

ROBOTICS EXPLORER

Začnete svou cestu za robotikou !



Inovujte



Složení přísahy inovátora

Složte přísahu inovátora uvedenou na straně 6 a pochopte, co znamená být inovátorem.



Naučte se používat manuál

Postupujte podle podrobných pokynů v příručce a naučte se se stavebnicí stavět zajímavé roboty.



Sestavení, kódování a řízení

Sestavte inovativní projekty pomocí stavebnice a ovládejte roboty pomocí dálkového ovladače Remote Avishkaar a kódujte pomocí aplikace Avishkaar Maker Studio.

..... ➔ **Sdílejte** — — — — ➔

Vyhrajte



Připojte se k Let's Avishkaar

Připojte se k naší komunitě na FB - spojte se s inovátory a získejte nejnovější informace o webinářích.



Nahrajte projekty

Nahrajte projekty na www.avishkaar.cc a sdílejte je inovátory po celém světě.



Mezinárodní soutěže

Zúčastněte se týdenních, měsíčních a ročních soutěží a získejte slávu po celém světě.



Přísaha inovátora

Složte níže uvedený slib inovátora a zavažte se k celoživotnímu úsilí o inovace a řešení problémů. Sdílejte fotografii na FB komunitě Let's Avishkaar

Slavnostně přísahám, že když už jsem se vydal na cestu inovace, nevzdám se, dokud nebude moje inovace, můj projekt hotový. Budu zdokonalovat své dovednosti a nástroje a dobře je používat. Inovace a já budeme nerozluční.

Vždy budu sdílet své inovace s ostatními inovátory a učit se s nimi.

I (mapište své jméno)

solemnly swear that, since I am

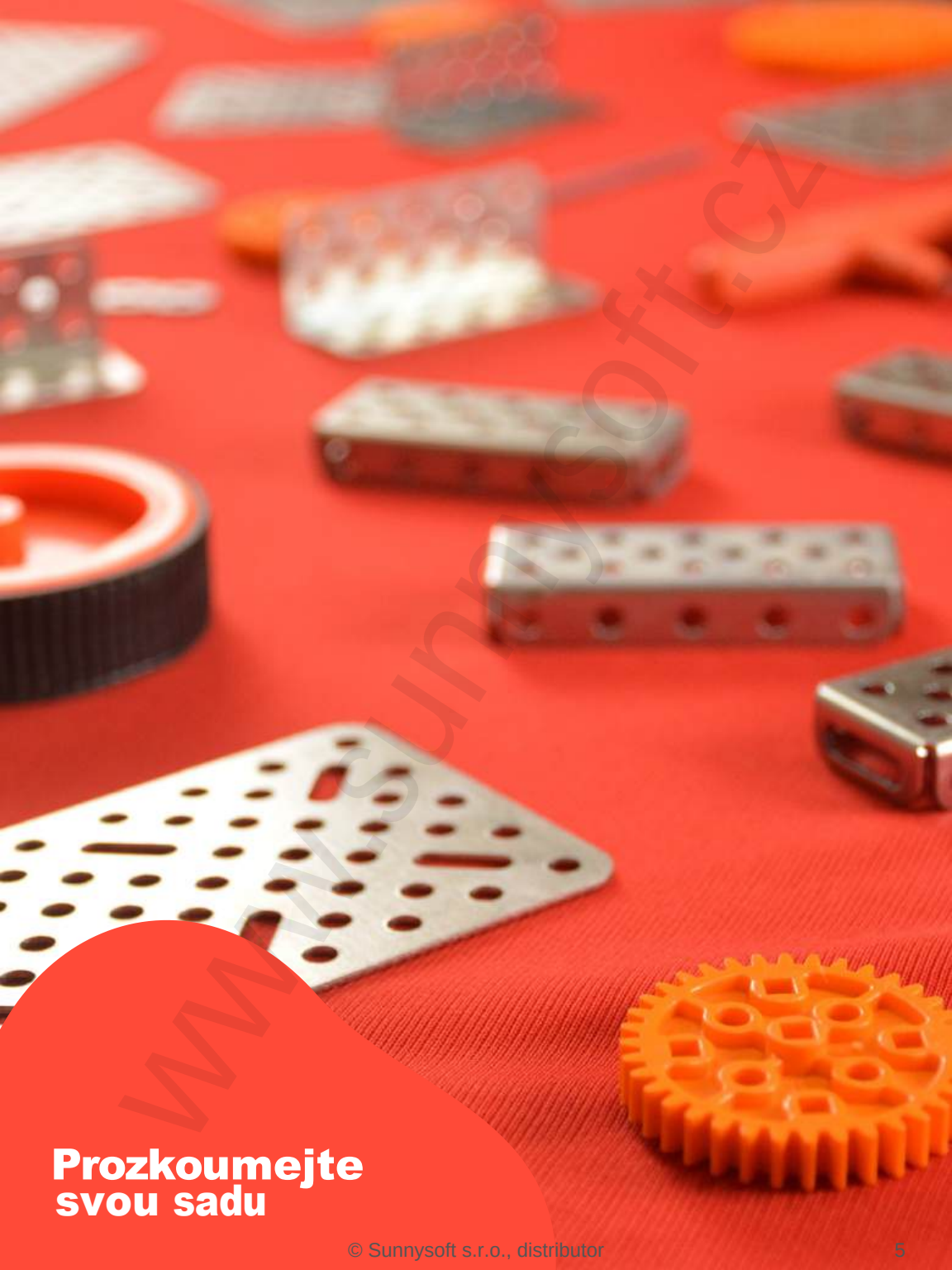
now on the path of innovation,

*I will not give up until my
innovation, my project is ready.*

*I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.*

*I will always share my
innovations with other
innovators and learn with them.*

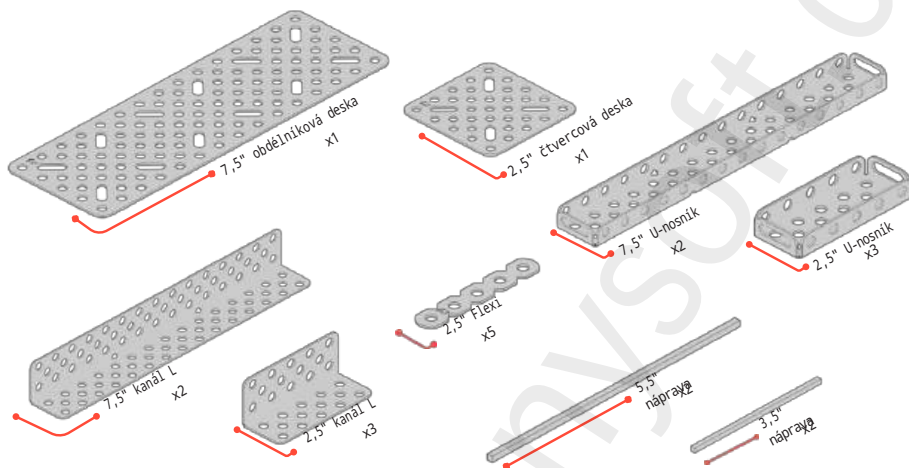
podpis



**Prozkoumejte
svou sadu**

Kontrola vybavení

Kovové díly



kola a převody



Malá kola x3



Velké ozubené kolo x1



Střední čelní ozubené kolo x2



Malé čelní ozubené kolo x1

Nástroje



šroubovák
x1



Plastový háček
x1



Klíč x1



Konektor s 3
otvory x5



Výplně
x11



Zámky náprav
x16



12mm šroub
x31



Matice
x31



Velké gumové
pásy
x2



Malé gumové pásy
x2

Základy stavění

Pochopme některé základy stavebnictví

Utahování šroubů



Utahování zámku nápravy



Utáhněte
(otáčejte ve směru
hodinových ručiček)



Uvolněte
(otáčejte proti směru
hodinových ručiček)

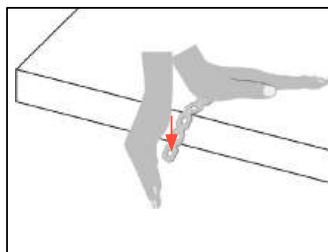
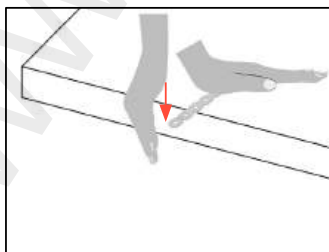


Utáhněte
(otáčejte ve směru
hodinových ručiček)

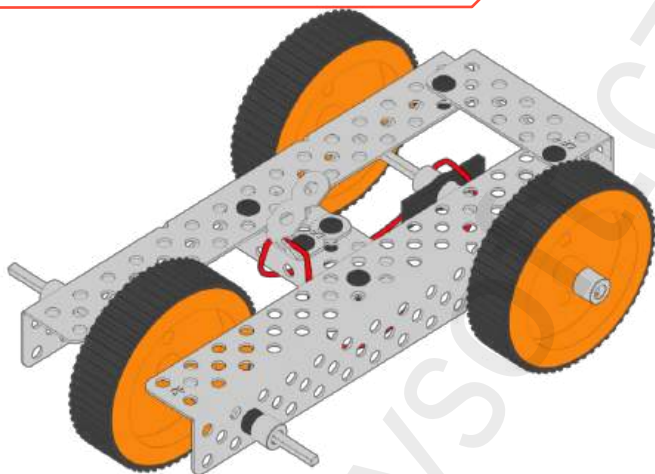


Uvolněte
(otáčejte proti směru
hodinových ručiček)

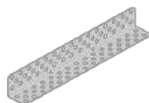
Flexi ohýbání



Projekt 1: **Auto**



Co budete potřebovat?



7.5"
L kanál
x2



2.5"
Kanál L
x 1



2.5"
Malý Flexi
x1



2.5"
U-nosník
x1



5,5" náprava
x2



výplně
x4



Zámek
nápravy x8



Konektory s
3 otvory x1



Malé kolo x3



Velký gumový pásek 1x

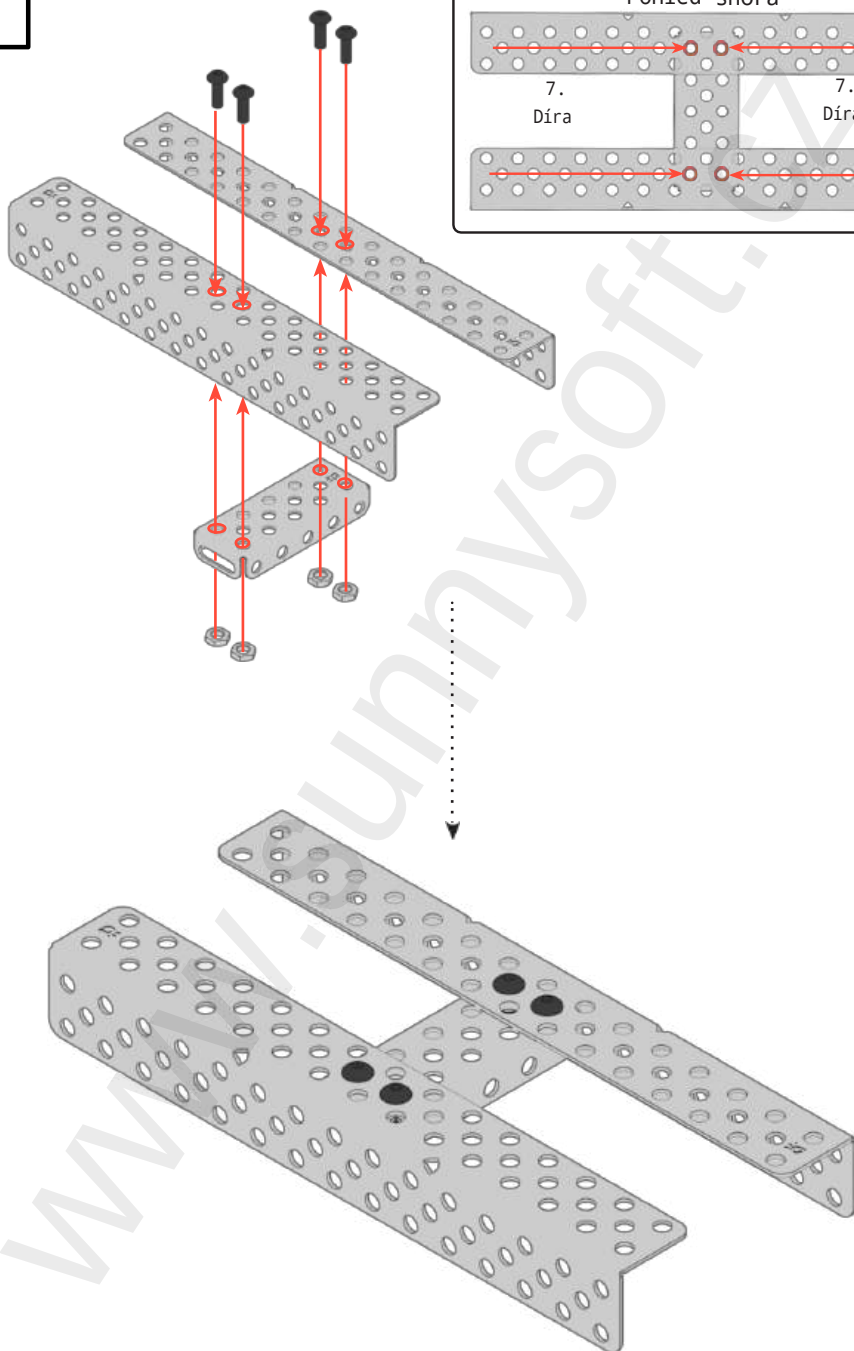


12mm šrouby
x8

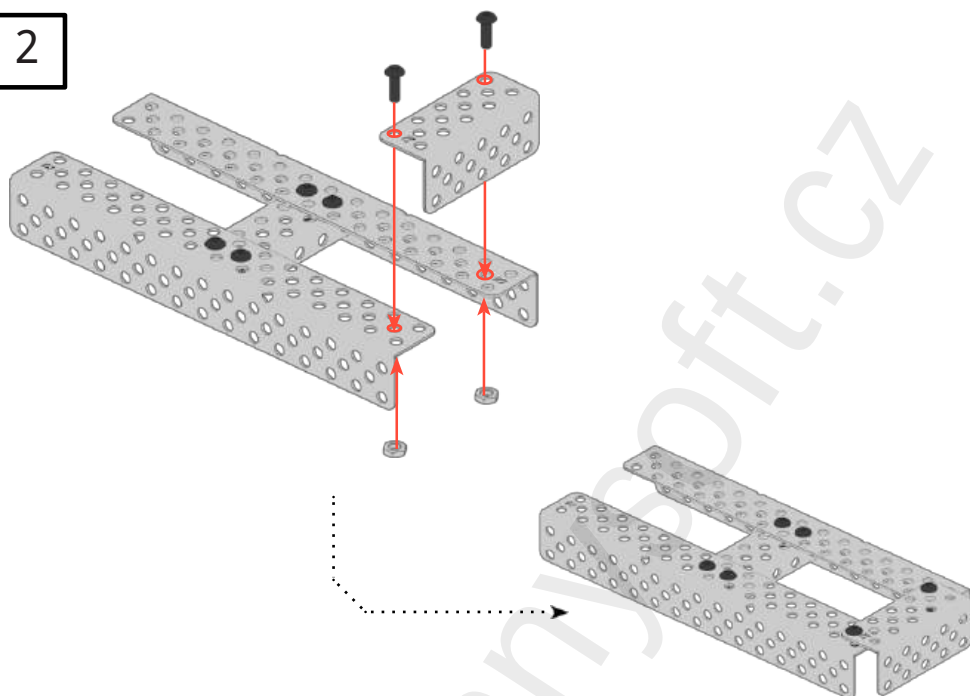


matice x8

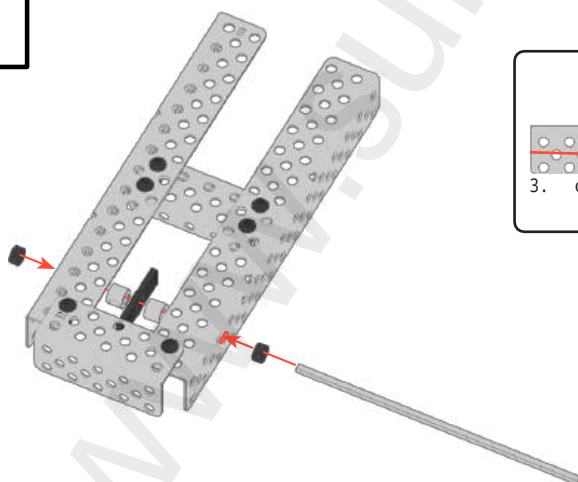
1



2



3



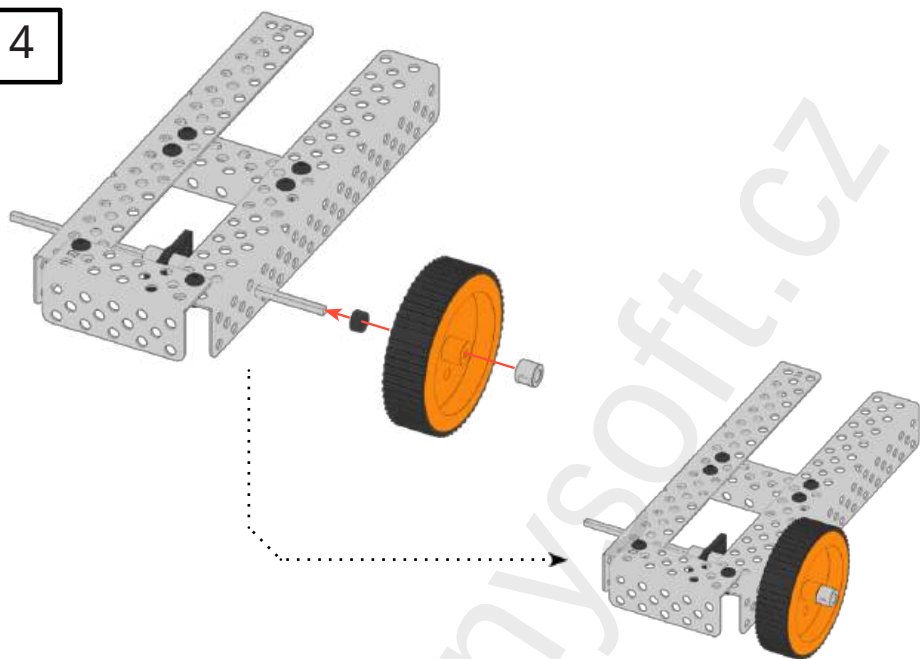
Boční pohled



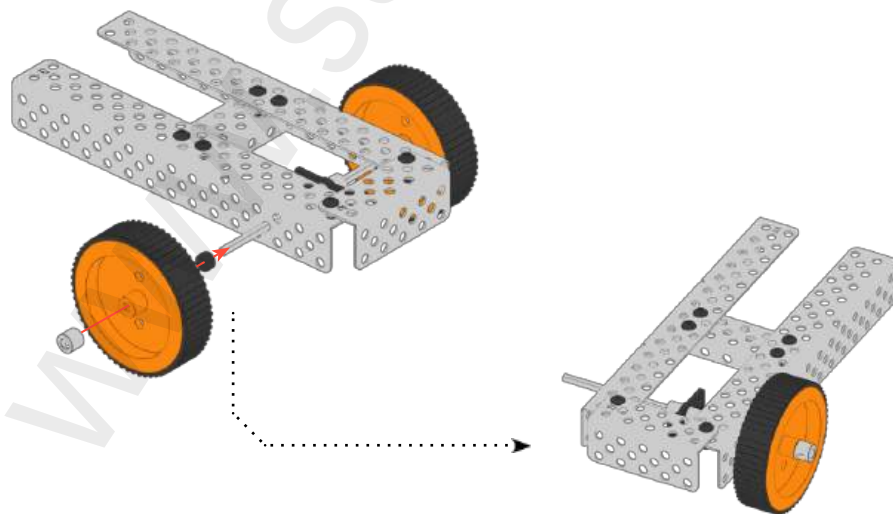
3. otvor

1:1 Náprava 5.5

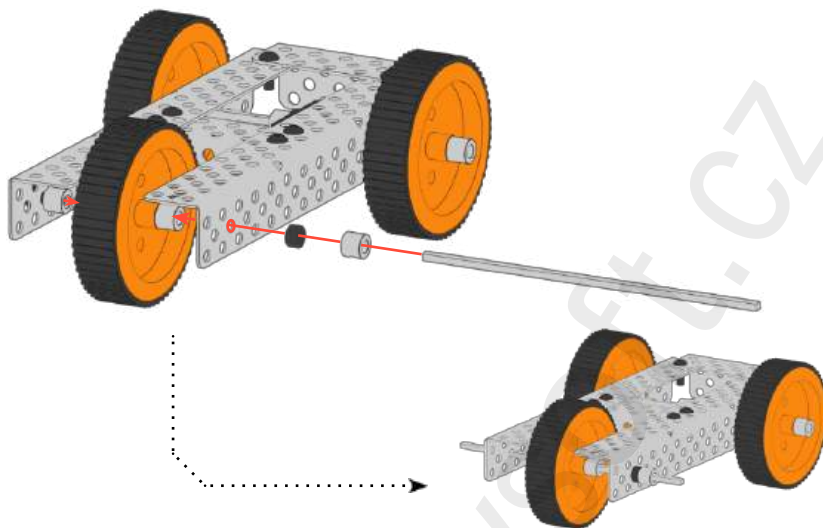
4



5



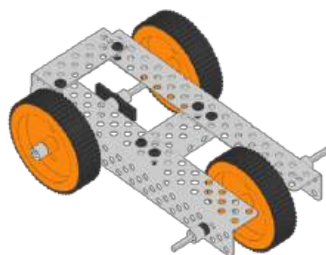
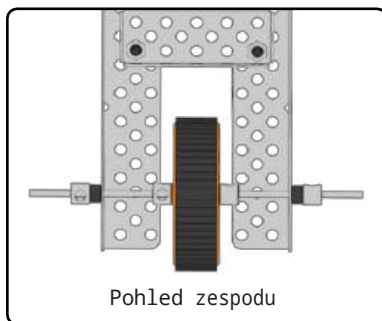
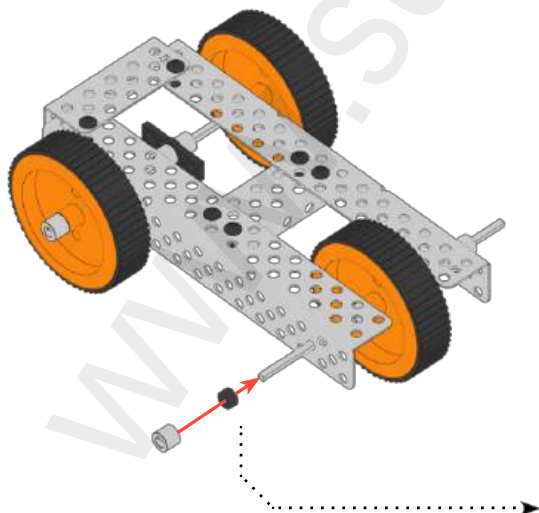
6



