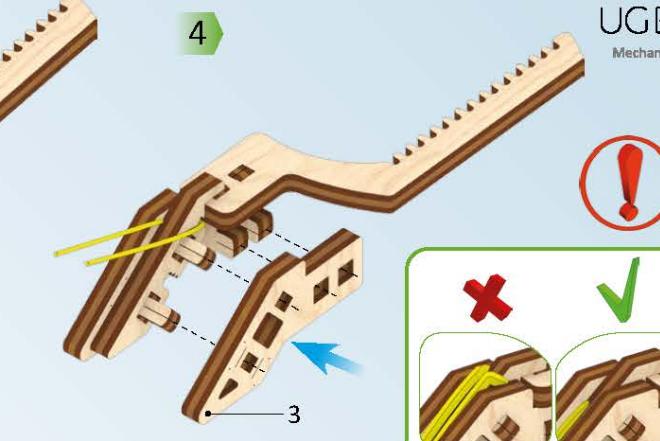
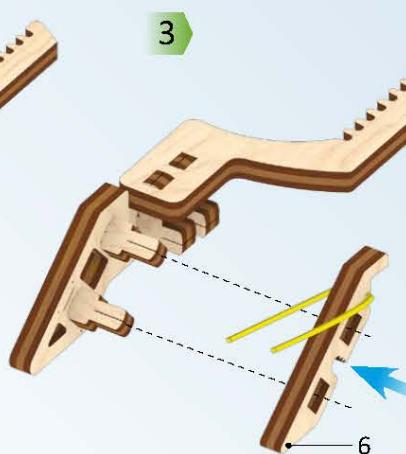
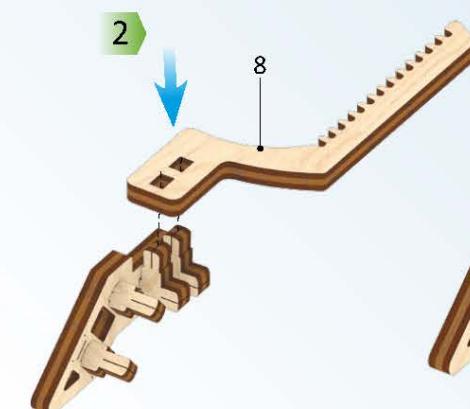
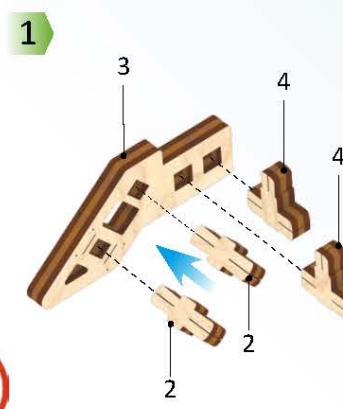
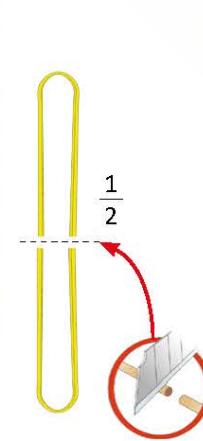
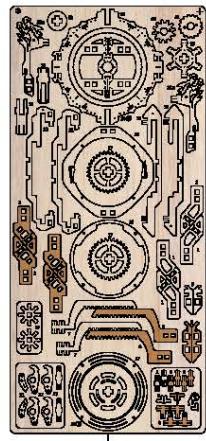
ENG Spare parts. **UKR** Запасні деталі. **DEU** Ersatzteile. **FRA** Pièces de rechange. **POL** Części zamienne. **SPA** Piezas de repuesto. **ITA** Pezzi di ricambio. **TUR** Yedek parçalar. **RUS** Запасные детали. **KOR** 여유 부품입니다. **CHI** 备用件

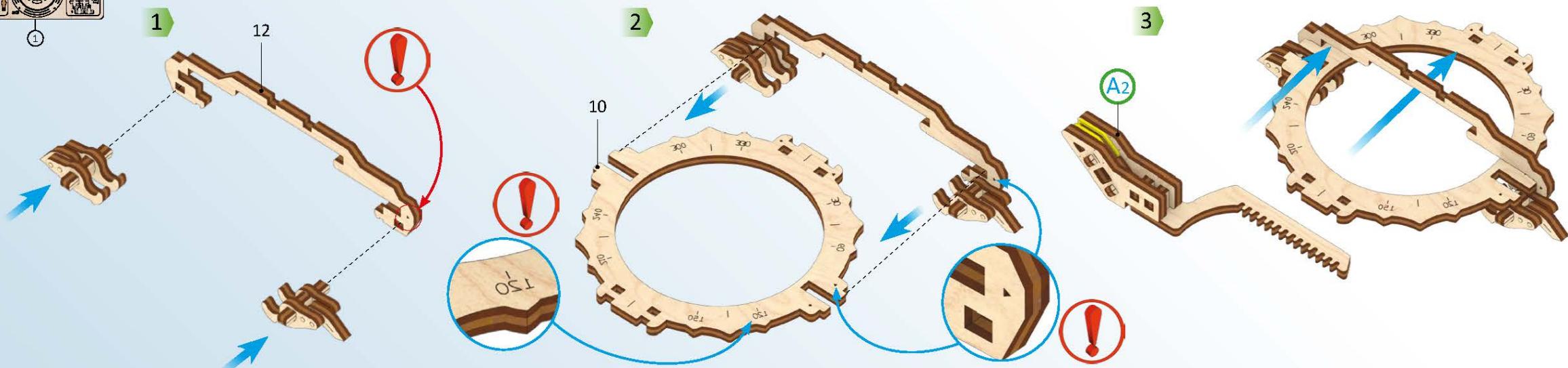
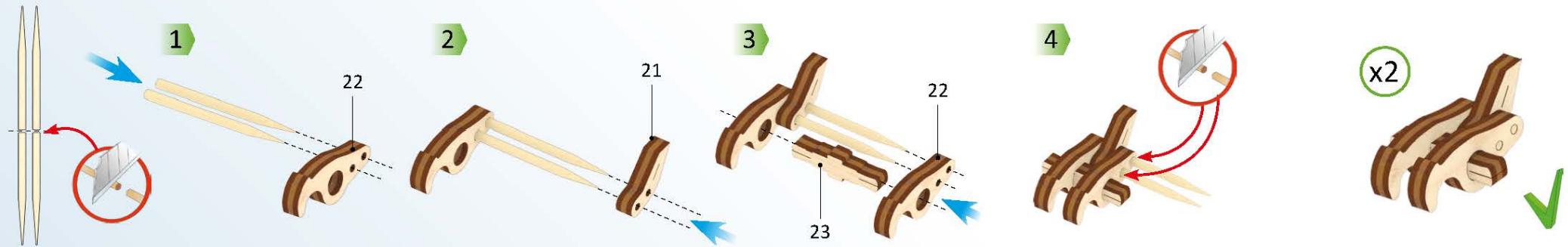
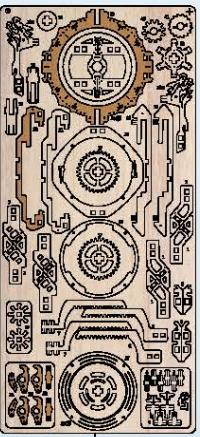
ENG Axle. **UKR** Вісь. **DEU** Achse. **FRA** Axe. **POL** Oś. **SPA** Eje. **ITA** Perno. **TUR** Dingil. **RUS** Ось. **KOR** 축. **CHI** 轴承

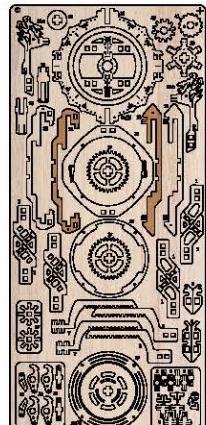


ENG Check size. **UKR** Перевірте розмір. **DEU** Prüfen Sie die Größe. **FRA** Vérifiez la dimension. **POL** Sprawdź rozmiar. **SPA** Compruebe el tamaño. **ITA** Controllare le dimensioni. **TUR** Boyutu kontrol ediniz. **RUS** Проверьте размер. **KOR** 크기를 확인해 주세요. **CHI** 测量尺寸

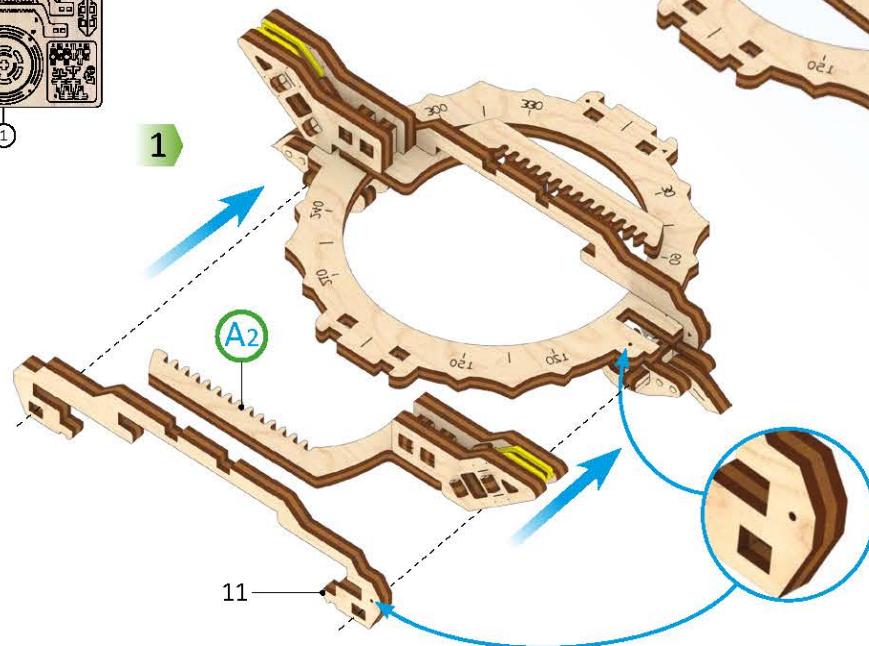




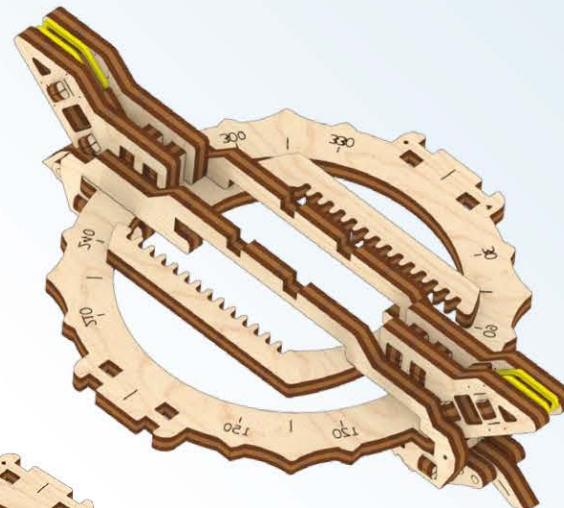




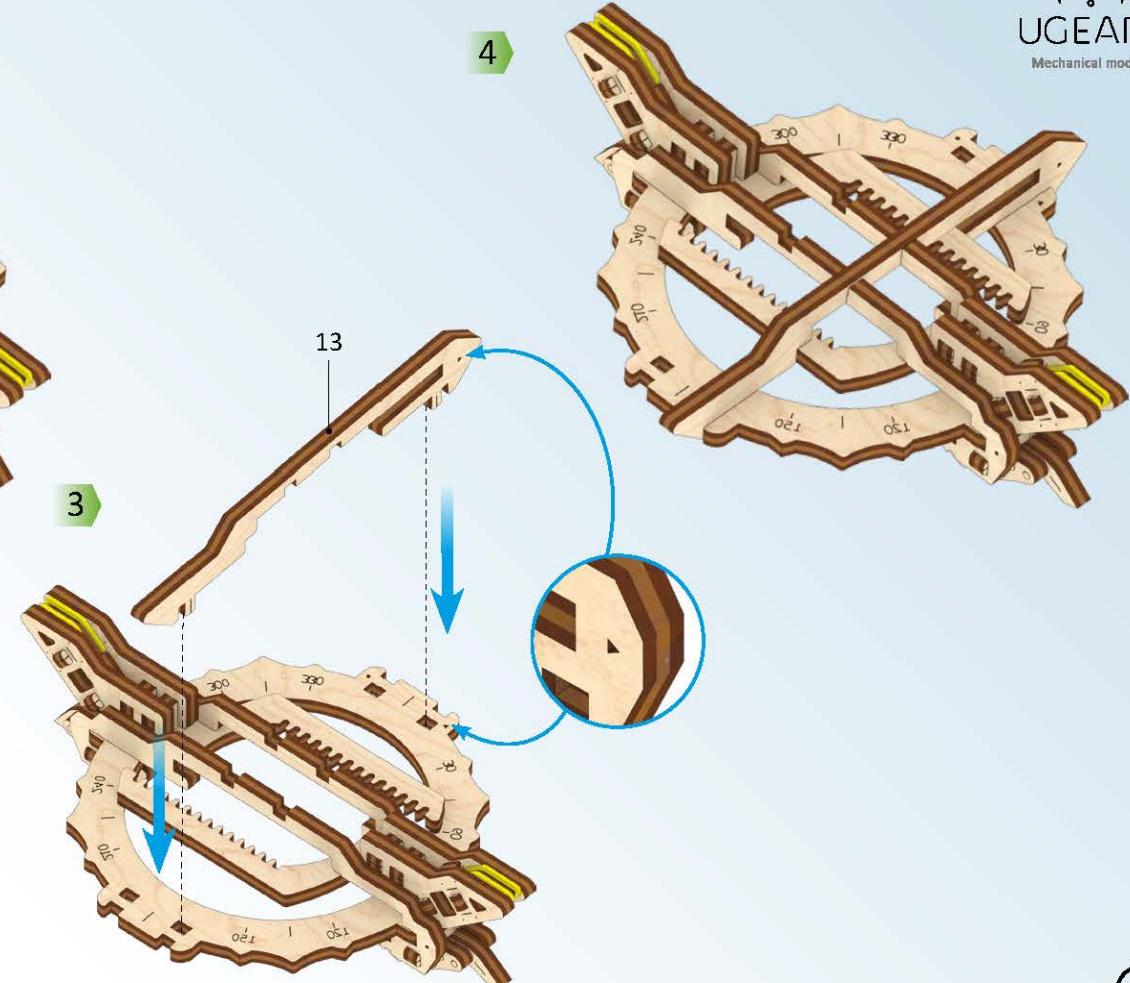
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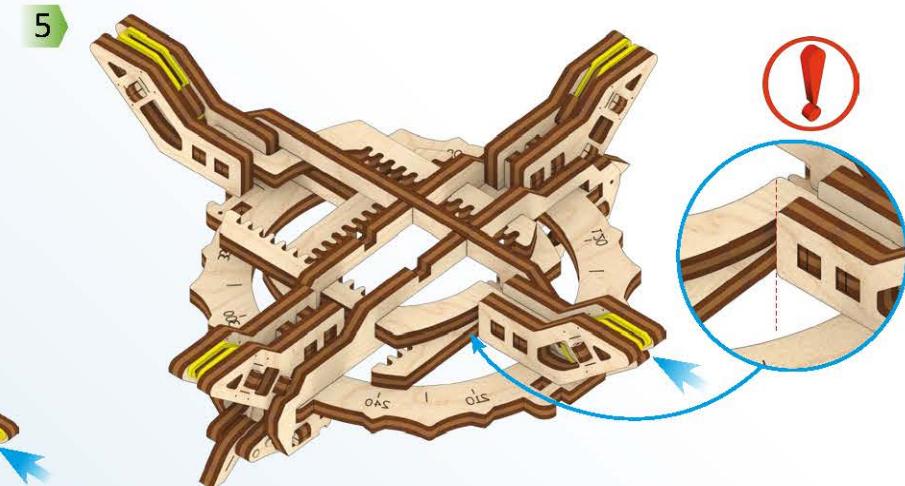
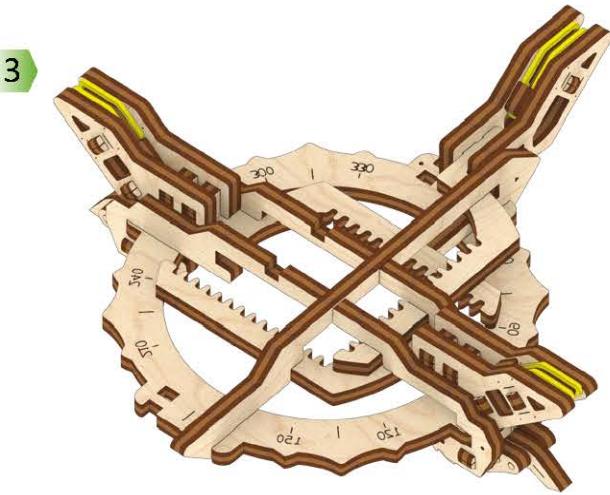
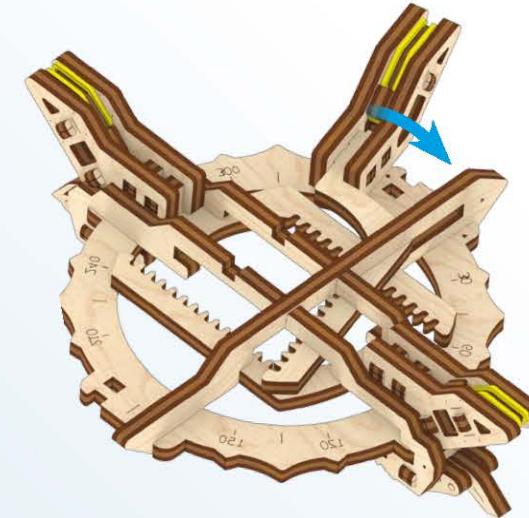
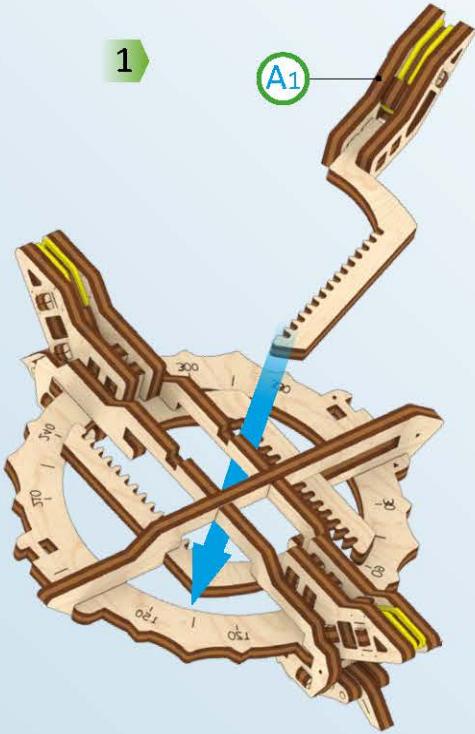
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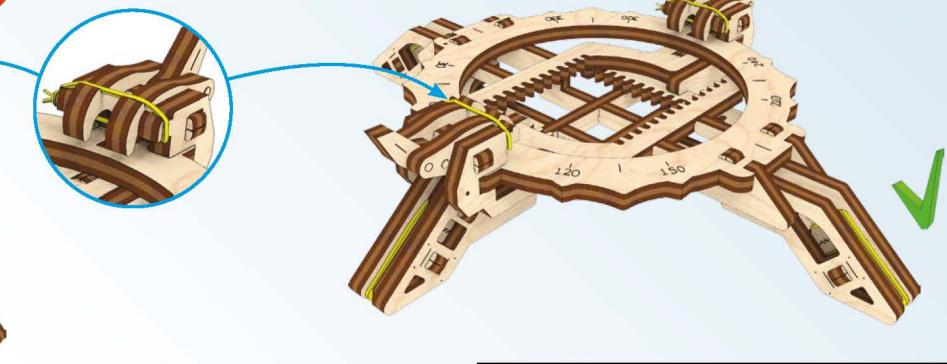
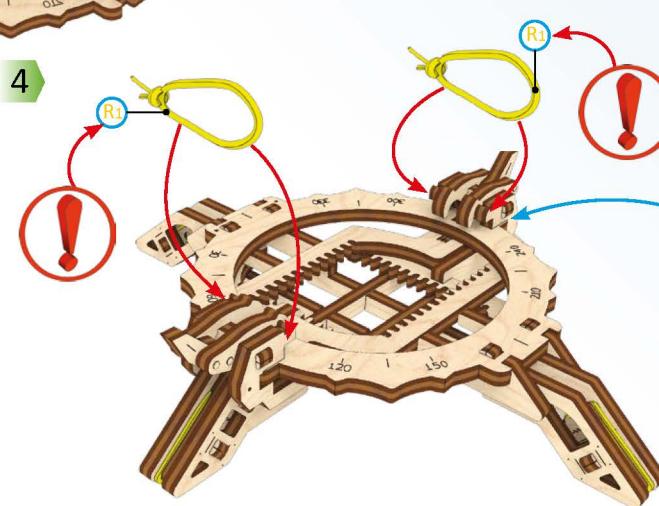
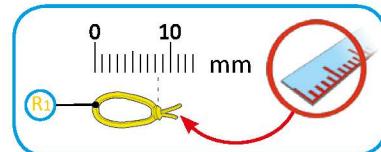
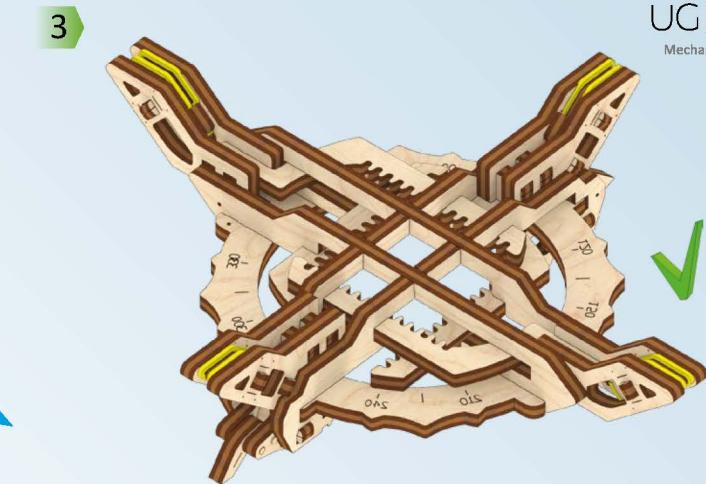
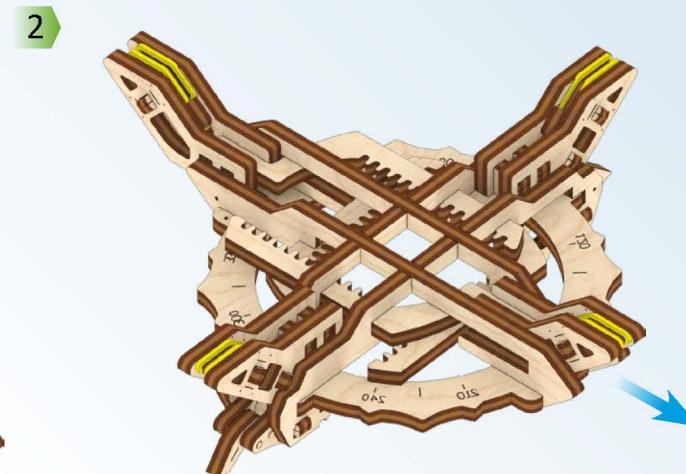
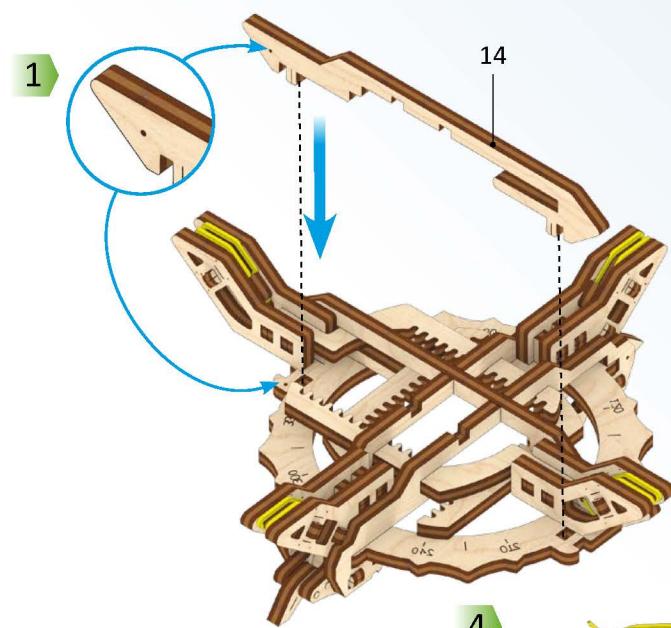
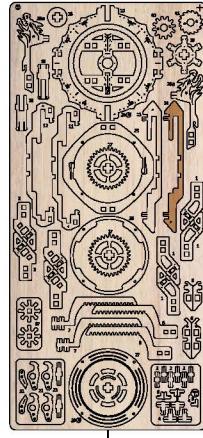


