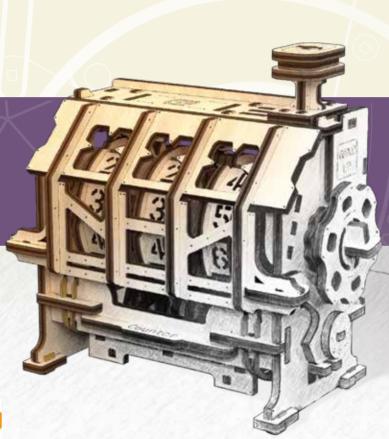


Learn how it works

MECHANICAL MODEL/機械モデル

COUNTER

Assembly instructions 組み立て説明書



















NO GLUE SELF ASSEMBLY

MECHANICAL

EDUCATIONAL

JPN ユニークなAR体験と実際の活用例

ENG Each of the mechanical models of the UGEARS STEM-lab series is an interactive study guide to a mechanism.

Assembling the COUNTER with your own hands you will get a full, in-depth understanding of the principles of how it works.

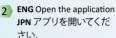
Extend your learning experience even further with the Ugears augmented reality application. Point your tablet or smartphone phone at a fully assembled STEMlab model and the app will show you real life usage of the mechanism you've just built. You will see how the COUNTER is used in a production line; explore it at different angles, zoom it in and out.





JPN 全てのUGEARS STEM-labシリーズは自分で組み立て、 その動きを自分の目で確かめ、機械の原理が学べるガイド の役割をします。自分の手でカウンターを組み立てること で、その原理を深く理解できるようになります。ARアプリを 使うことで、学習の幅をより広げられます。完成したSTEMlabモデルをタブレットやスマホのアプリをかざして見ると、 たった今組み立てたモデルの実際の活用例が表示されま す。カウンターが生産ラインでどう使われるのかを様々な 角度から見たり、拡大・縮小して見ることが出来ます。

1 ENG Scan QR to download App JPN QRコードをスキャンしアプリを ダウンロードしてください。



ENG Point and align the image on the screen with the model JPN 完成したモ デルが画面に表示されるようにしてく



ENG Interact in AR JPN ARでお楽しみくだ さい。





ENG Enjoy our unlimited support! Should you have any questions about assembly, we are always here for you to suggest the best solution and provide the help you might need. Our 24/7 customer support service will accept and process your request promptly and professionally.

JPN 組立てやアプリの使い方に関してのご質問等ございましたら、い つでもお気軽にお問い合わせください。

お問合せはホームページ、もしくはE-mailにてお受付しております。

To get in touch with Ugears customer support service, use any of two easy and convenient ways:

1. Scan the QR-code.

Scan QR-code to go to the Web-page. Your model will be registered automatically. Enjoy unlimited service support of the model. Order details, get help with assembly, leave your feedback and comments, share your ideas and experience.



If you couldn't scan the QR-code or enter the customer support system, please, contact Ugears Engineering Customer Support via E-mail: customerservice@ugearsmodels.com



1. ホームページ https://ugearsmodels.jp

2. E-mail: info@jabez.jp

ENG Spare parts -

Your set will have spare parts marked with 🛑 on the boards and in the instruction manual. In case the detail you need has now spare option or you need an extra spare part, you can also request it using contacts offered above.

🛨 JPN 予備パーツ

製品には板と取扱説明書に (十) と表示されている予備パーツが含まれて おります。万が一こちらの予備パーツが足りない場合は上記のお問合せ 先までご連絡ください。

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. All moving parts can also be waxed during assembly to reduce friction when operating the model.



JPN 組立説明書:パーツを図のように板から取り外してください。取り外す際はパーツが割れないようにご注意ください。パーツがうまく取れない場合は、切れ目をカッターで切ってから取り外してください。動く全てのパーツはロウをこすり付けると摩擦が減り、よりスムーズに動きます。

Mechanical models

ENG Warning! JPN 注意!