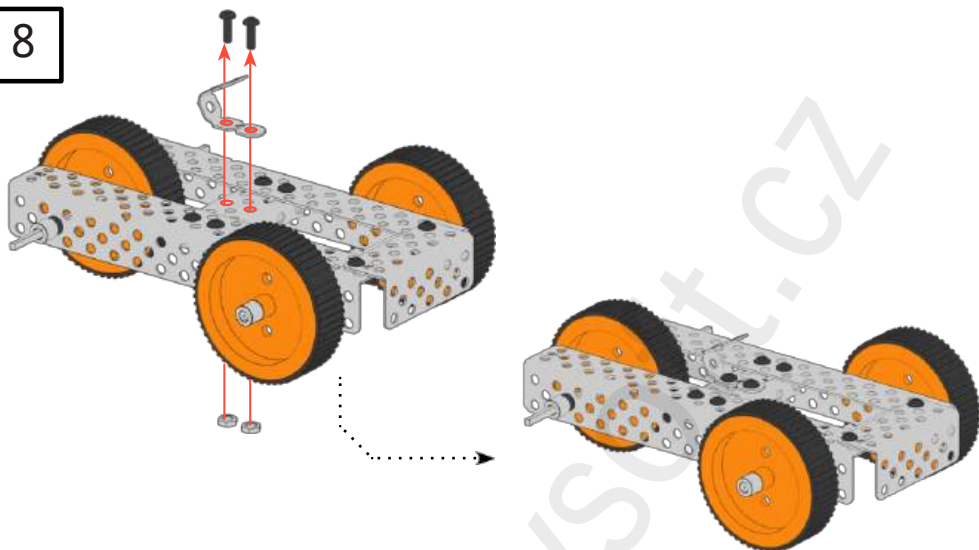
1:1 Náprava 5.5



7



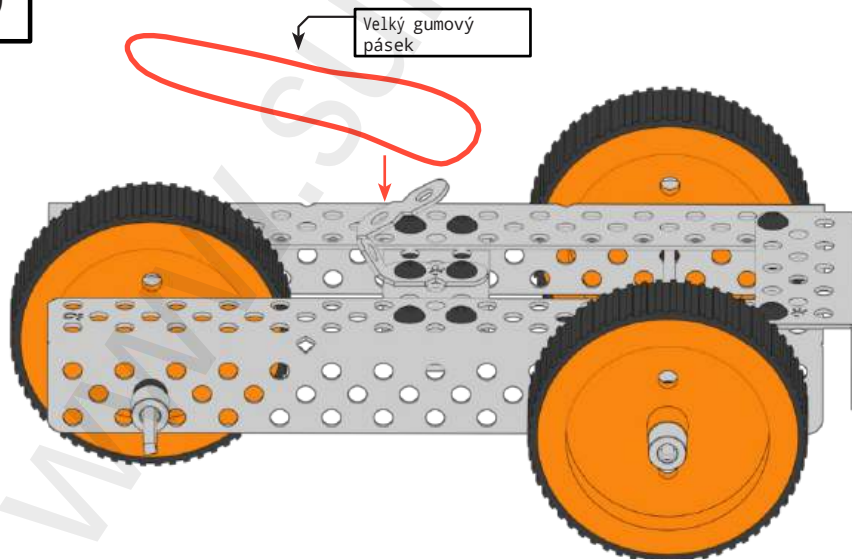
8

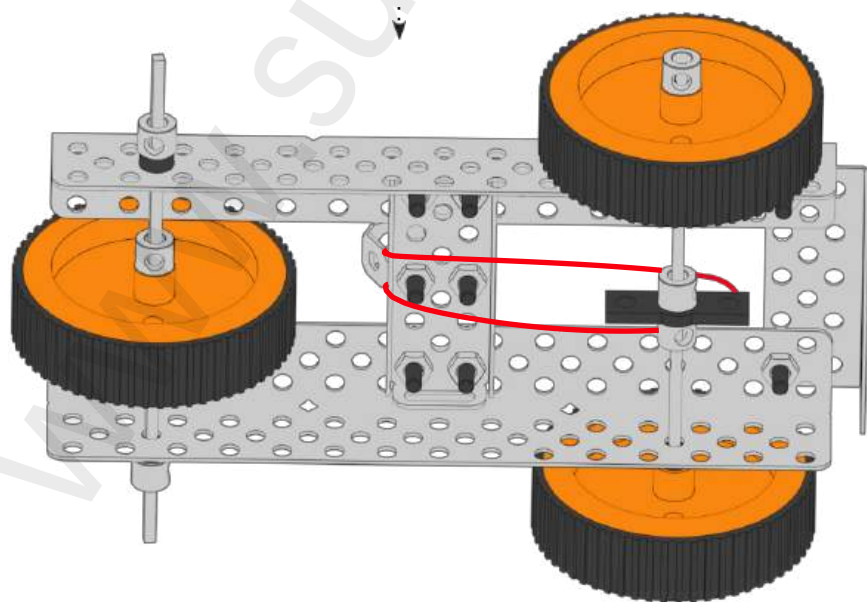
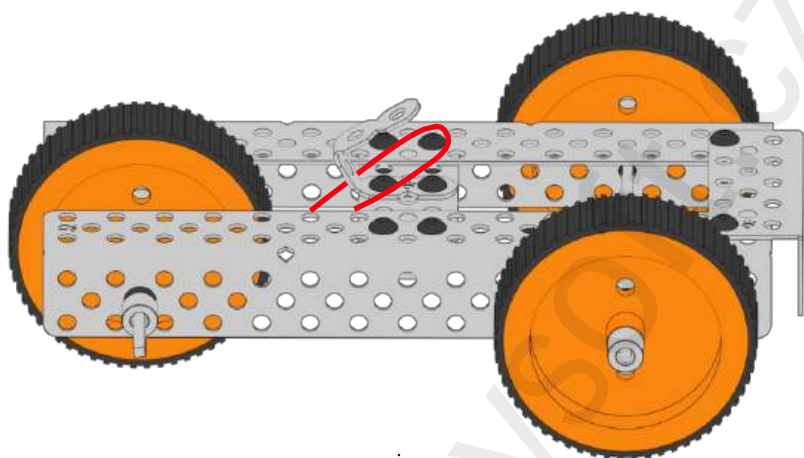
**Tip na sestavení**

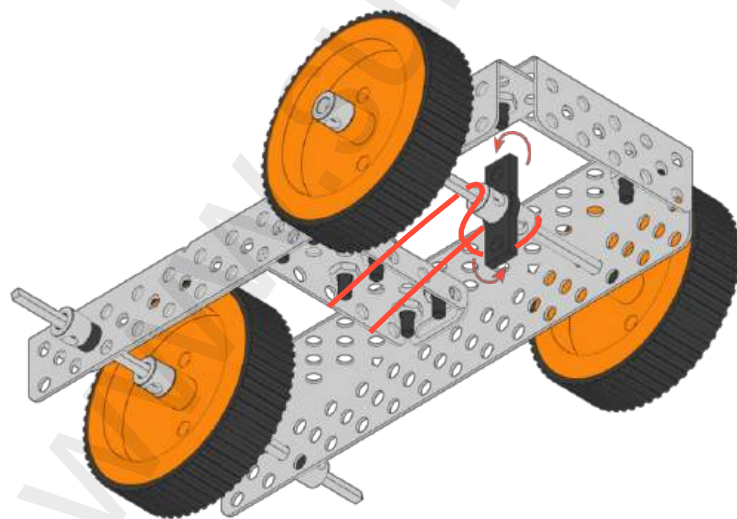
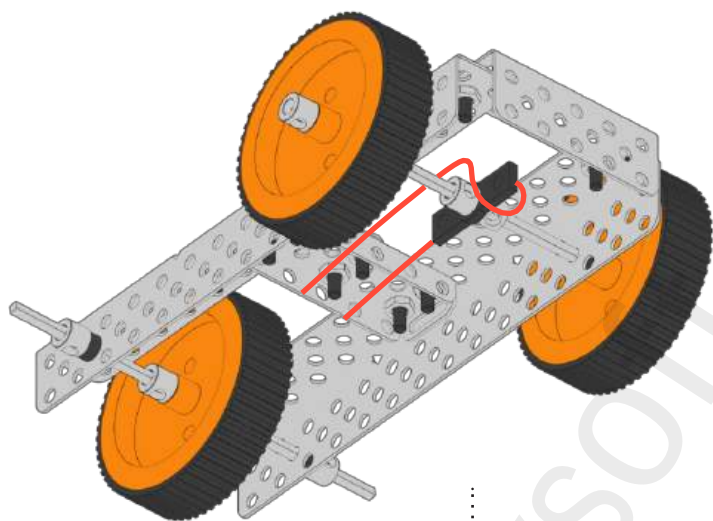
Informace naleznete o ohýbání flexivýše v návodu.



9

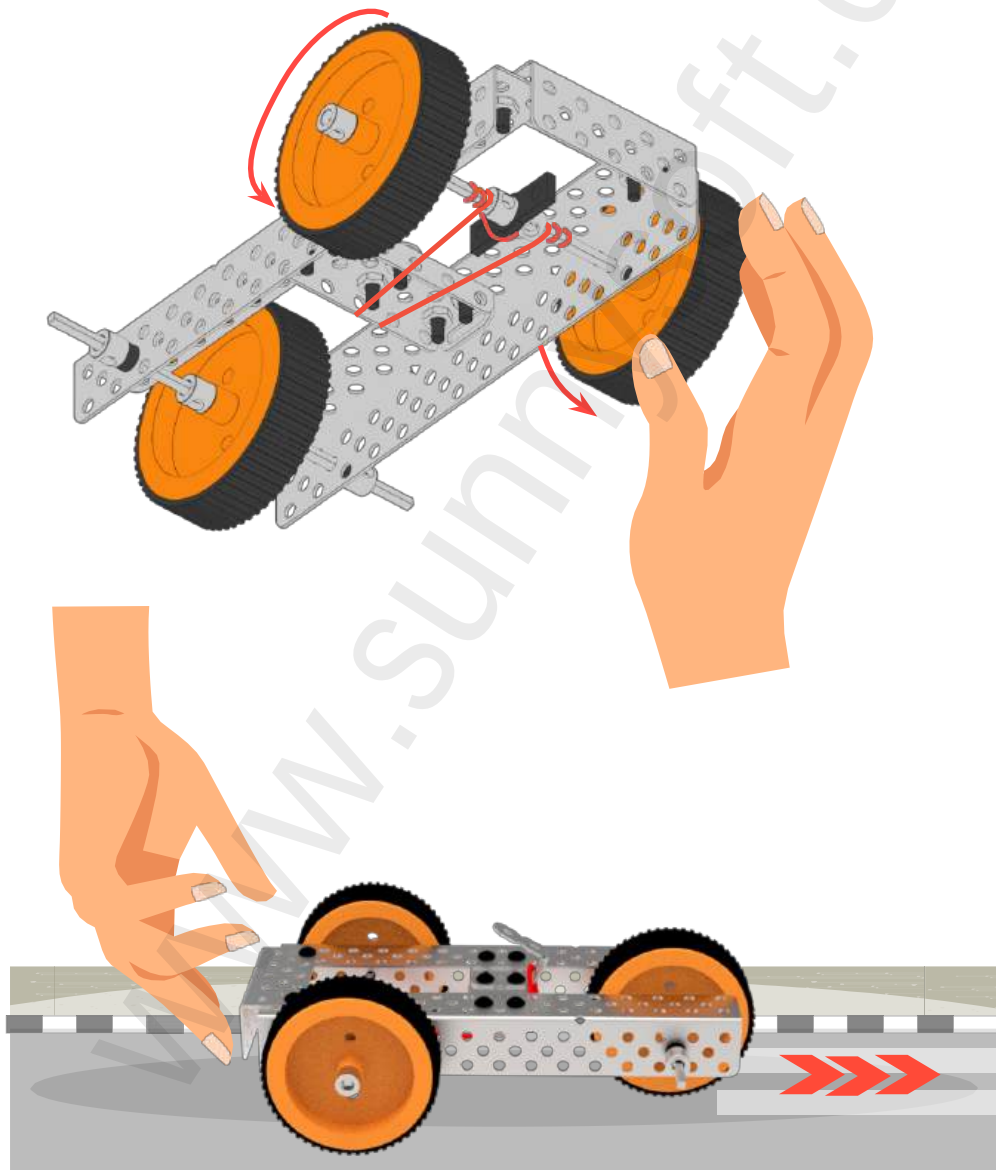




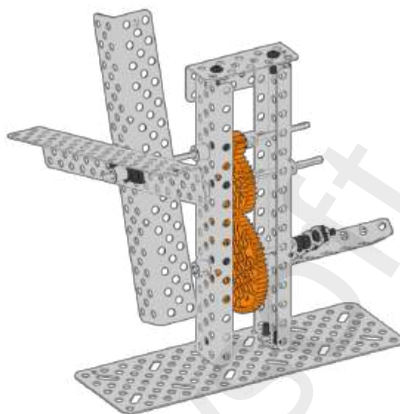


Jak si s autem hrát

- Pomocí koleček namotejte gumový pás na zadní nápravu.
- Otáčejte kolečkem proti směru hodinových ručiček.
- Držte gumičku a nápravu a položte podvozek na zem.



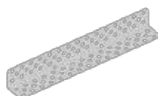
Projekt 2: Ventilátor



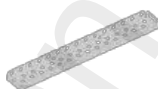
Co budete potřebovat?



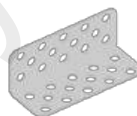
7.5"
Obdélníkový
Deska
x1



7.5"
L kanál
x2



7.5"
U-nosník
x2



2.5"
L kanál
x1



2.5"
Malý Flexi
x1



2.5"
U-nosník
x1



výplně
x11



Zámek nápravy
x10



Konektory s
3 otvory x2



5.5"
náprava x1



3.5"
náprava
x2



Velké
čelníozubené
kolo x1



Střední čelní
ozubené kolo
x1



Malé čelní
ozubené kolo
x1

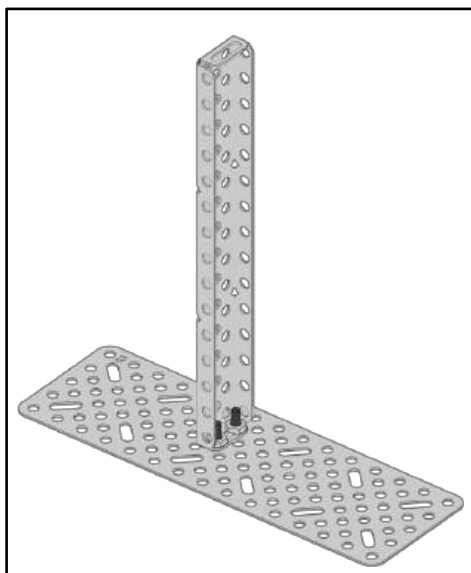
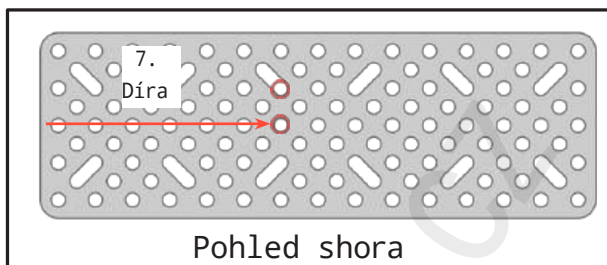
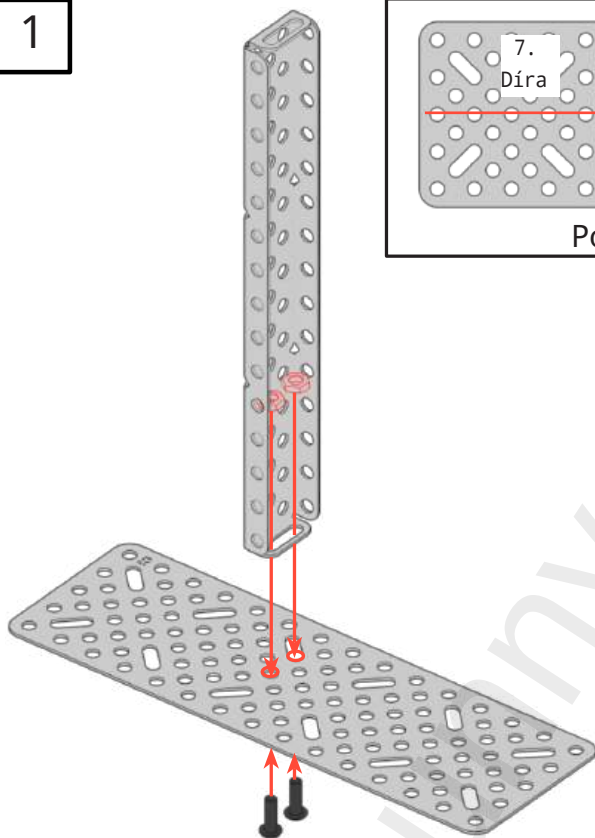


12mm šrouby
x14

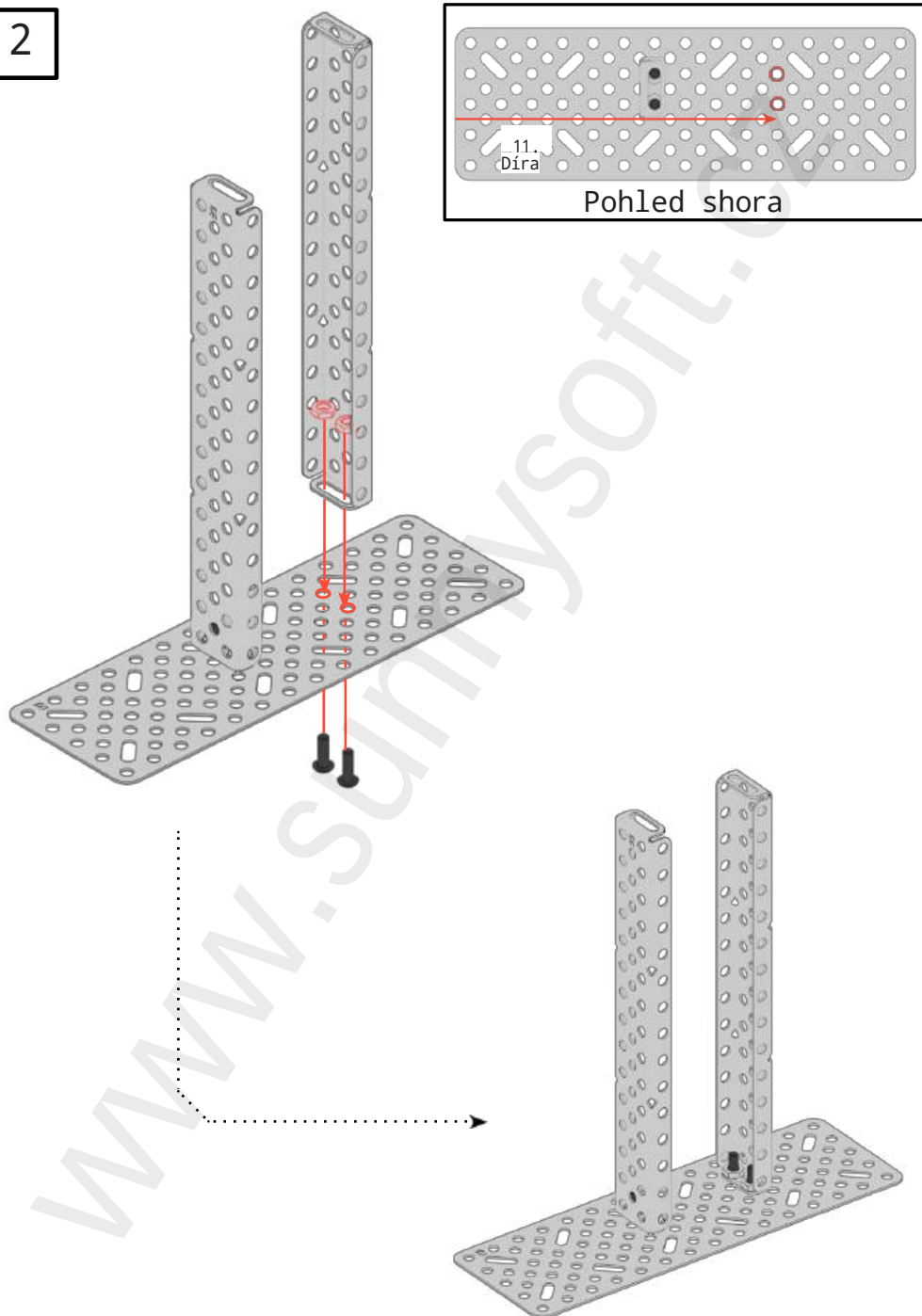


matice
x14

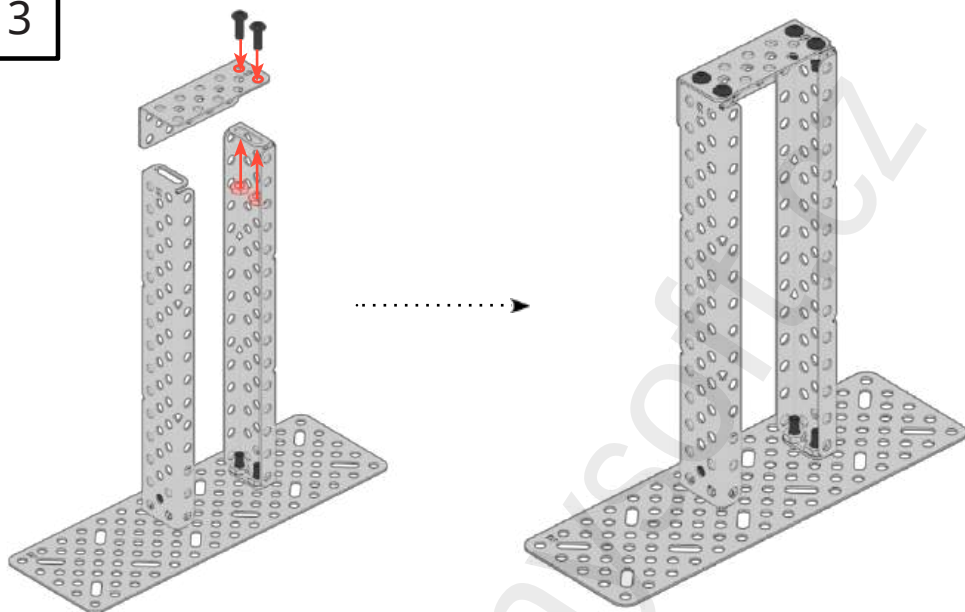
1



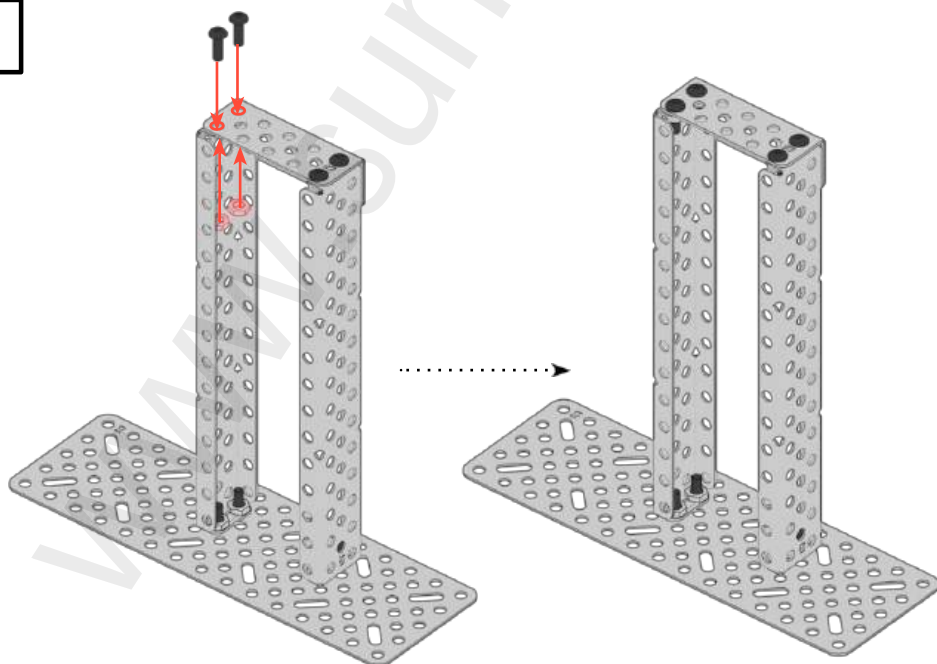
2

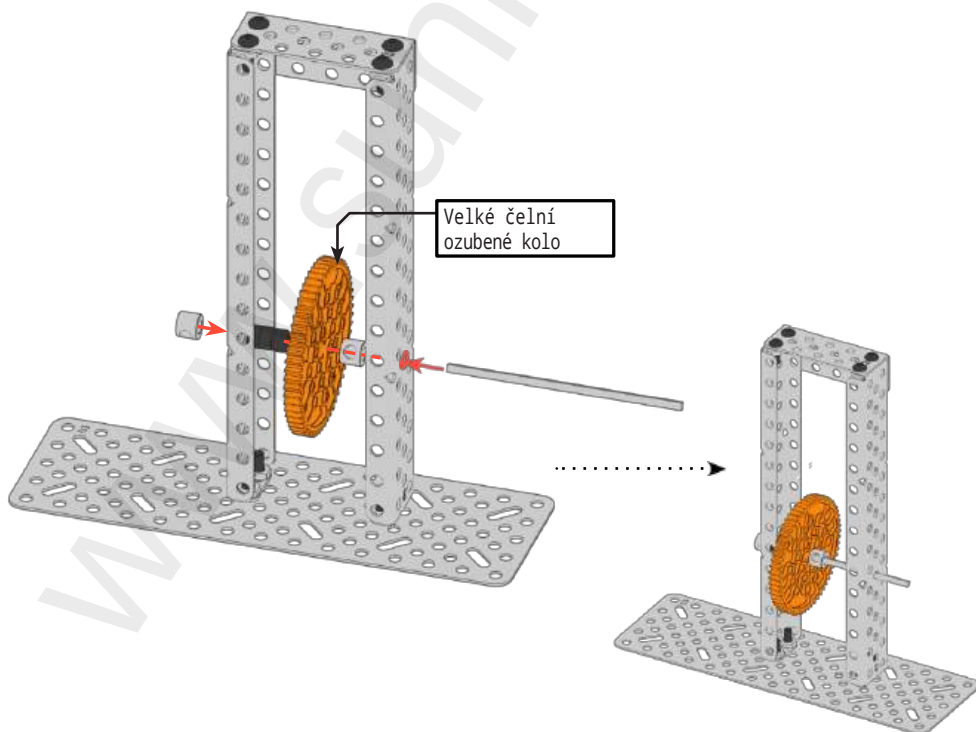
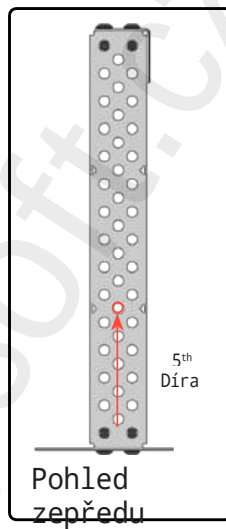
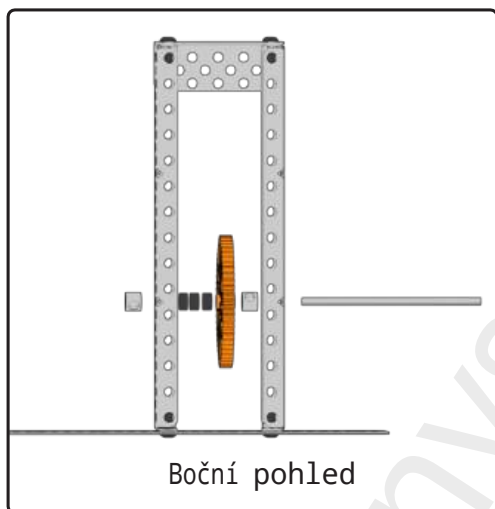