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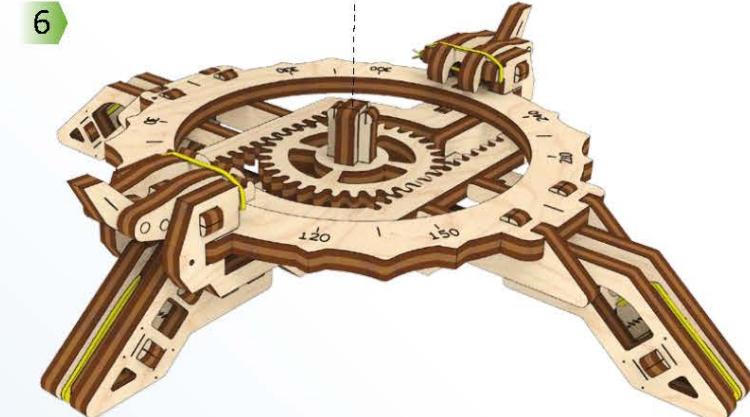
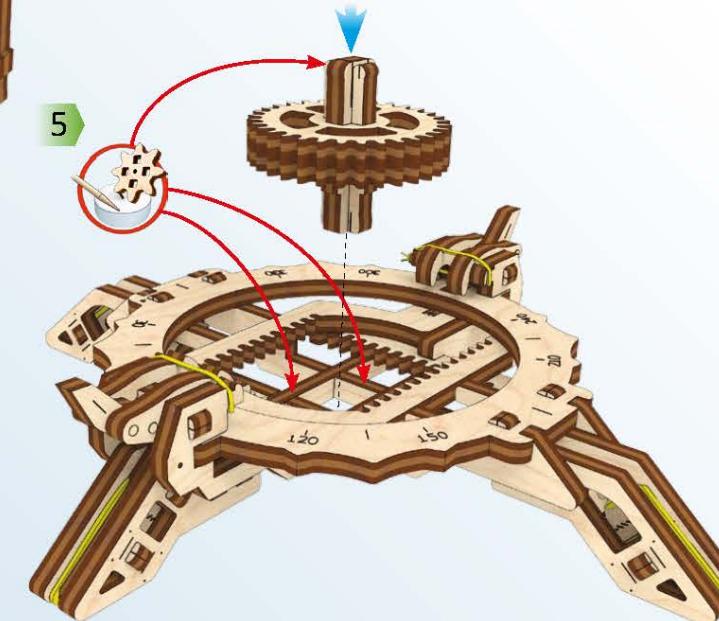
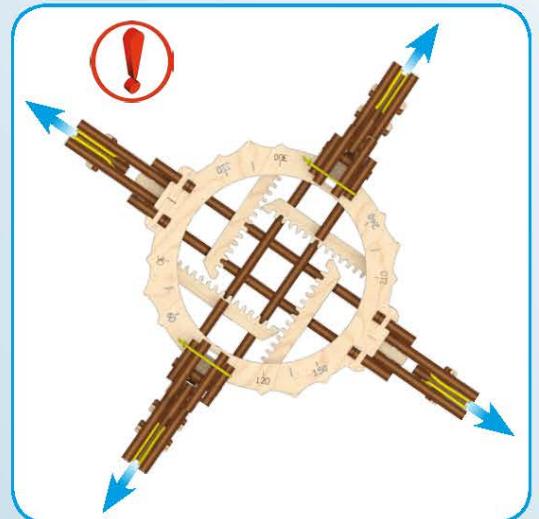
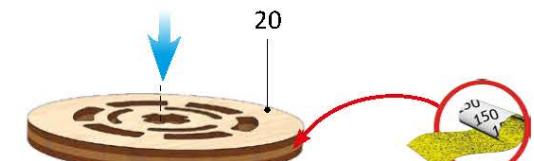
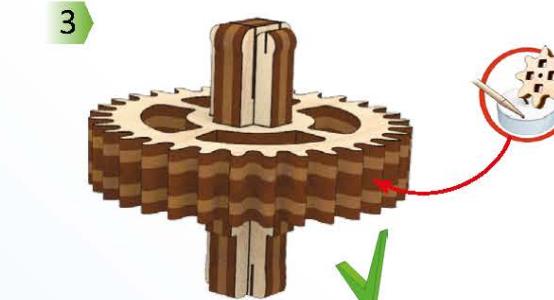
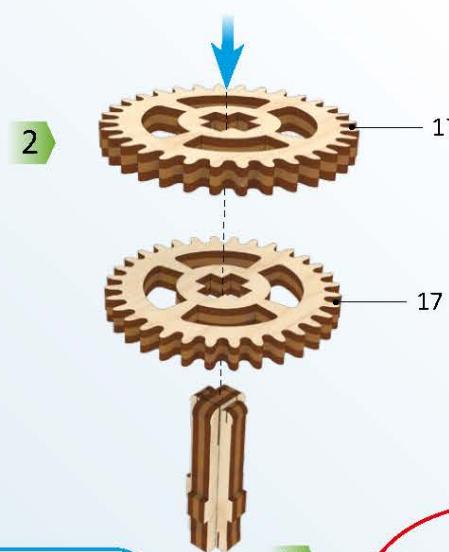
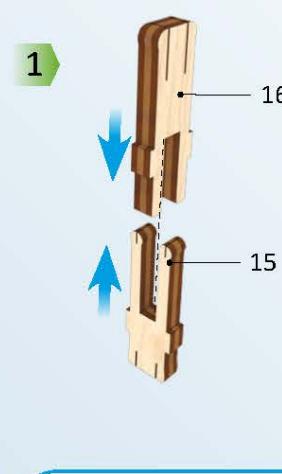
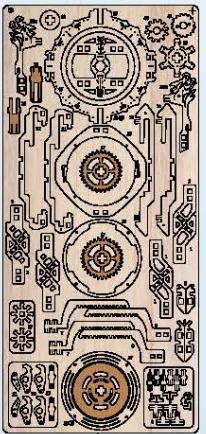


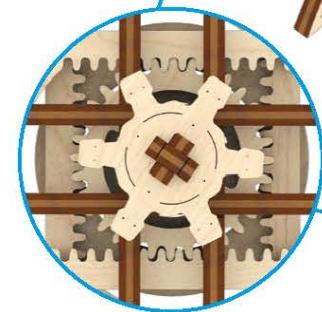
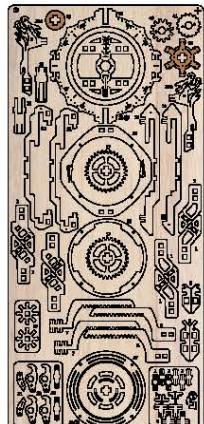
Mechanical models



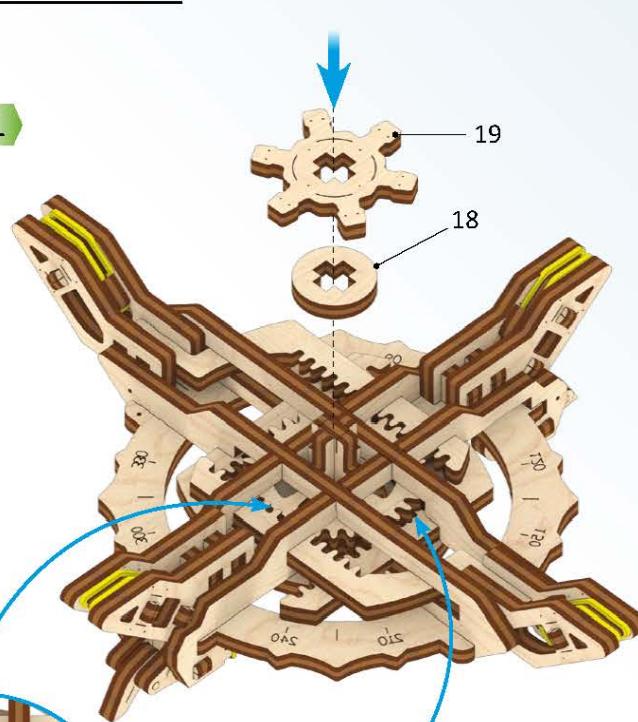


Mechanical models





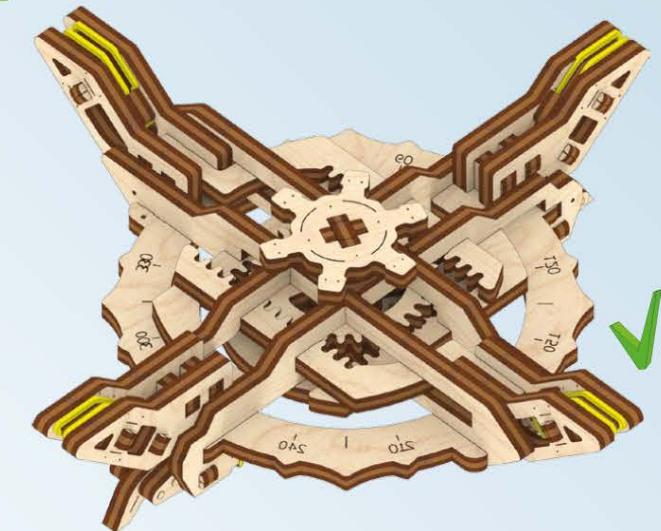
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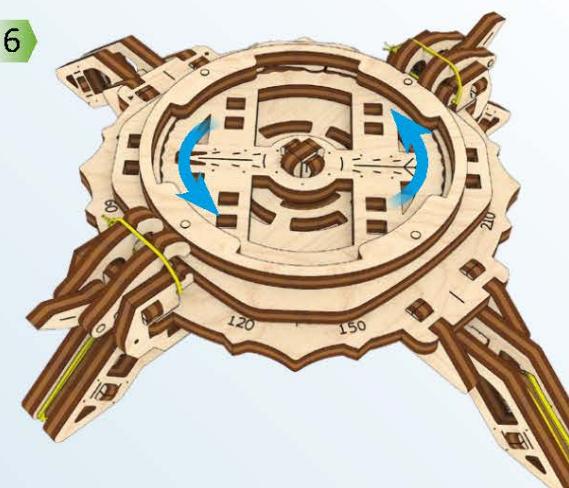
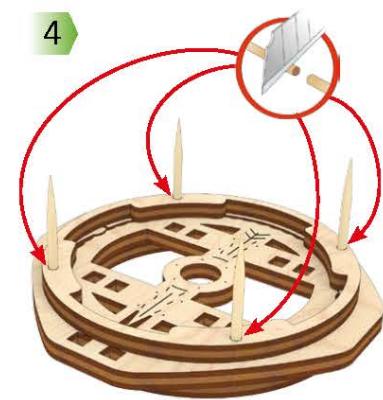
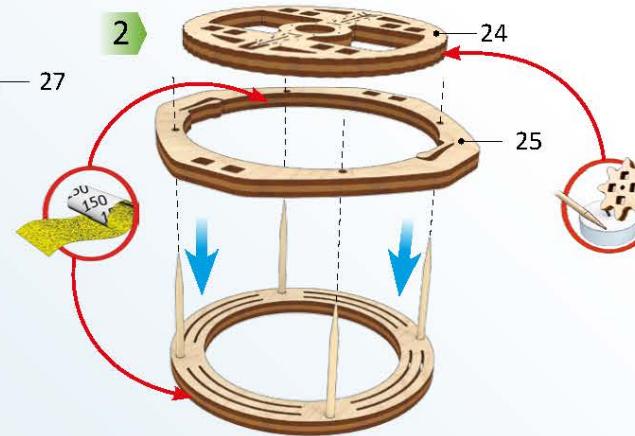
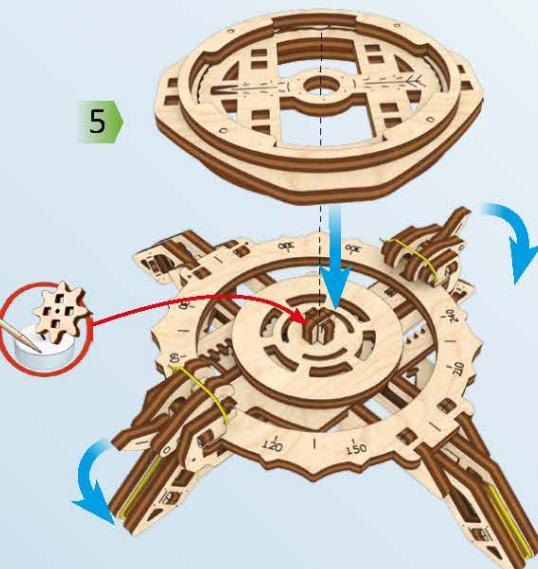
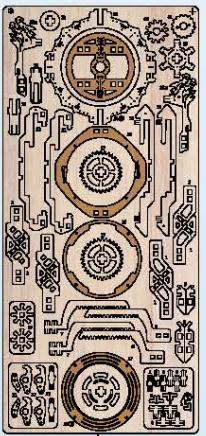
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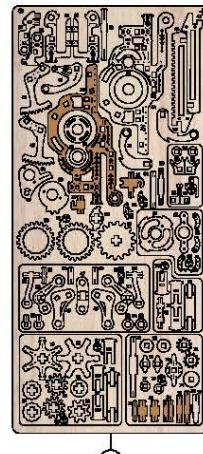
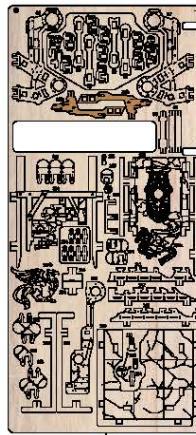
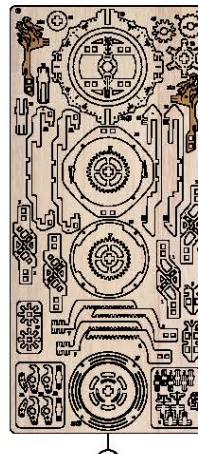


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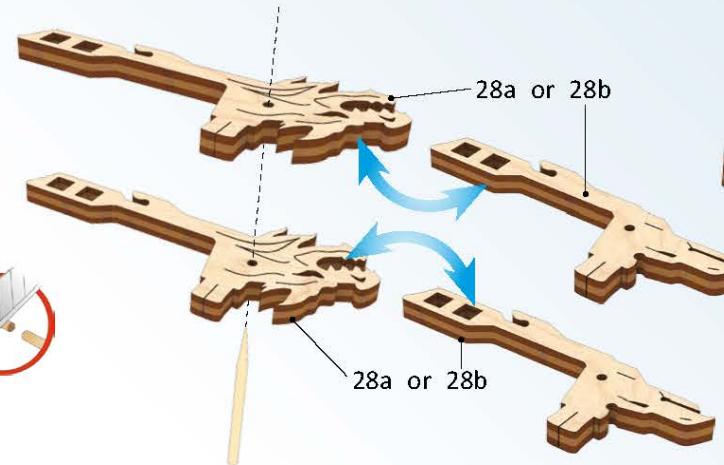


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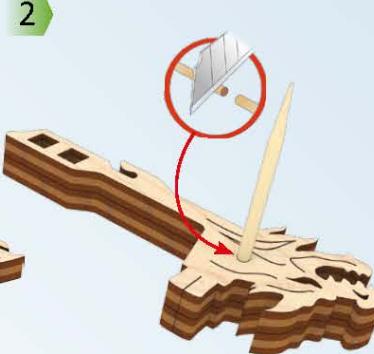




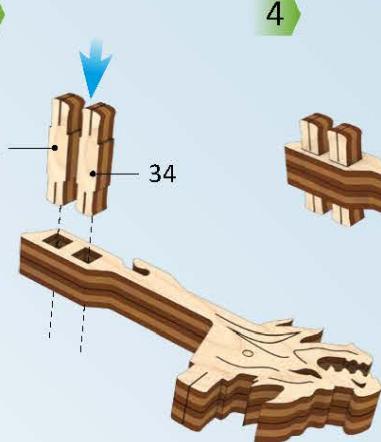
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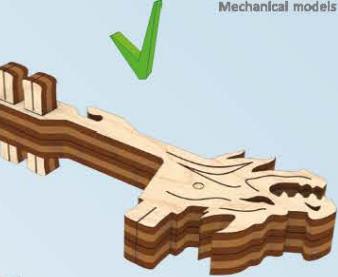
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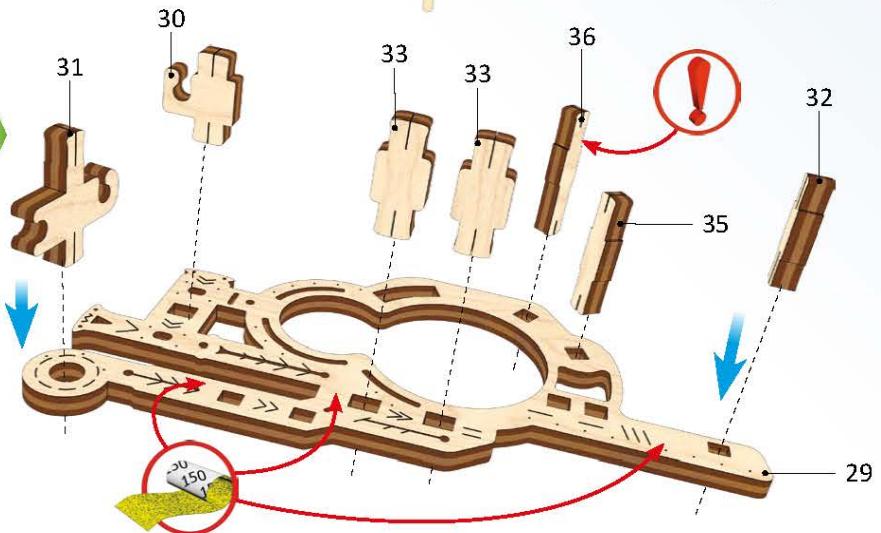
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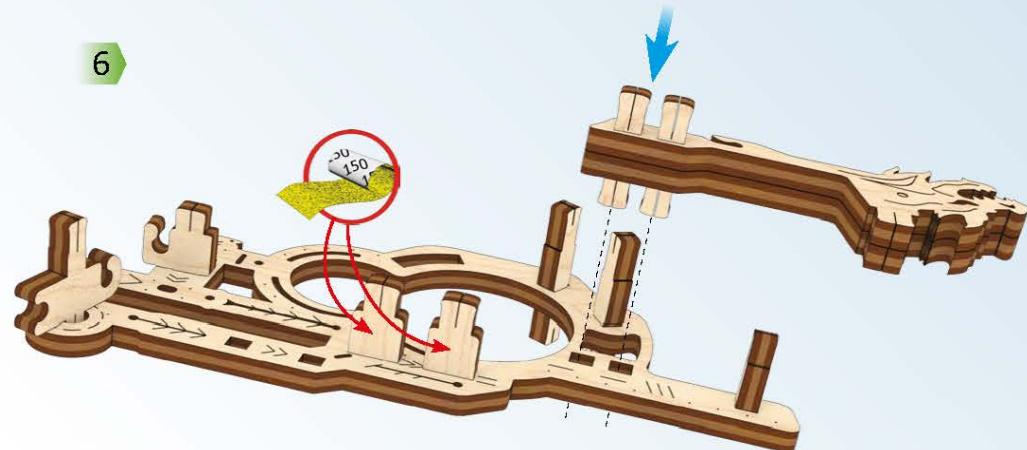
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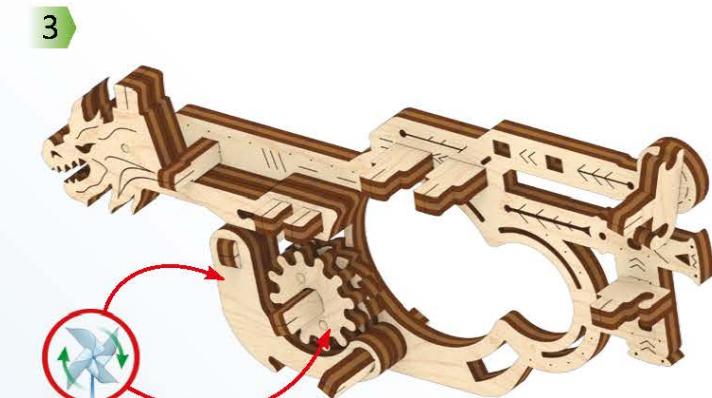
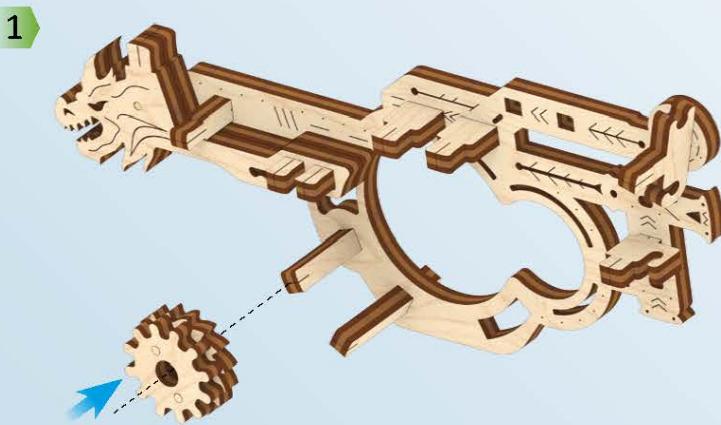
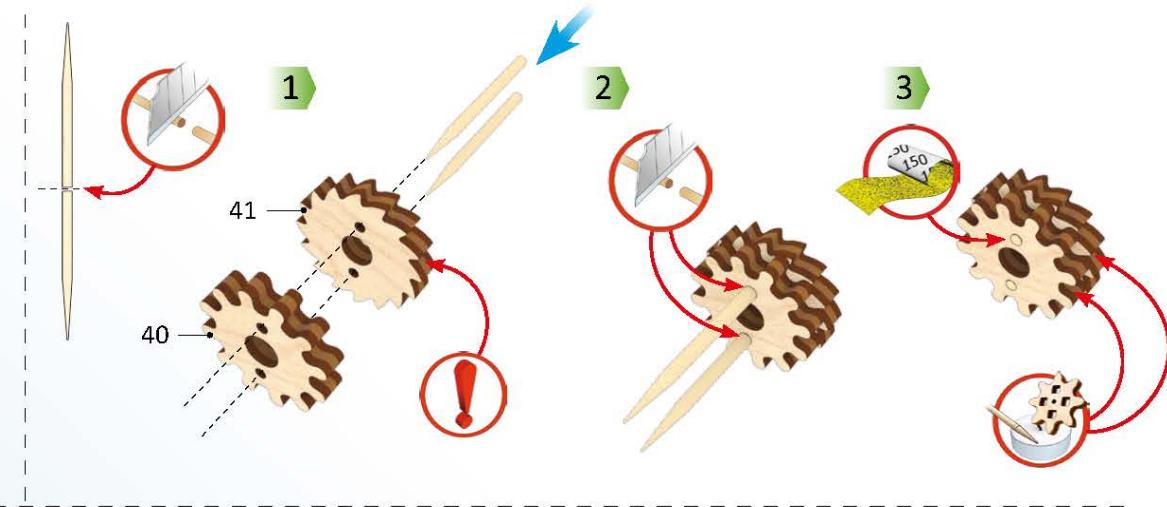
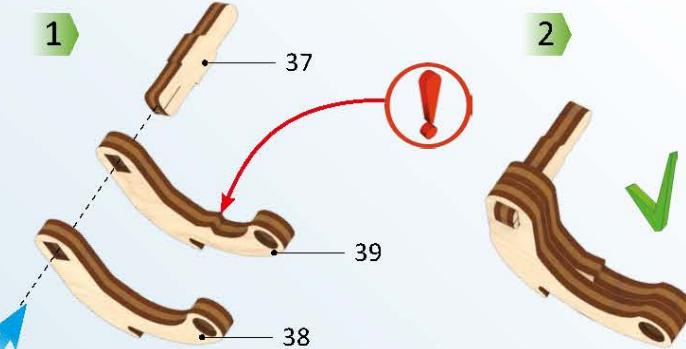
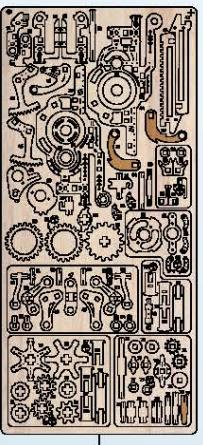
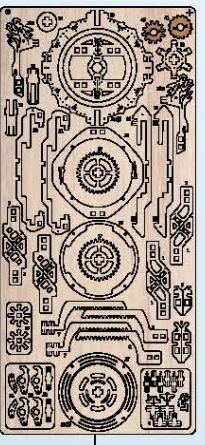