ENG Do not use lit candle. Do not assemble near open fires or naked flames. **JPN** ロウは火を付けて使用しないでください。火気のあるところでは組み立てないでください。

ENG Symbols. **JPN** マーク



ENG Pay attention. Check position of the part. **JPN** パーツの位置や方向に十分に注意してください。



ENG Check the mechanism for smoothness and accuracy of movement. Operate the mechanism so the parts would seat-in.

JPNスムーズで正確に動いているかご確認ください。 動作確認をして、パーツが組み合っているかご確認



ENG Check size.
JPN サイズをご確認ください。



ENG Cut (rubber-band, thread, etc). **JPN** カットしてください。(輪ゴム、糸など)



ENG Wax the part with a regular candle (rub with a candle).

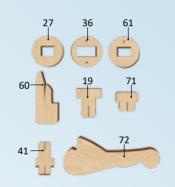
JPN パーツにロウをこすり付けてください。



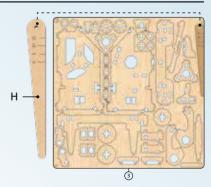


ENG Specified details come with spare duplicates. **JPN** このパーツは予備があります。



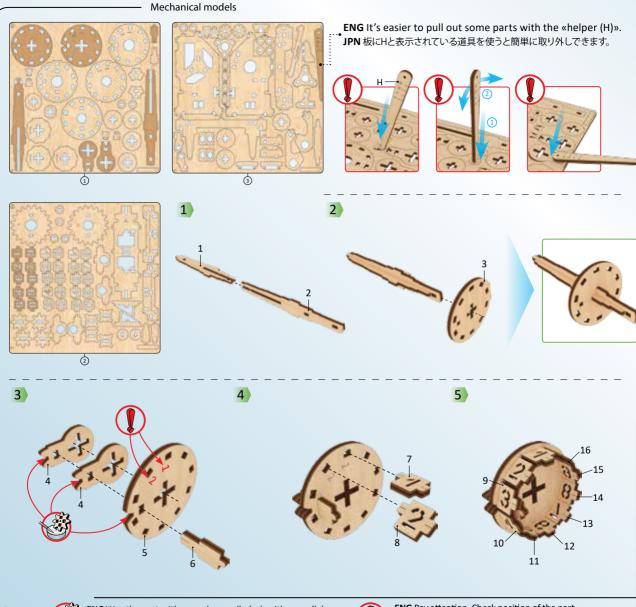






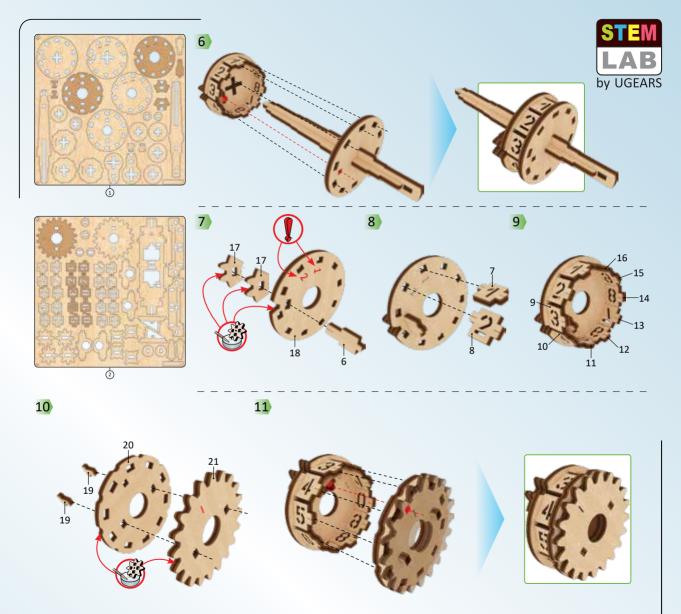
ENG This is not a structural component; it is a tool for measurement and assembly.