3

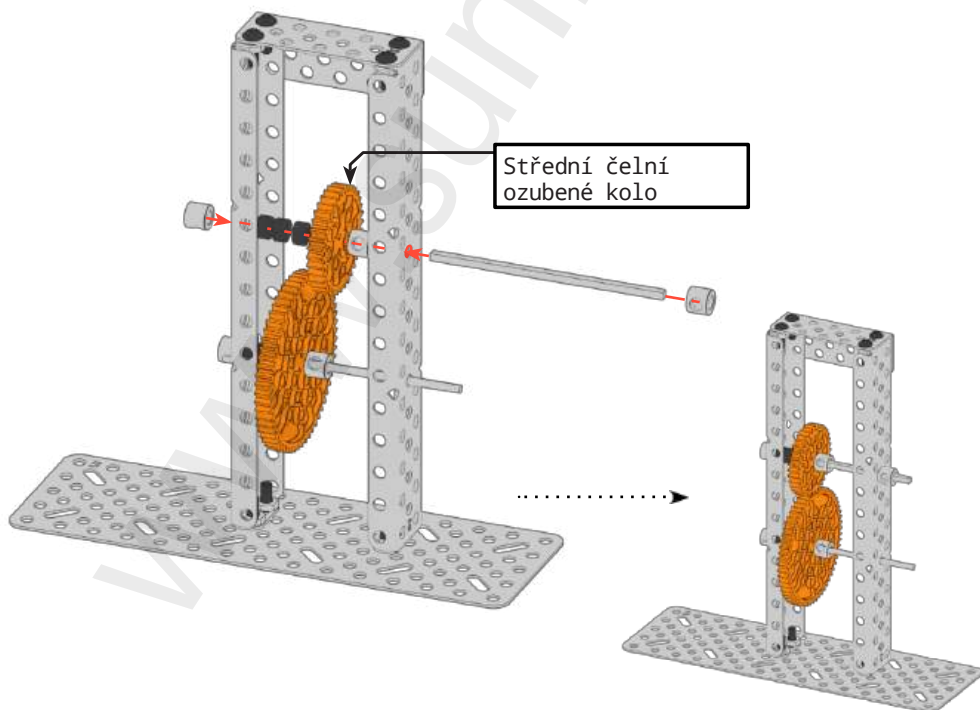
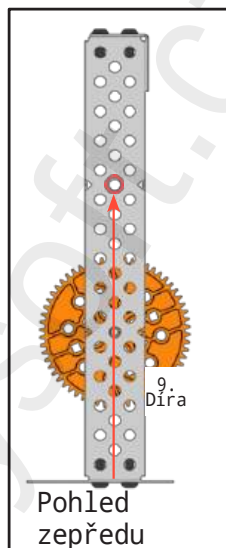


4

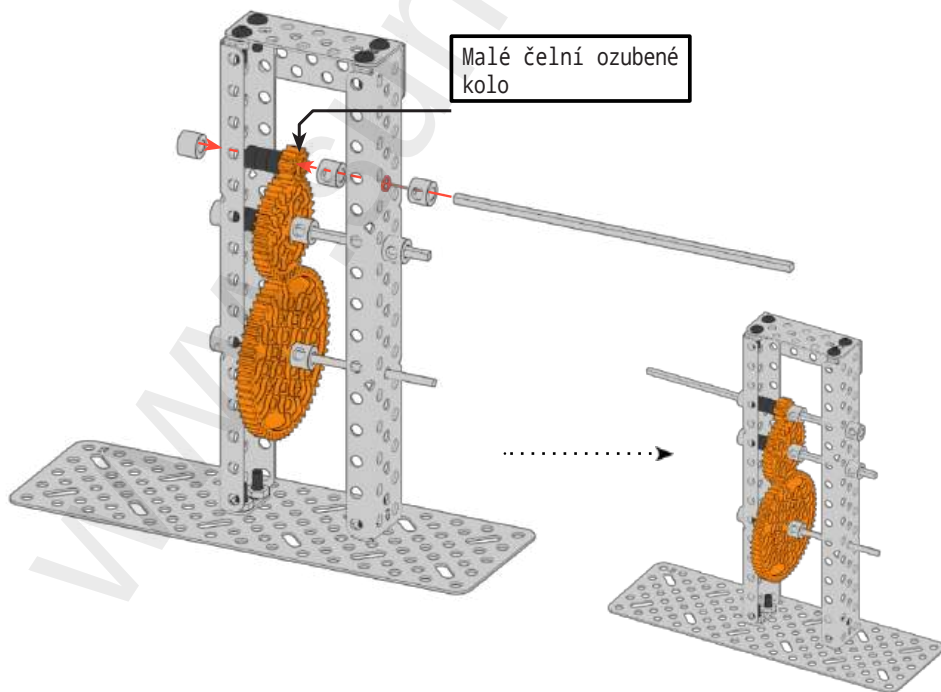
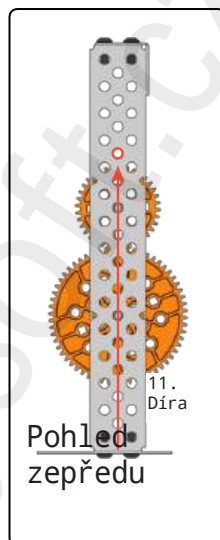
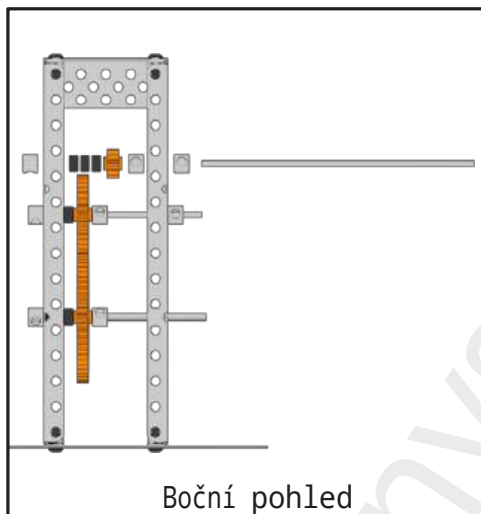




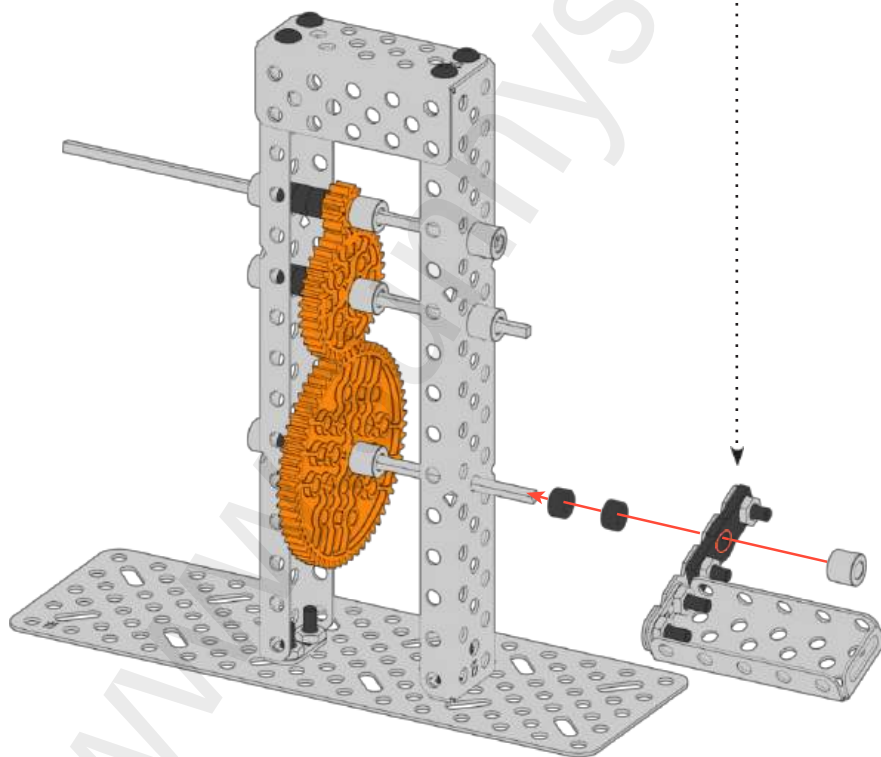
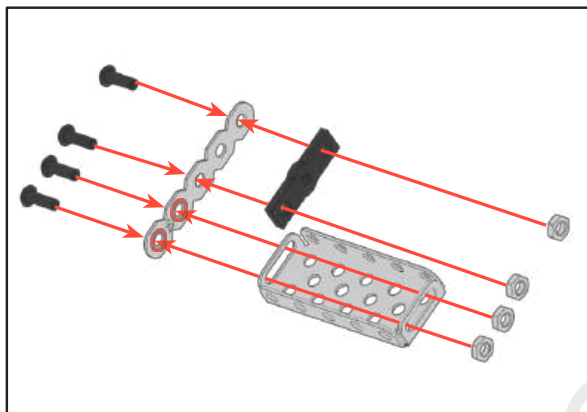
Náprava 1:1 3,5



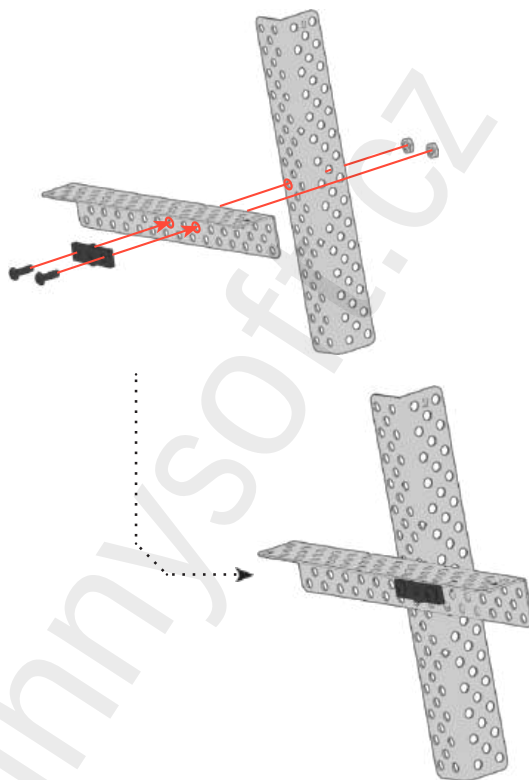
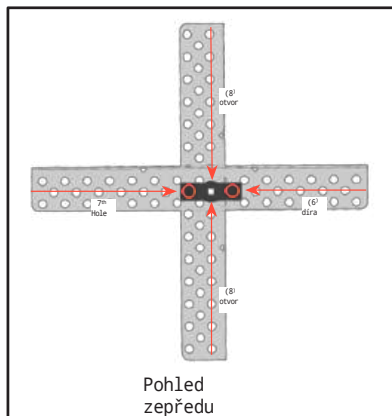
7



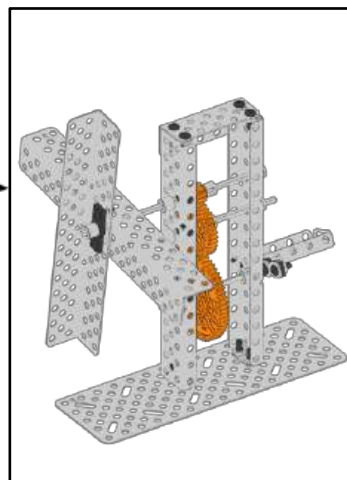
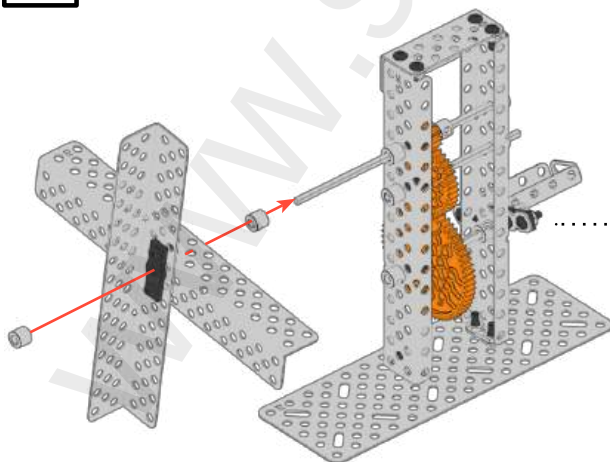
8



9

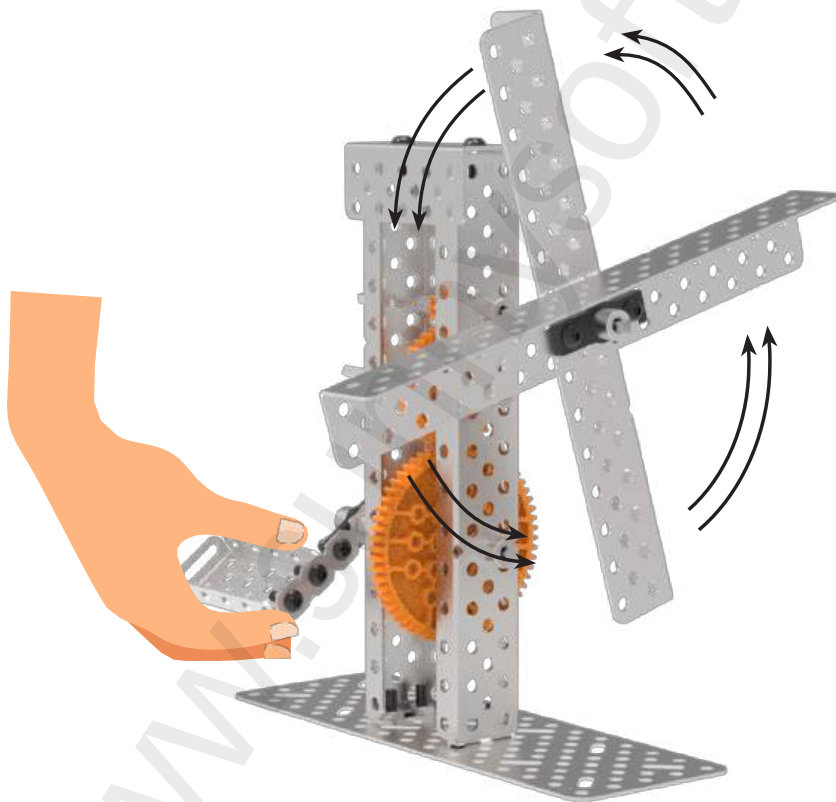


10

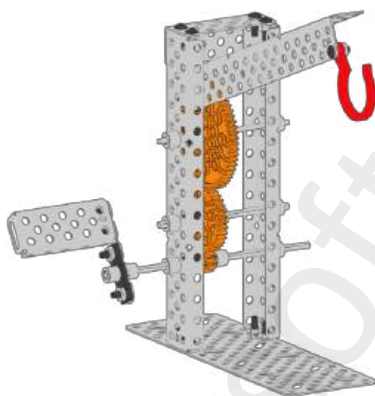


Jak si s ventilátorem hrát

- Pomocí páky/rukojeti otáčejte ventilátorem.