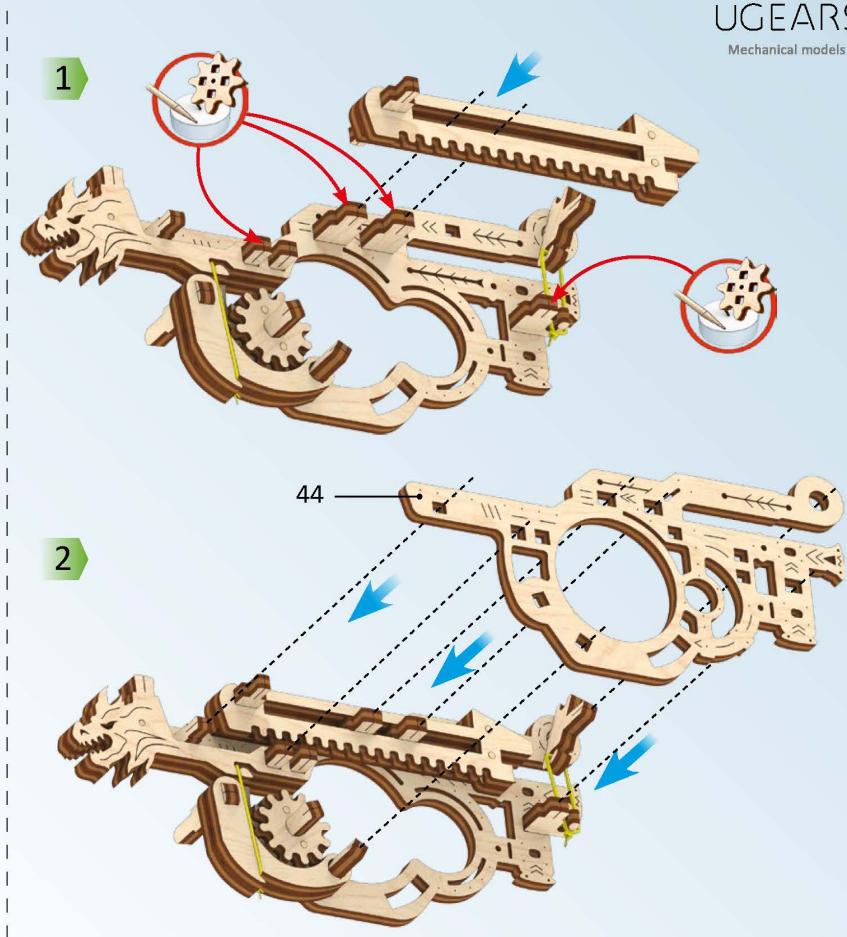
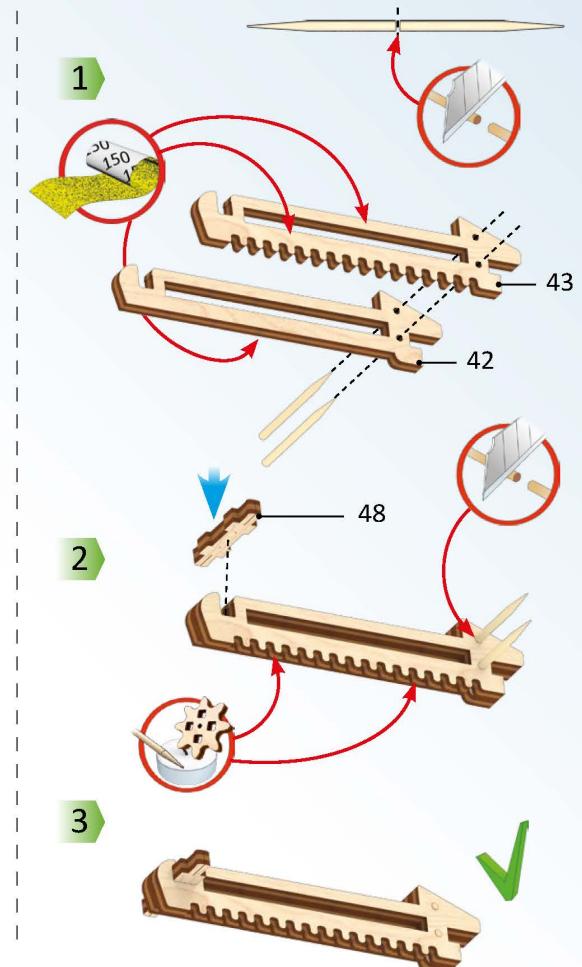
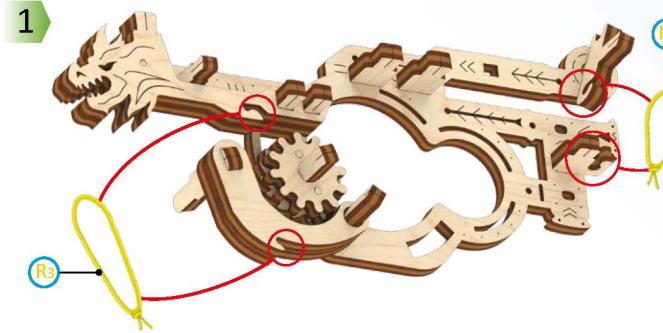
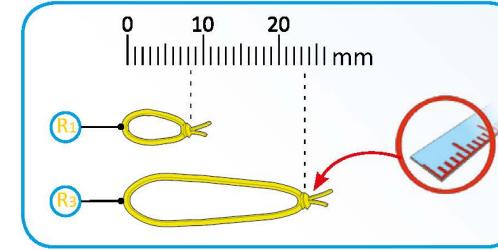
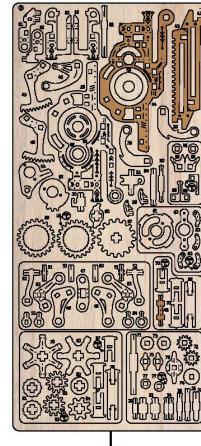
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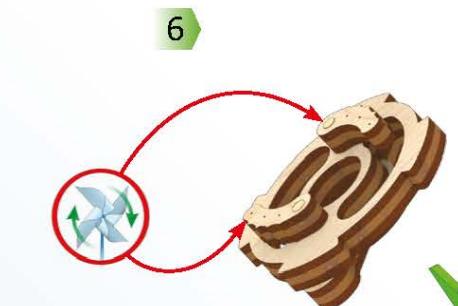
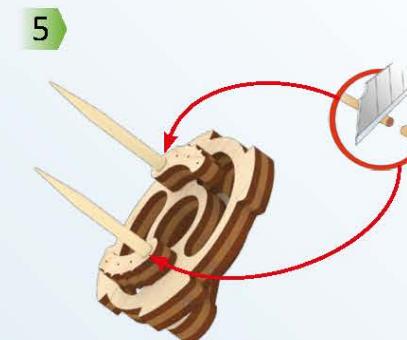
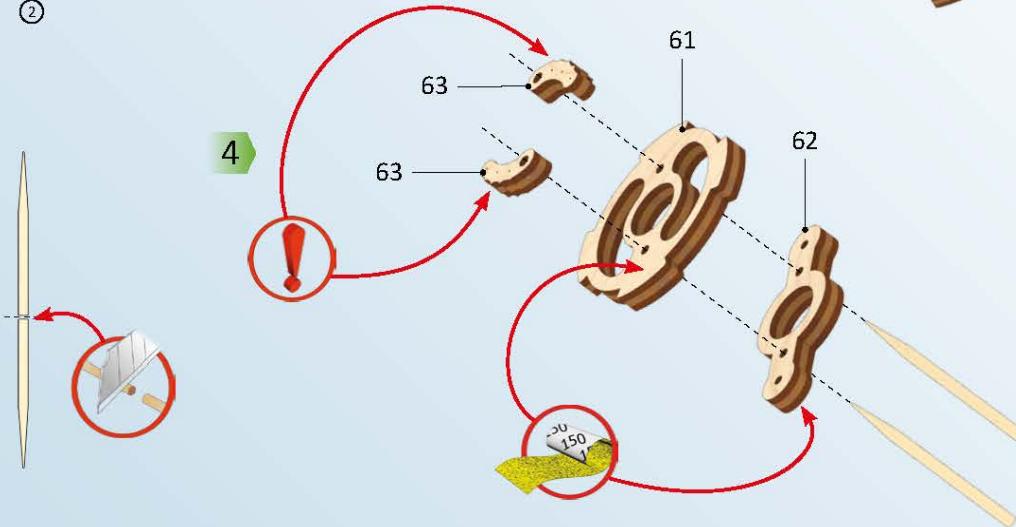
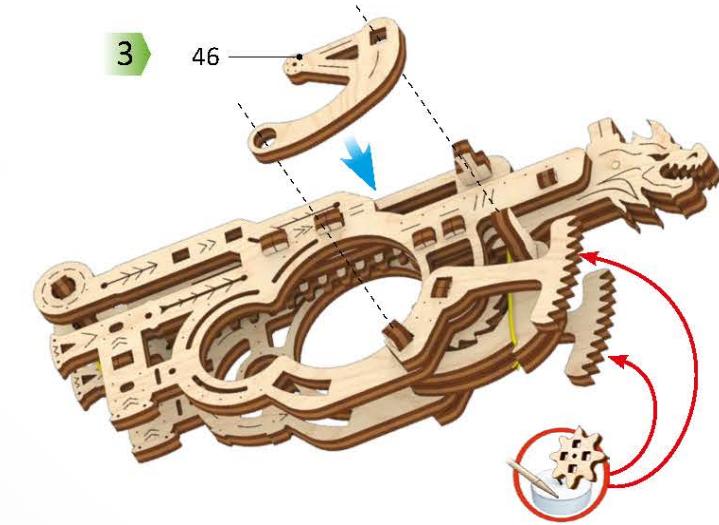
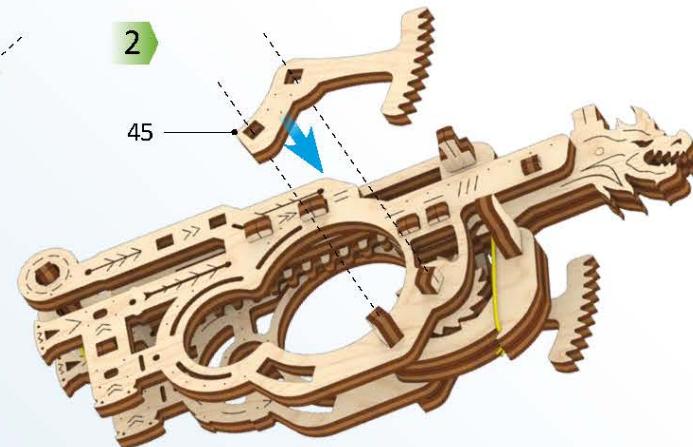
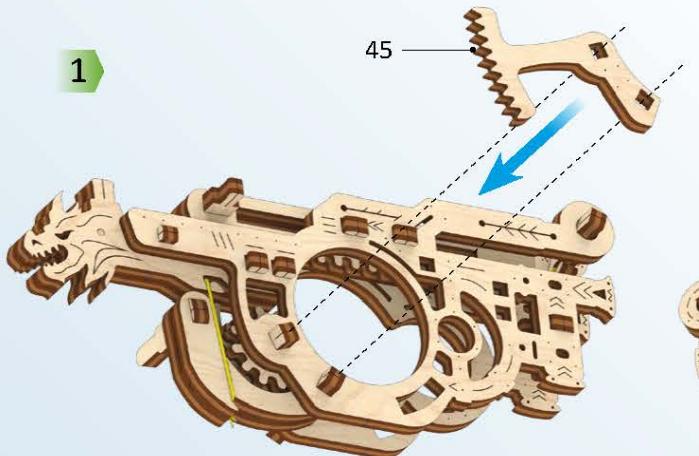
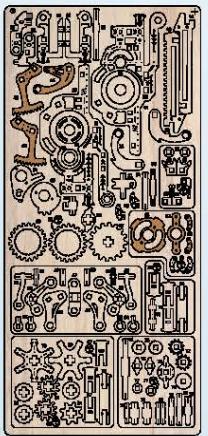


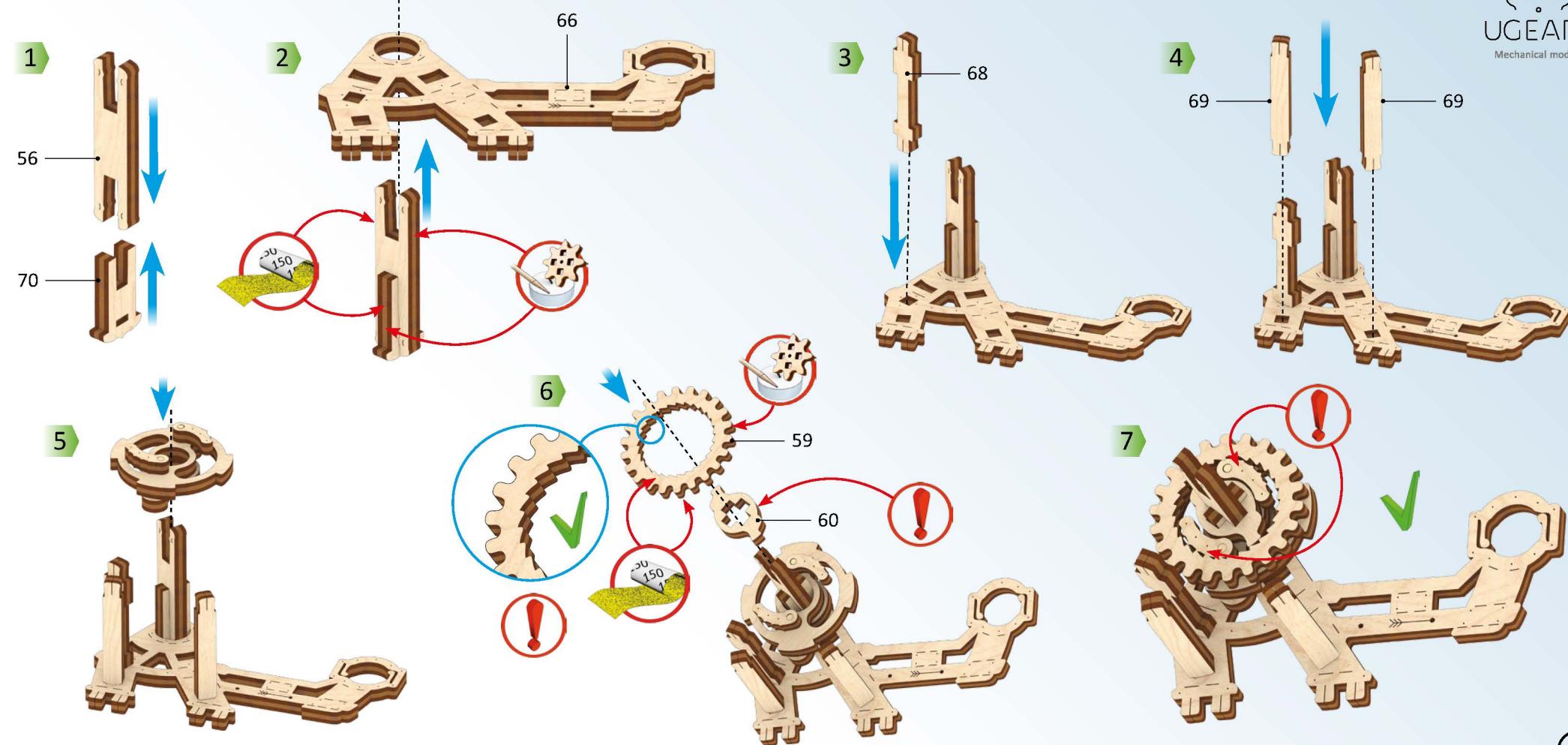
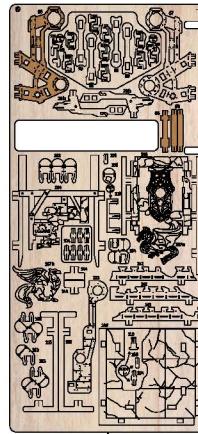
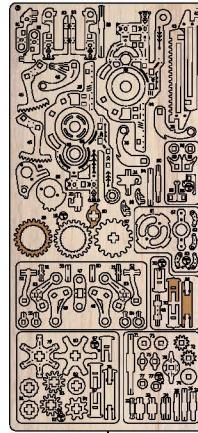
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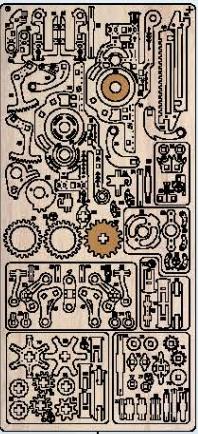




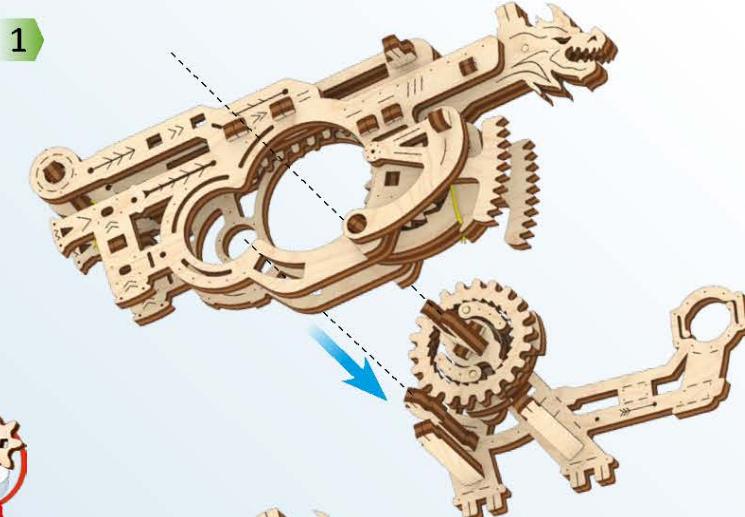




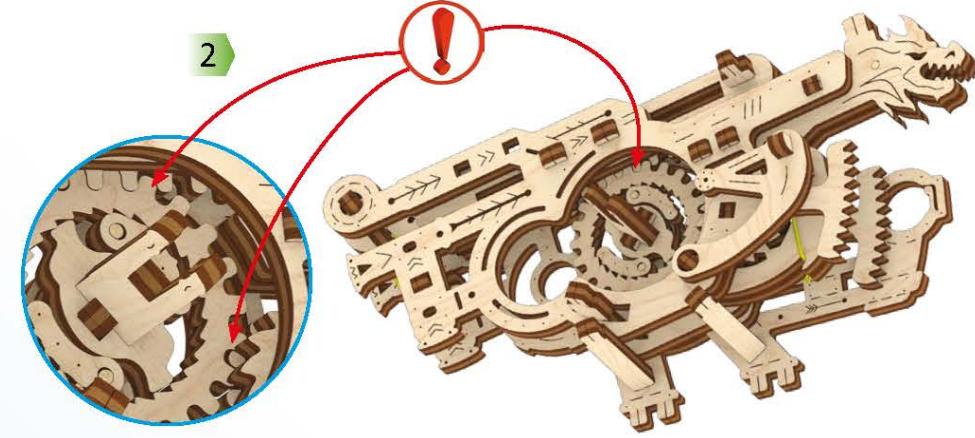




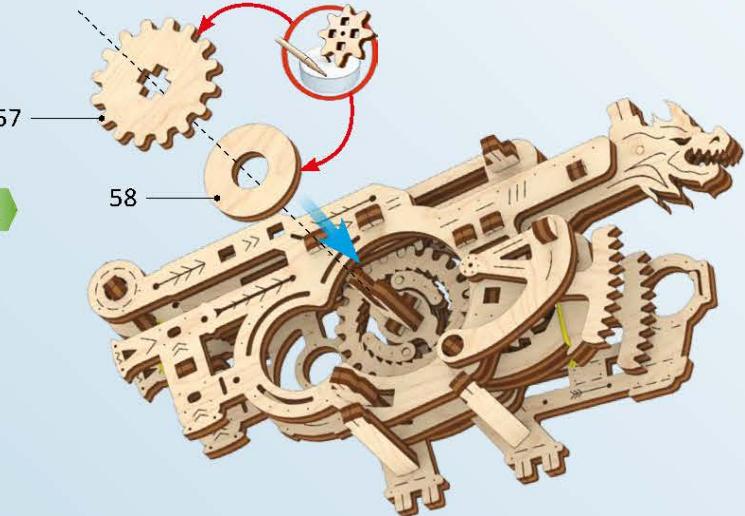
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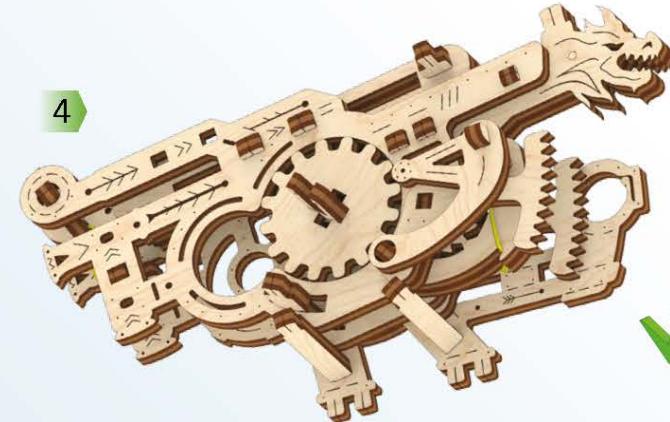
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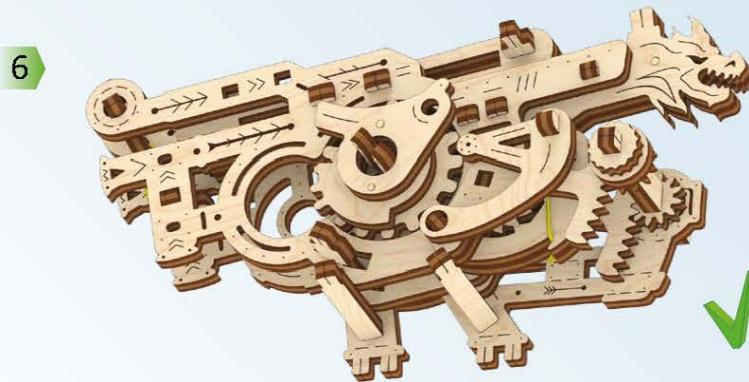
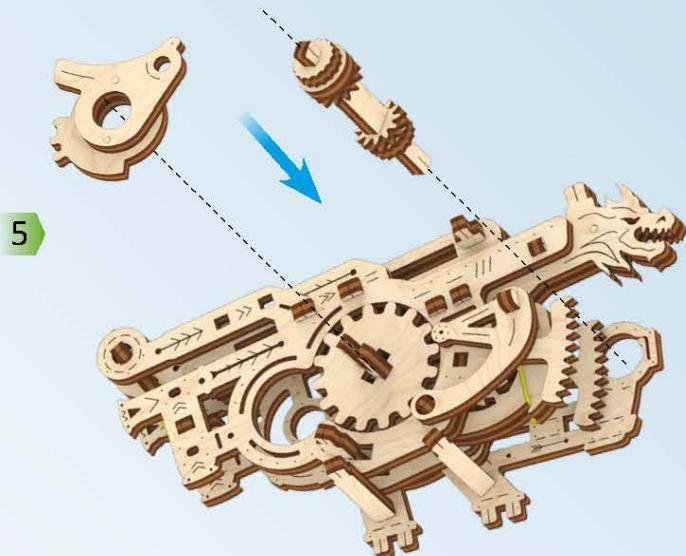
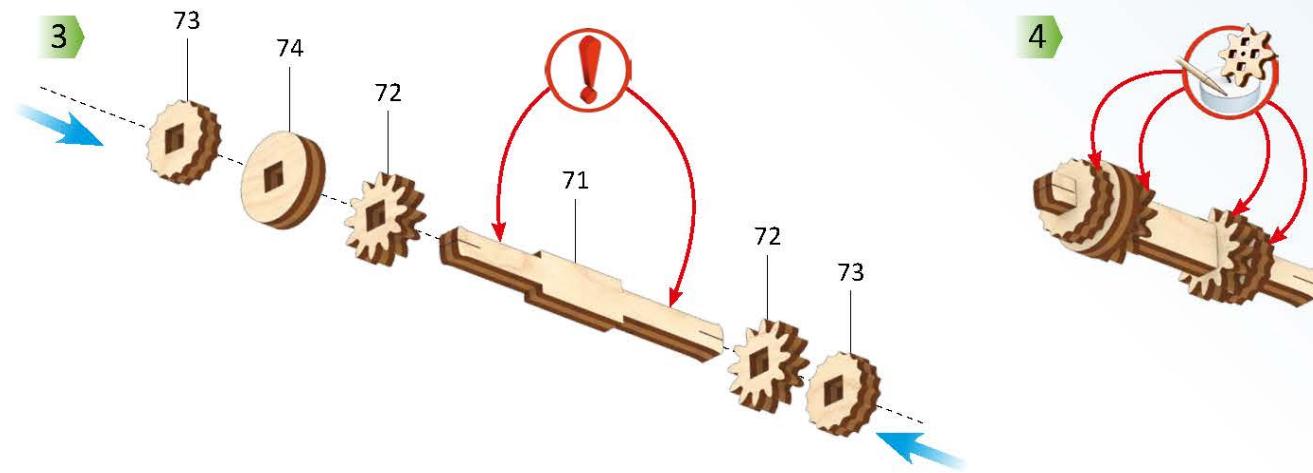
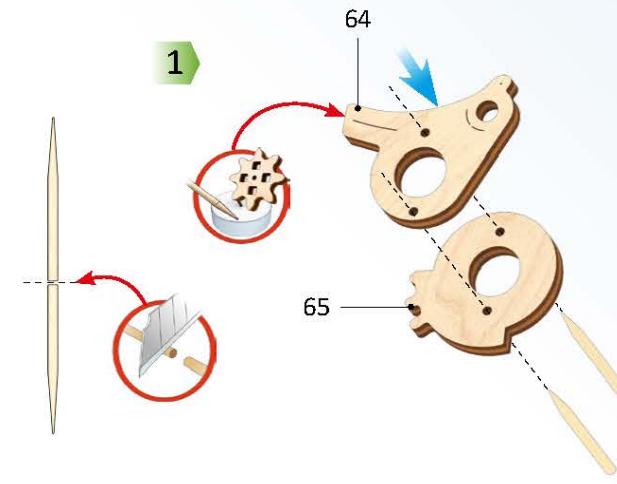
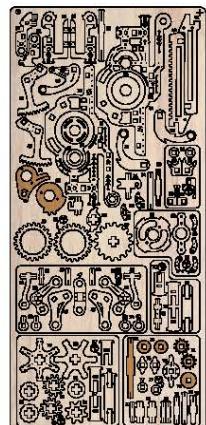
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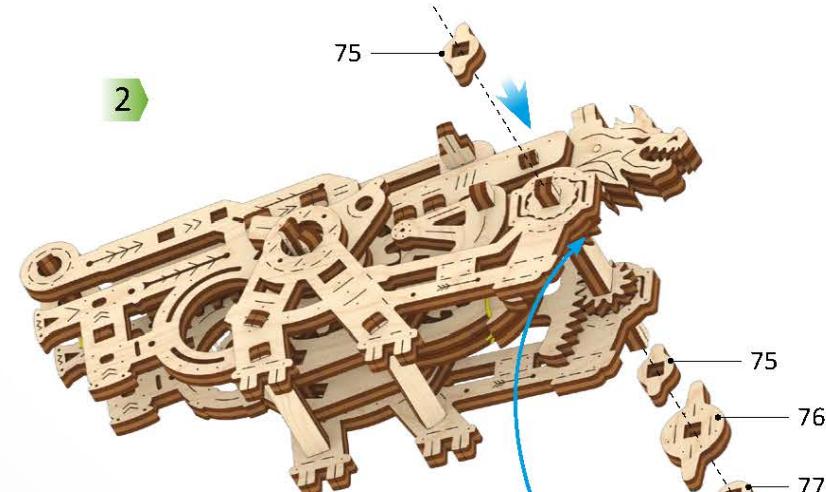
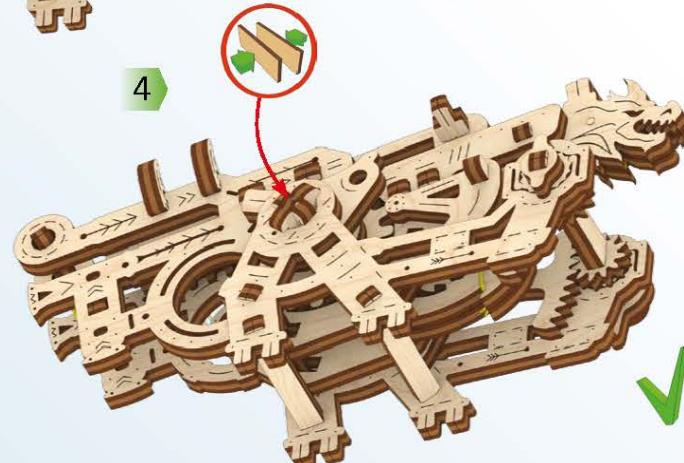
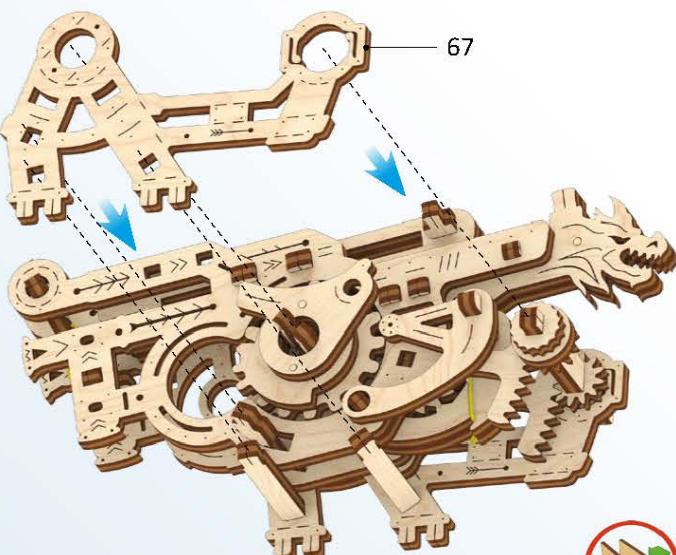
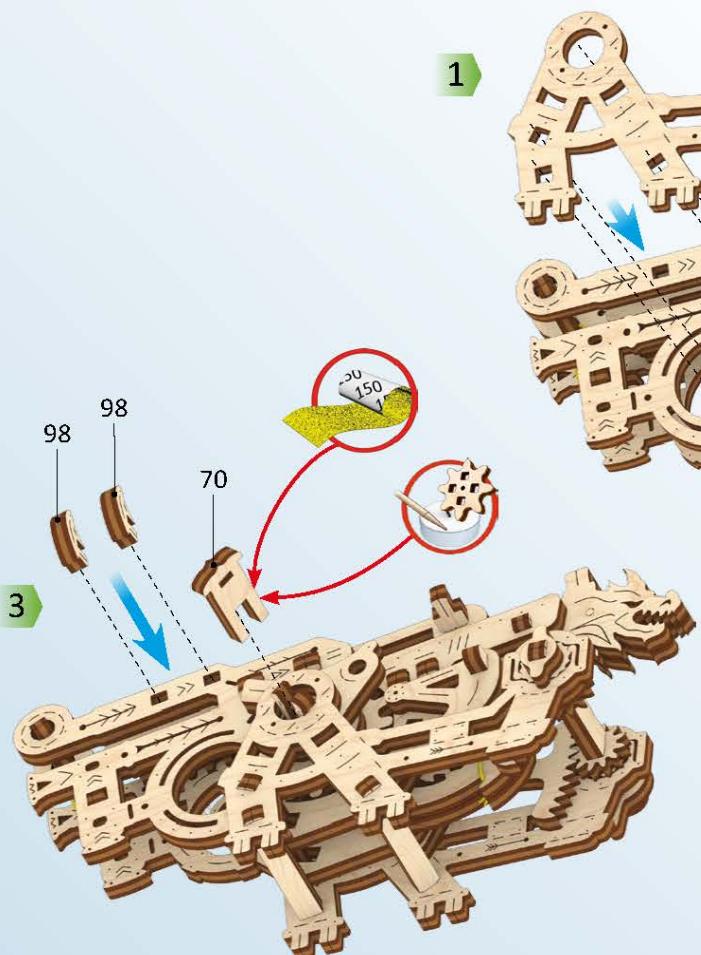
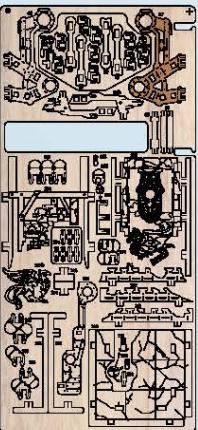
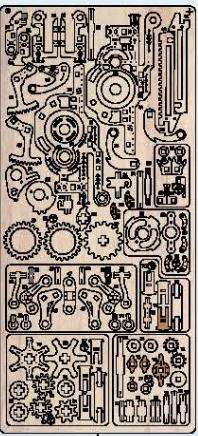