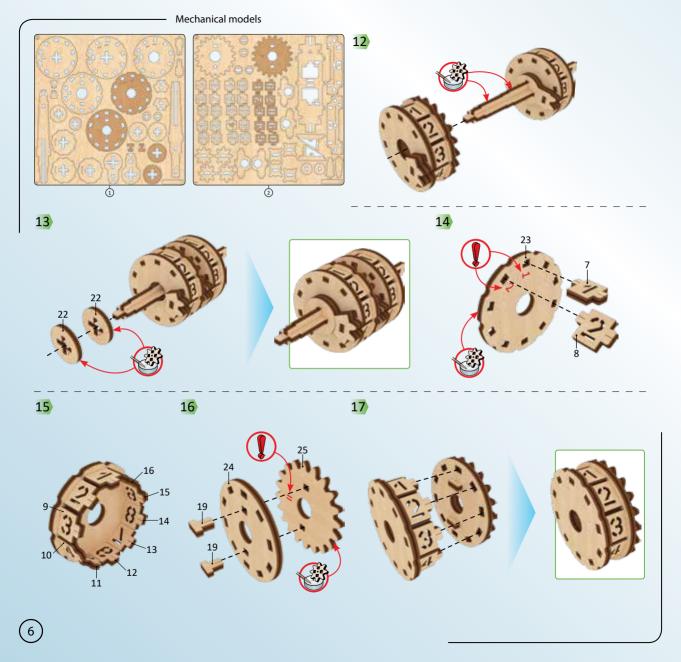
JPN これはパーツではなく、組み立てやサイズ測定のためのツールです。

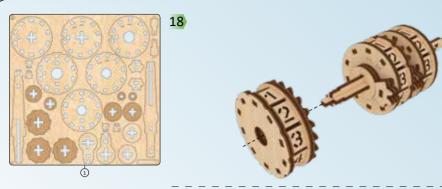




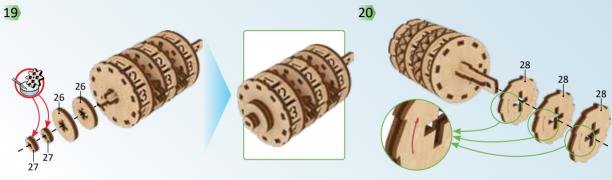




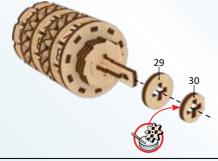




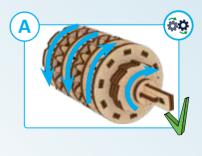




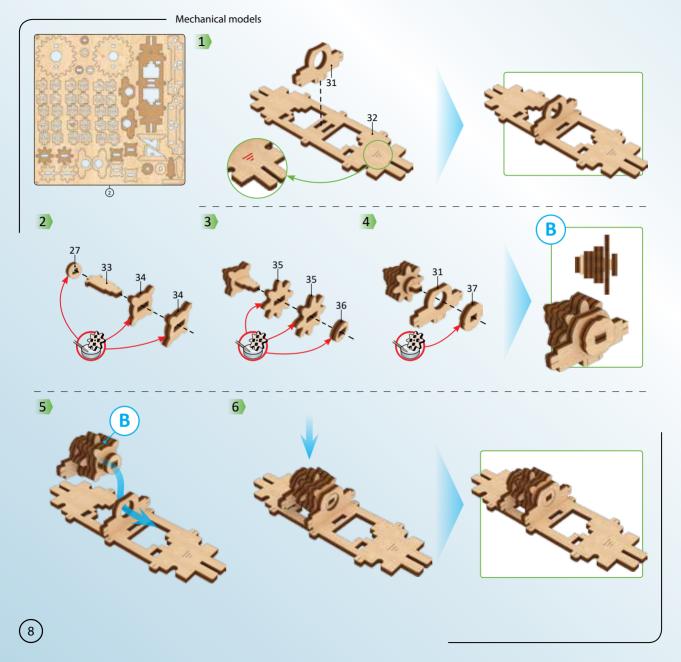