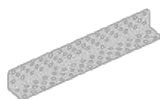
Projekt 3: Jeřáb



Co budete potřebovat



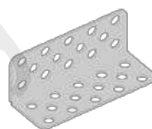
7.5"
Obdélníková deska
x1



7.5"
Kanál L x1



7.5"
U-nosník
x2



2.5"
Kanál L x1



2.5"
Malý Flexi x1



2.5"
U-nosník
x1



5,5" náprava
x1



3,5"
náprava
x2



Konektory s
3 otvory x1



Velké čelní
ozubené kolo x1



Střední čelní
ozubené kolo
x1



Malé čelní
ozubené kolo x1



Zámek nápravy
x11



výpíně
x9



Ořechy
x15

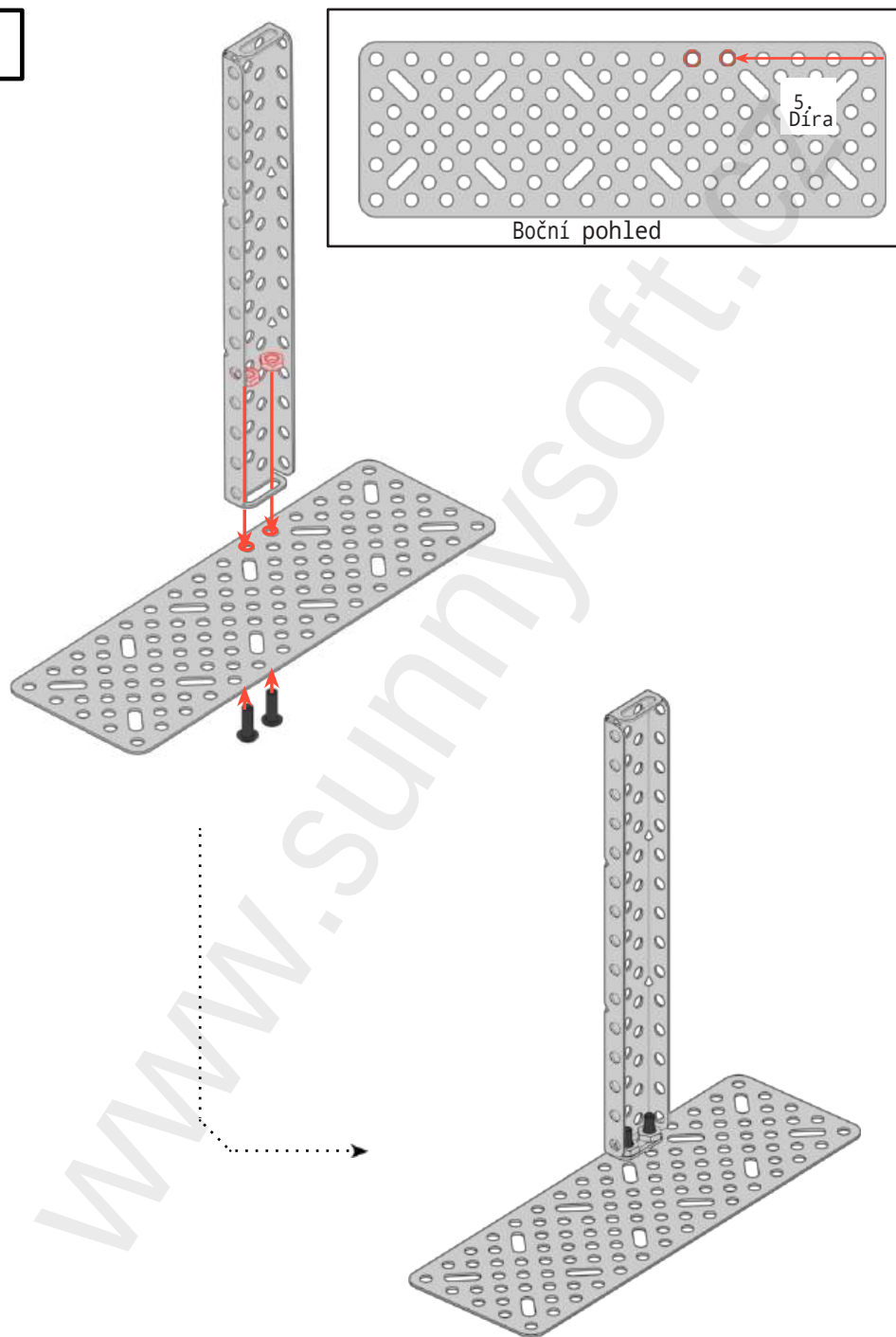


12mm šrouby
x15

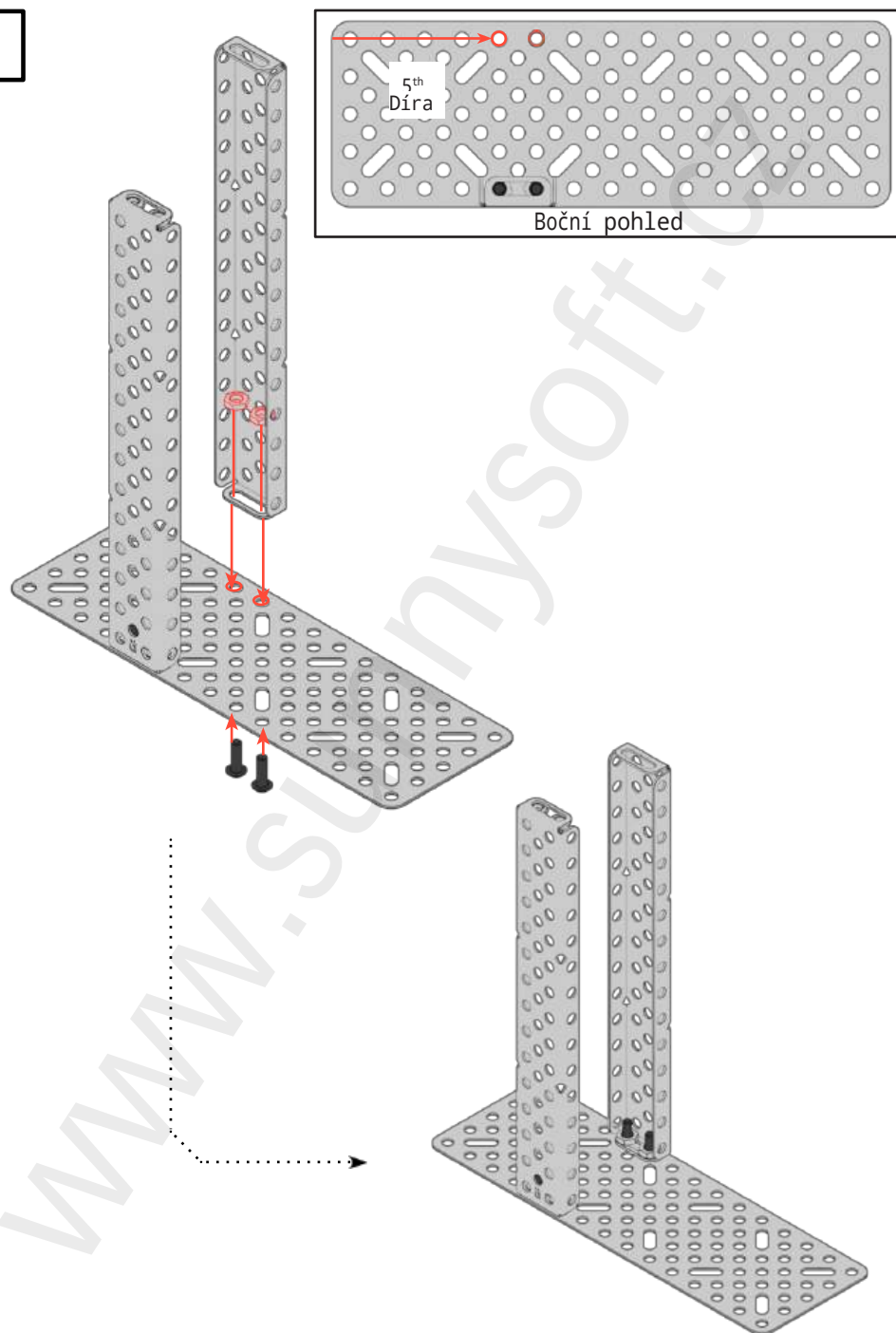


Plastový háček
x1

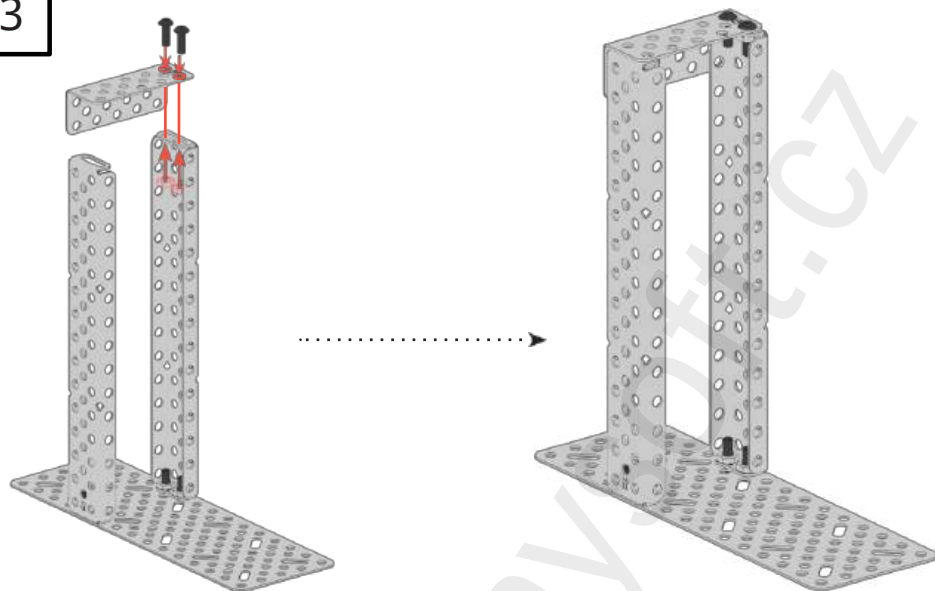
1



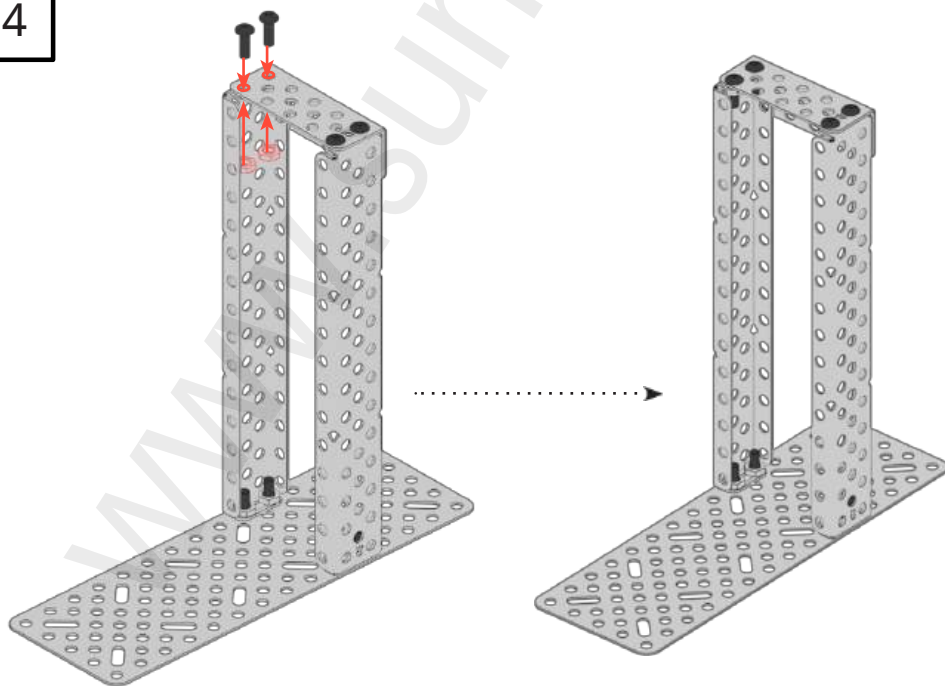
2



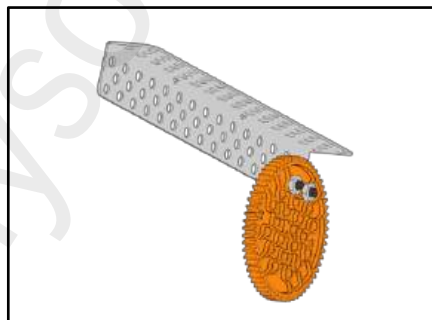
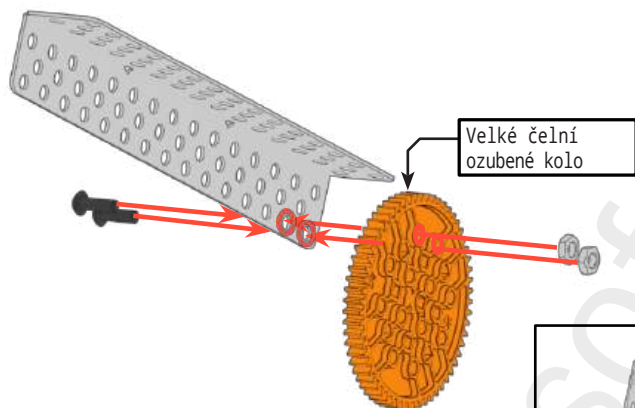
3



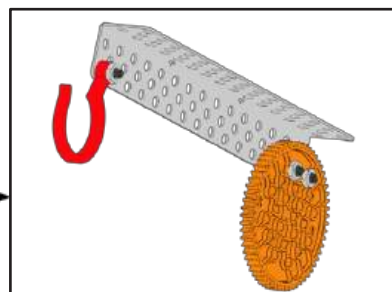
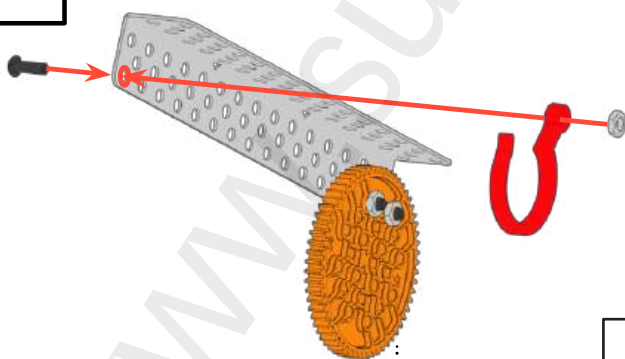
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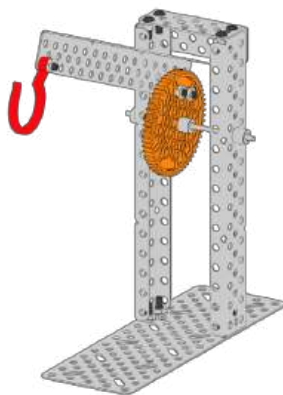
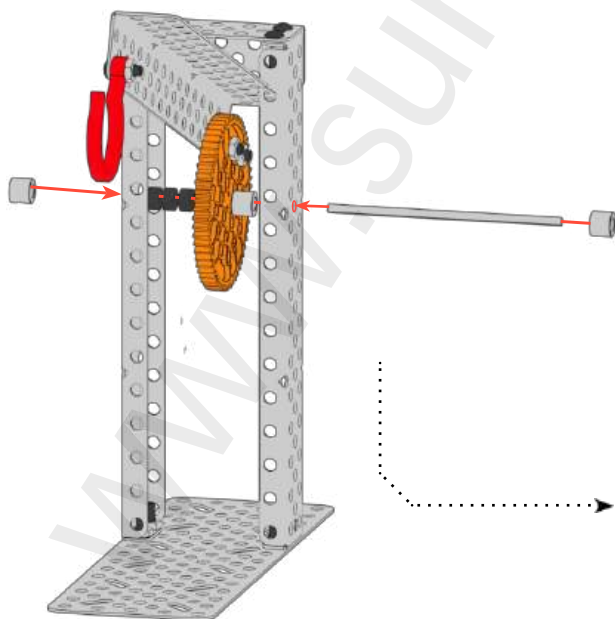
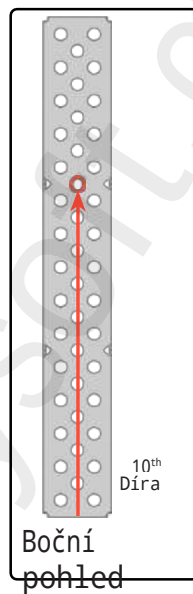
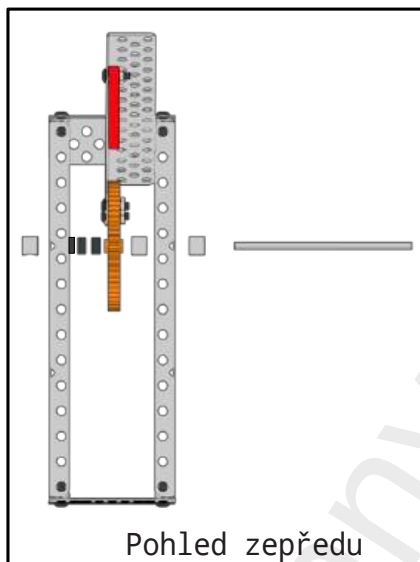


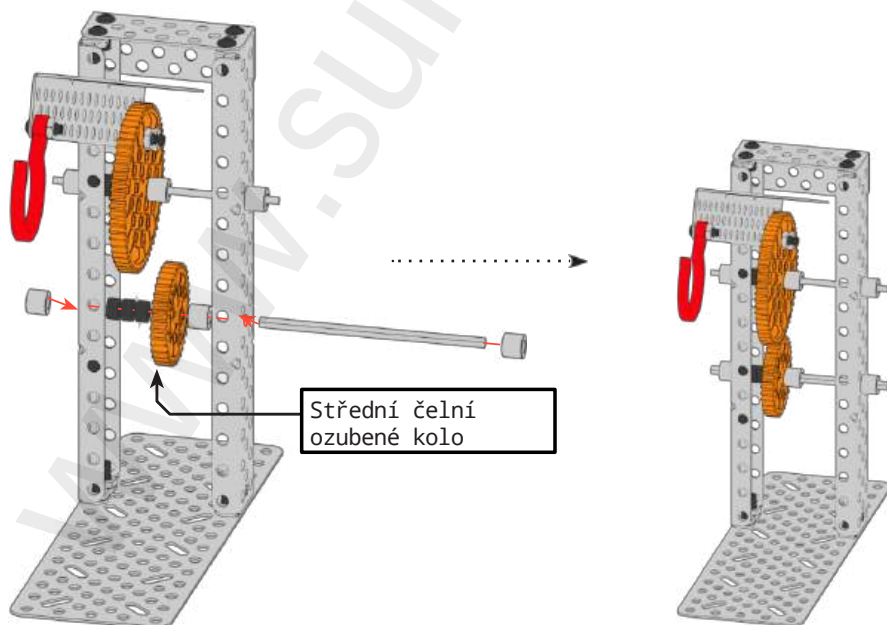
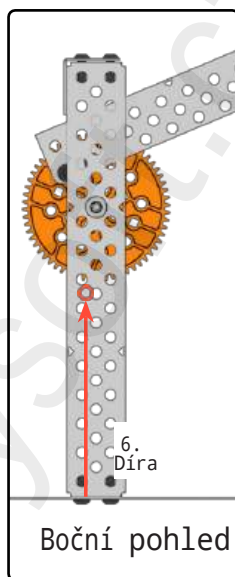
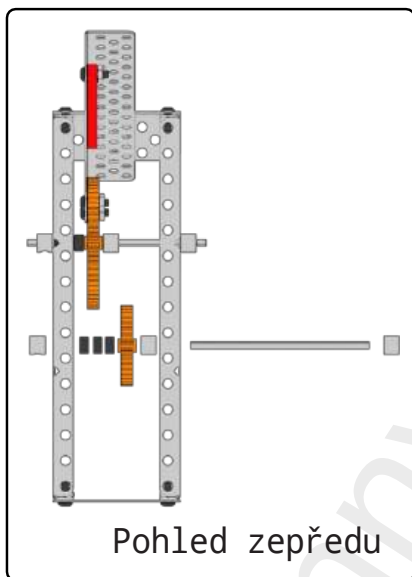
5



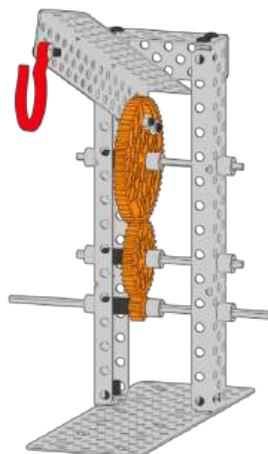
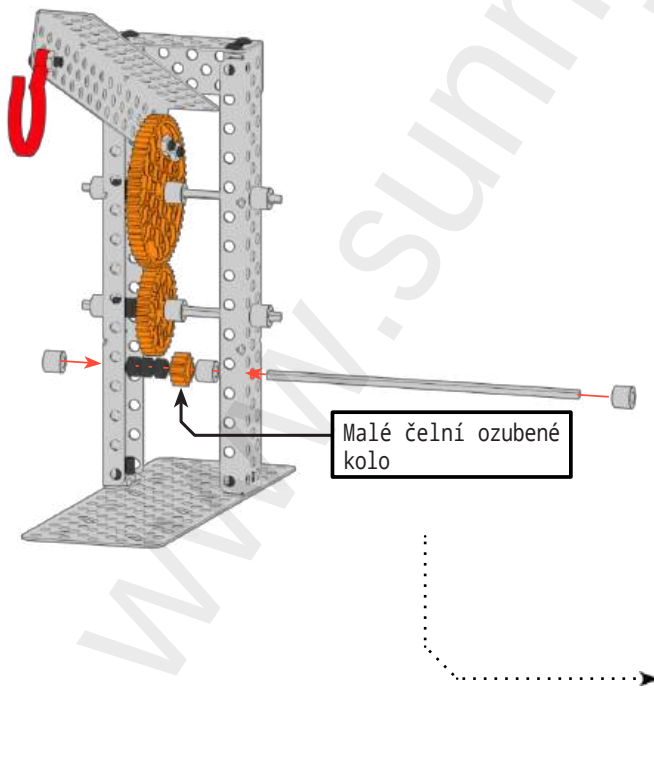
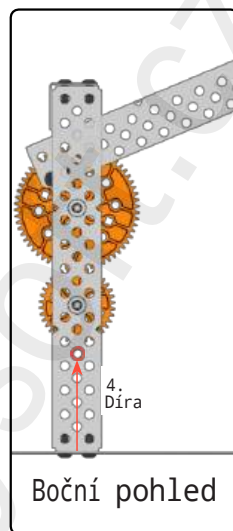
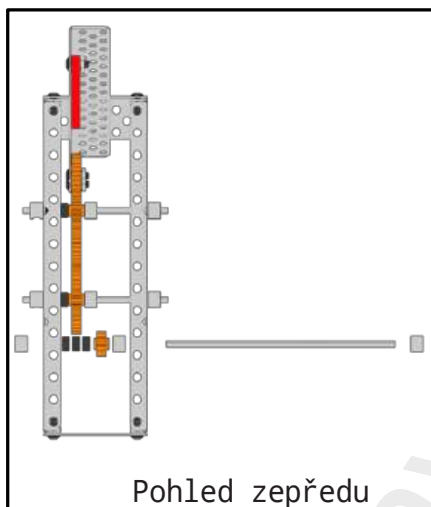
6



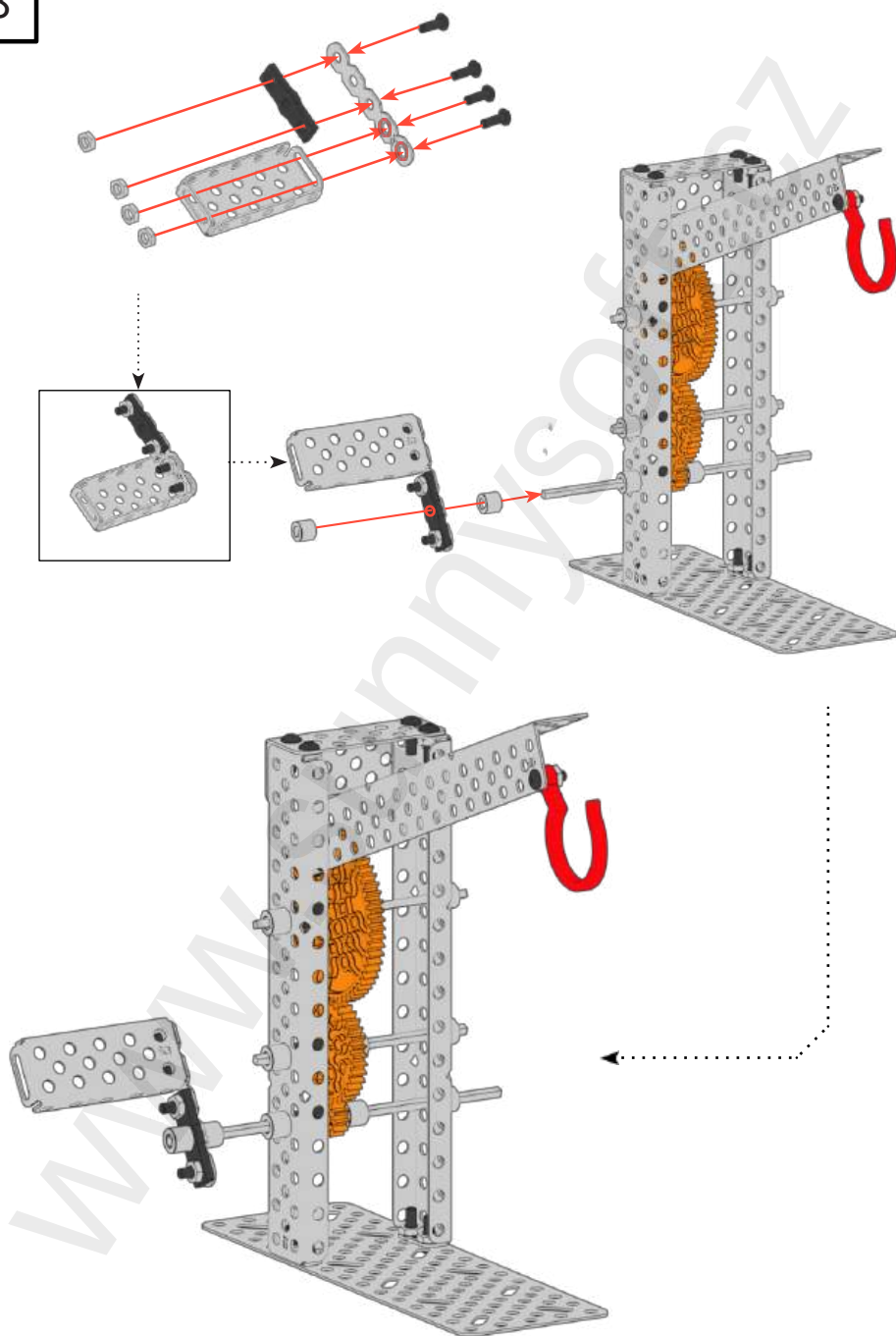




9

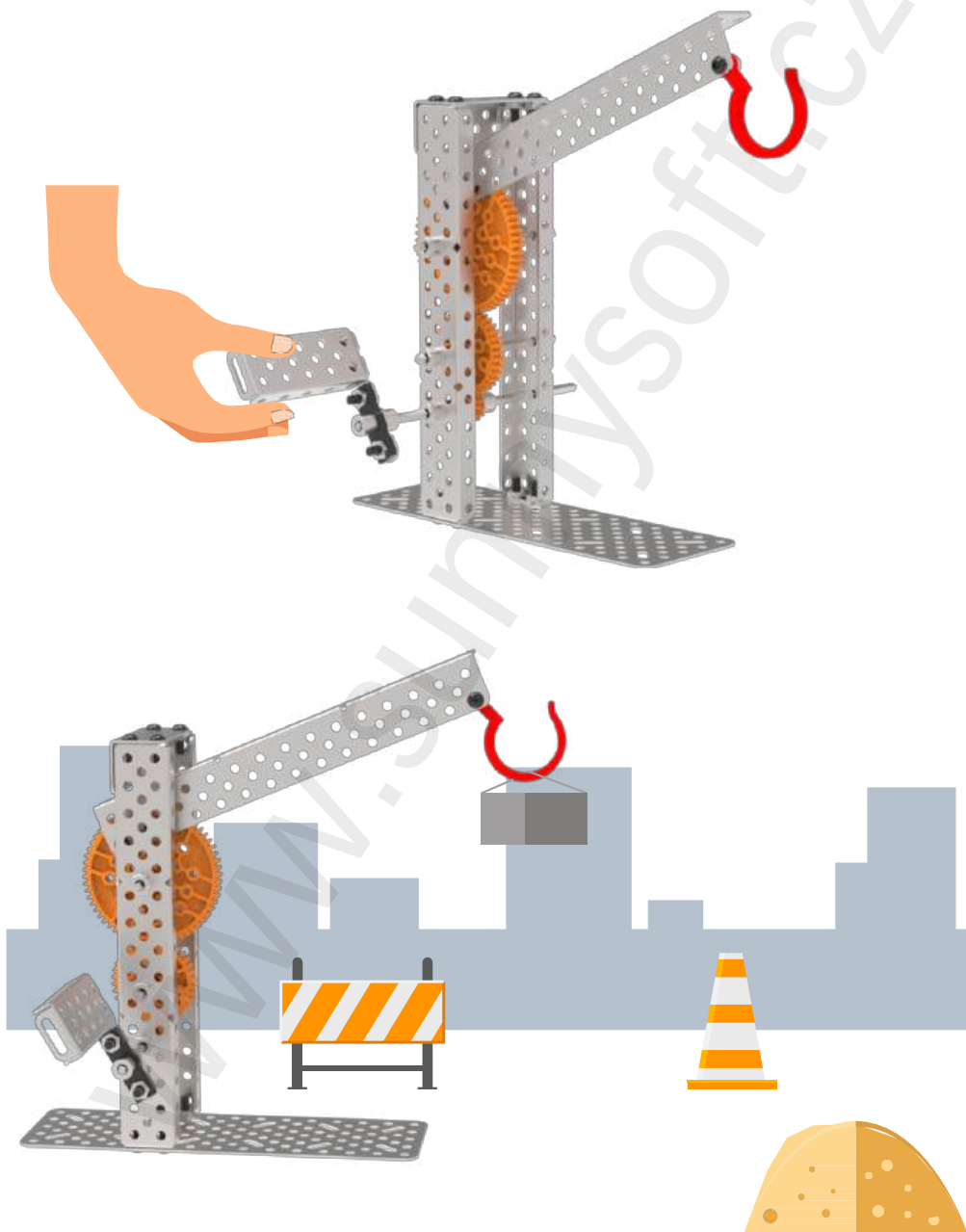


8

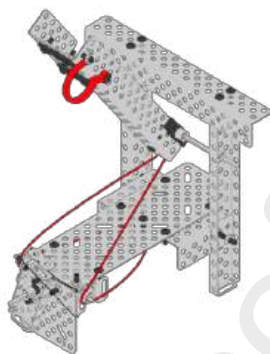


Jak si s jeřábem hrát

- Otáčením páky/rukojeti zvednete předmět a jeřáb.



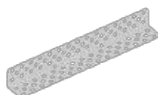
Projekt 4: **Katapult**



Co budete potřebovat?