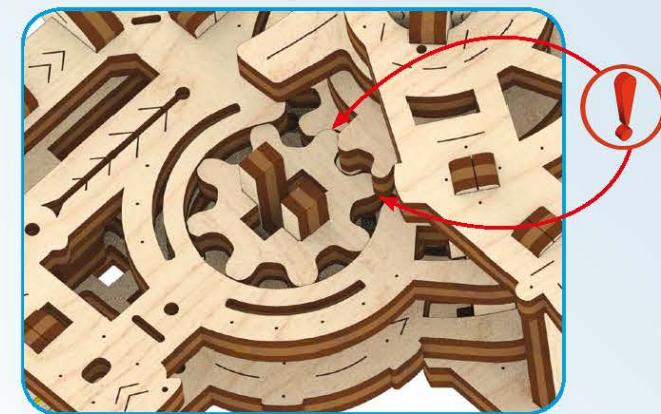
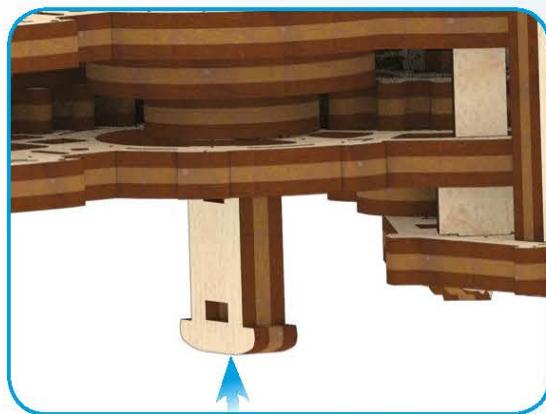
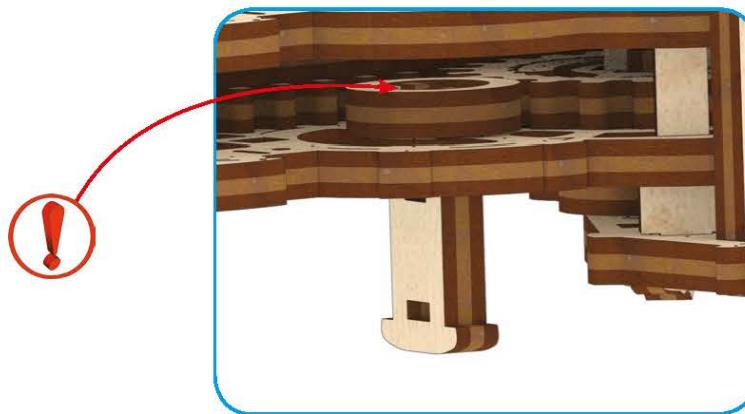
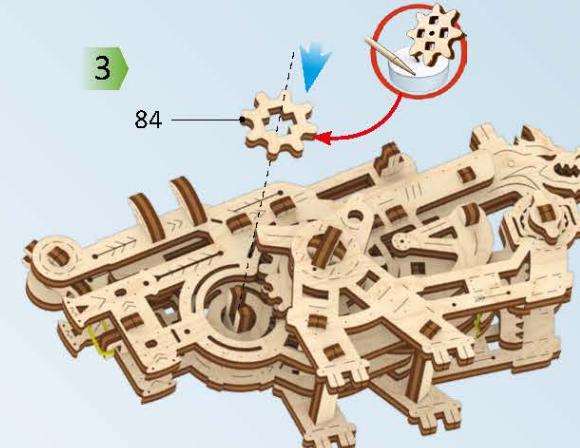
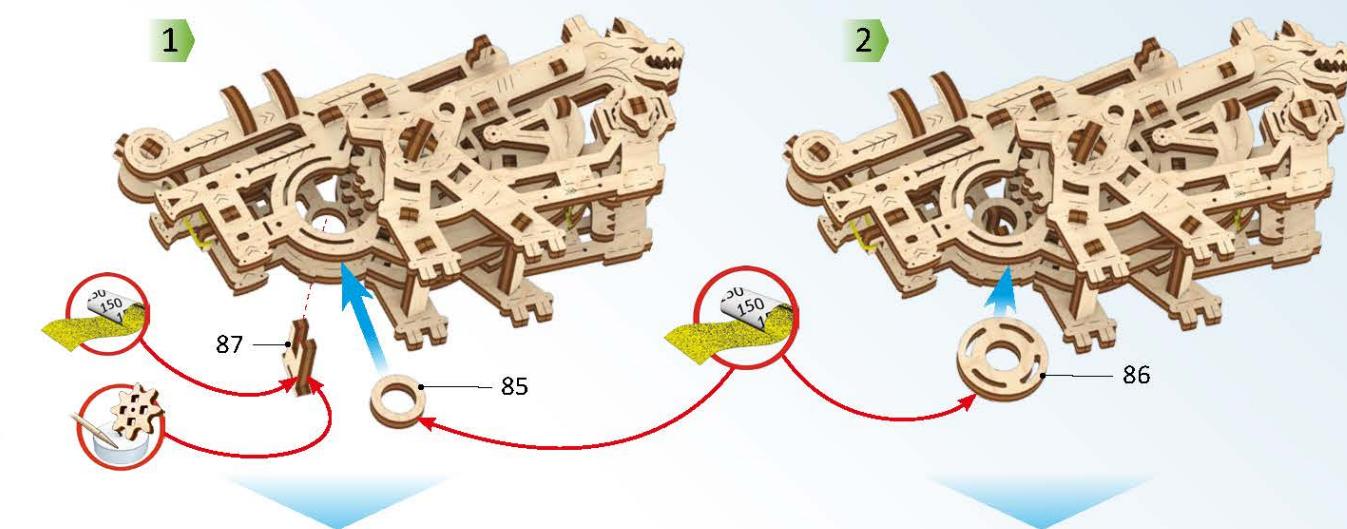
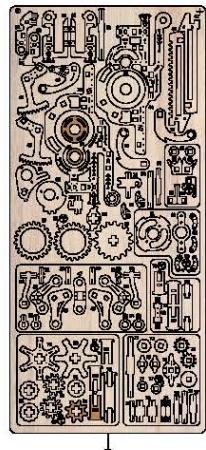
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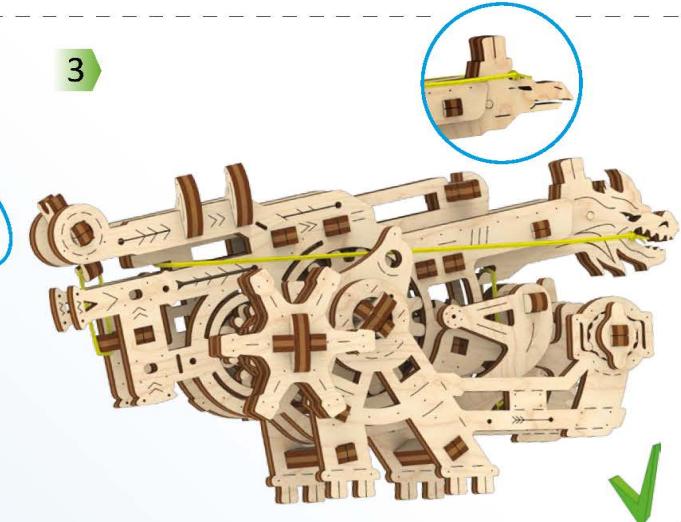
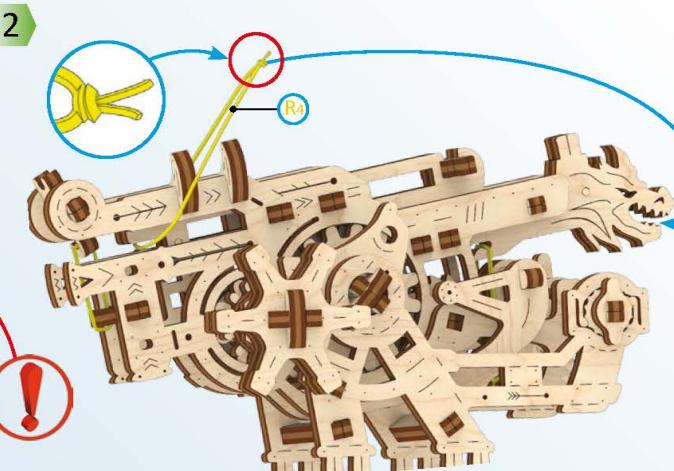
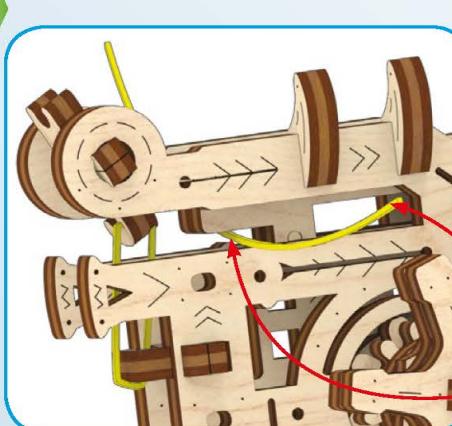
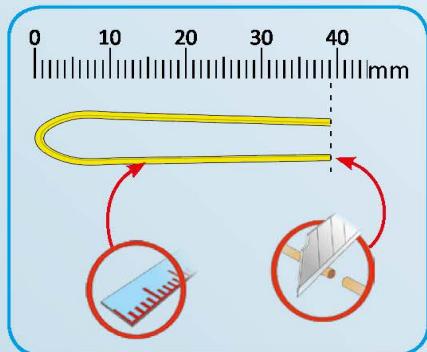
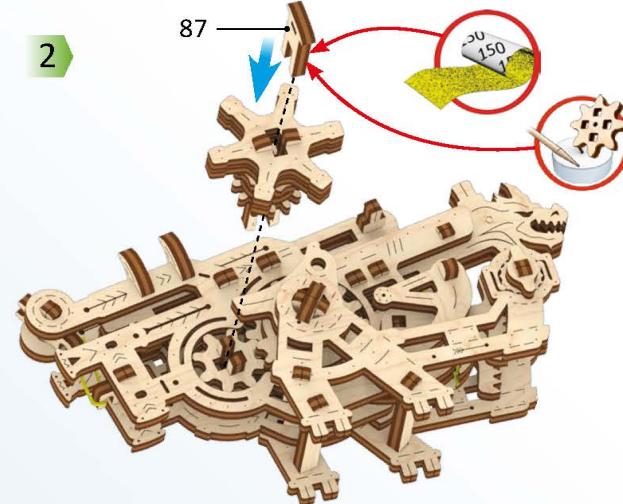
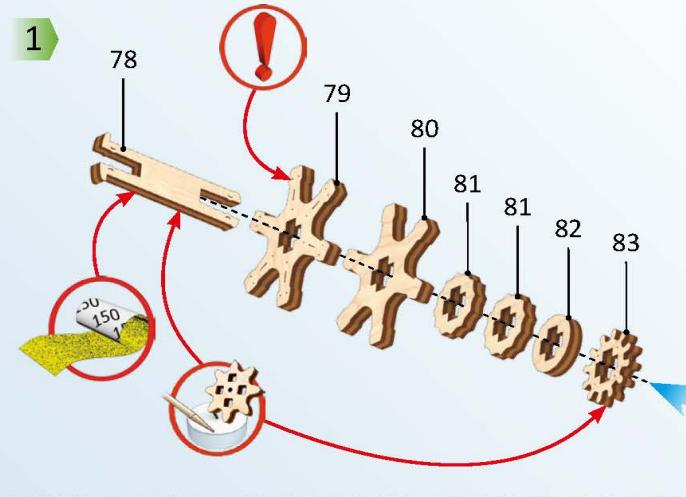
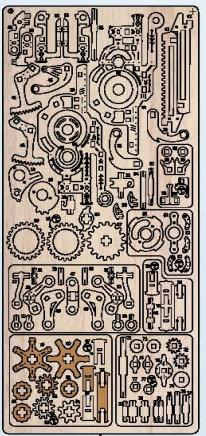
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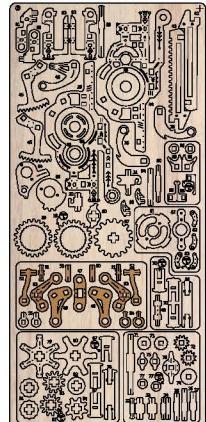




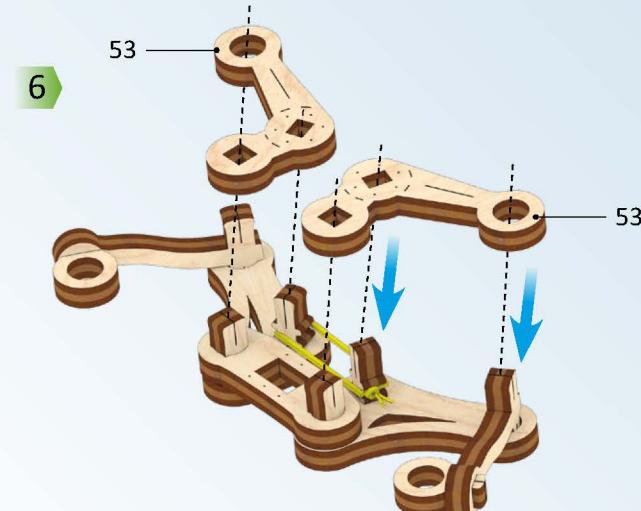
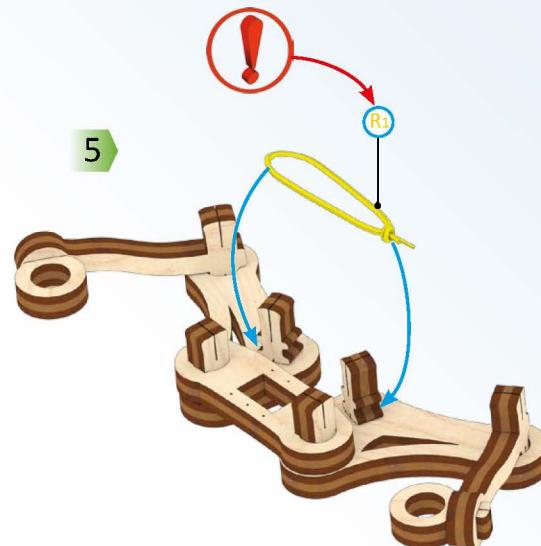
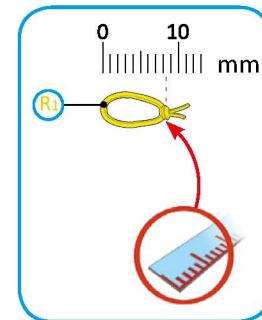
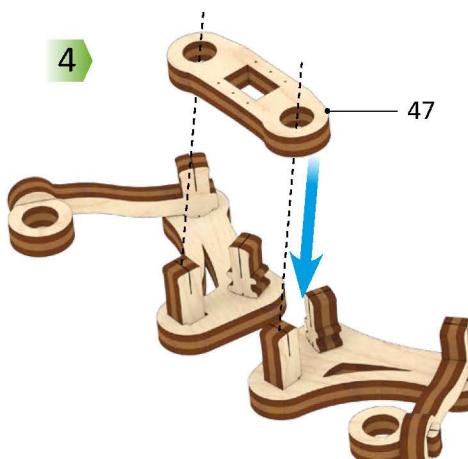
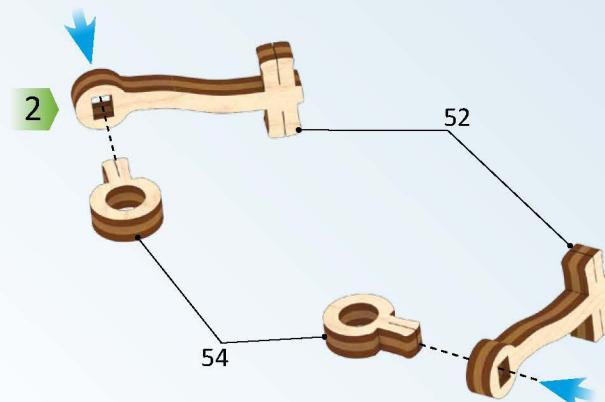
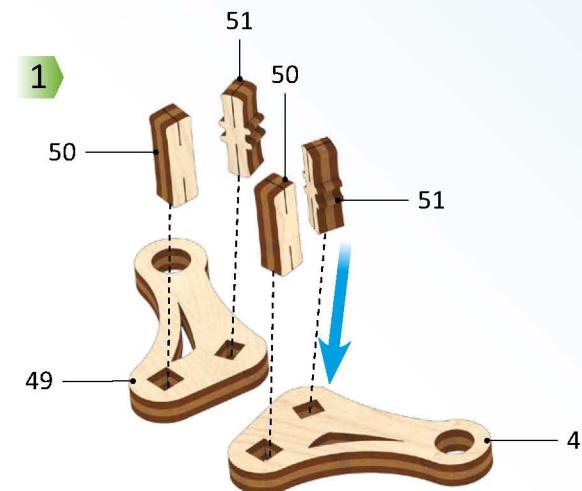


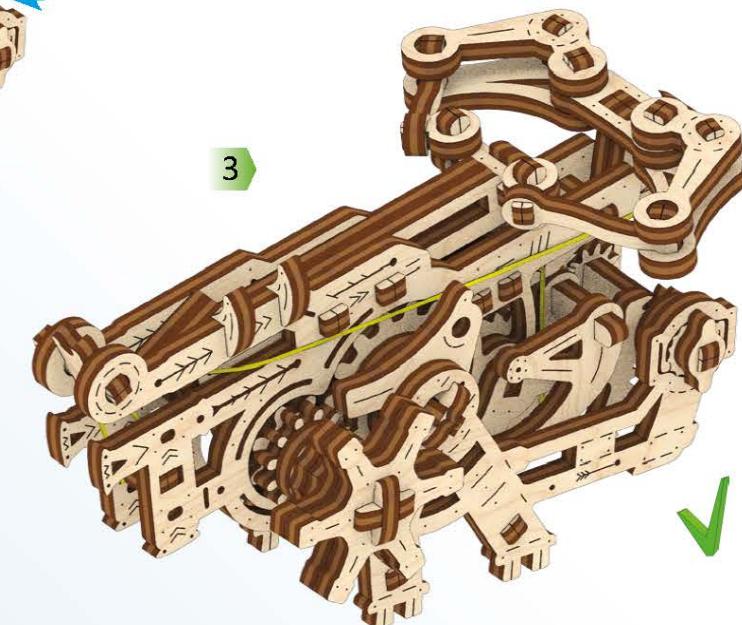
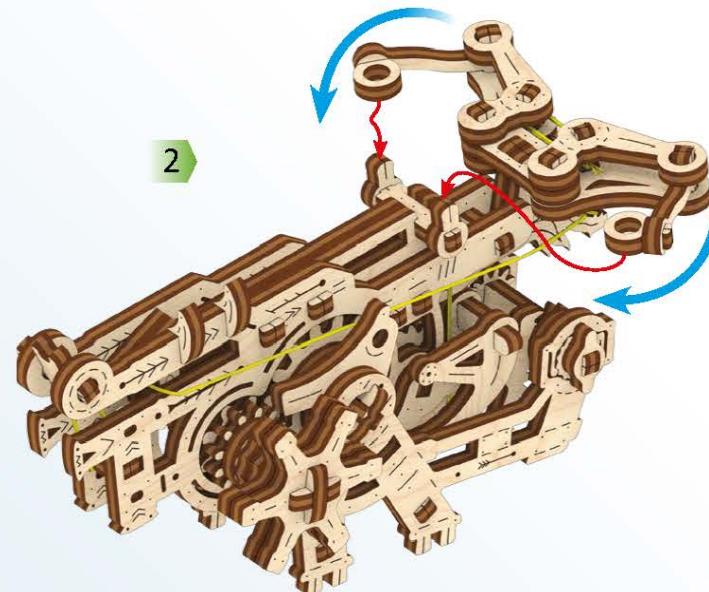
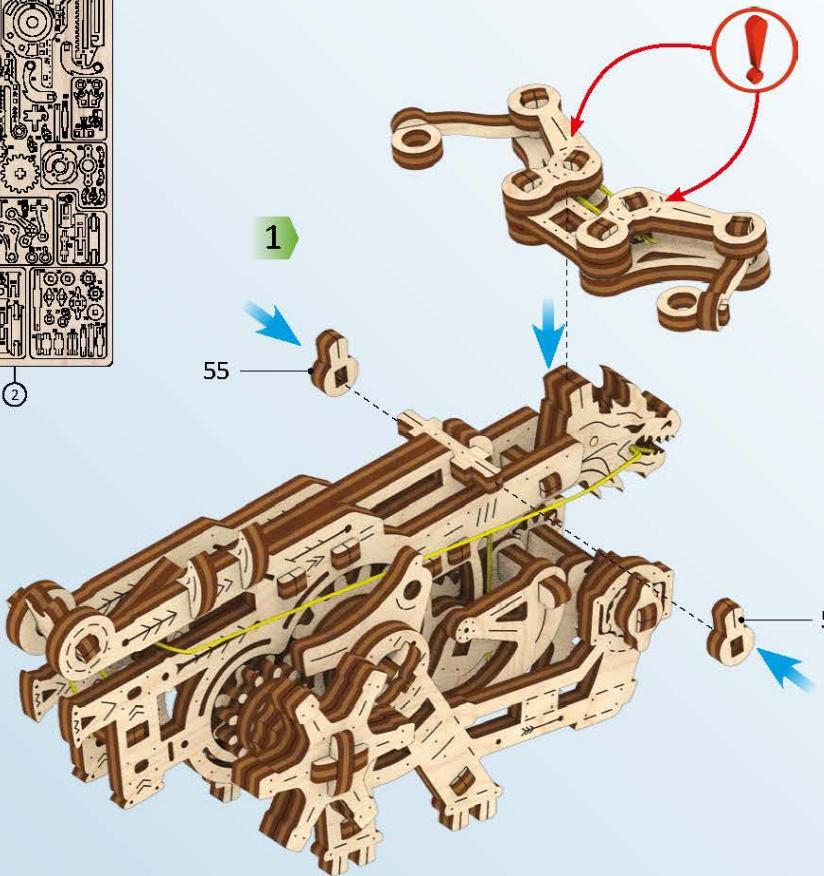
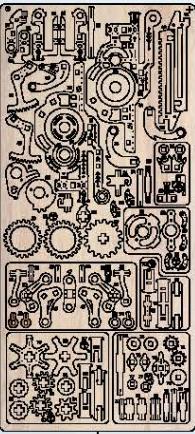
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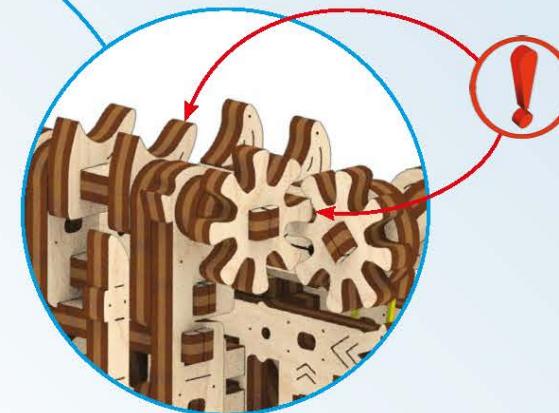
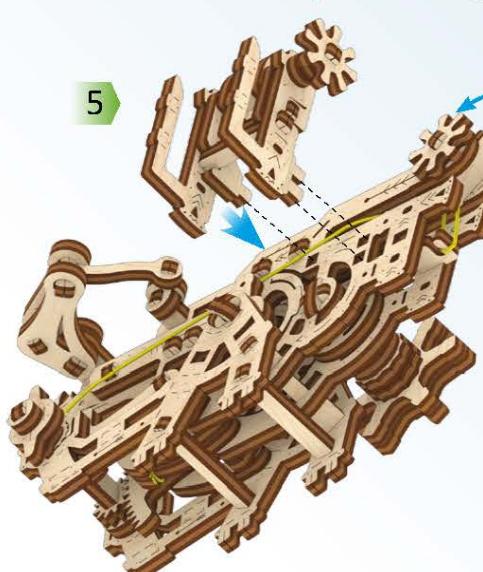
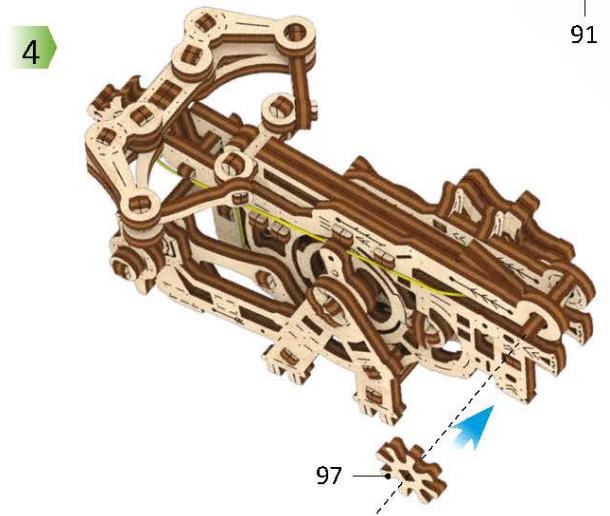
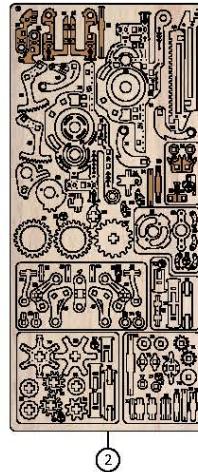
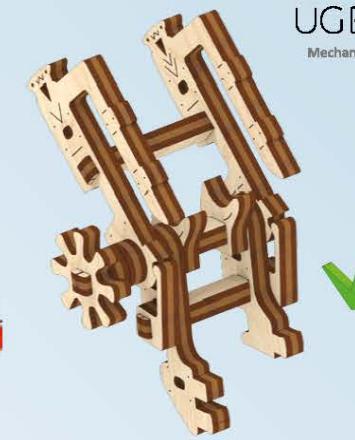
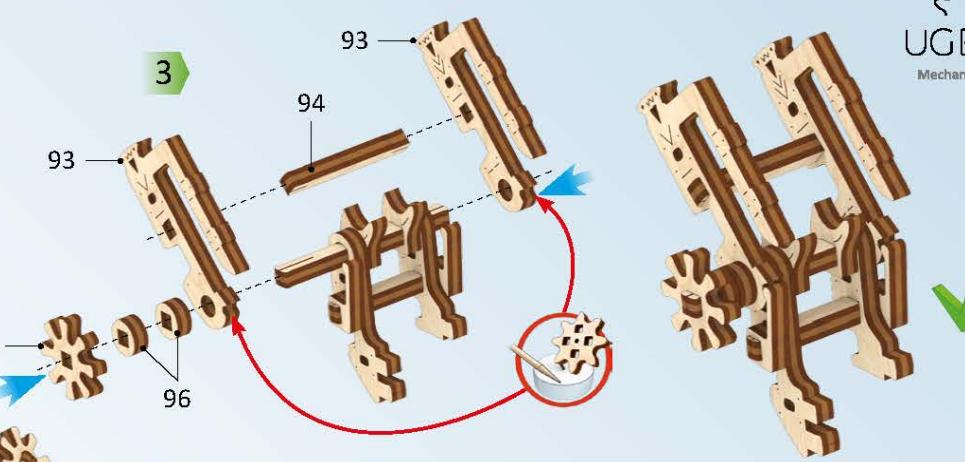
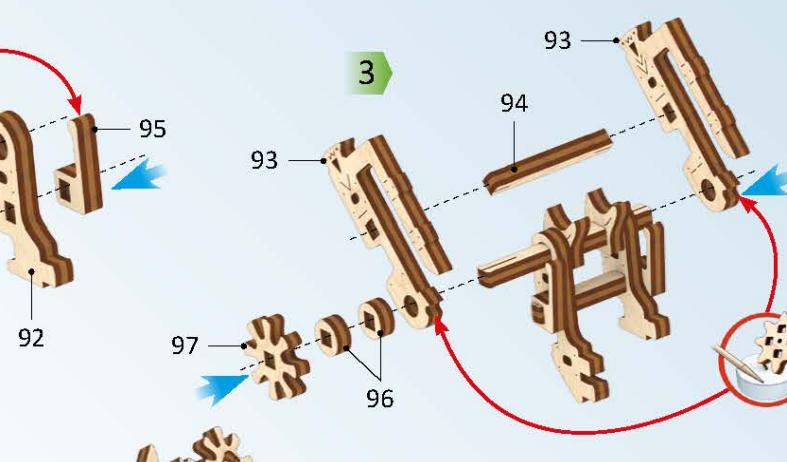
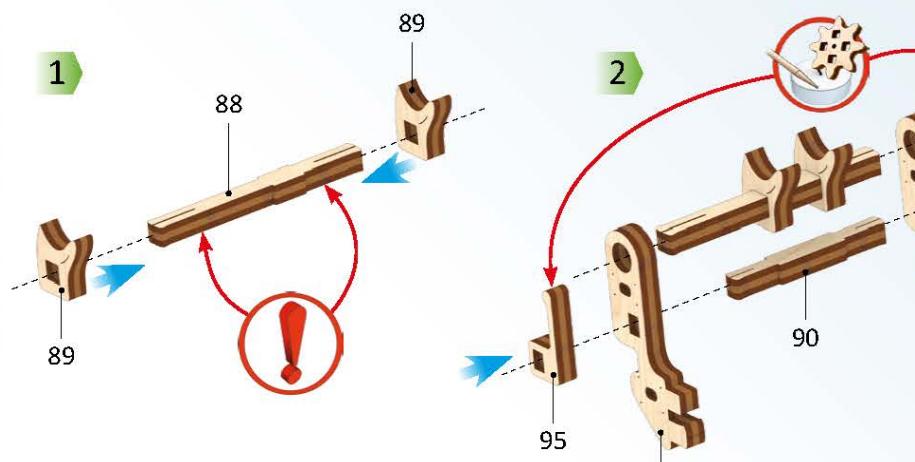
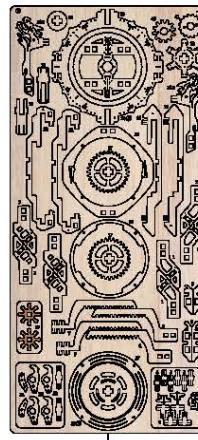