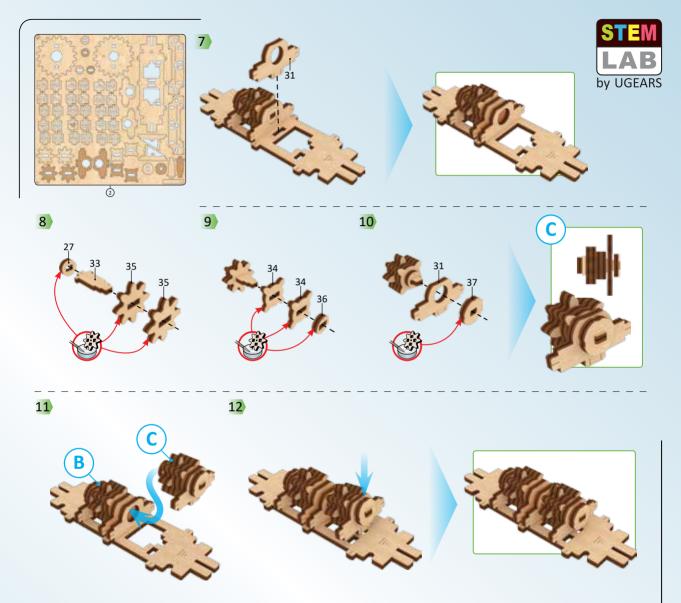


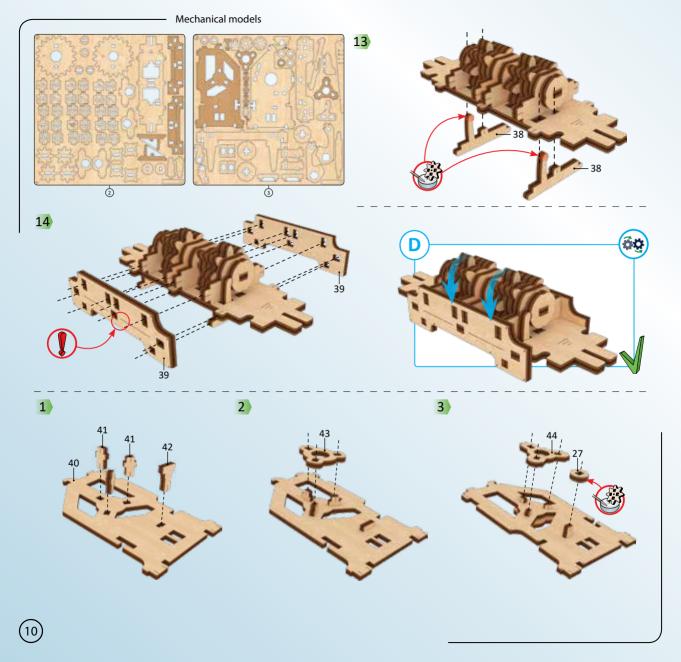


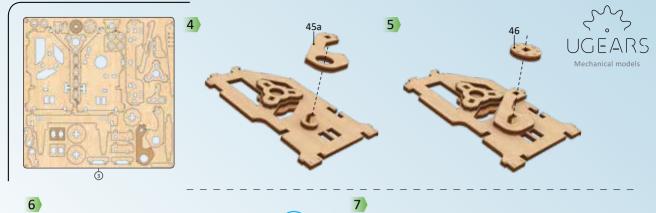




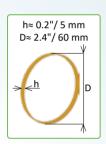


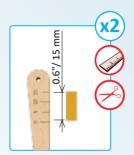






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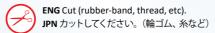