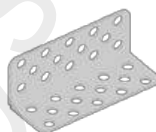
7.5"
Obdélníkový
deska
x1



7.5"
Kanál L
x2



7.5"
U-nosník
x2



2.5"
Kanál L
x3



2.5"
Flexi
x1



2.5"
U-nosník
x3



Výplně x1



Zámek nápravy
x9



Konektory s
3 otvory x5



5,5"
náprava x1



3,5" náprava
x2



2.5"
Kanál L x1



12mm šrouby
x31



matice
x31



Plastový háček
x1

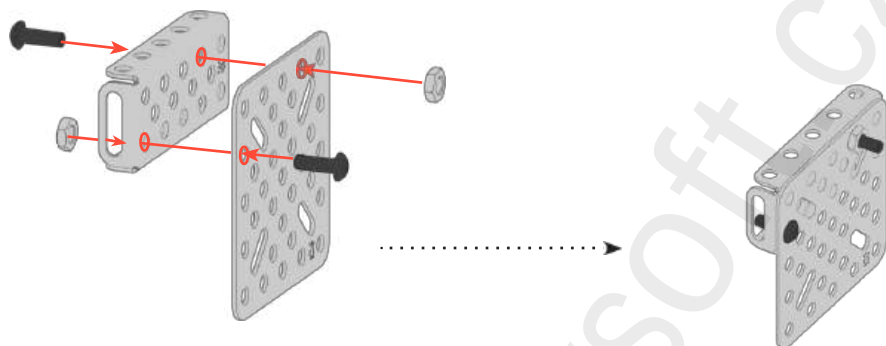


Velká gumová
páska
x1

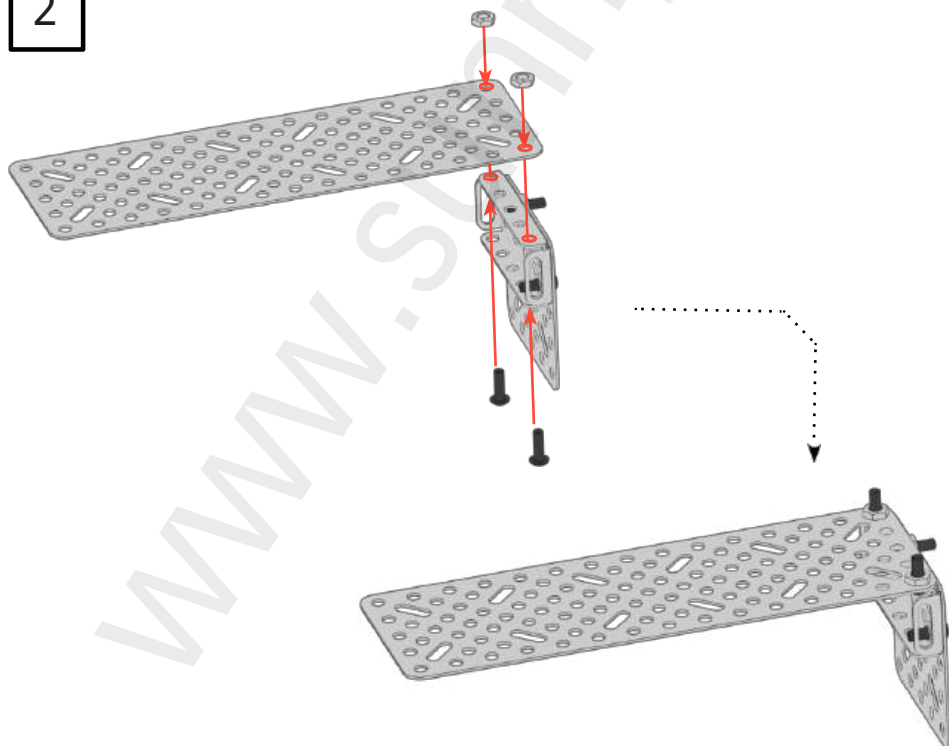


Malá gumová
páska
x1

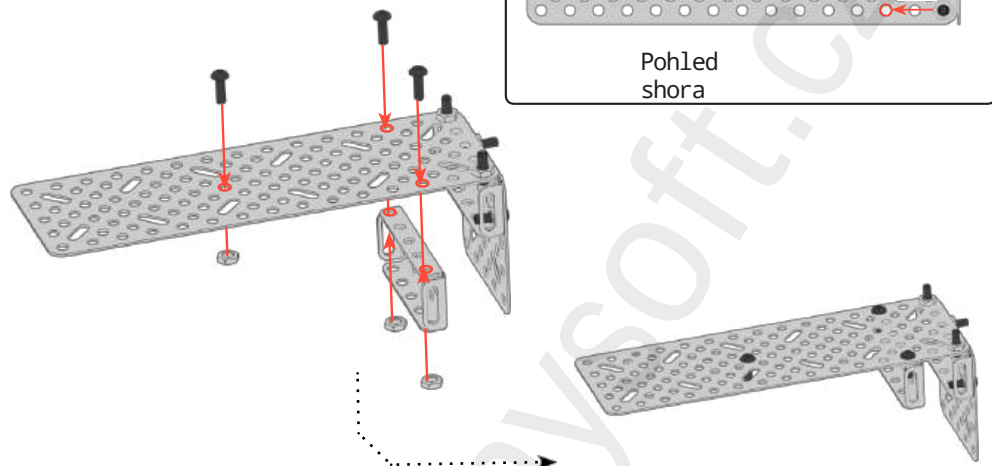
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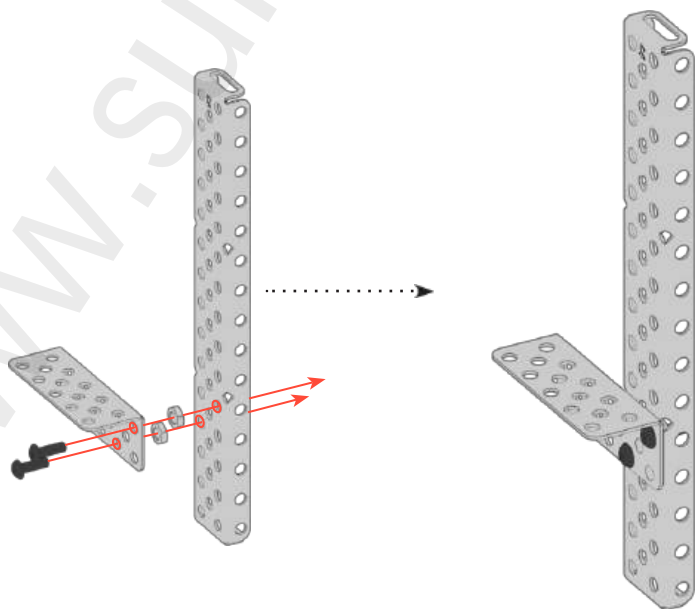
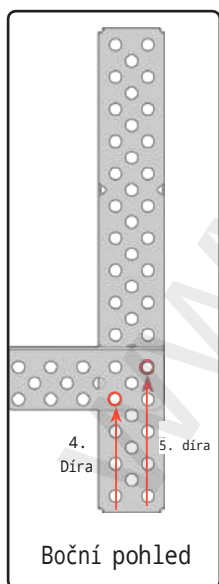
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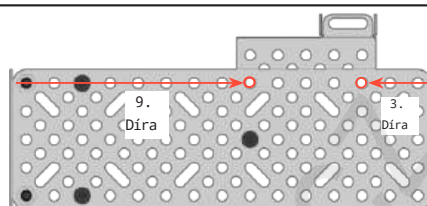


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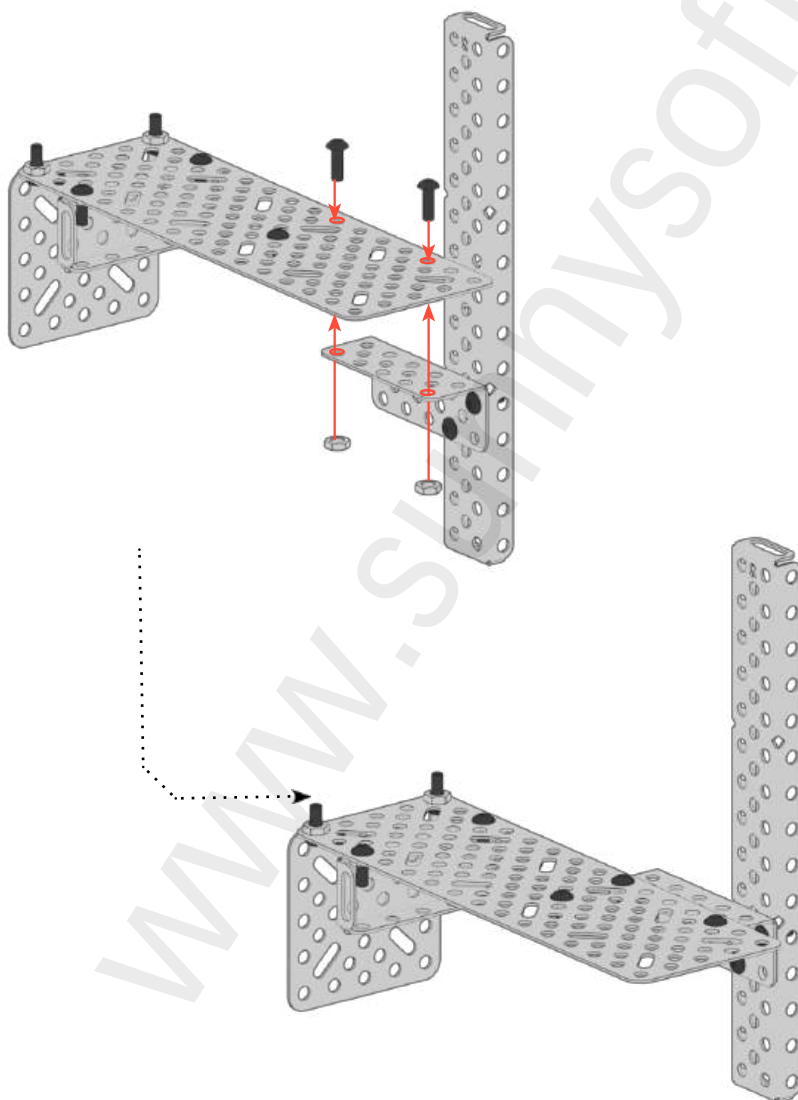


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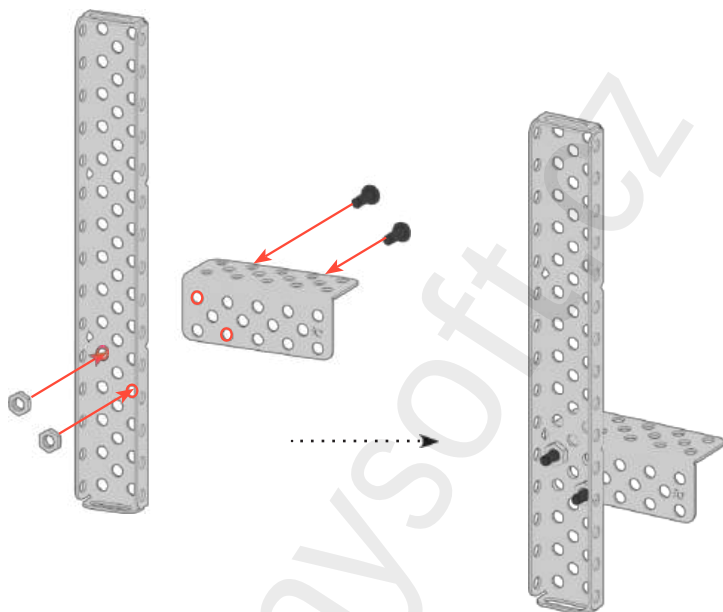
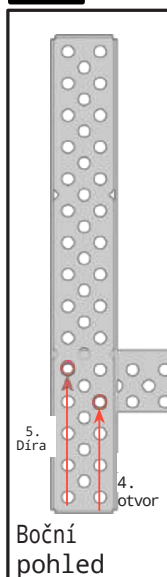




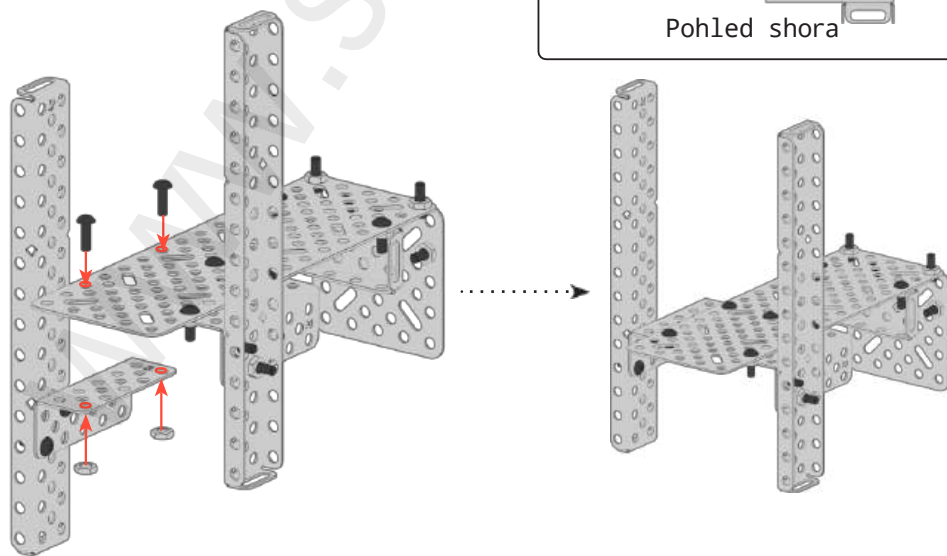
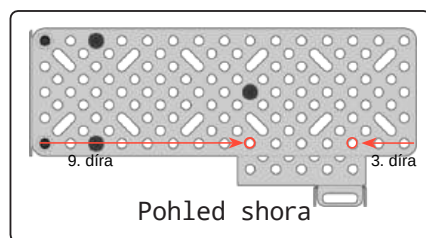
Pohled
shora



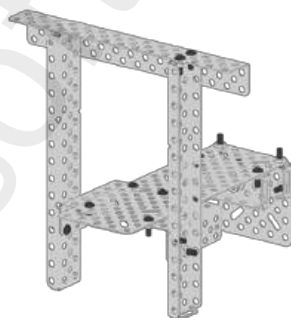
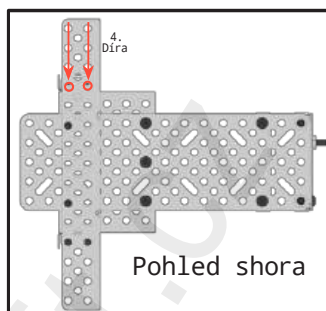
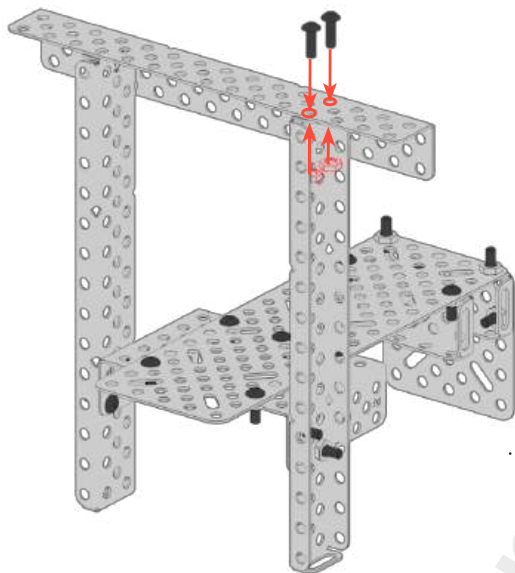
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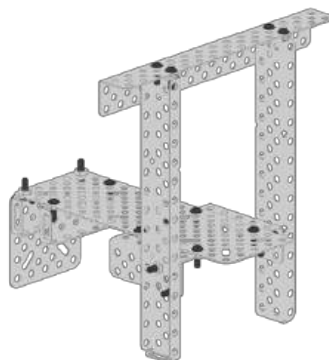
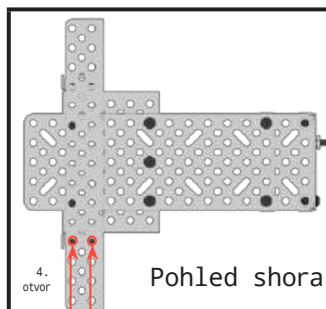
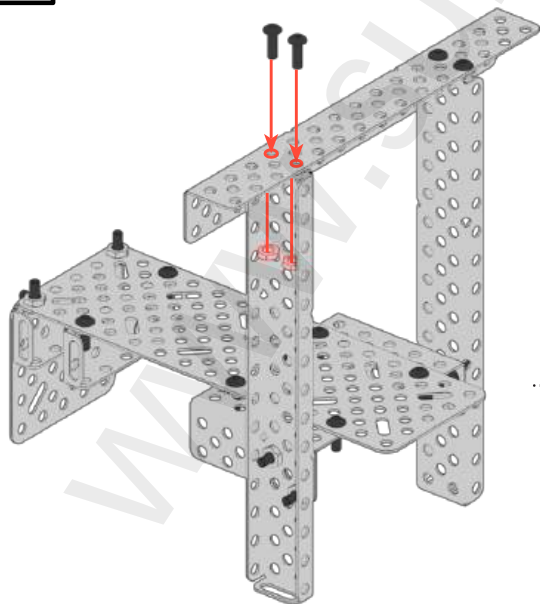
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8

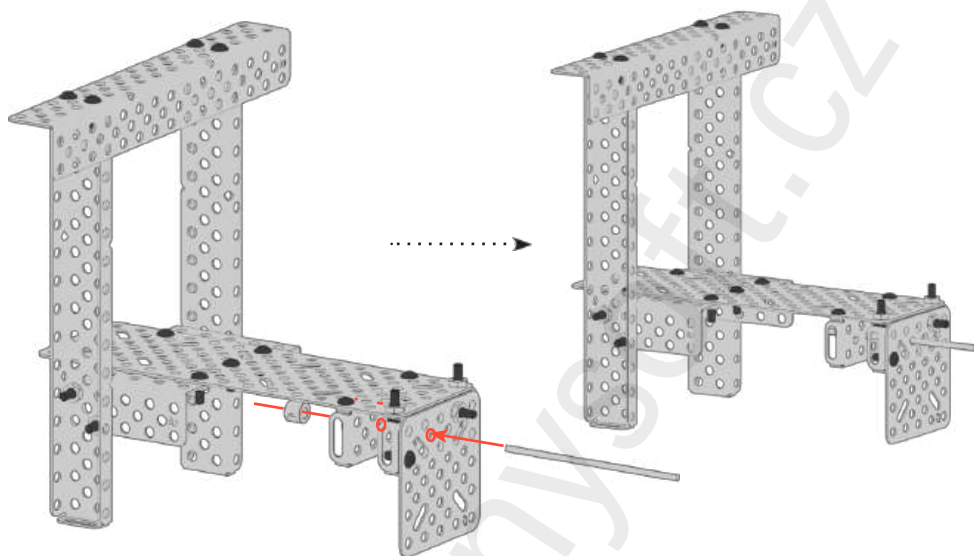


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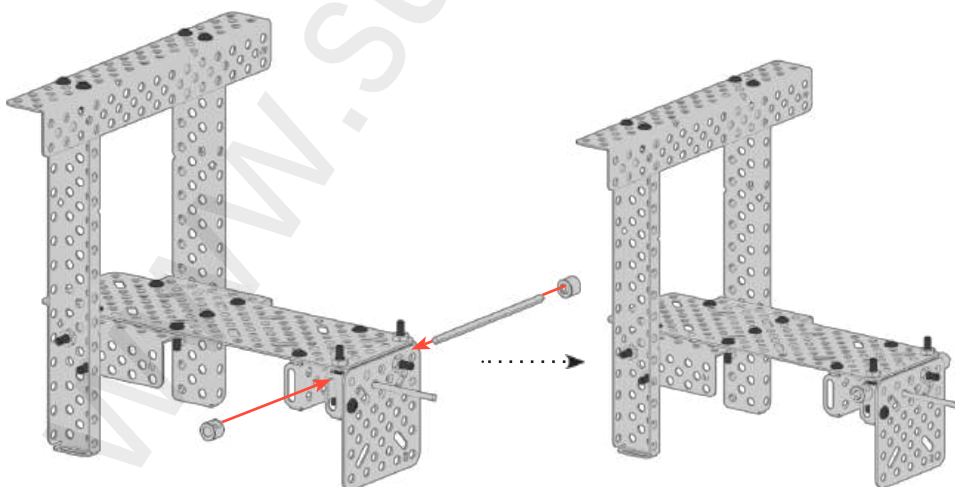
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Náprava 1:1 3,5

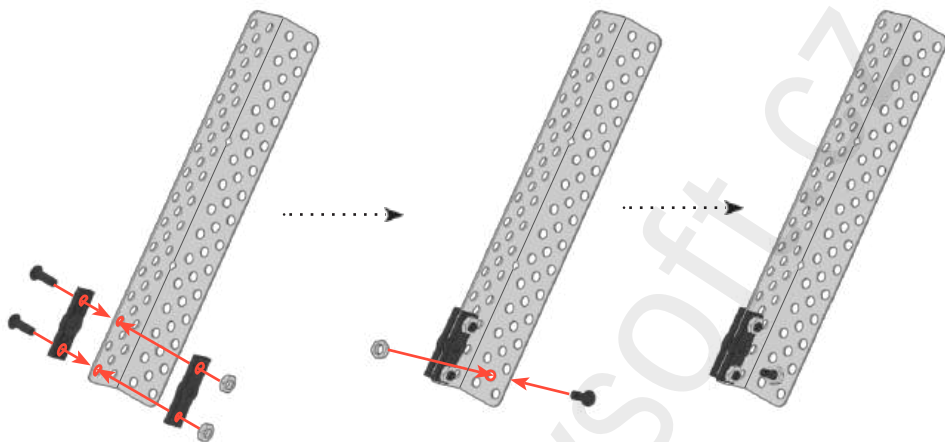


11

Náprava 1:1 3,5

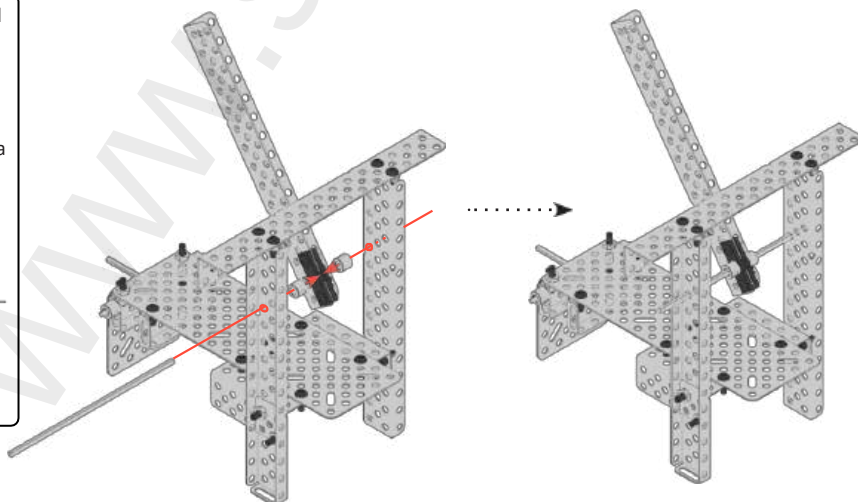
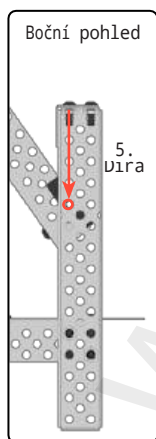


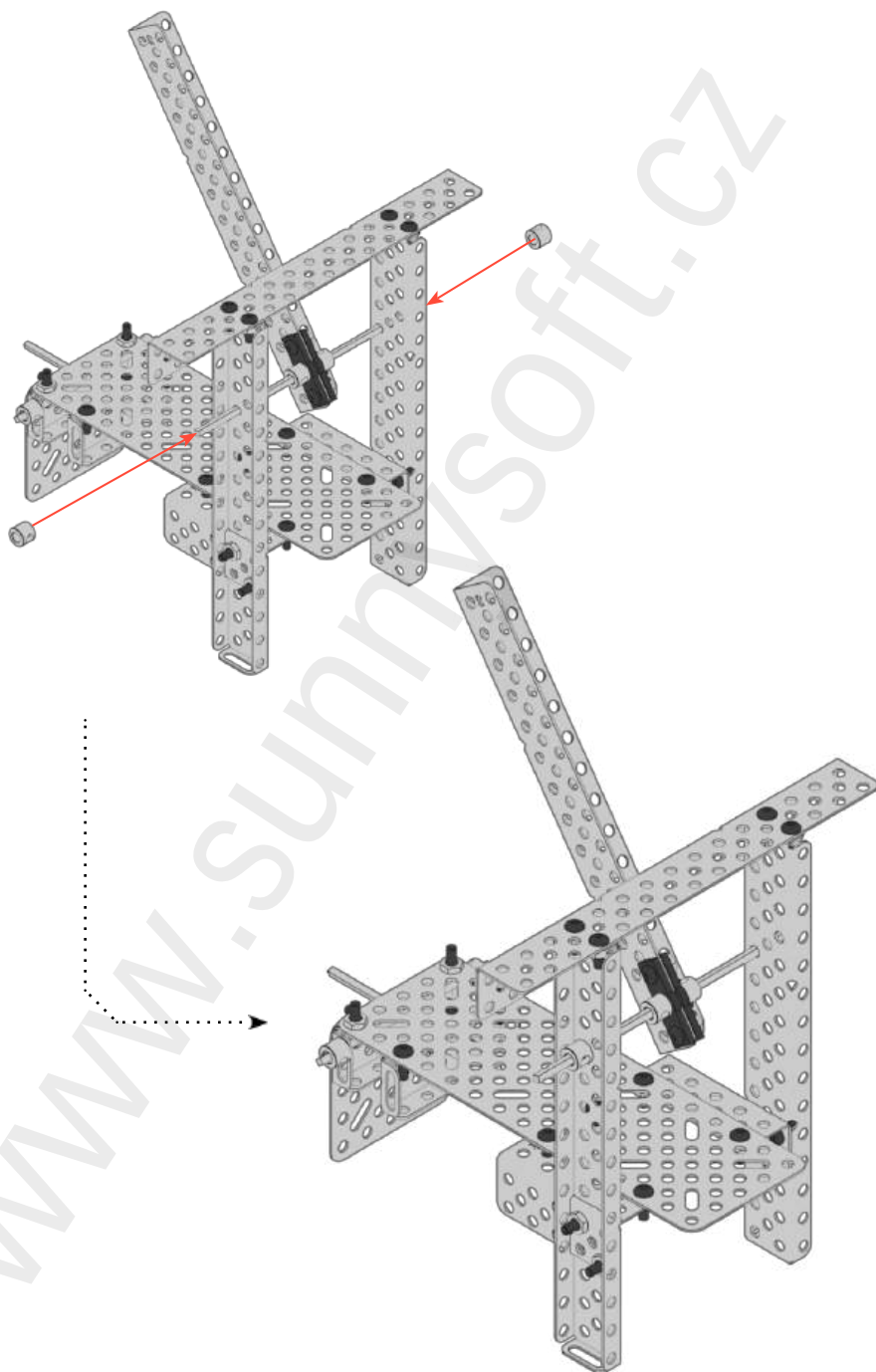
12



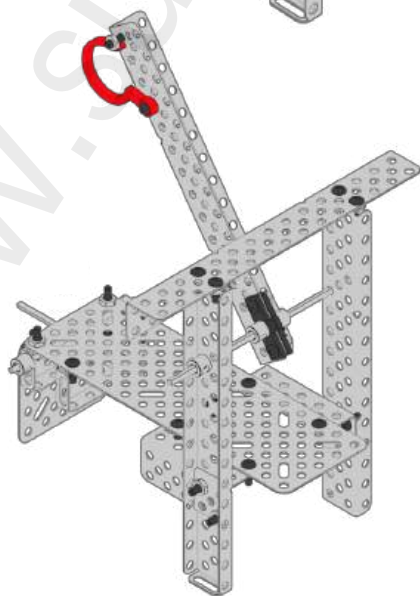
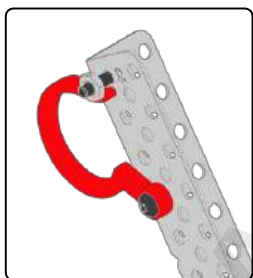
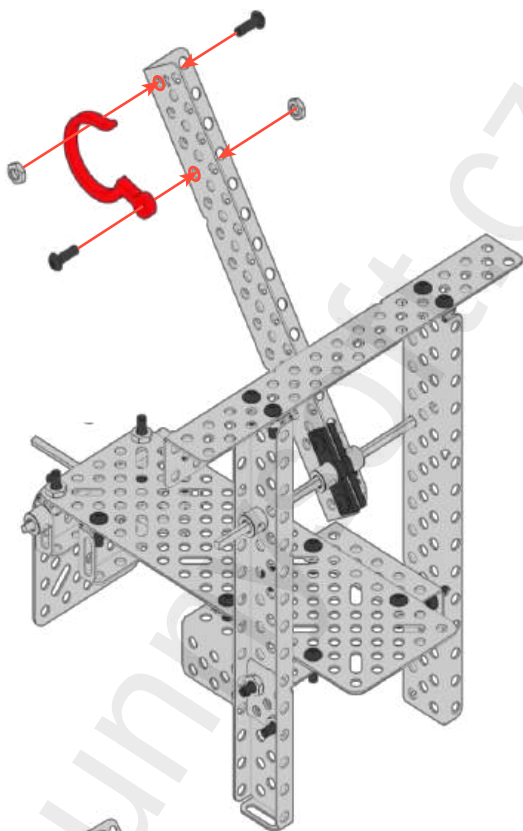
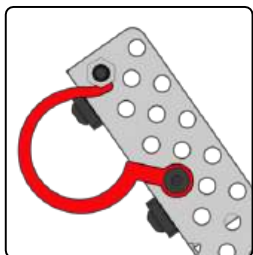
Náprava 1:1 5,5