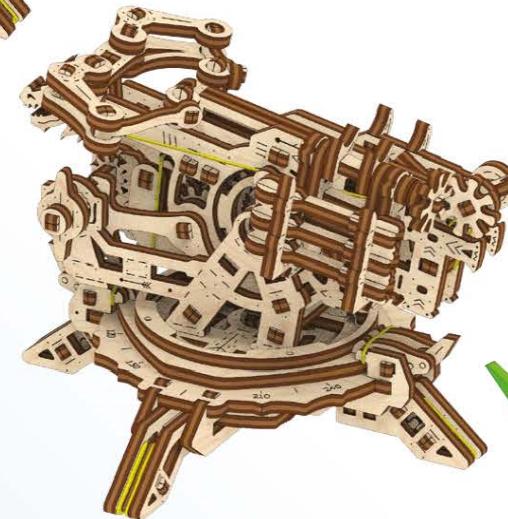
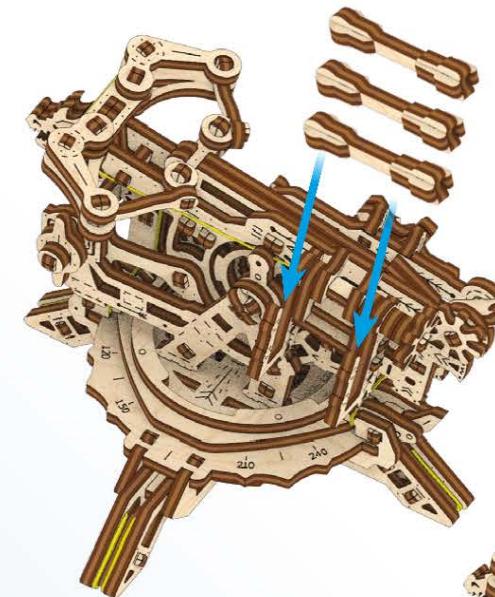
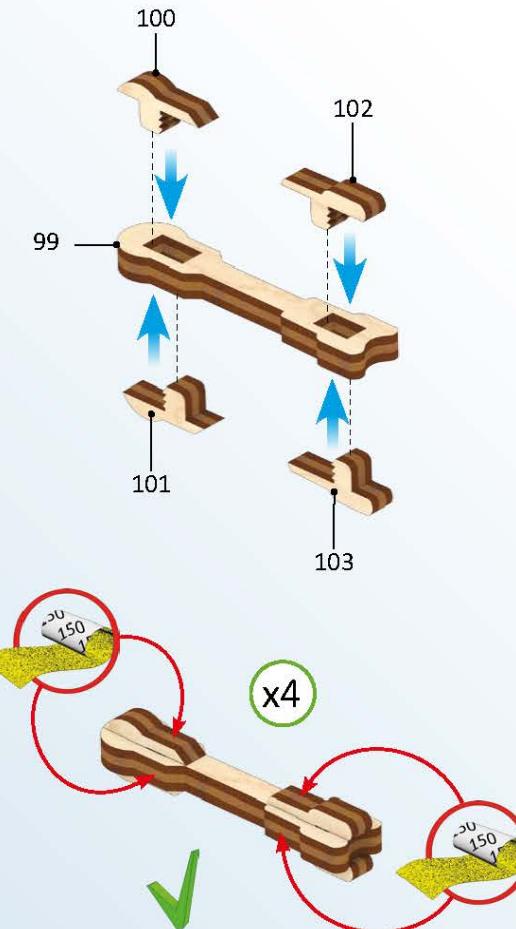
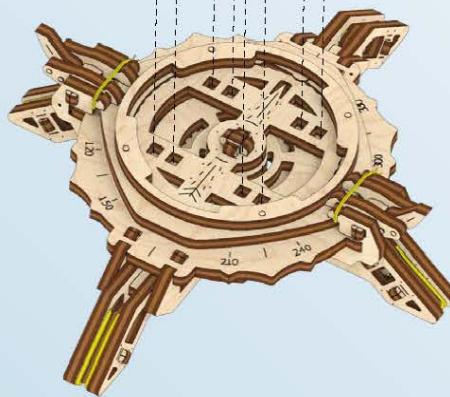
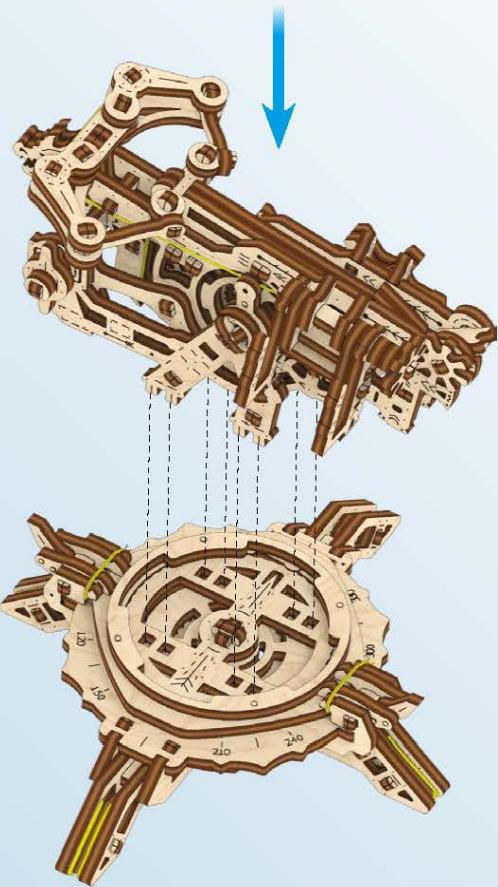
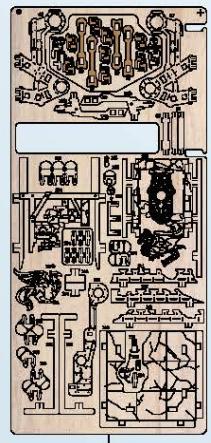


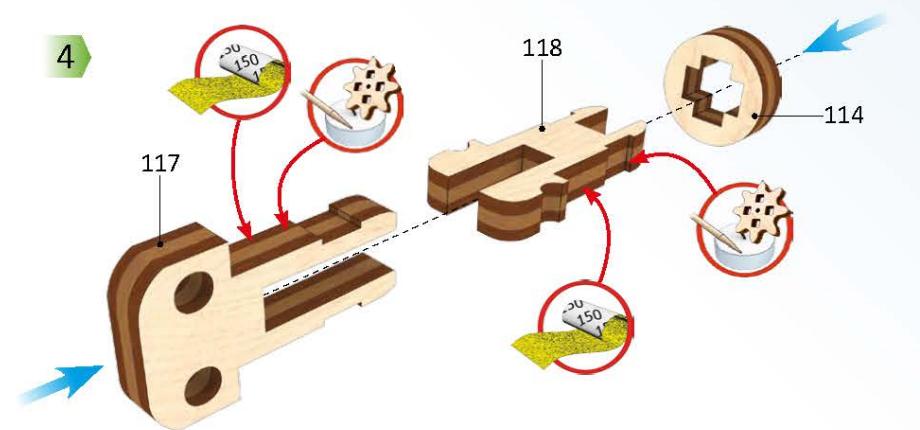
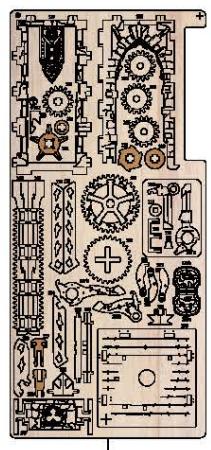
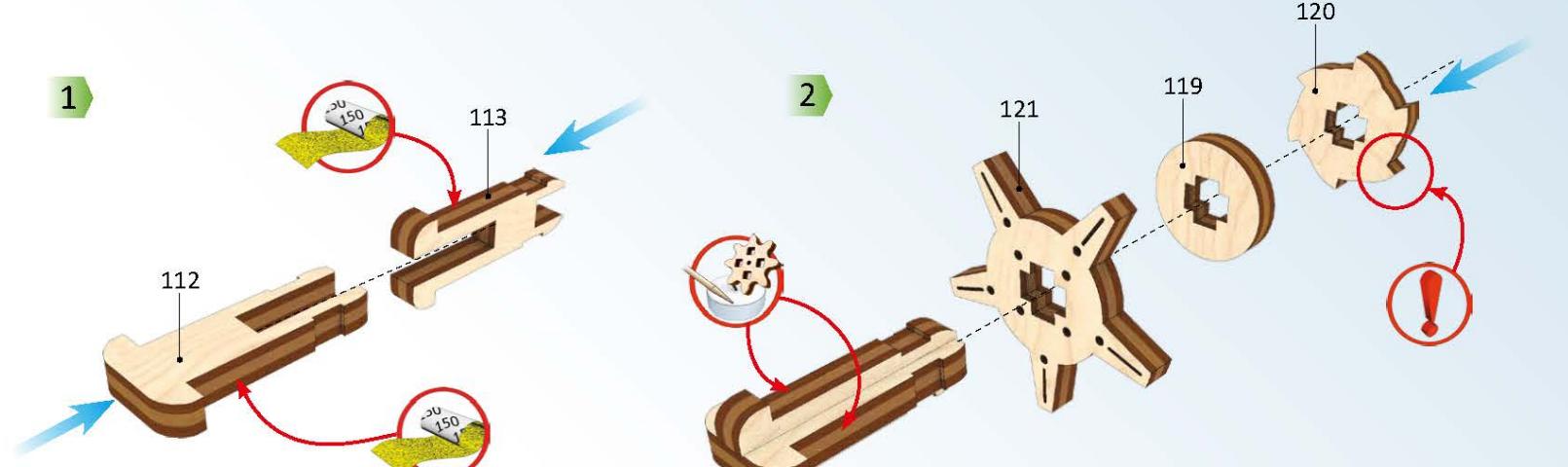
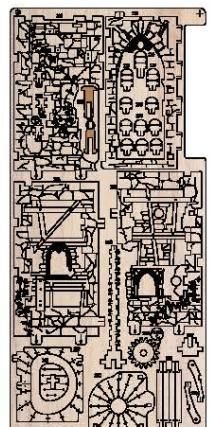
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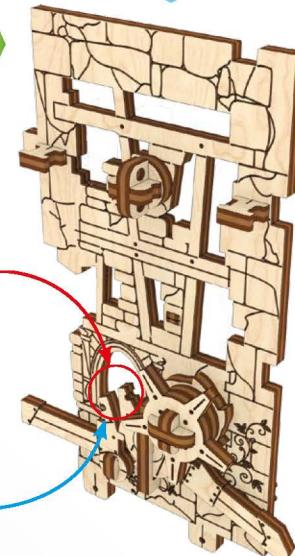
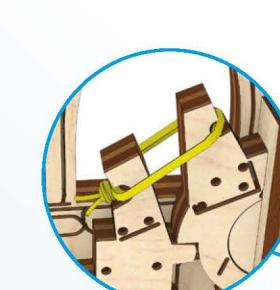
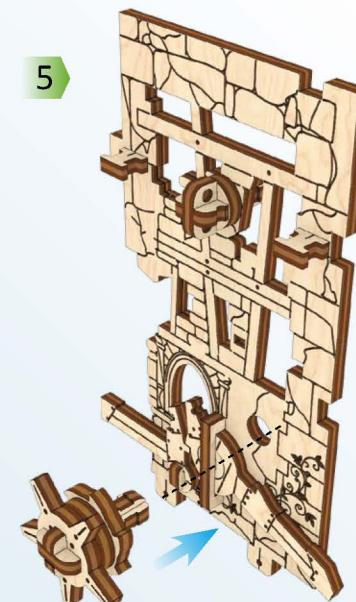
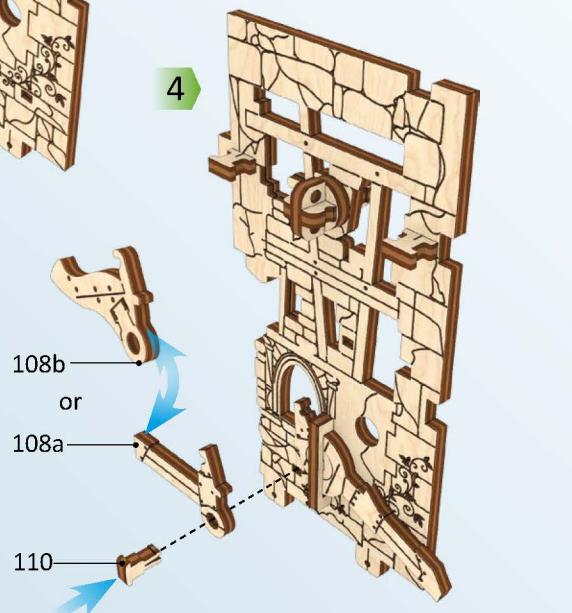
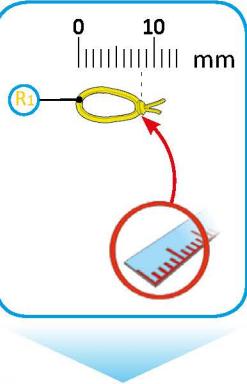
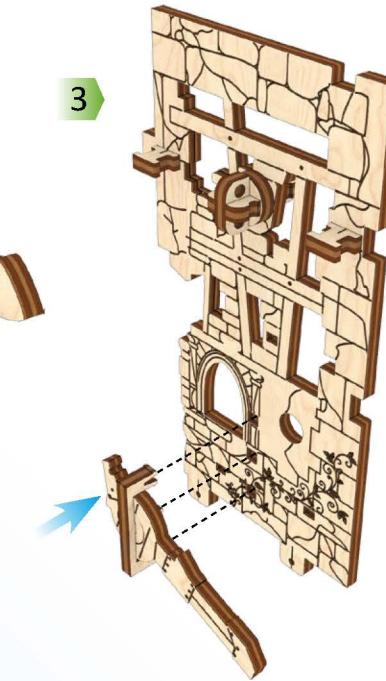
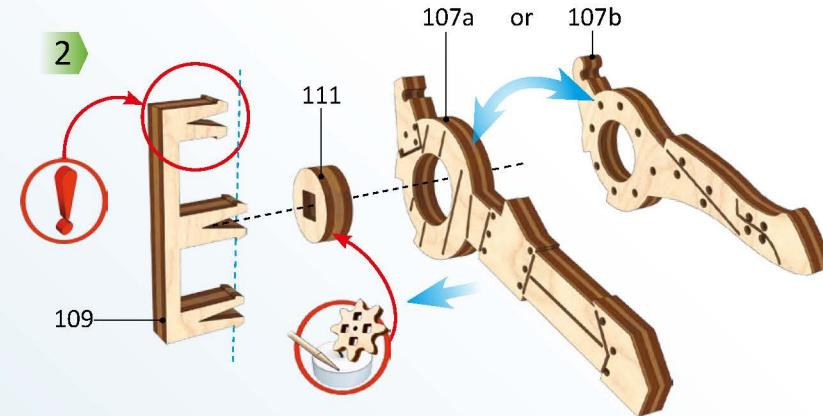
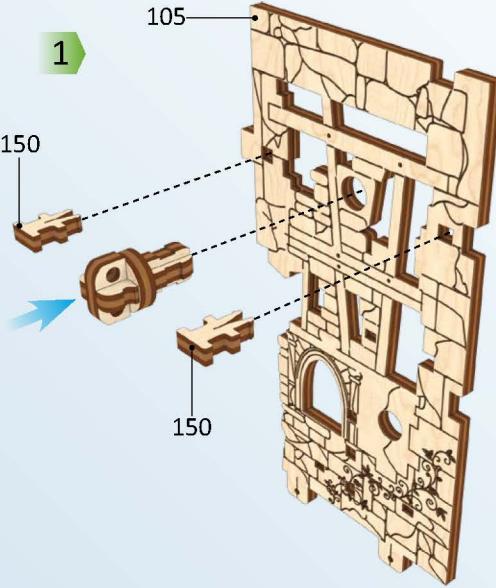
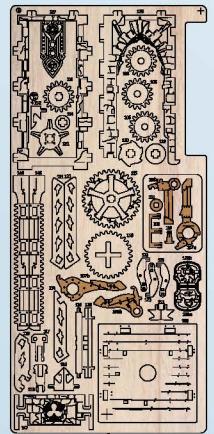
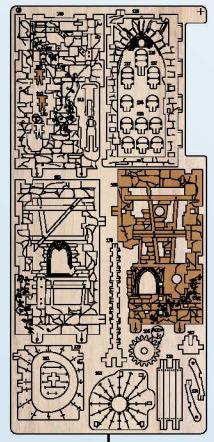


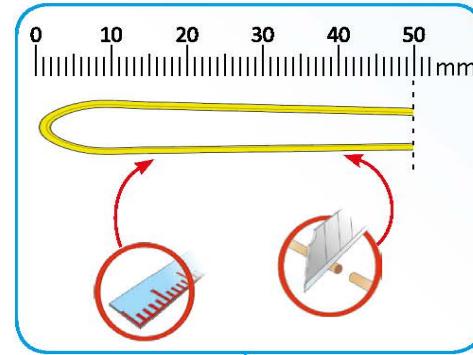
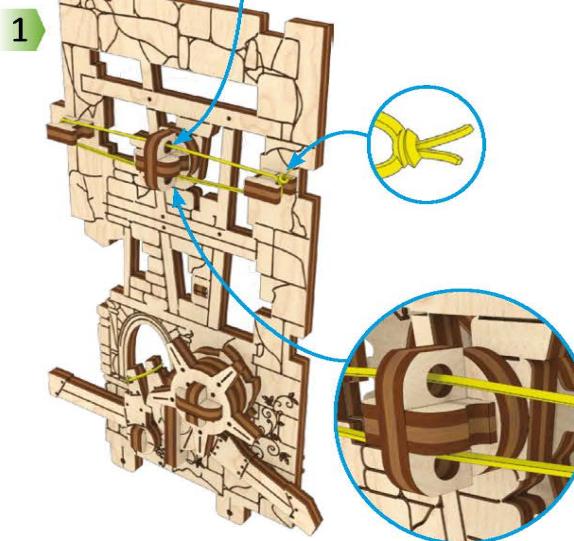
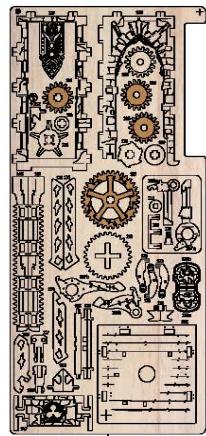
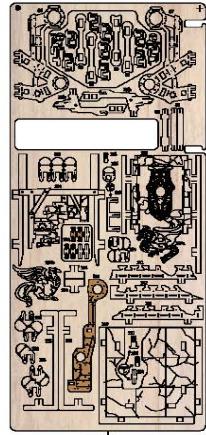




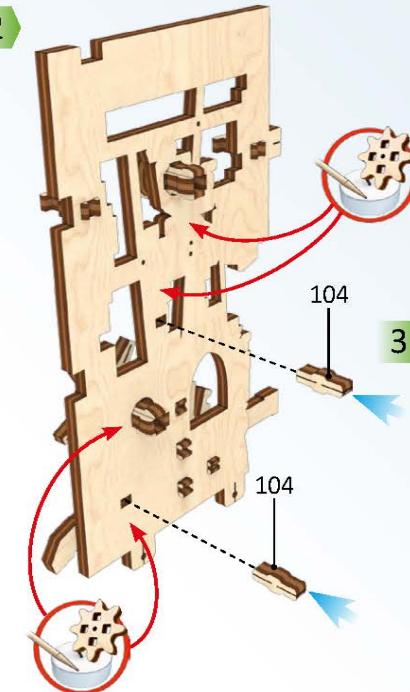


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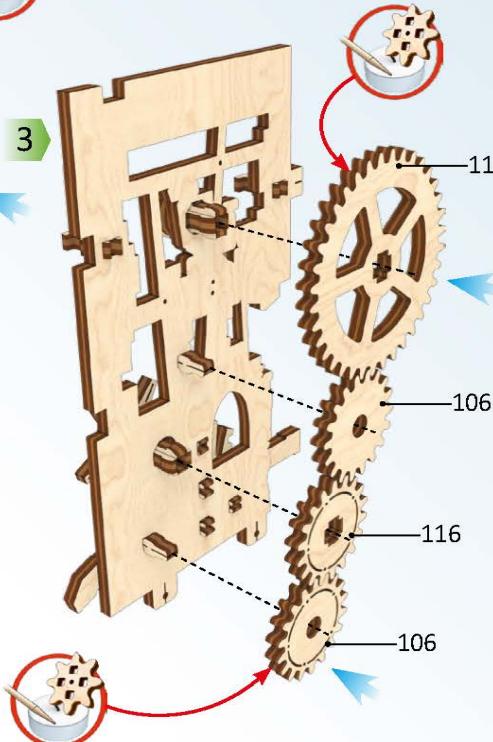