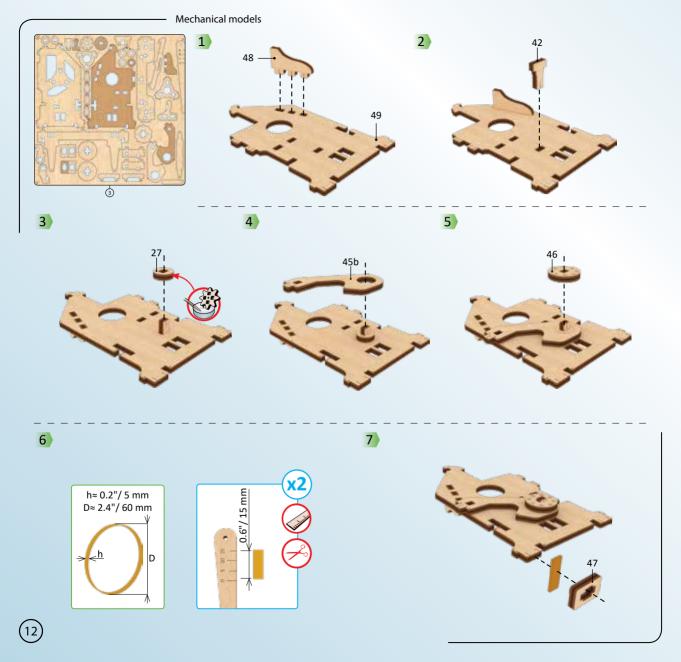


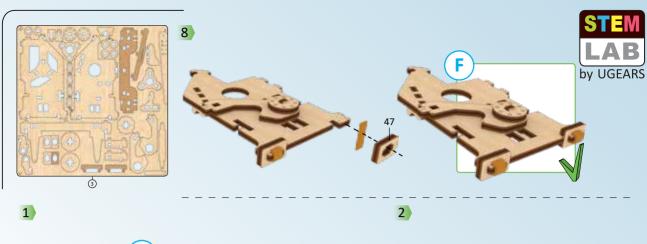
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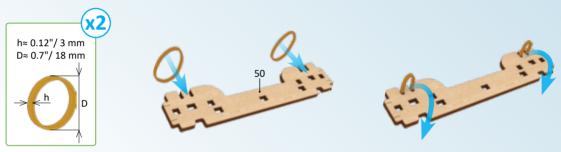