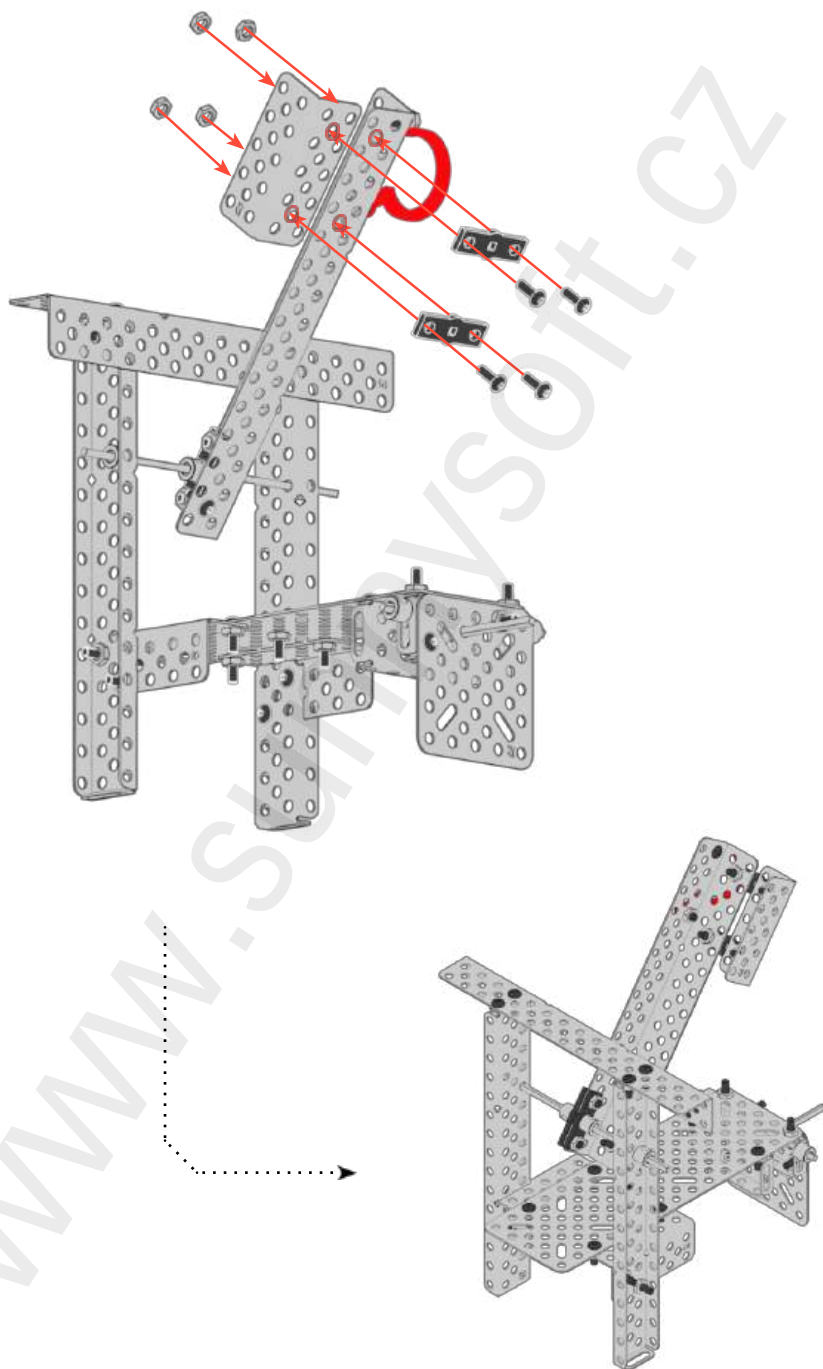
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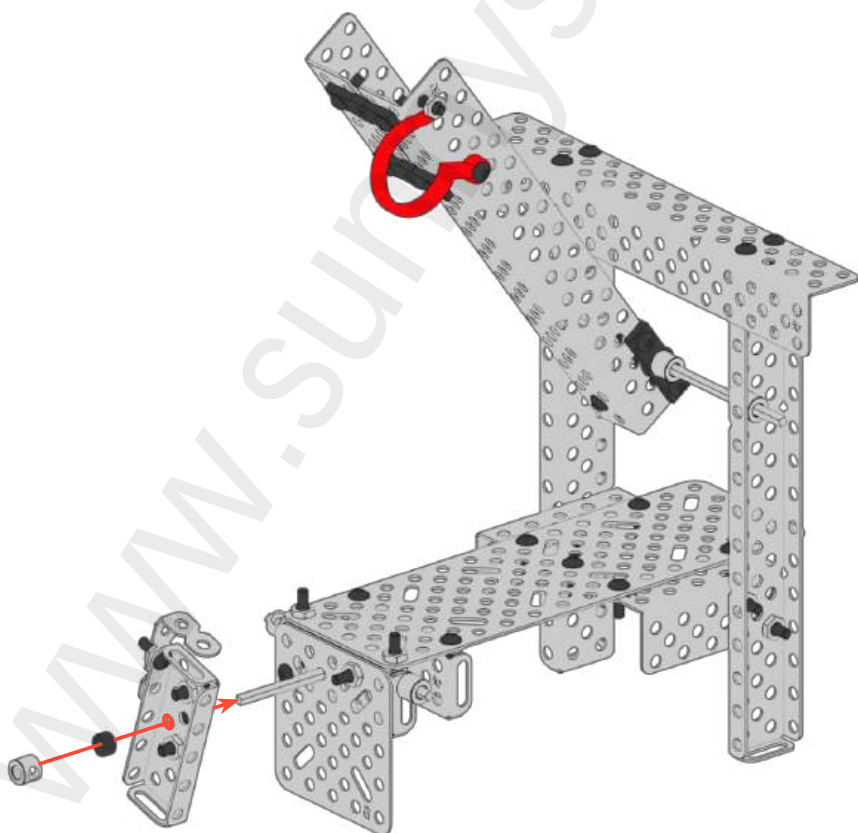
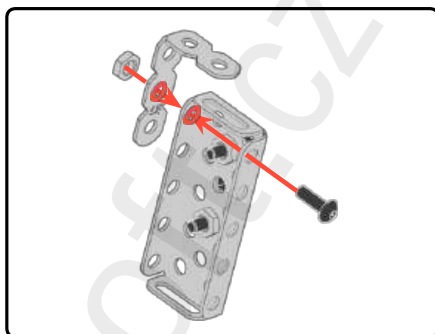
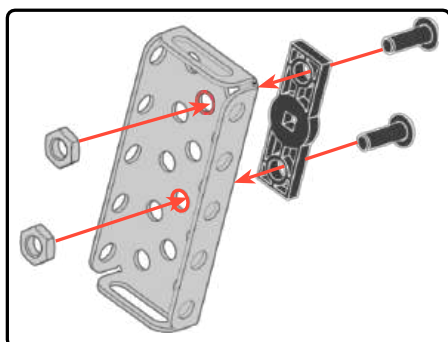




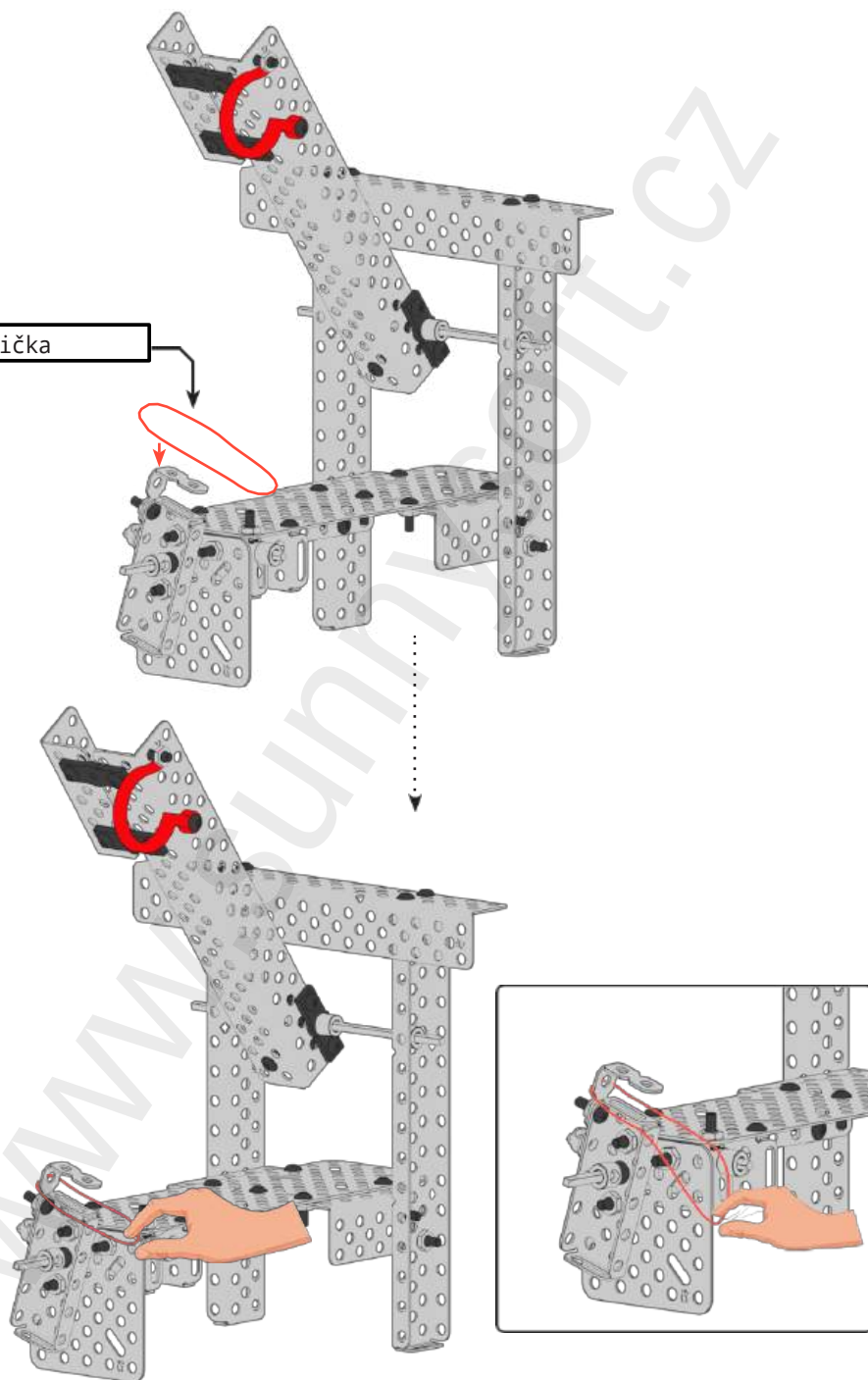
15

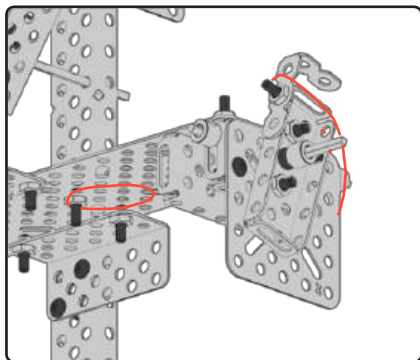
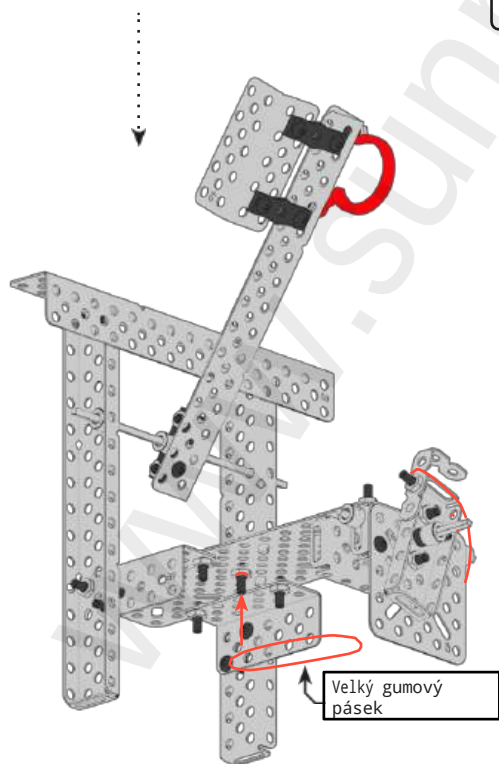
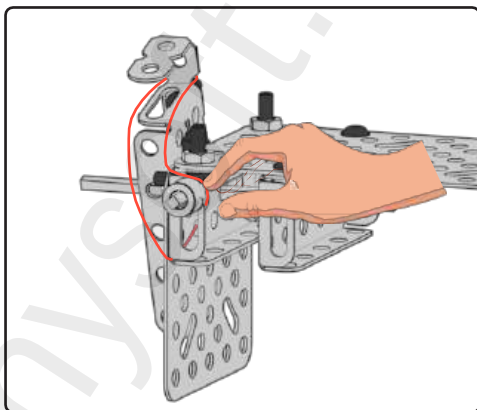
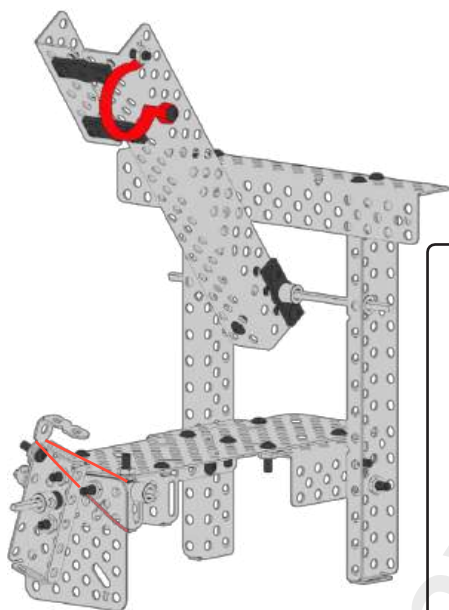


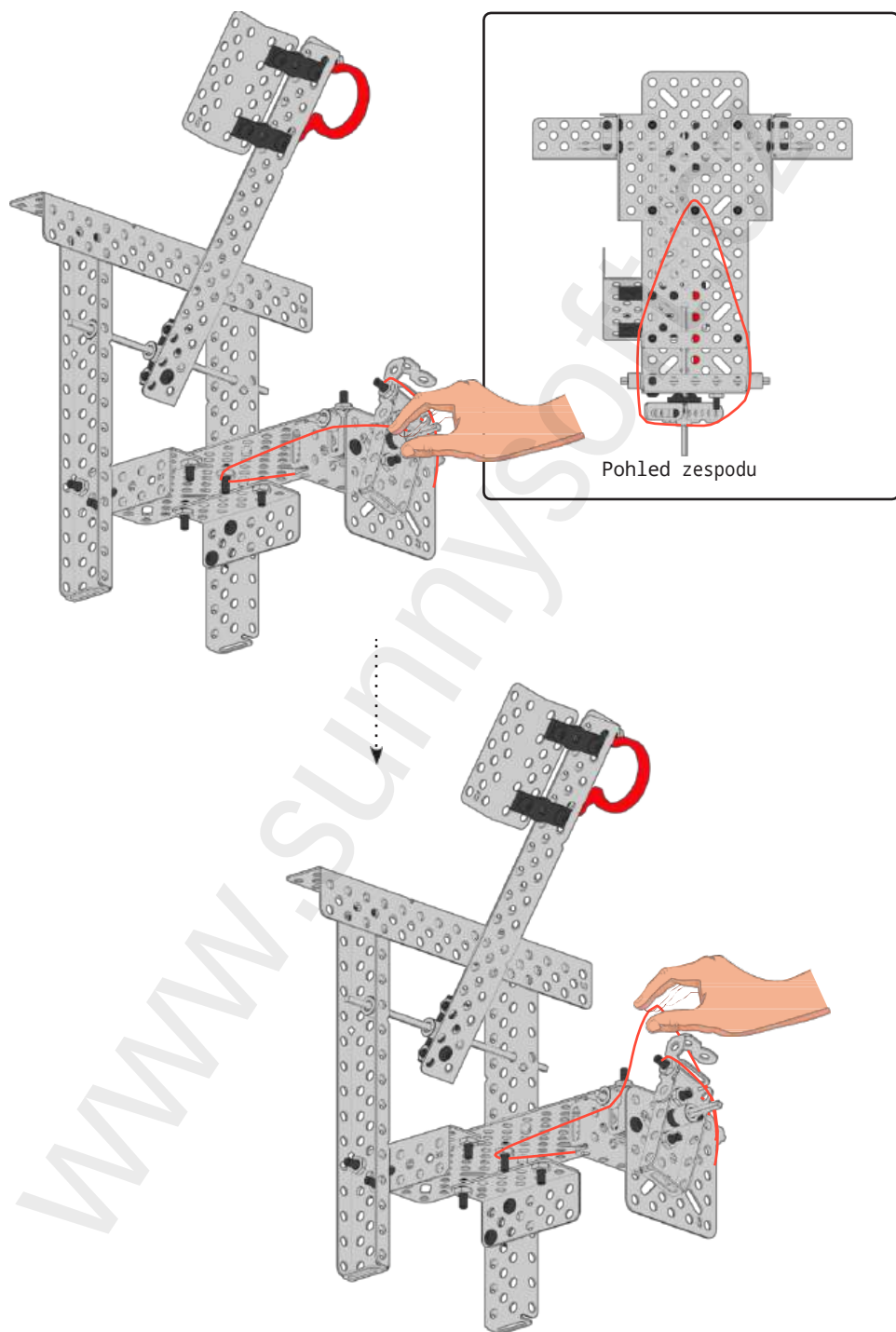


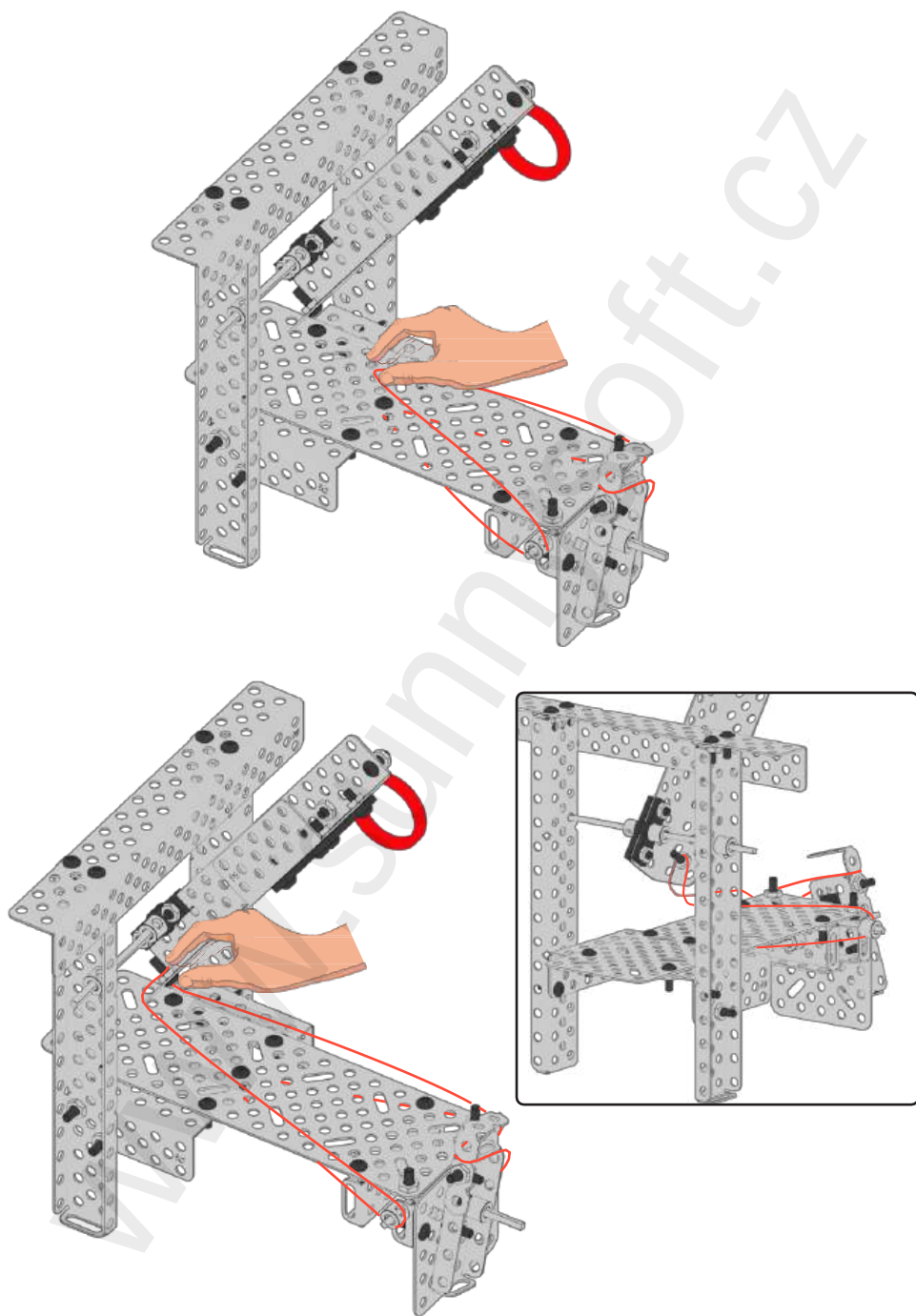


Malá gumička



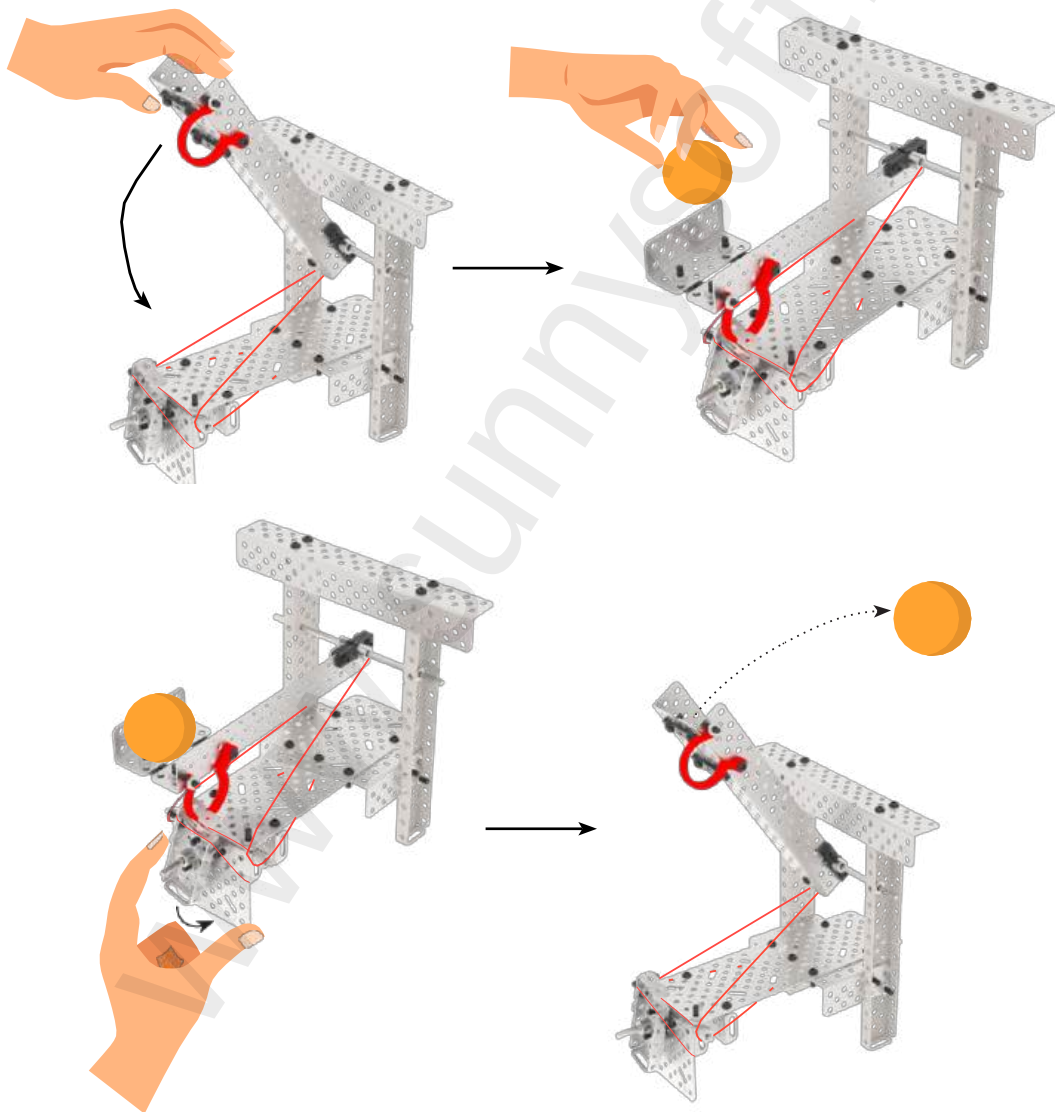




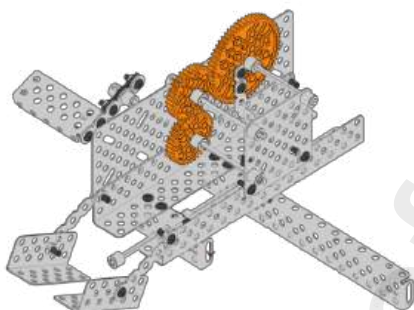


Jak si s katapultem hrát

- Stáhněte rameno dolů
- Umístěte zámek.
- Umístěte míč.
- Uvolněte zámek.
- Míč se žene vpřed.