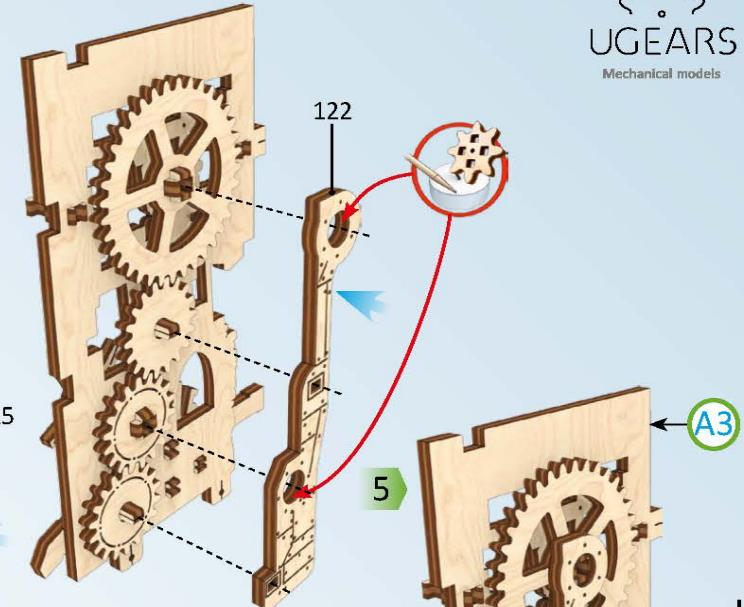
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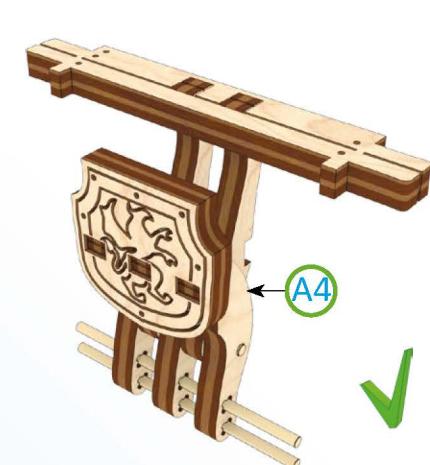
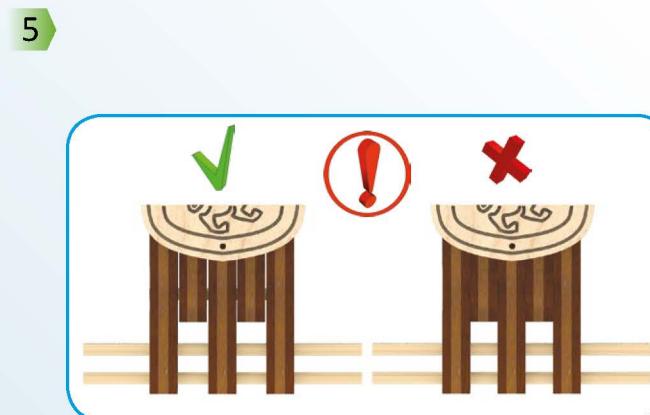
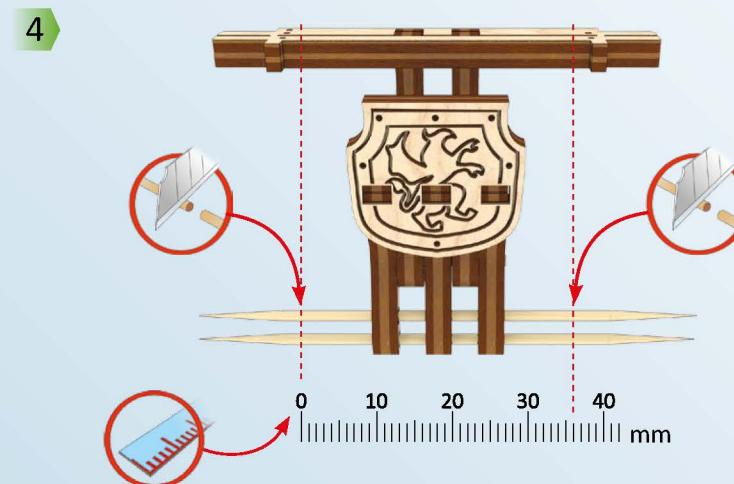
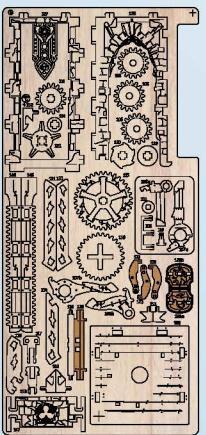
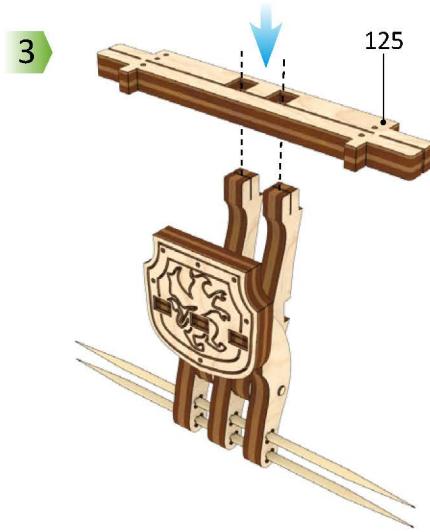
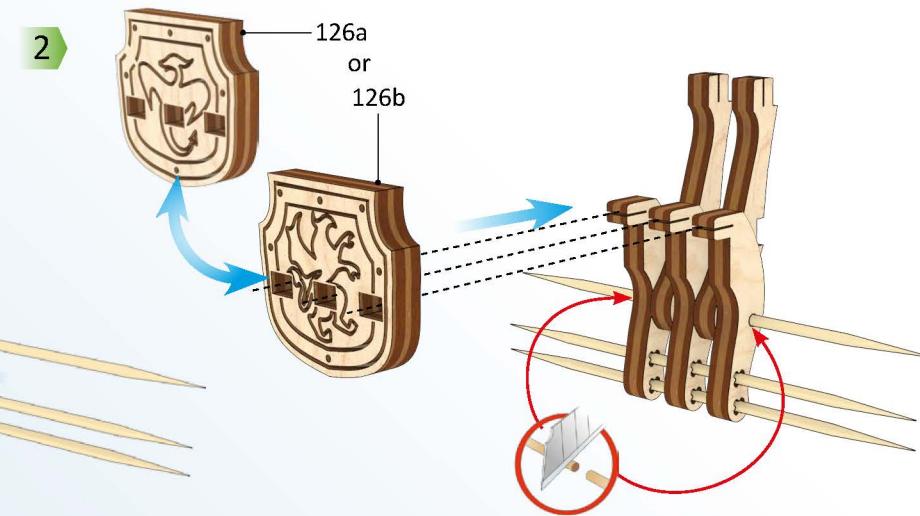
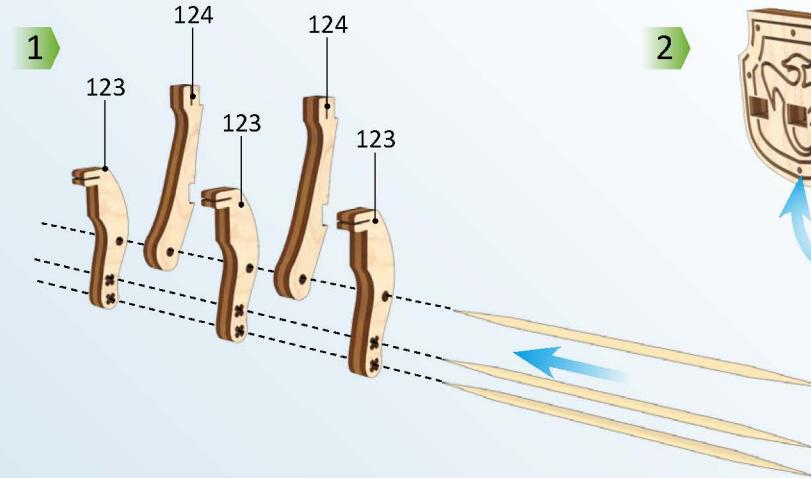
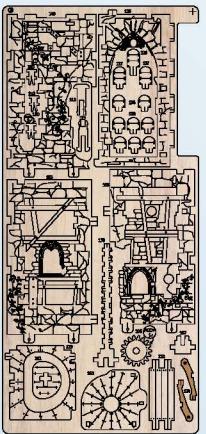


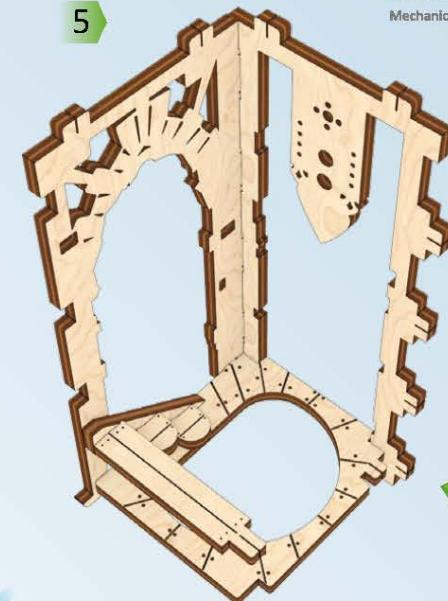
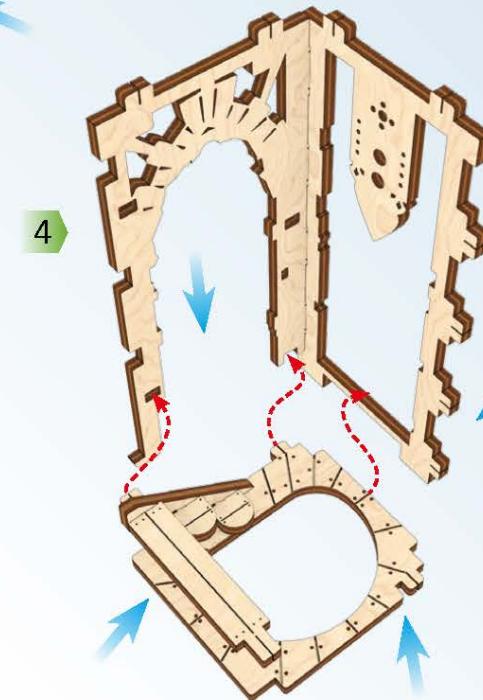
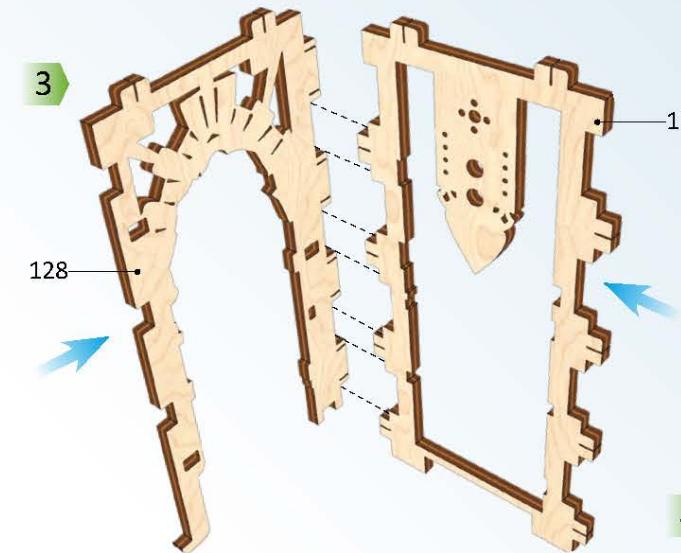
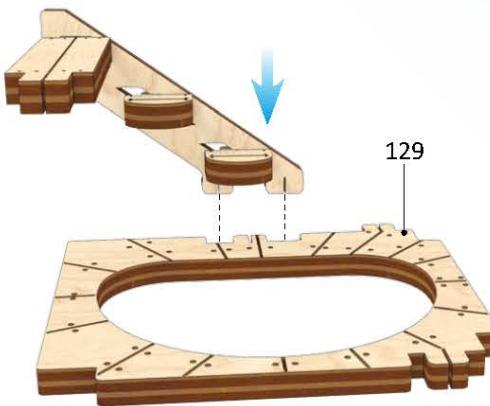
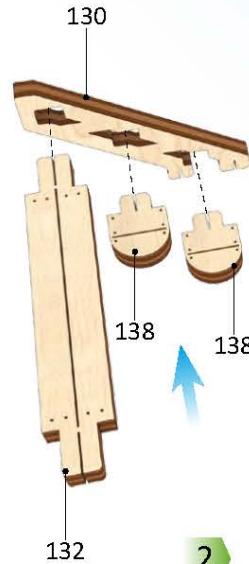
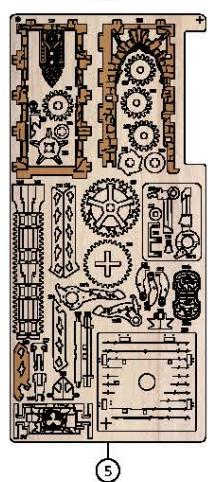
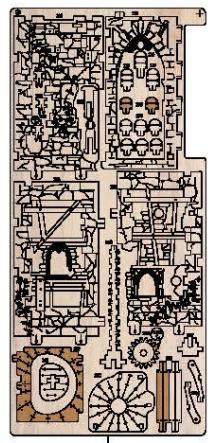
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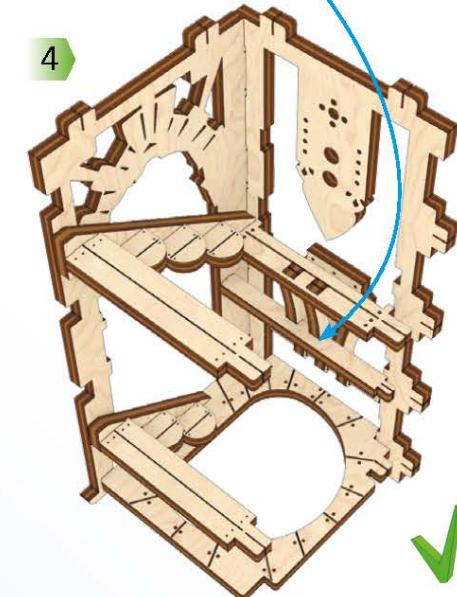
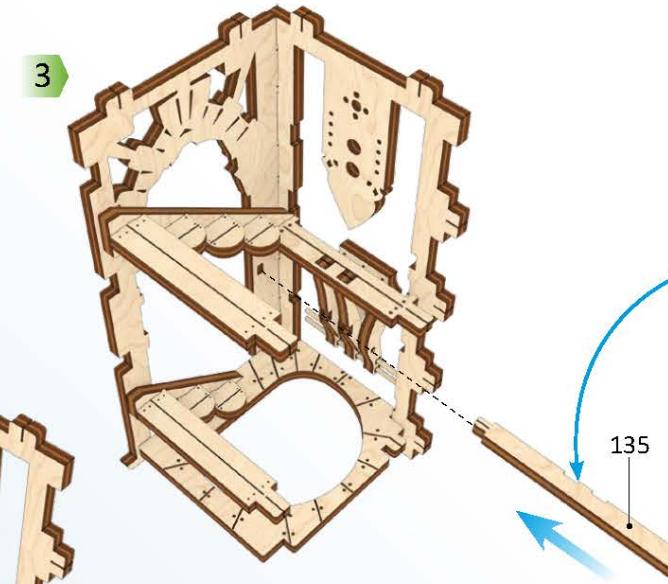
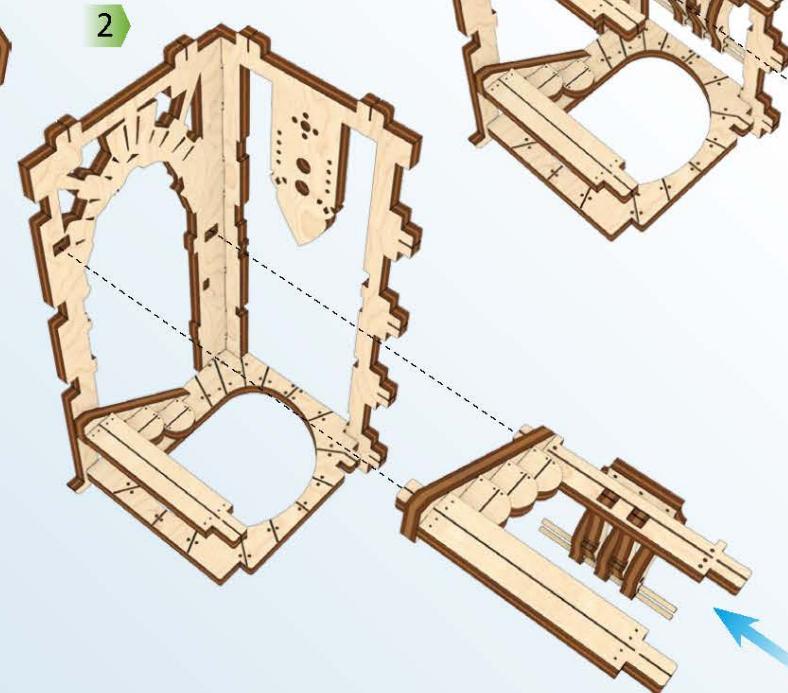
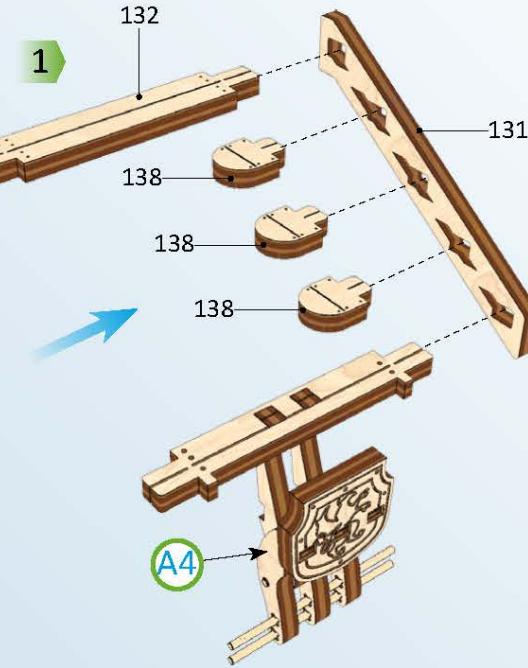
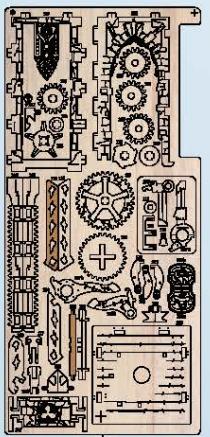
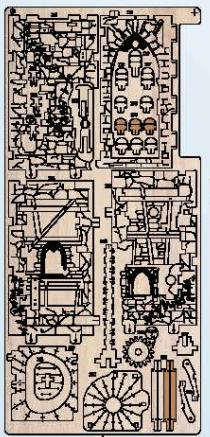
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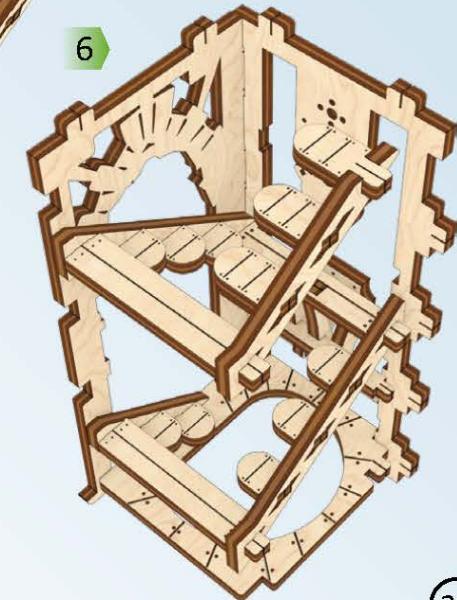
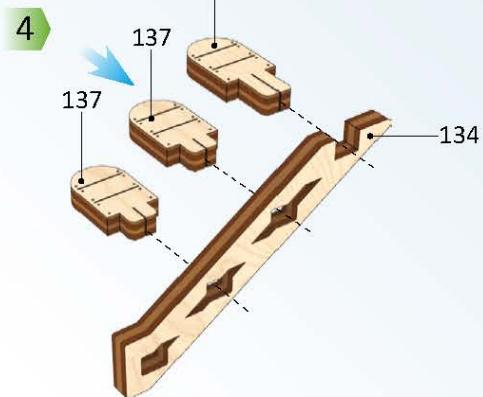
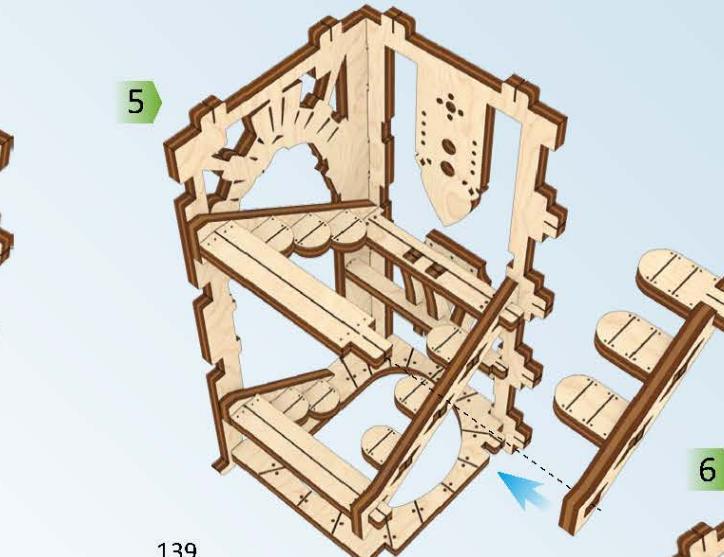
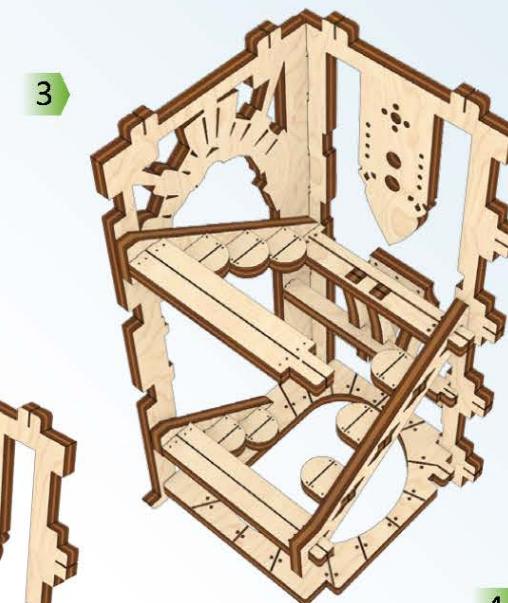
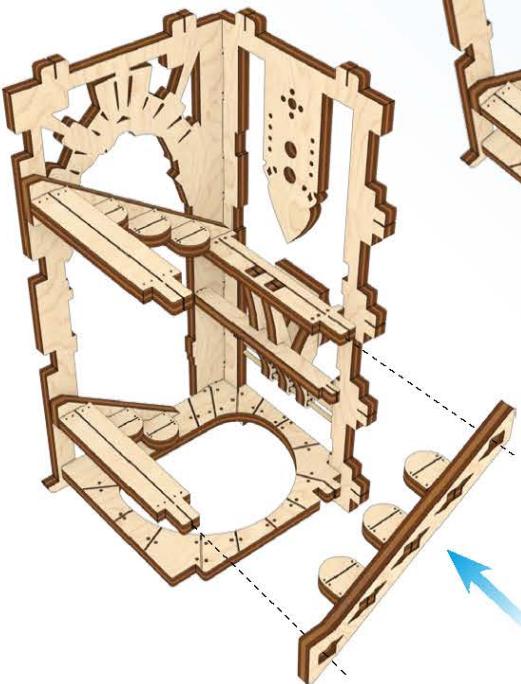
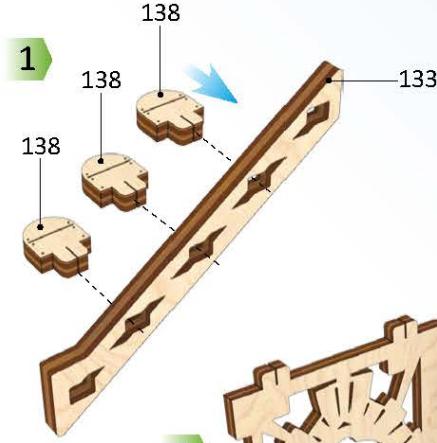
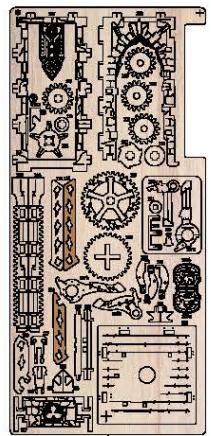
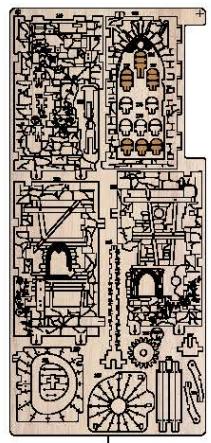
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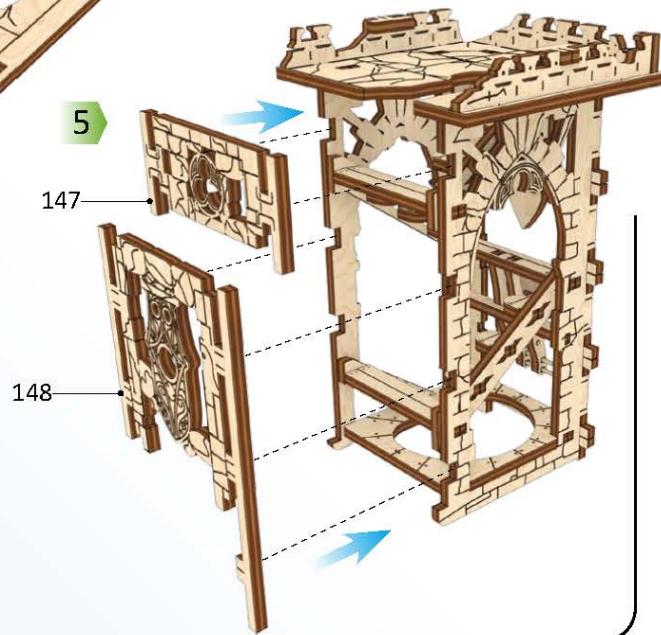
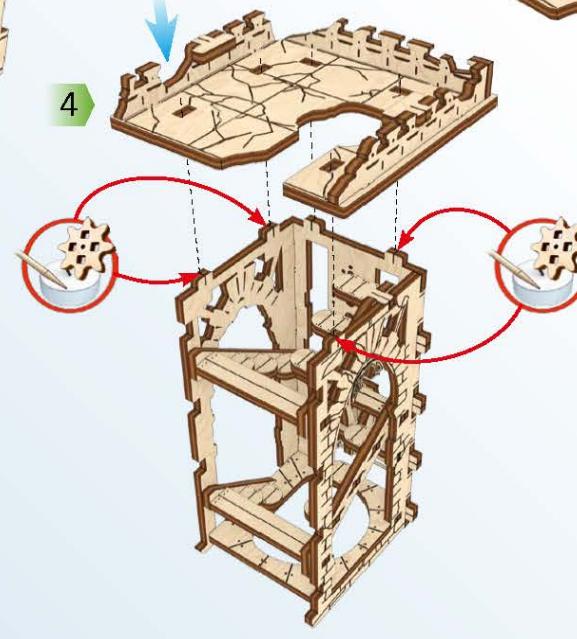
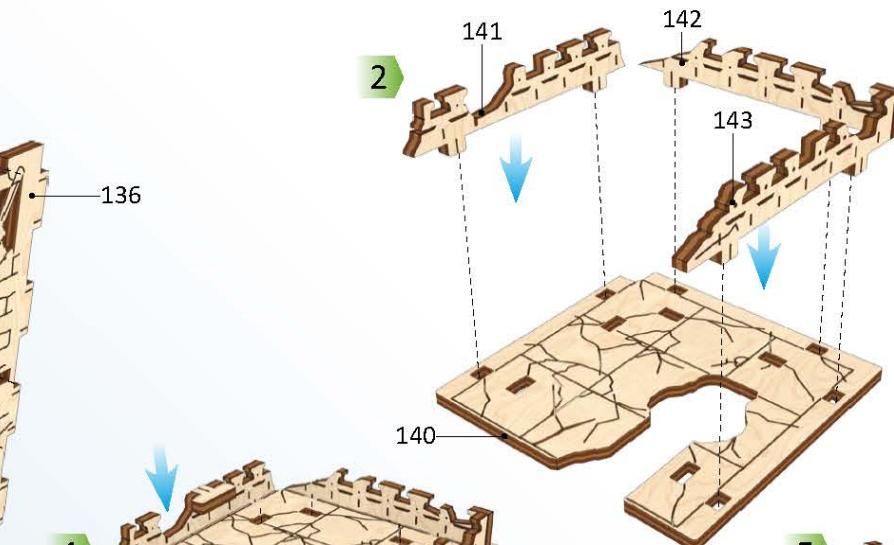
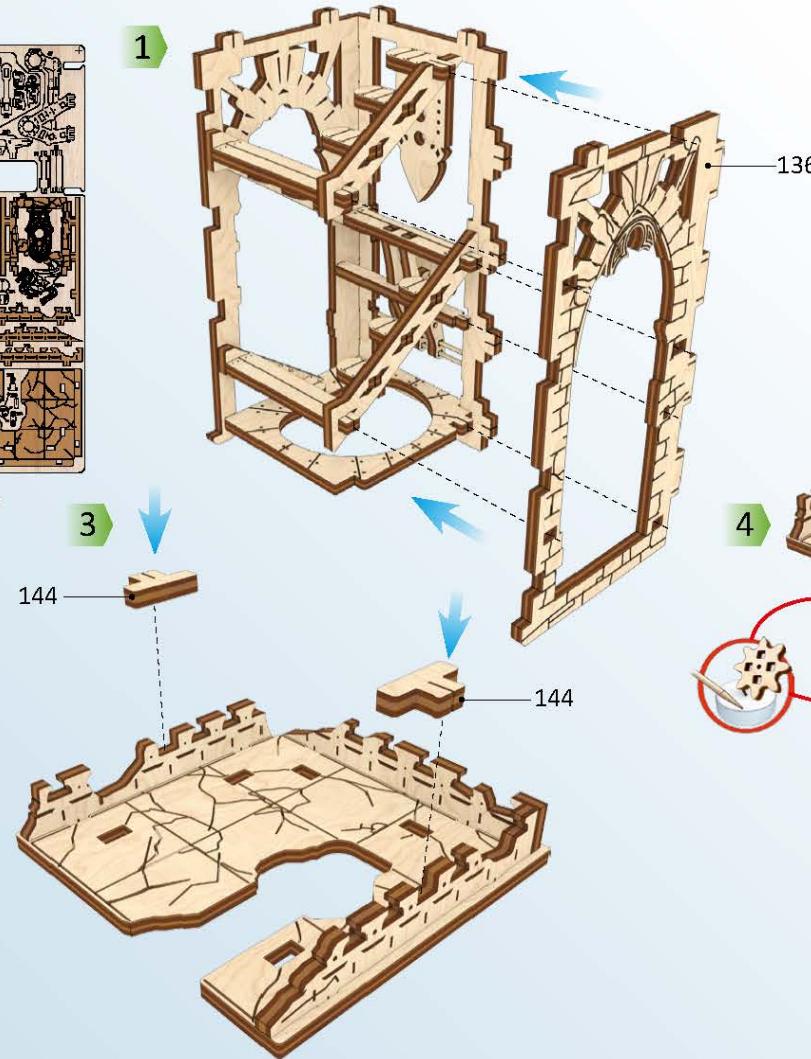
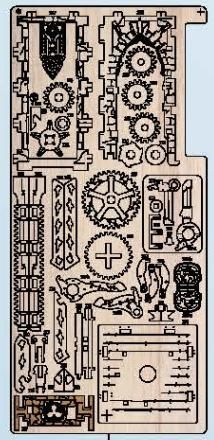
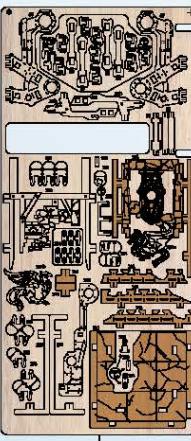
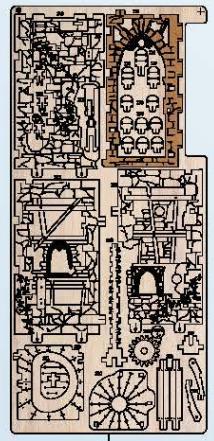