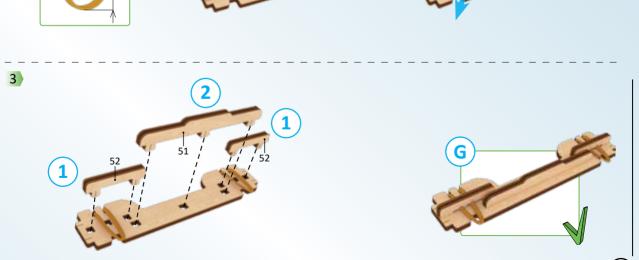


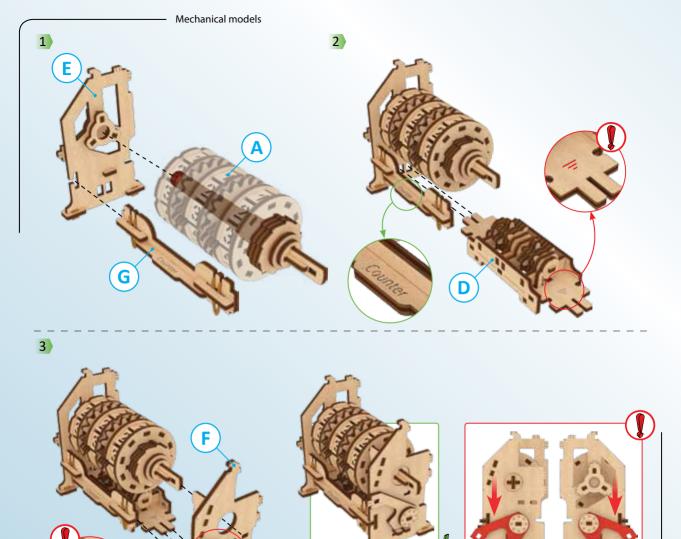


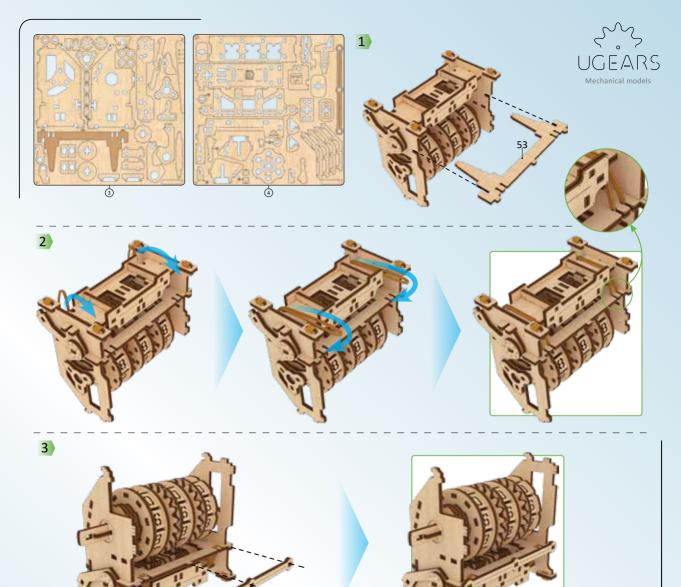


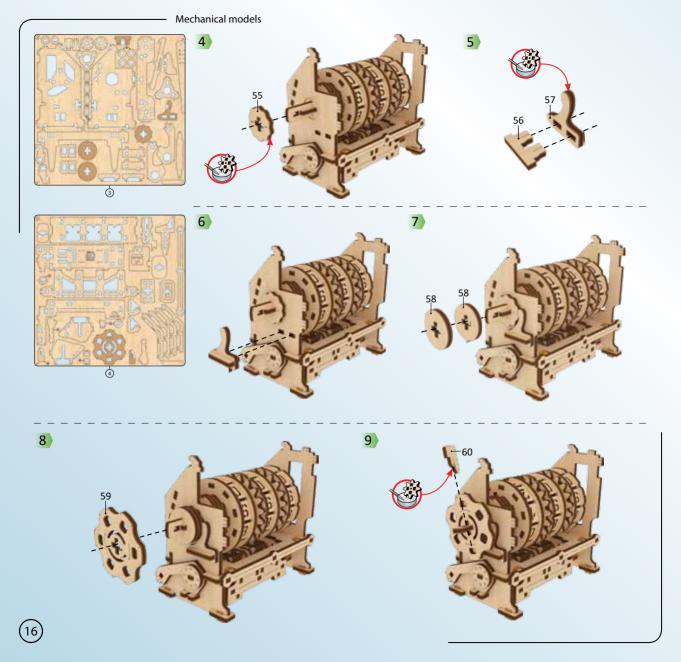


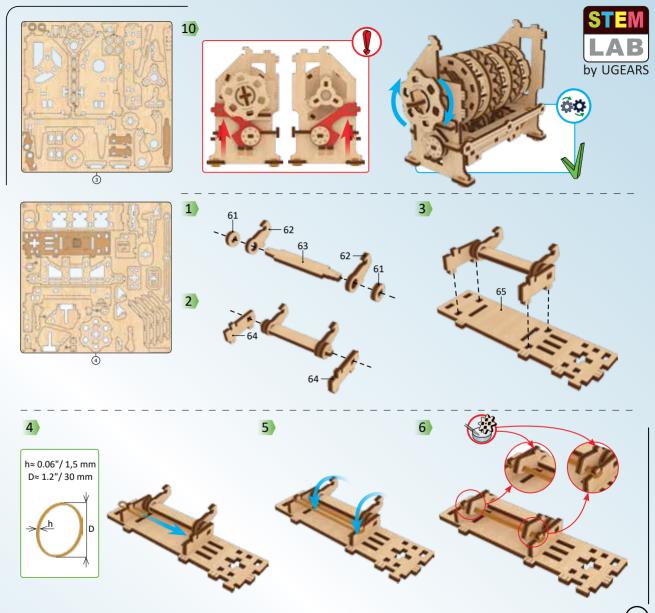


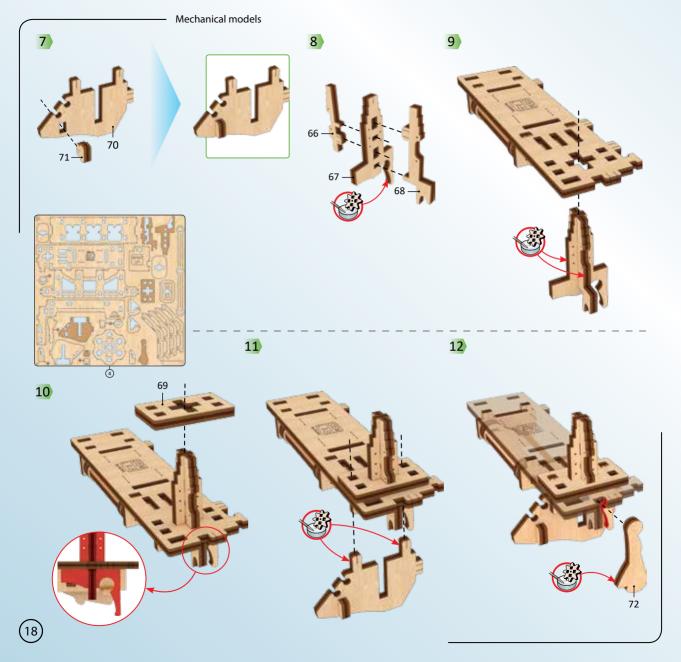


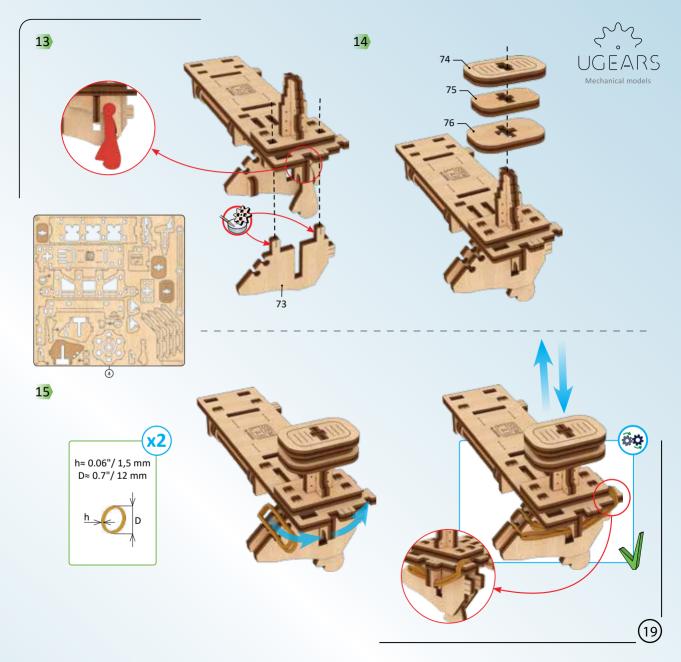




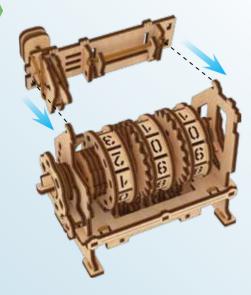




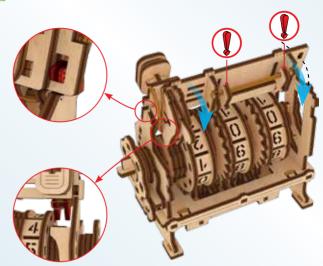






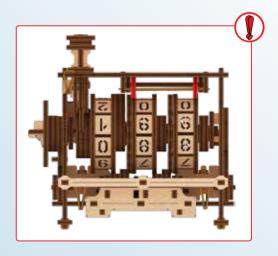