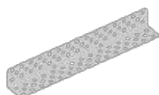
Projekt 5: Stříleč míčků



Co budete potřebovat?



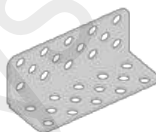
7.5"
Obdélníkový
deska
x1



7.5"
Kanál L
x2



7.5"
U-nosník
x1



2.5"
Kanál L
x2



2.5"
Flexi
x5



2.5"
U-nosník
x2



Výplně x3



Zámek
nápravy
x16



Konektory s
3 otvory x3



5,5" náprava
x2



3,5"
náprava x2



2.5"
Kanál L x1



12mm šrouby
x22



Ořechy
x22



Malá gumová
páska
x1

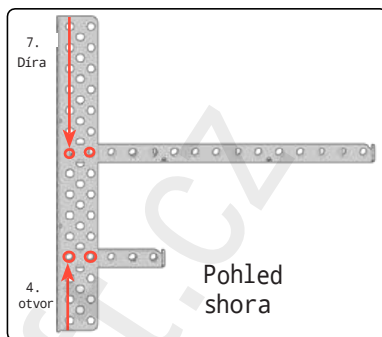
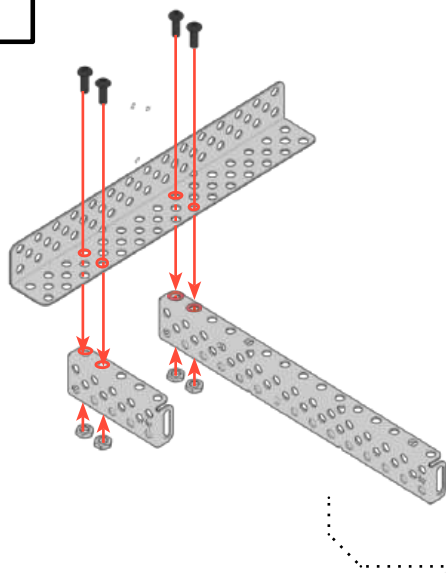


Velké čelní
ozubené kolo x1

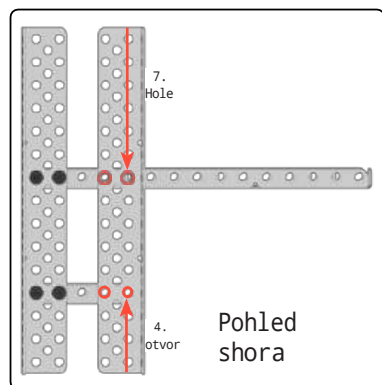
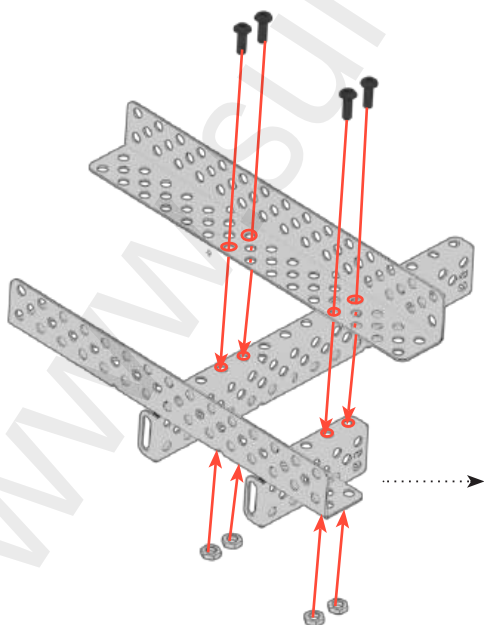


Střední čelní
ozubené kolo
x2

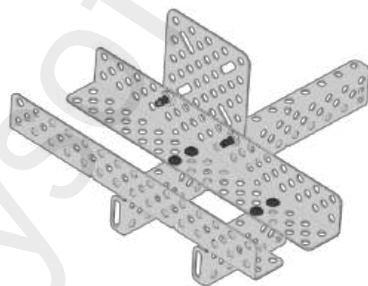
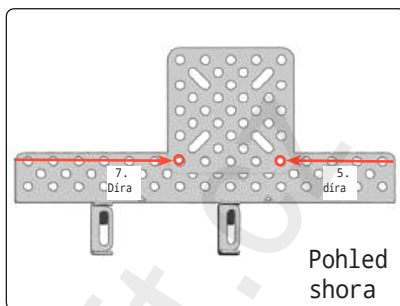
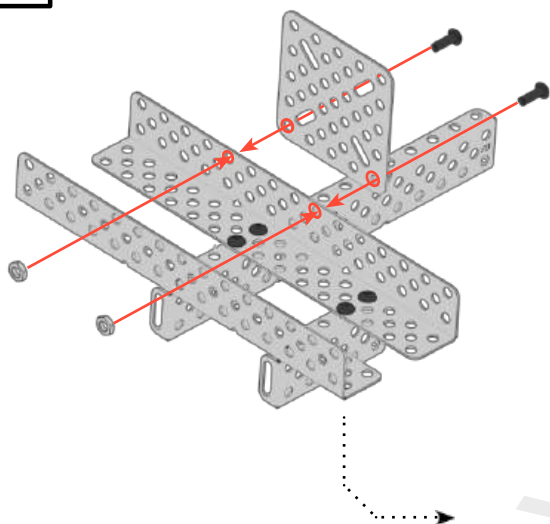
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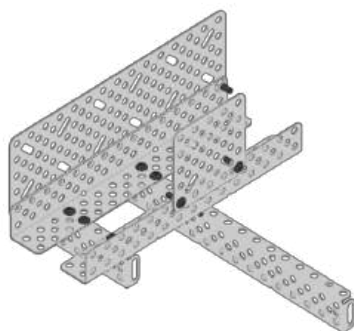
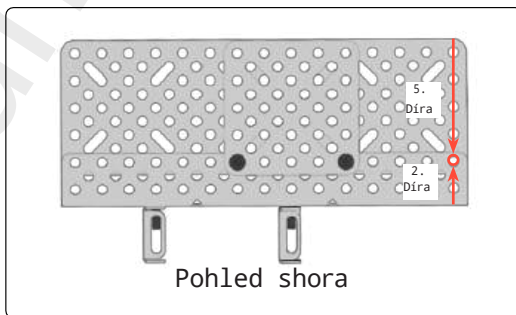
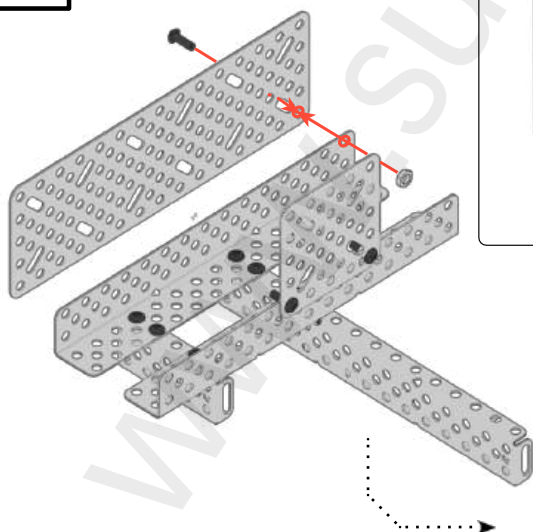
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3

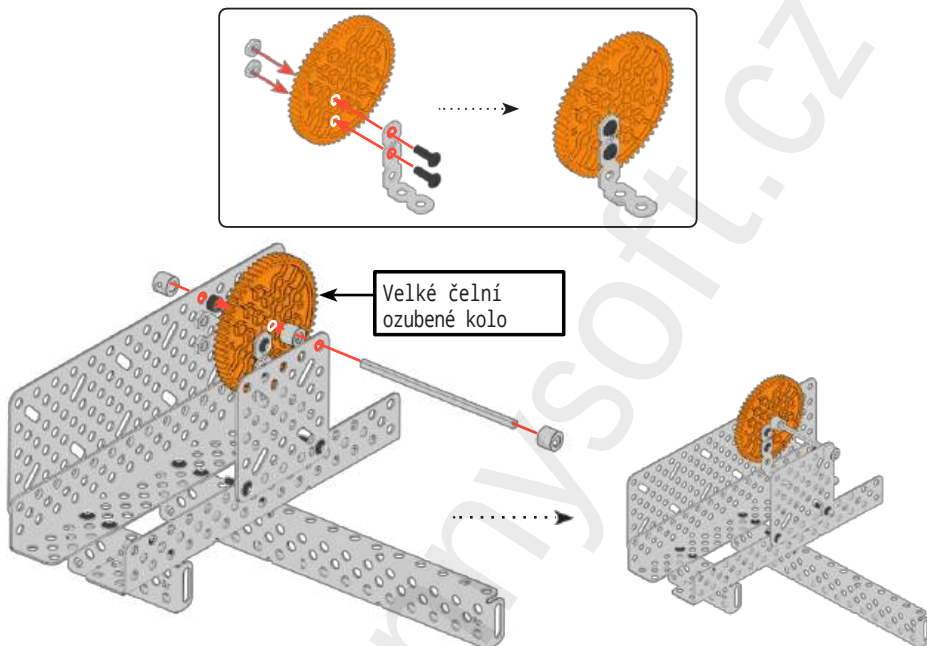


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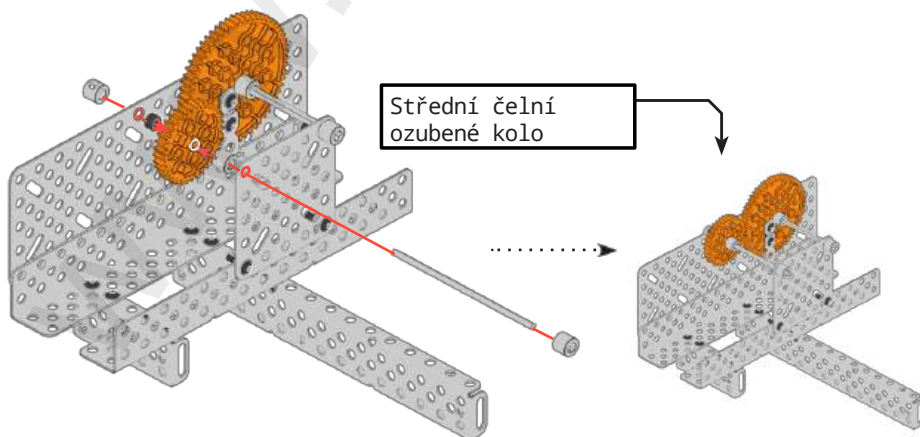
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Náprava 1:1 3,5

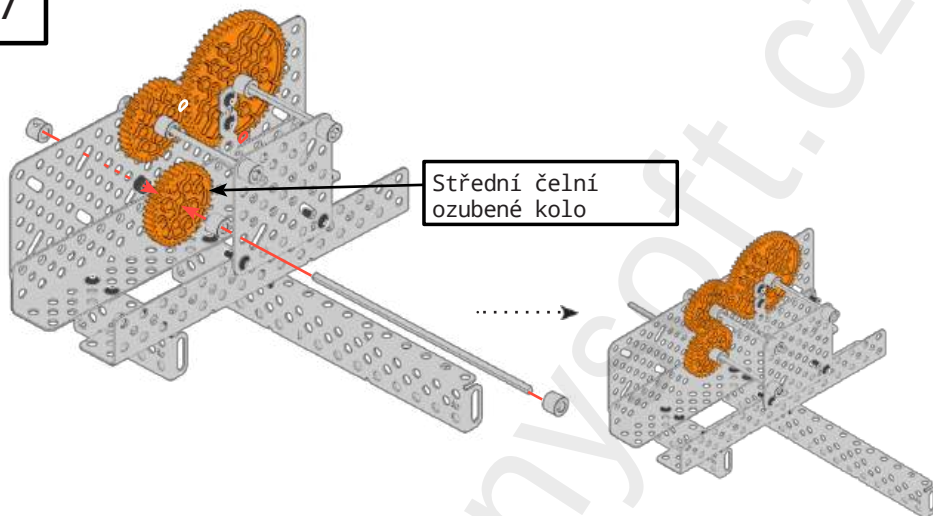


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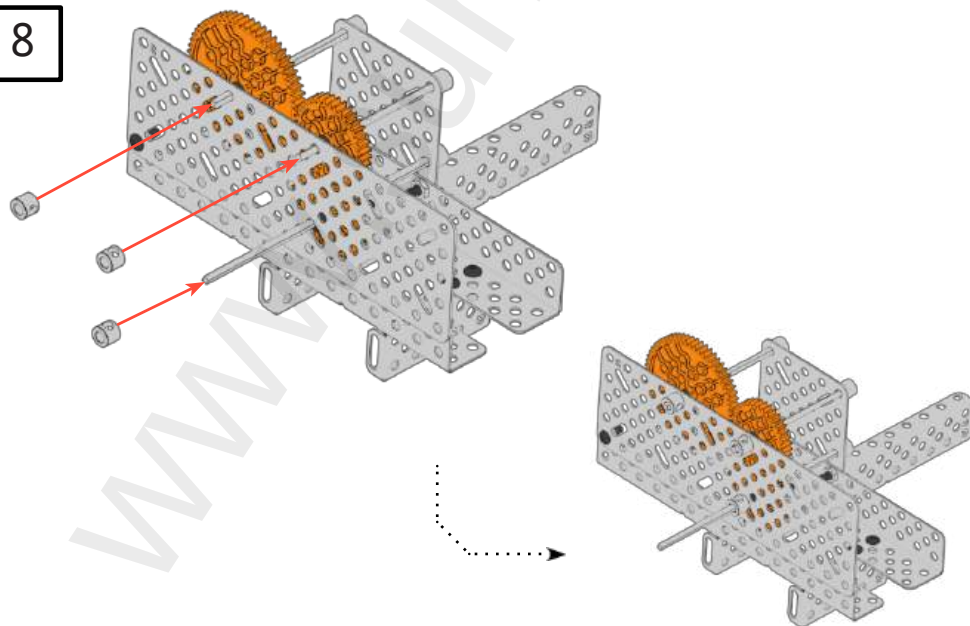
Náprava 1:1 3,5



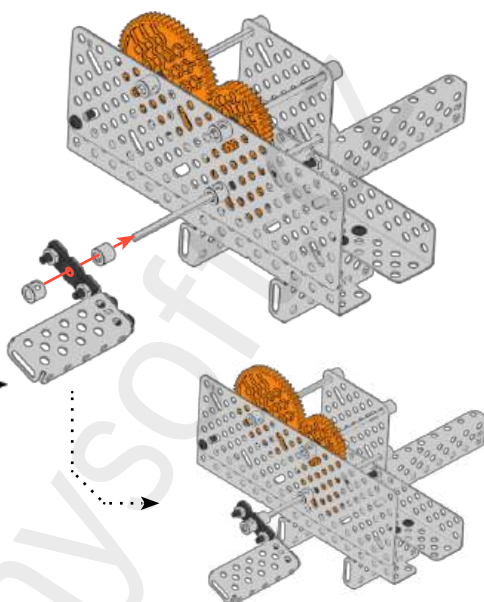
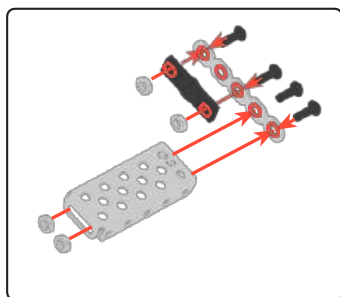
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8

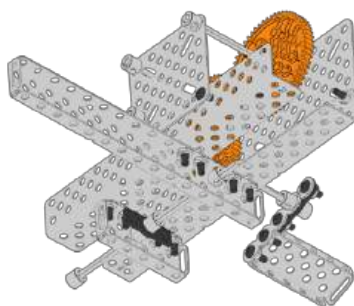
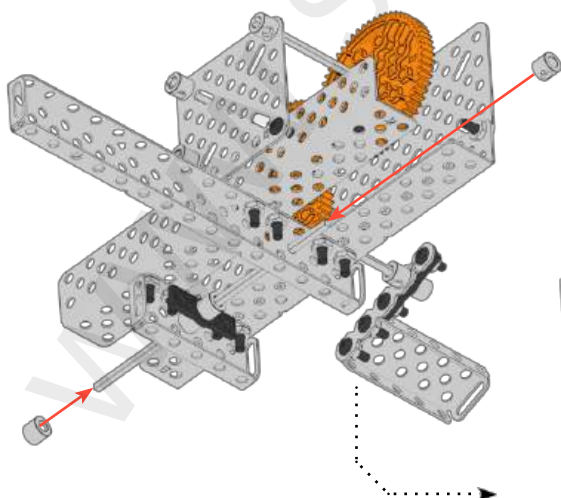


9

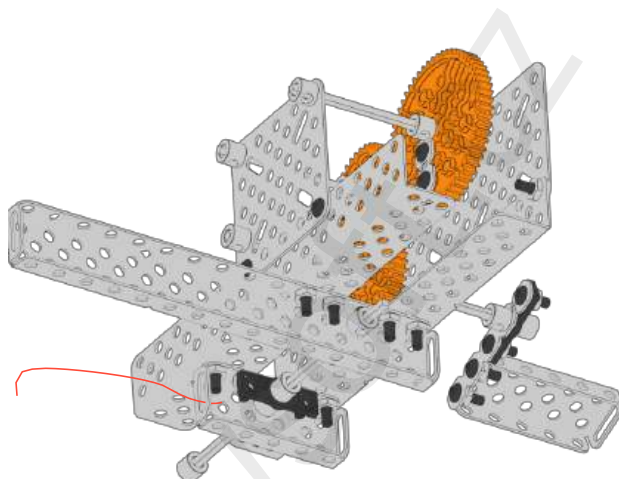
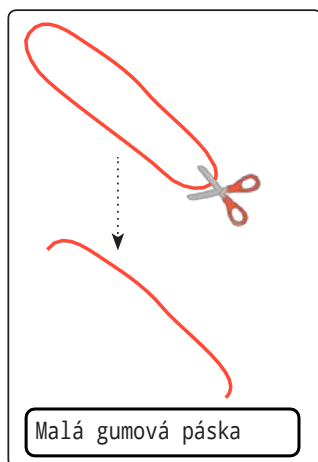


Náprava 1:1 5,5

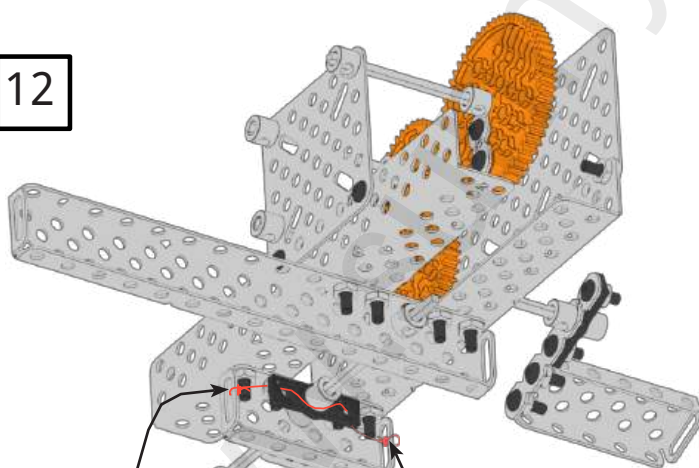
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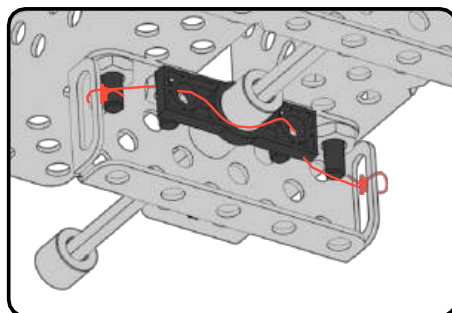
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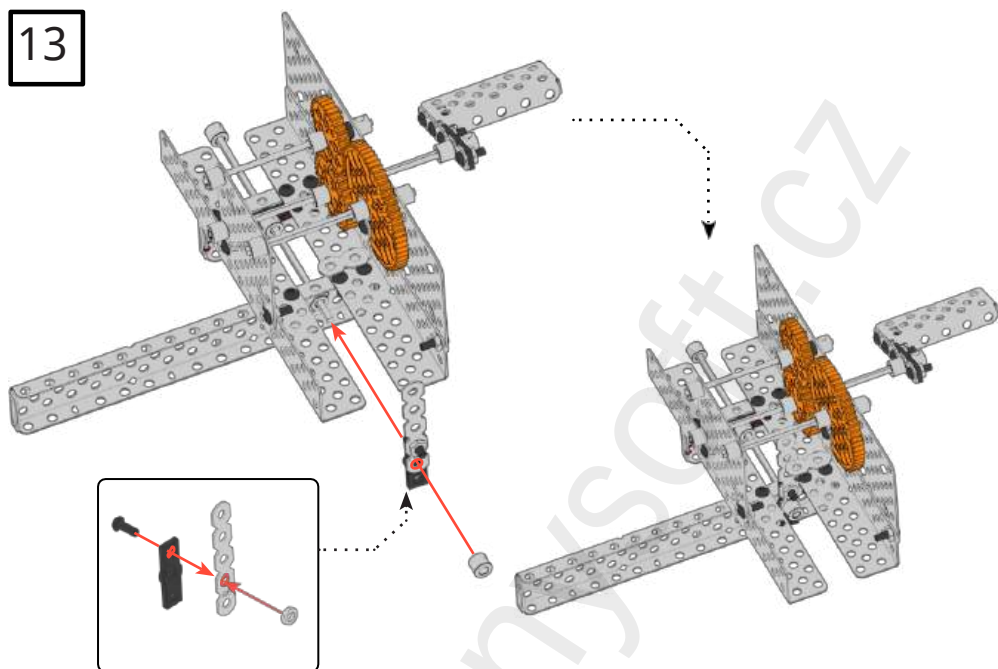
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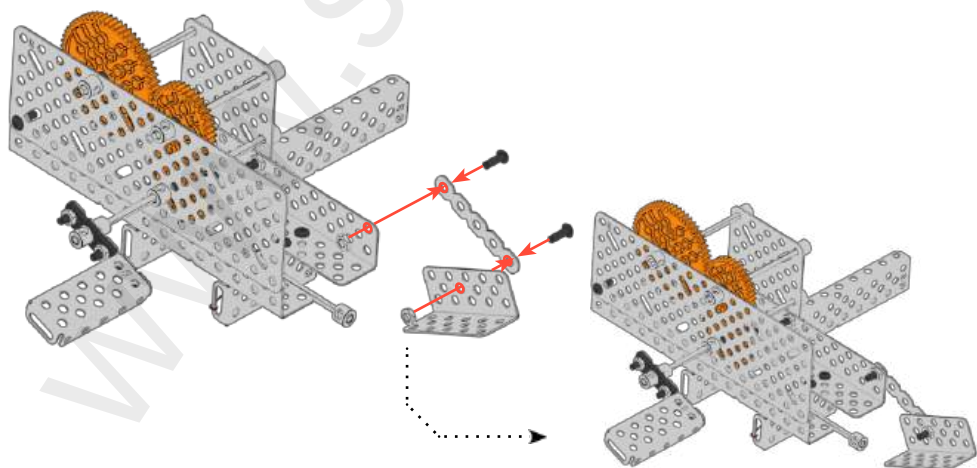
Udělejte uzel!