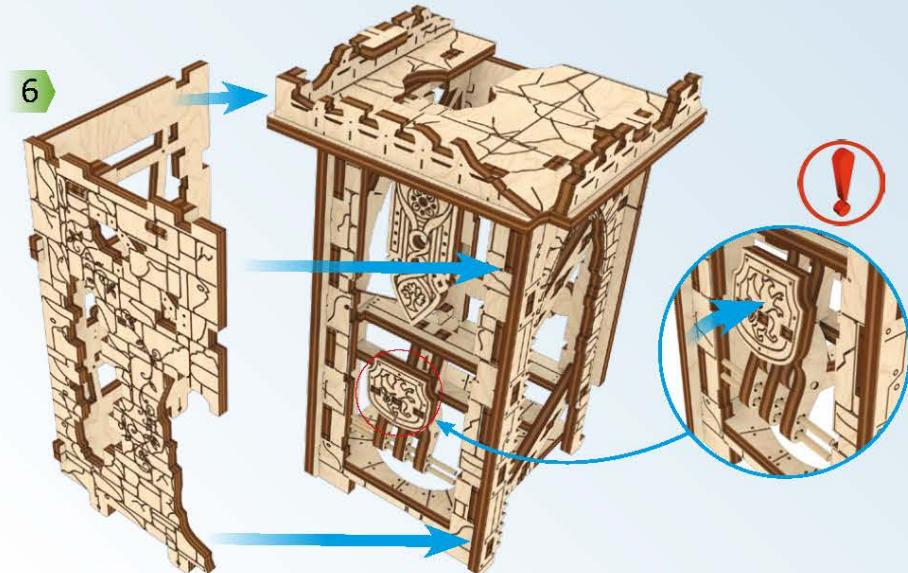
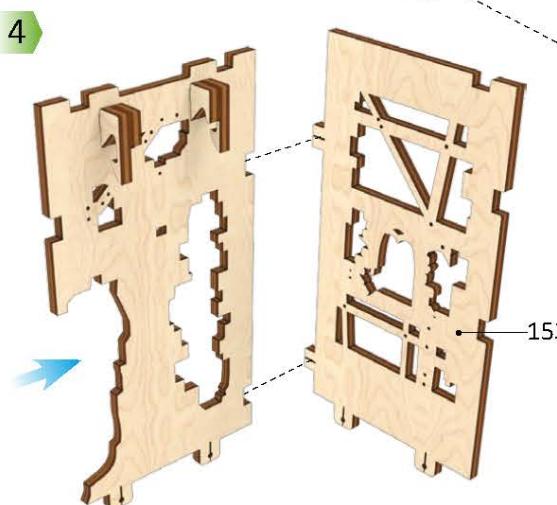
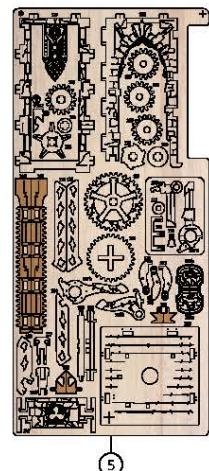
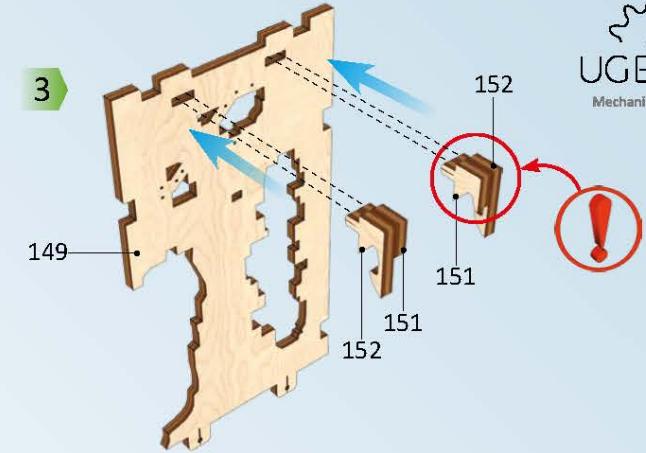
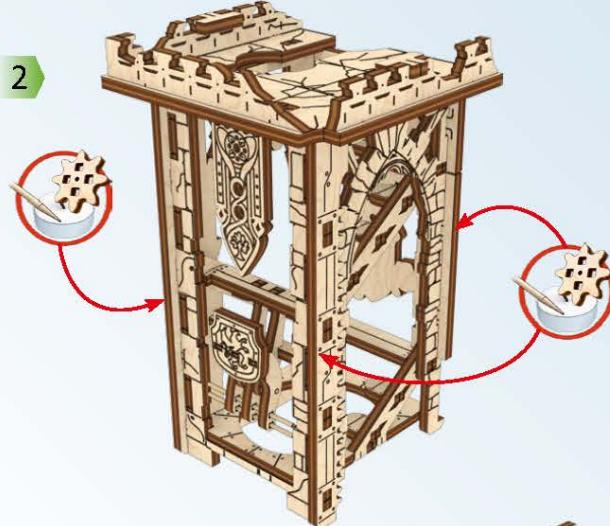
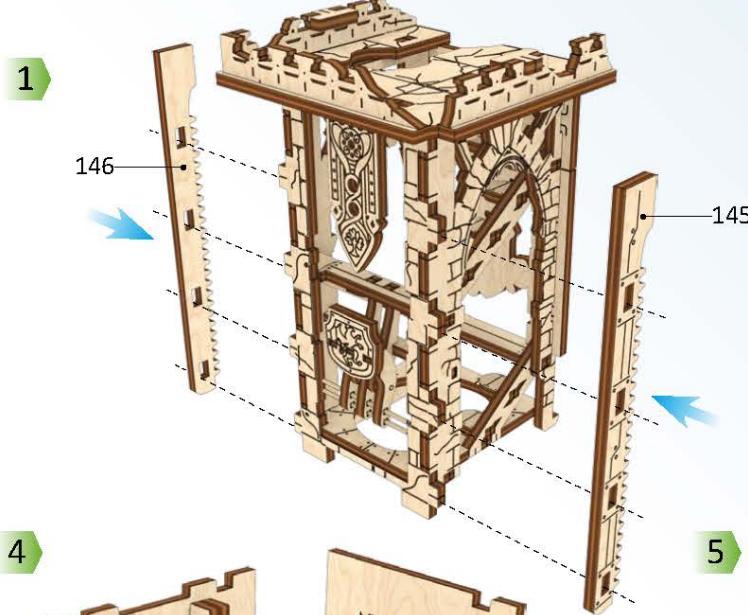
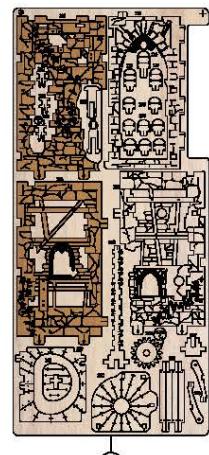
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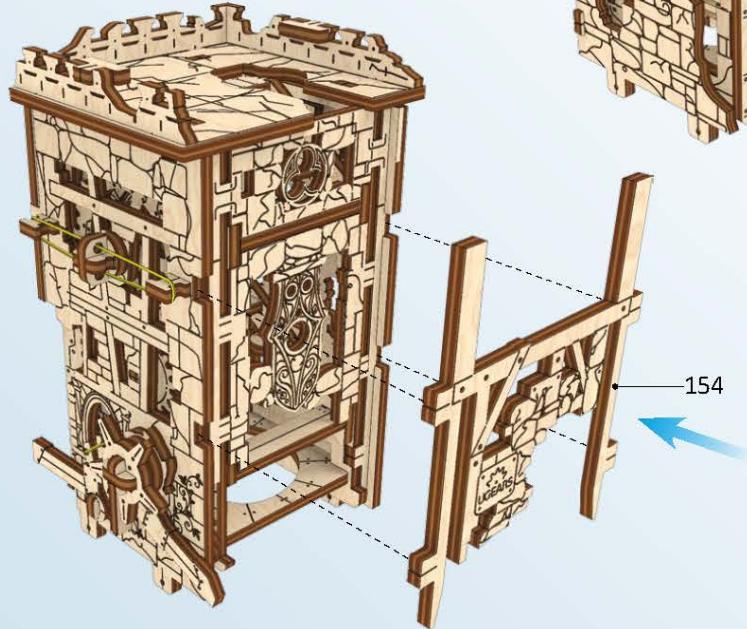
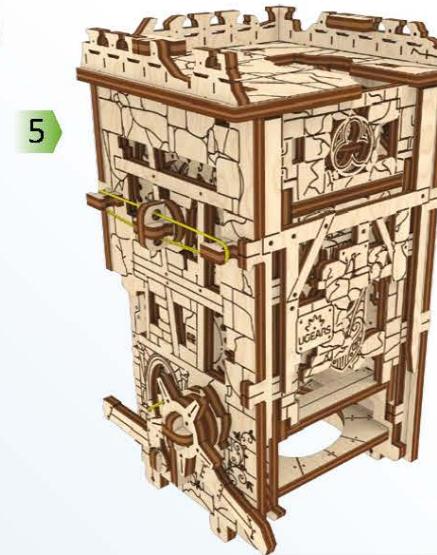
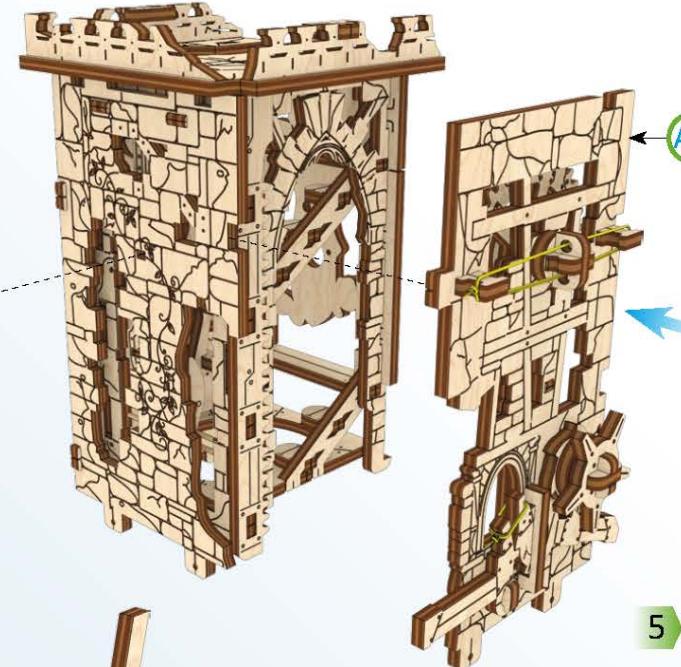
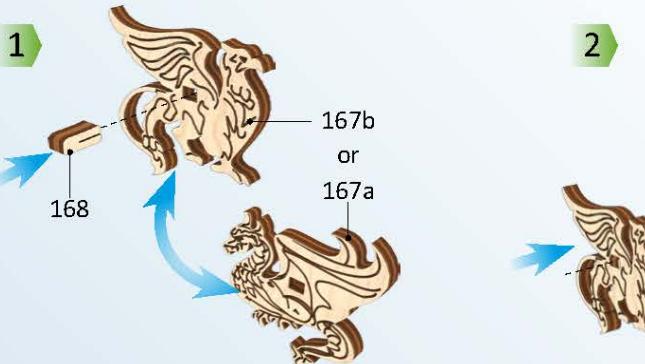
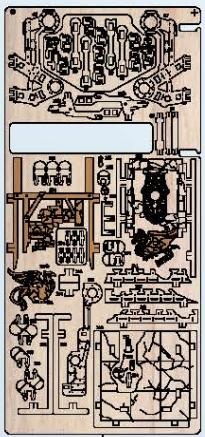


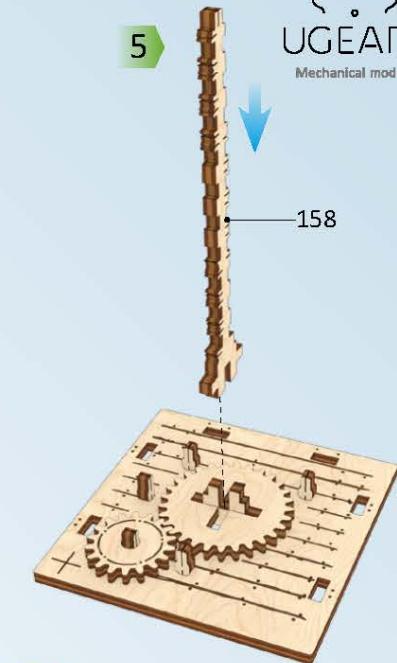
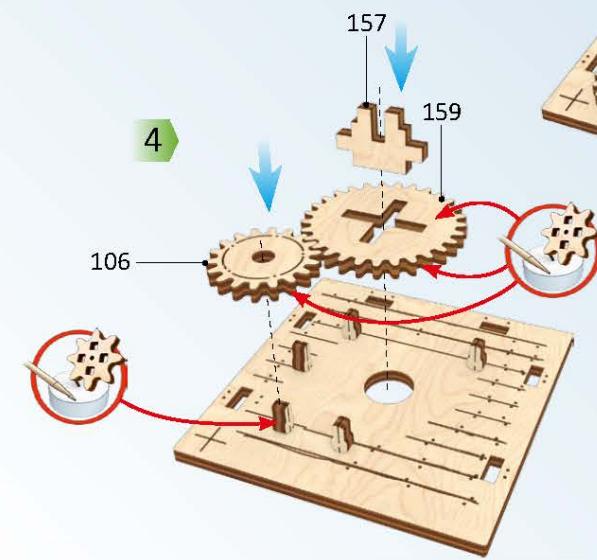
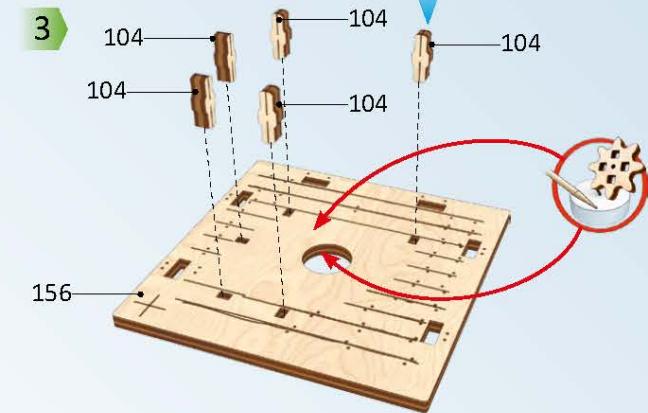
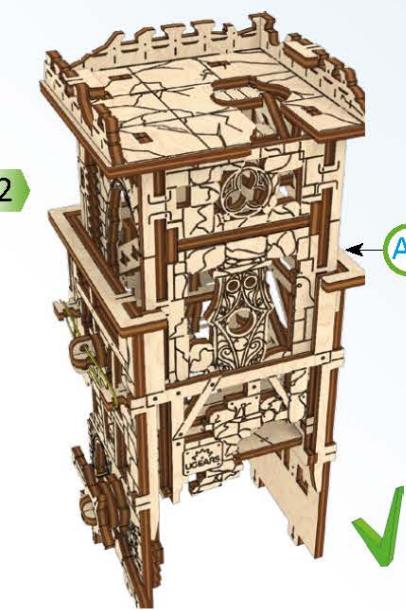
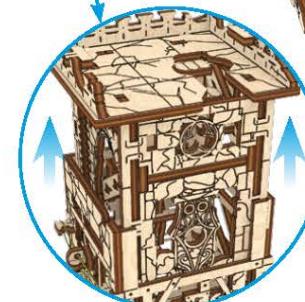
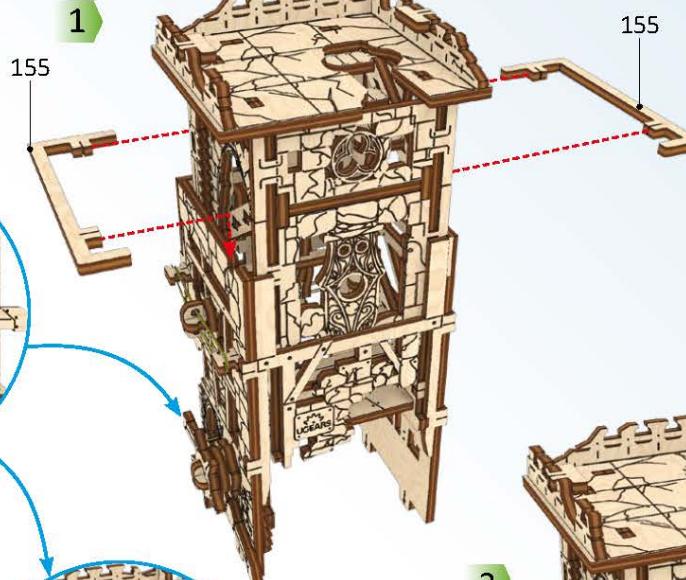
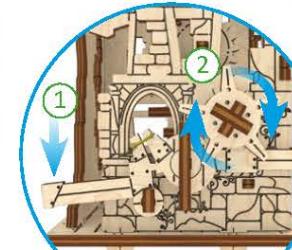
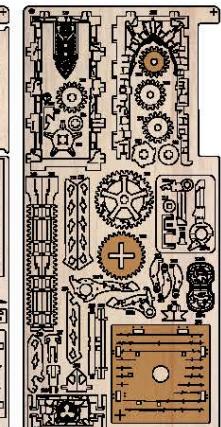
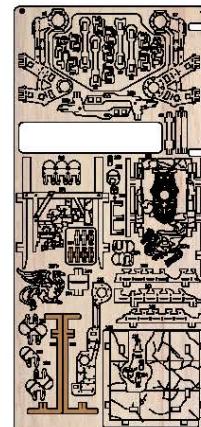
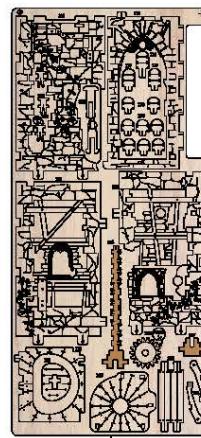
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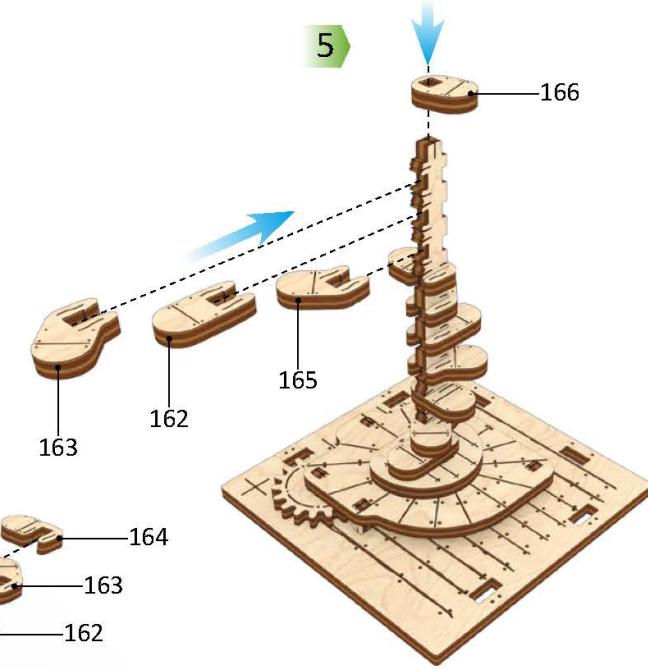
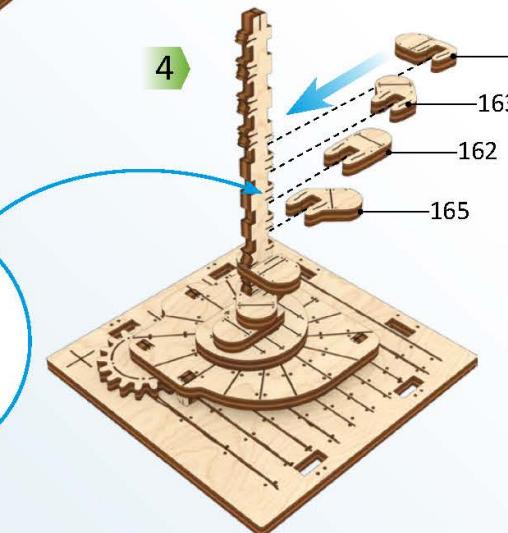
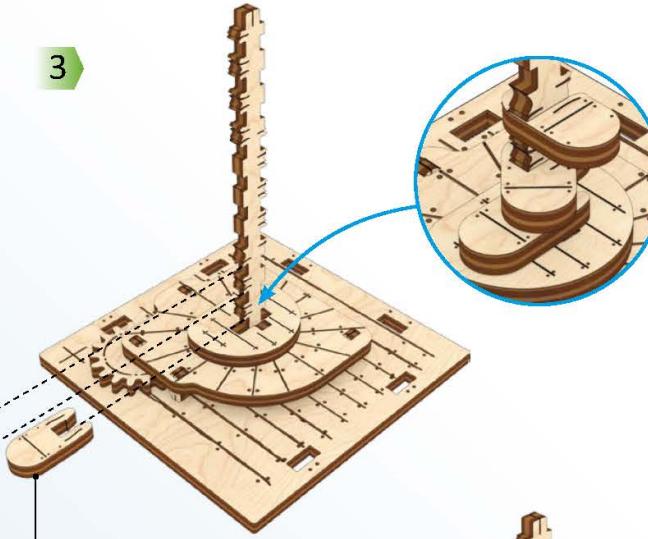
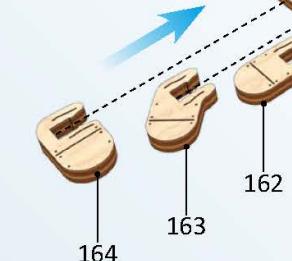
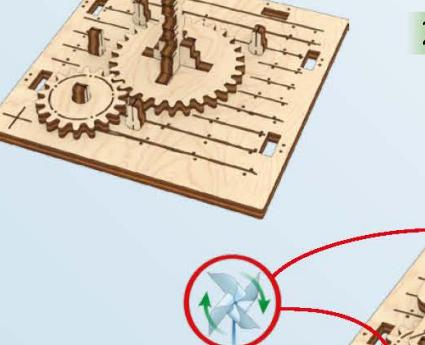
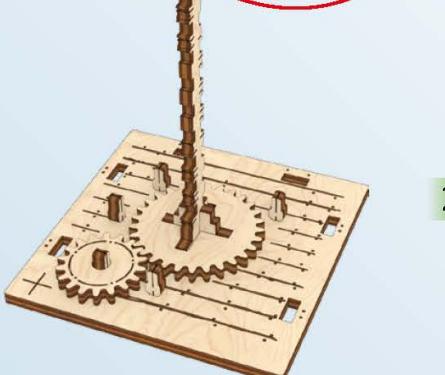
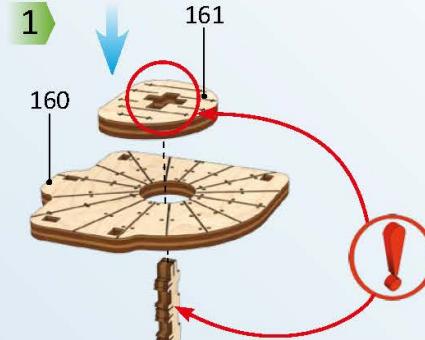
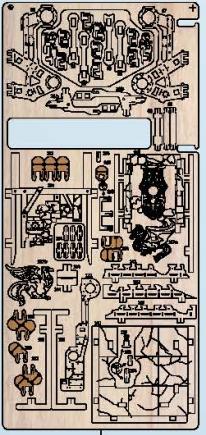
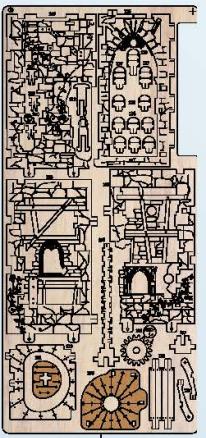