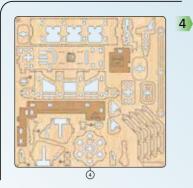


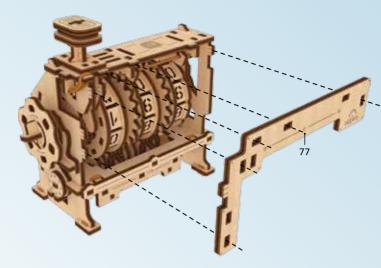






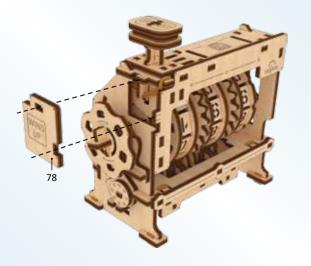




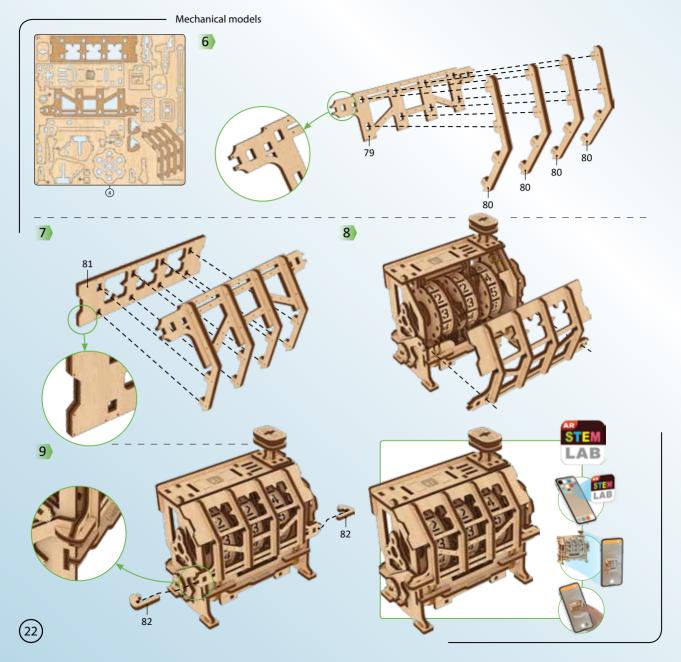












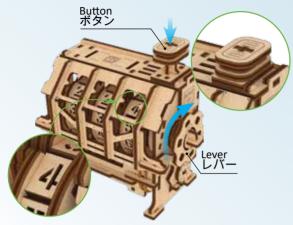
ENG How it works / JPN 動作の原理

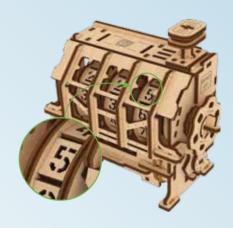
● ENG Using the counter / JPN カウンターの使い方

ENG Pressing the button or turning the lever makes the counter shift by one place.

JPN 上部のボタンを押すか、レバーを回すと数字が一つずつ上がります。

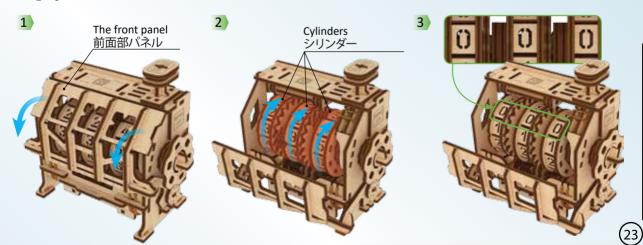






● ENG Reset / JPN リセット

ENG Open the front panel of the counter. Reset the counter readings by rotating the cylinders clock-wise. Close the cover. **JPN** カウンターの前面部にあるパネルを開けて、シリンダーを反時計回りに回してリセットしてからパネルを閉めてください。





ENG Thanks for following along on this journey with us. **JPN** ご購入いただきありがとうございます。

ENG Customer support: JPN お客様相談窓口 info@jabez.jp



Mechanical models

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