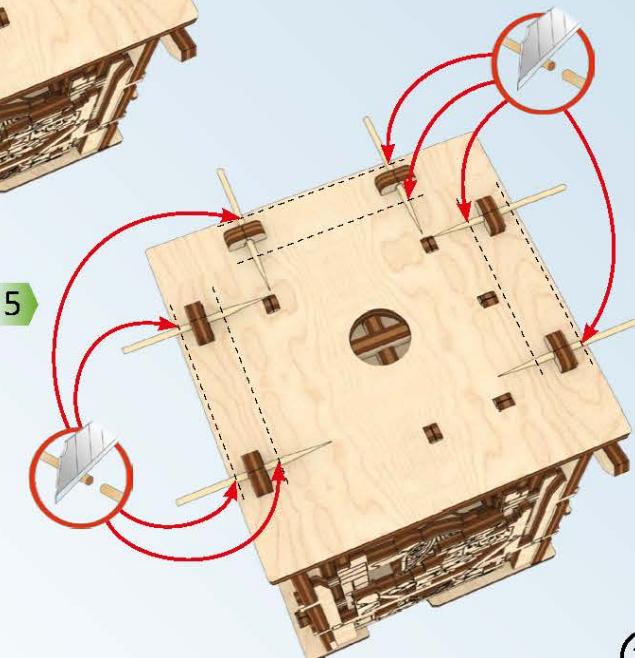
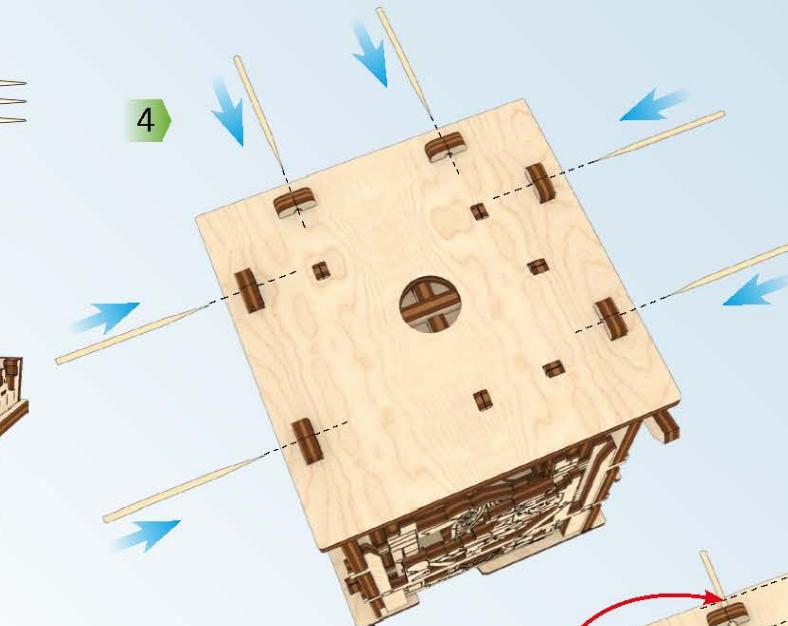
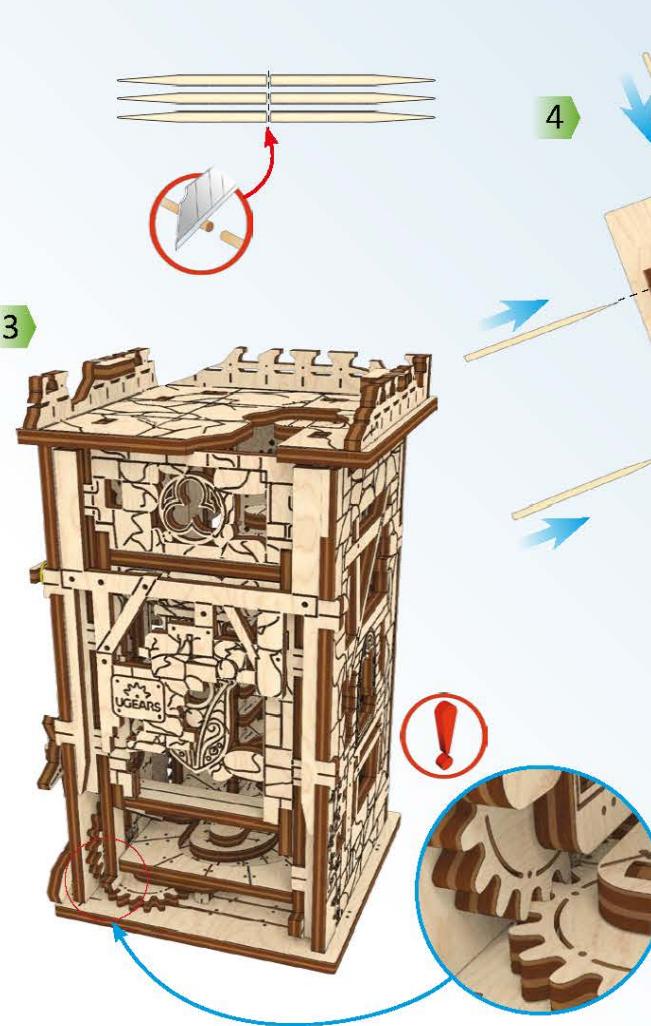
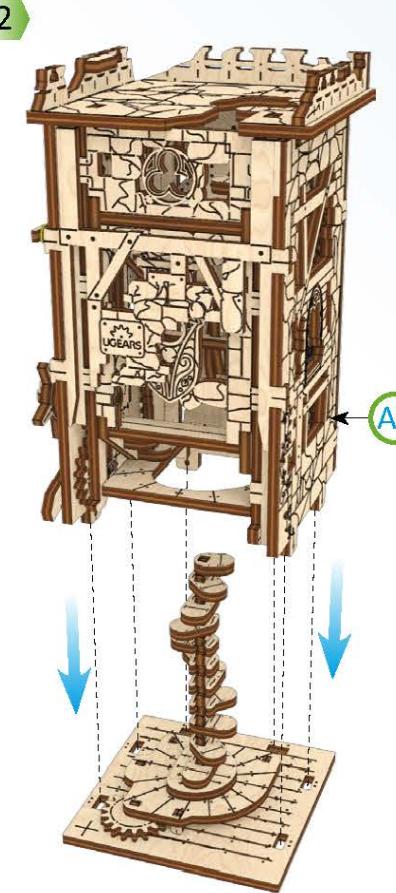
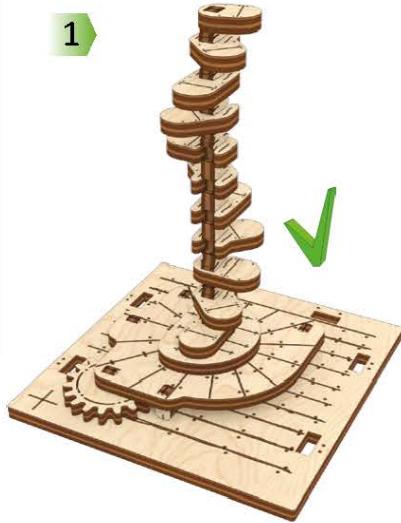
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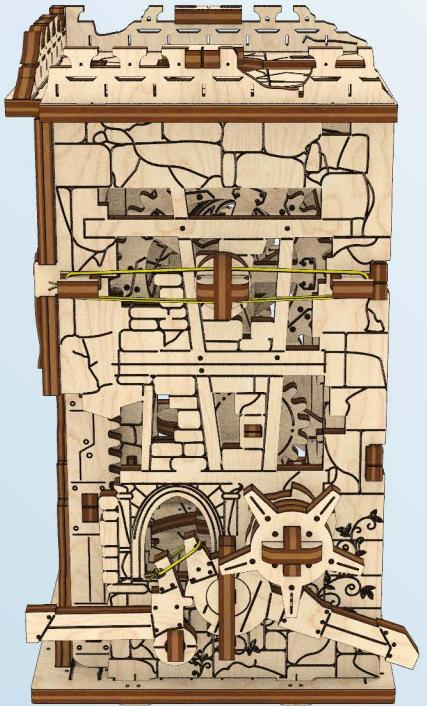


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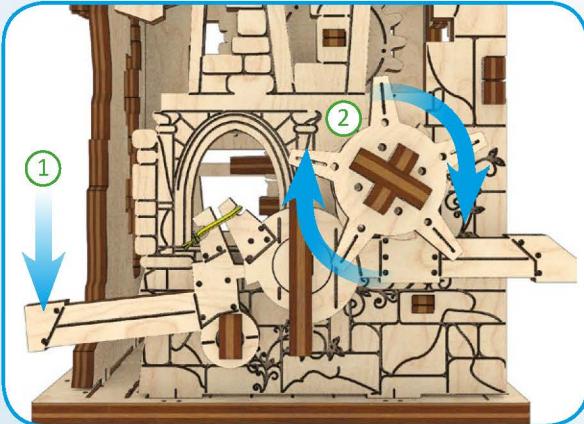




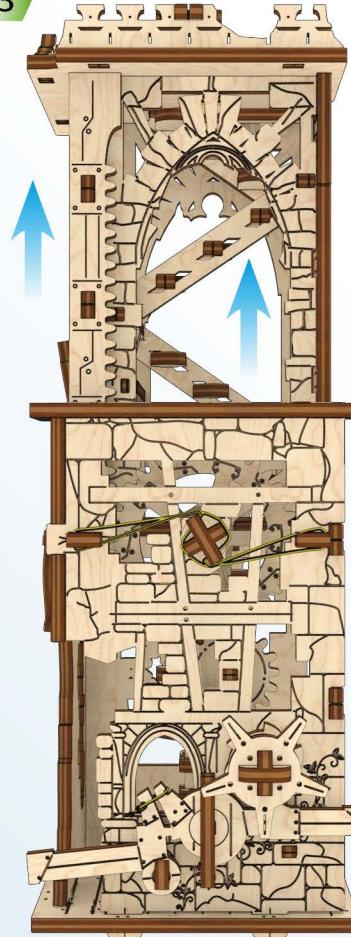
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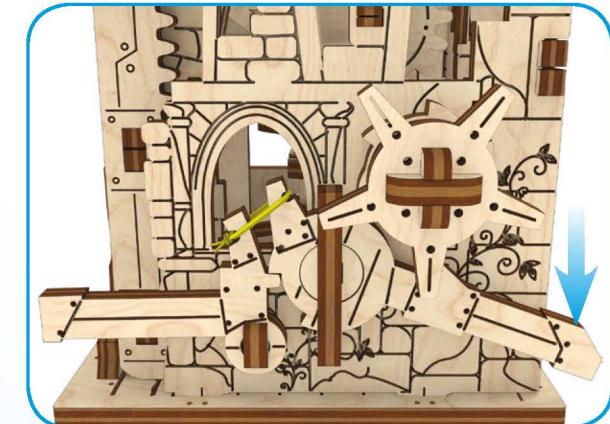
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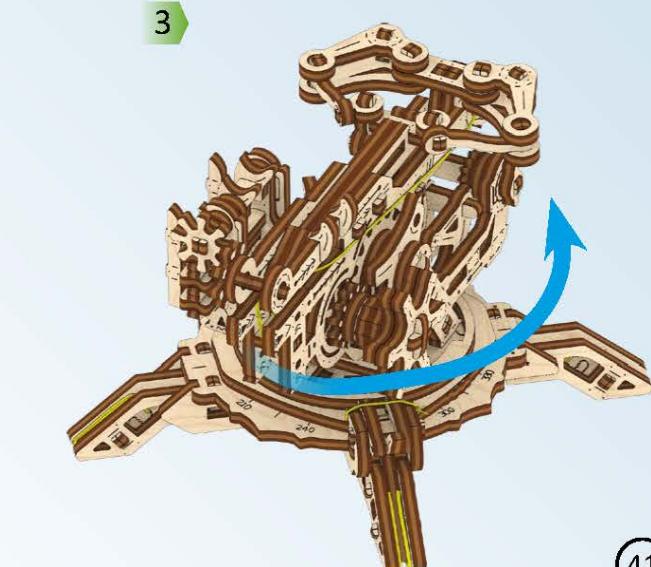
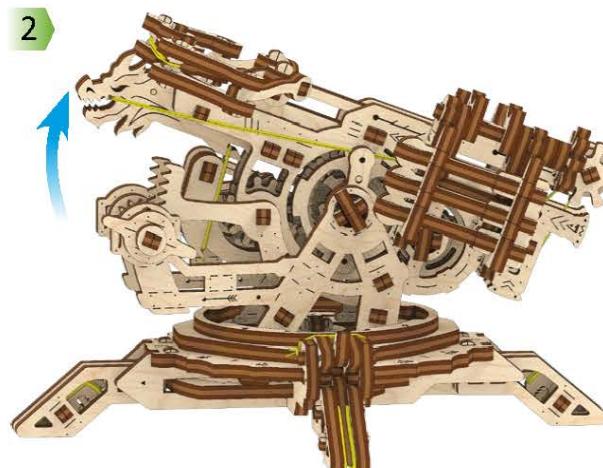
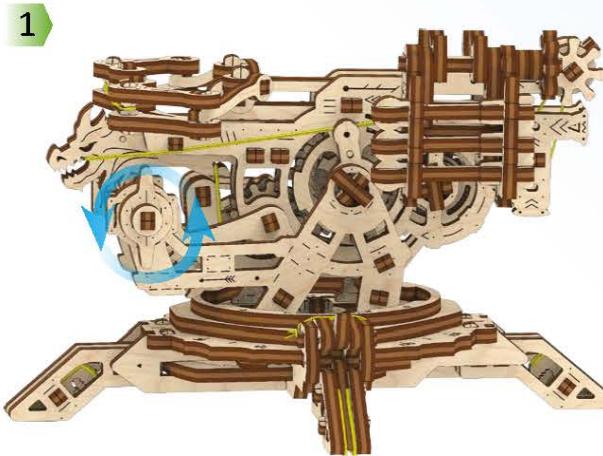


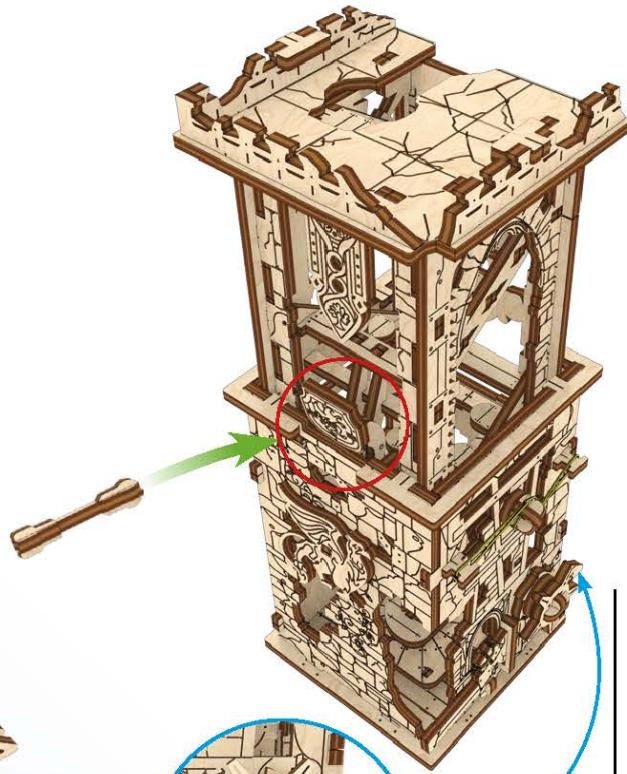
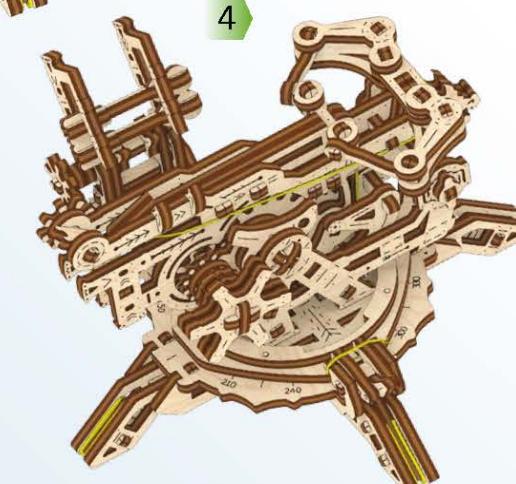
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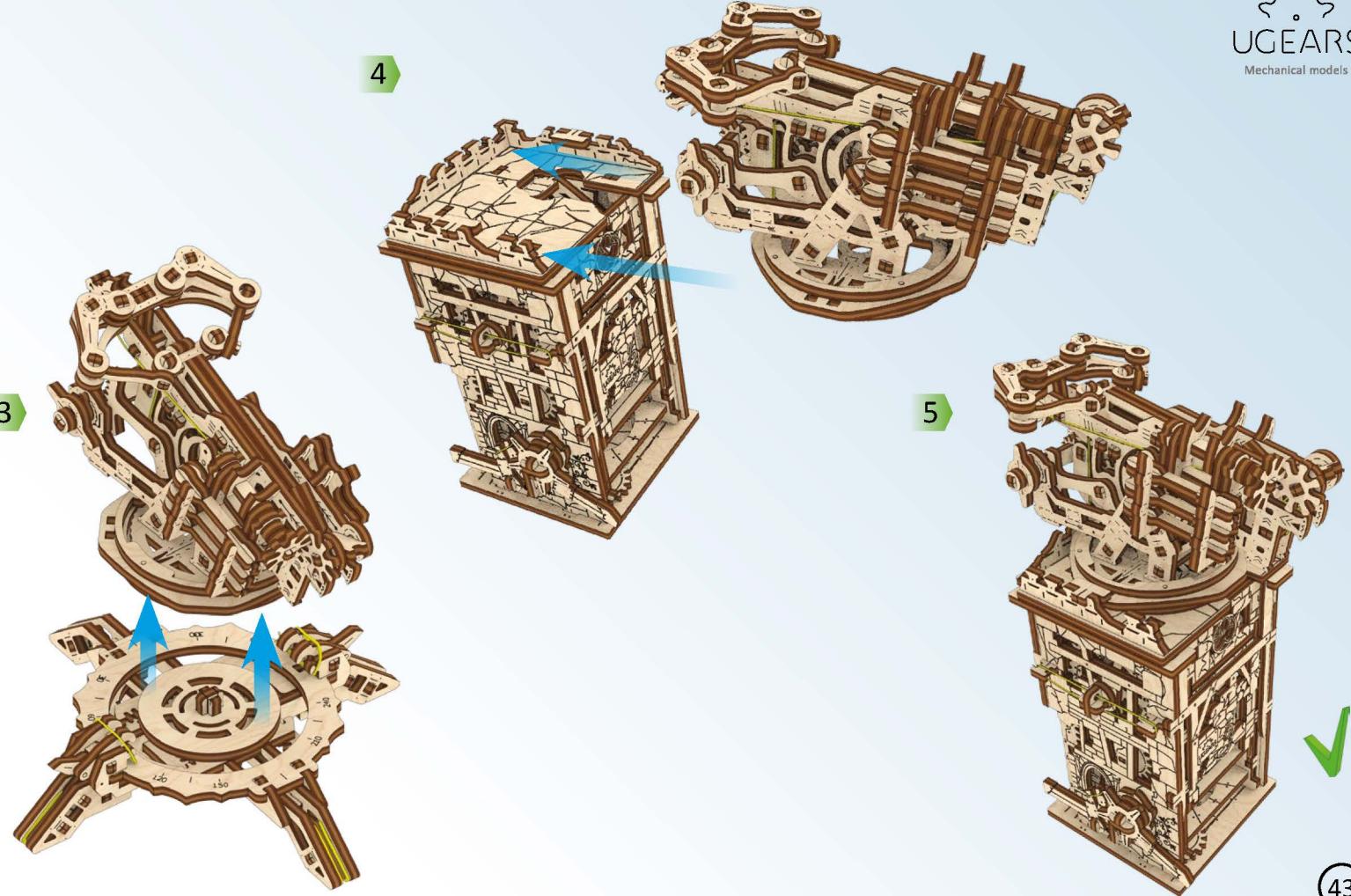
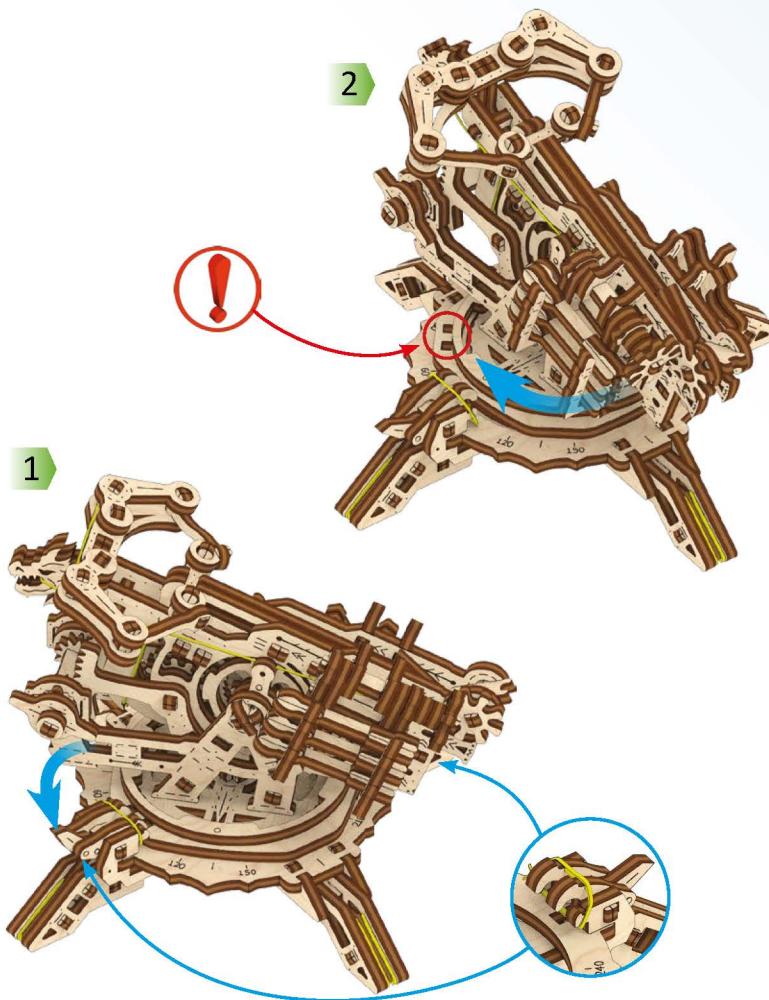


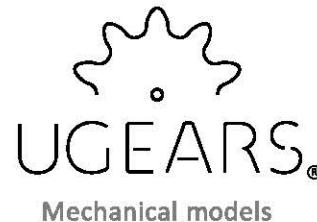
4











ENG Thanks for following along on this journey with us. UKR Дякуємо, що ви пройшли цей шлях з нами. DEU Vielen Dank, dass Sie diesen Weg mit uns gegangen sind.
FRA Merci de nous avoir accompagnés tout au long de ces étapes. POL Dziękujemy, że razem z nami pokonaliście tę drogę! SPA Gracias por haber recorrido el camino con nosotros. ITA Grazie per aver fatto questo percorso con noi. TUR Bizimle bu yolu geçtiğiniz için teşekkür ederiz. RUS Спасибо, что вы прошли этот путь с нами. KOR UGEARS와 함께해 주셔서 감사합니다. CHI 感谢您参与有趣的模型配装过程。

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