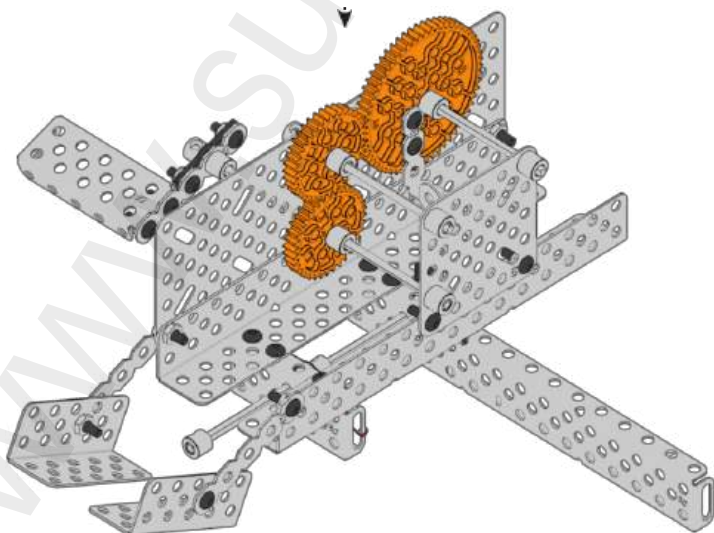
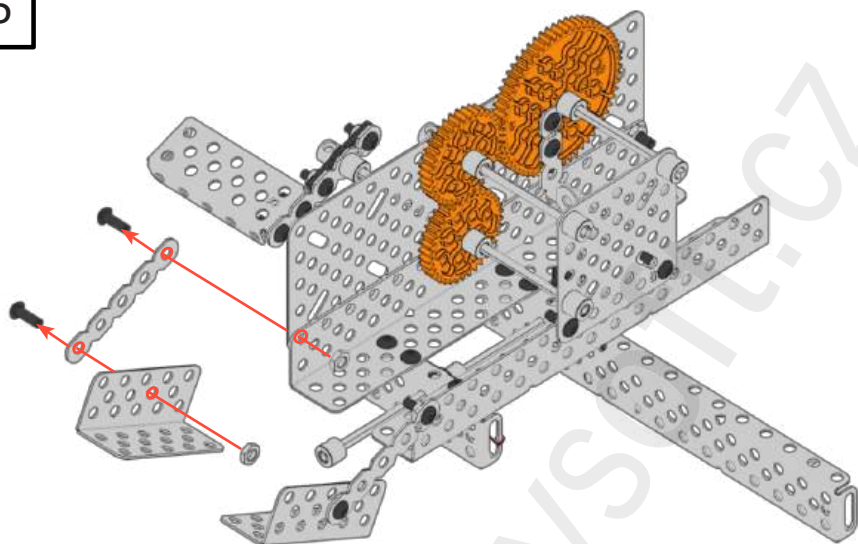


13



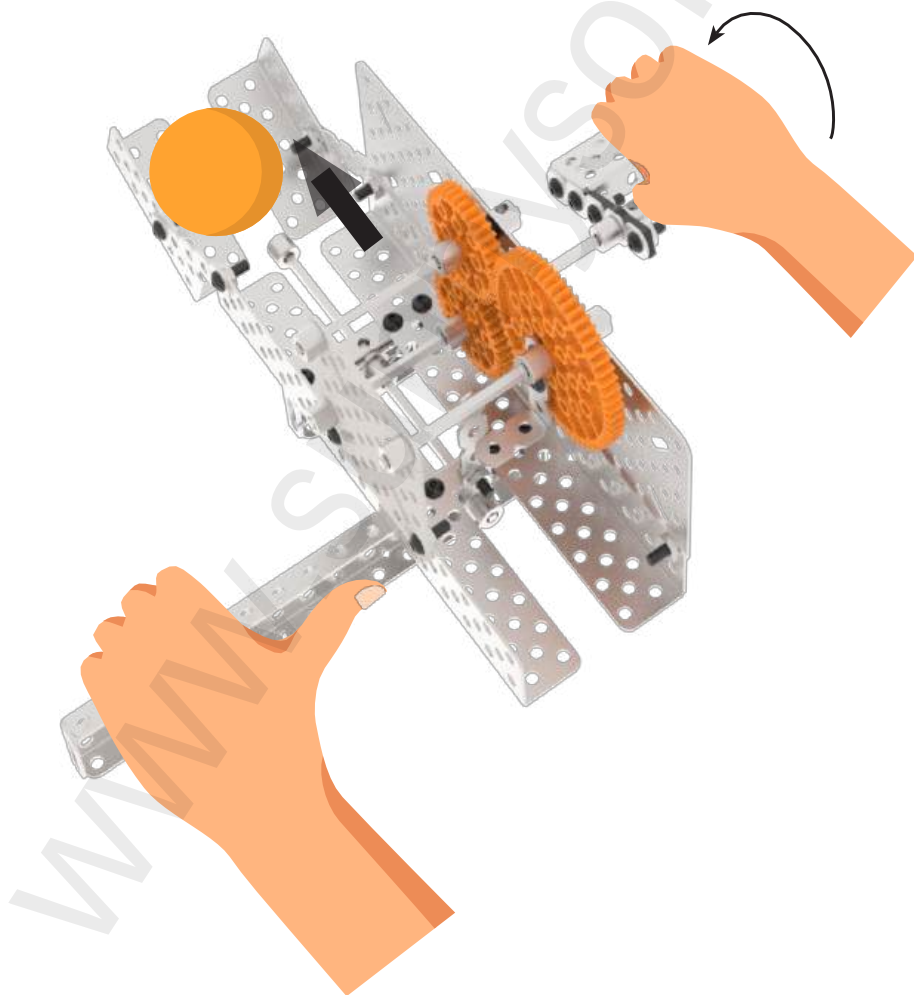
14





Jak si hrát

- Umístěte kuličku do malé nádoby ve tvaru L.
- Otáčejte pákou/rukojetí. Osa narazí na míč.



Máte potíže?

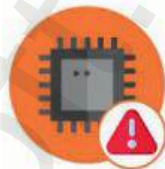
Naše technická podpora je vám k dispozici v těchto časech -
pondělí až soboty: 9:00 až 20:00
neděle a 3. sobota: 9:00 až 18:00



Problémy se softwarem



Problémy s použitelností



Problémy s hardwarem

Pro kontaktování podpory naskenujte QR kód.



support@avishkaar.cc
+91-8506931515

Dodavatel/Distributor
Sunnysoft s.r.o.
Kovanecká 2390/1a
190 00 Praha 9
Česká republika
www.sunnysoft.cz



**“I don’t dream
of success, I work
towards it!”**



Sneak peak

Make the most out of your kit	04
Innovator's oath	06
Explore your kit	07
Armour check	09
Project 1: Car	10
Project 2: Fan	19
Project 3: Crane	29
Project 4: Catapult	39
Project 5: Ball Shooter	56
Troubleshoot & help	66

Make the Most Out of Your Kit

Innovate



Take the Innovator's Oath

Take the innovator's oath mentioned on page 6 and understand what it means to be an innovator.



Learn using Manual

Follow detailed instructions in the manual and learn how to build exciting robots with your kit.



Build, Code & Control

Build innovative projects using your kit, and control the Robots using Avishkaar Remote and Code using Avishkaar Maker Studio.



Join Let's Avishkaar

Join our FB community - connect with innovators and get latest updates on webinars.



Upload Projects

Upload projects on www.avishkaar.cc and share them with innovators globally.



International Competitions

Participate in weekly, monthly and annual competitions and win glory globally.



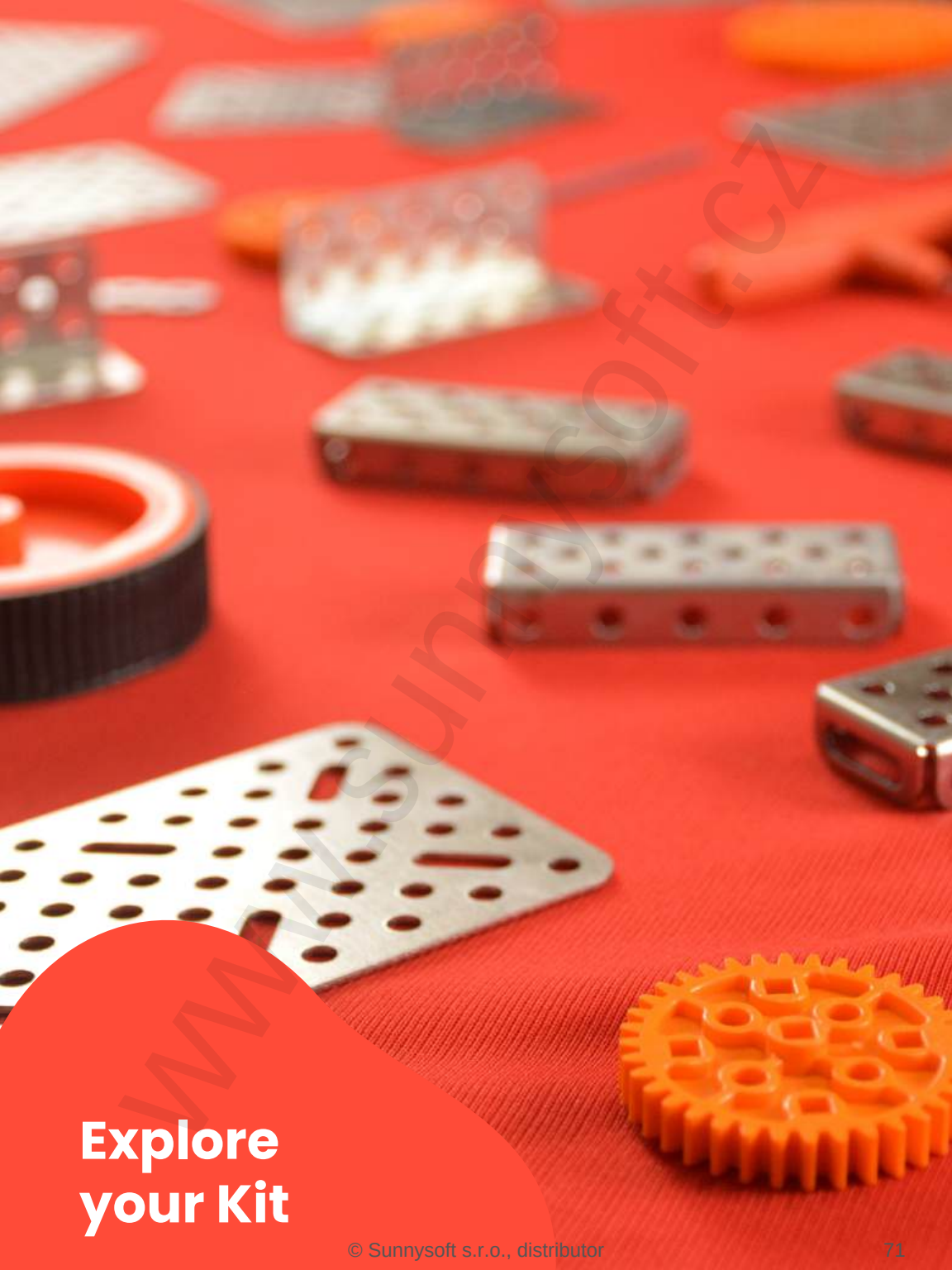
Innovator's Oath

Take the Innovator's Oath below to pledge yourself to lifelong commitment towards Innovation and Problem Solving. Share a photo on the Let's Avishkaar FB Community.

I (write your name)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

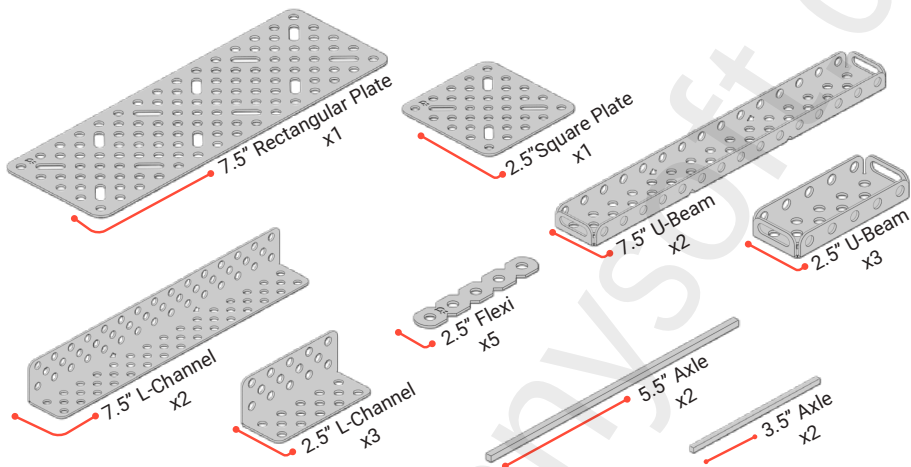
Your Signature



**Explore
your Kit**

Armour Check

Metal Parts



wheels and gears



Tools





Fillers
x11



Axle Locks
x16



12mm Bolt
x31



Nuts
x31



Big Rubber
Bands
x2



Small Rubber
Bands
x2

Basics of Building

Let's understand some basics of building

Tightening Screws

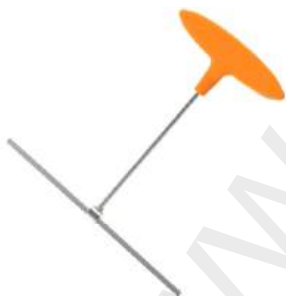


Tighten
(Rotate Clockwise)



Loosen
(Rotate Anti-Clockwise)

Tightening Axle Lock

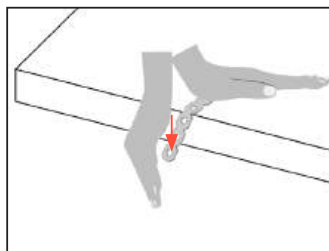
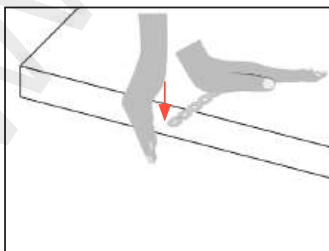


Tighten
(Rotate Clockwise)

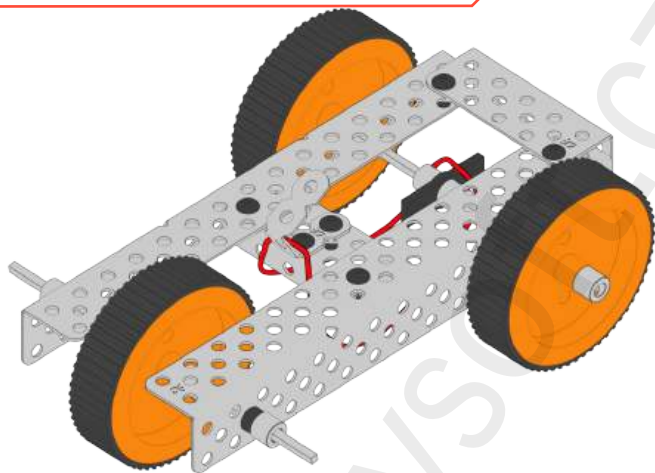


Loosen
(Rotate Anti-Clockwise)

Flexi Bending



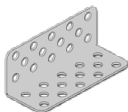
Project 1: Car



What will you need?



7.5"
L channel
x 2



2.5"
L-Channel
x 1



2.5"
Small Flexi
x 1



2.5"
U-Beam
x1



5.5" Axle
x2



fillers
x4



Axle lock
x8



3-Hole
Connectors
x1



Small Wheel
x3



Big Ruber Band
x1

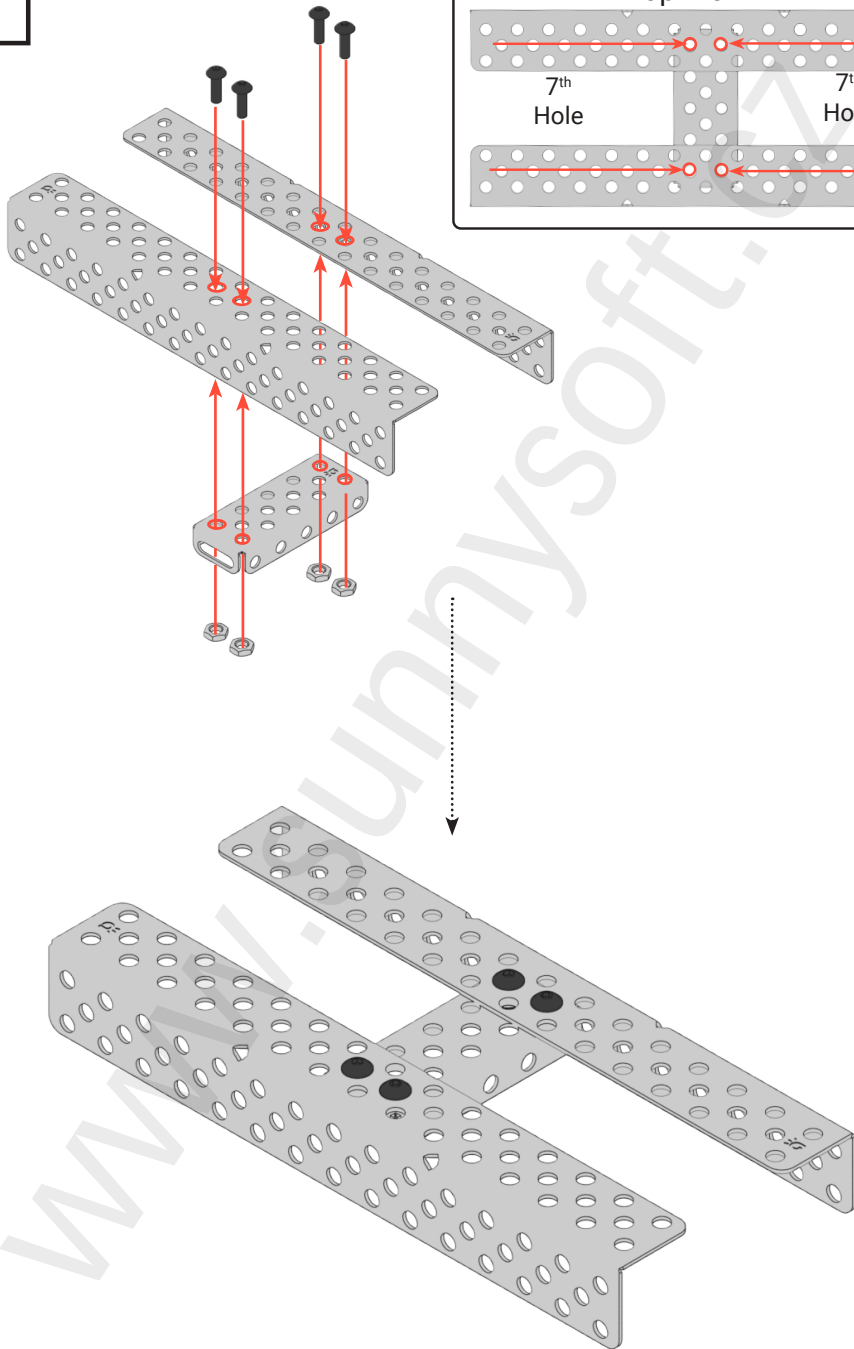


12mm Bolts
x8

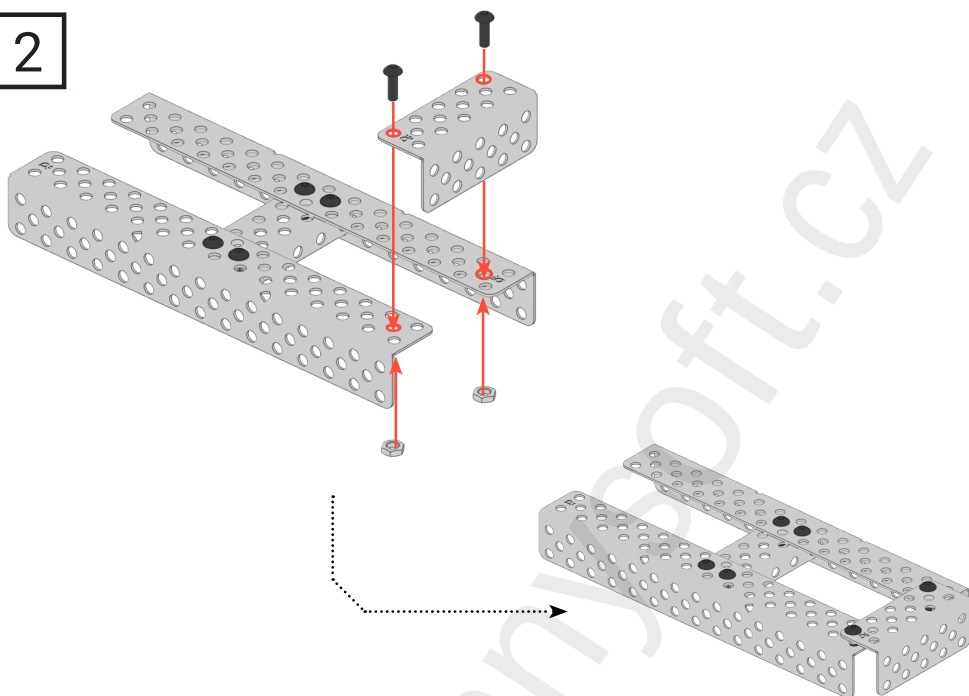


Nuts
x8

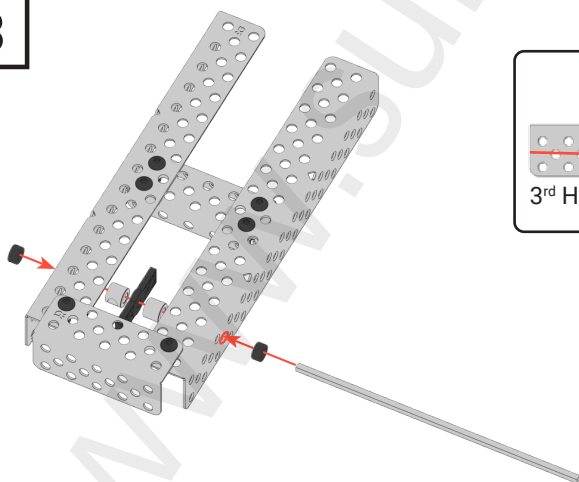
1



2



3



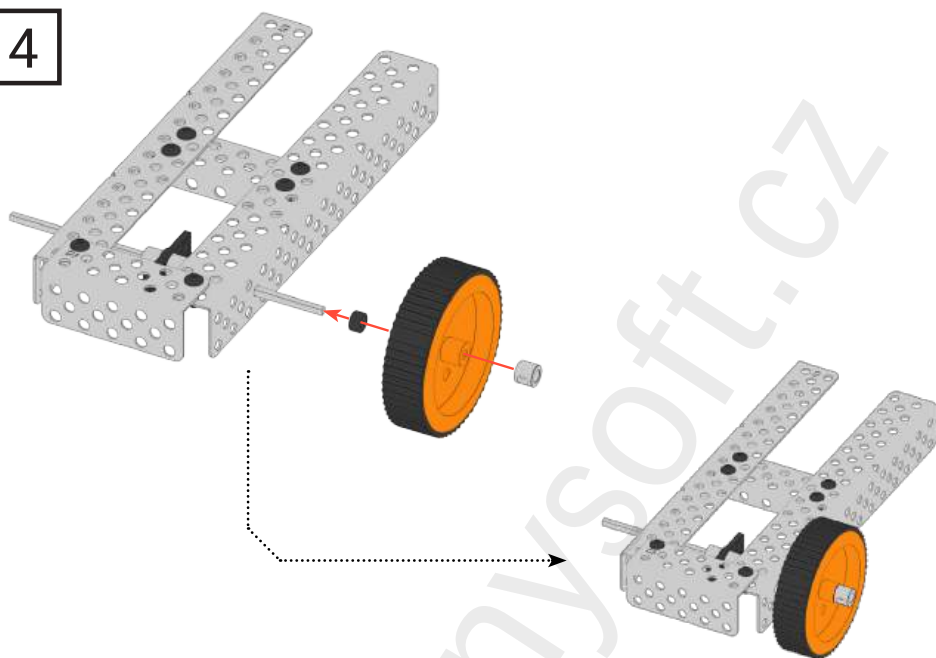
Side View



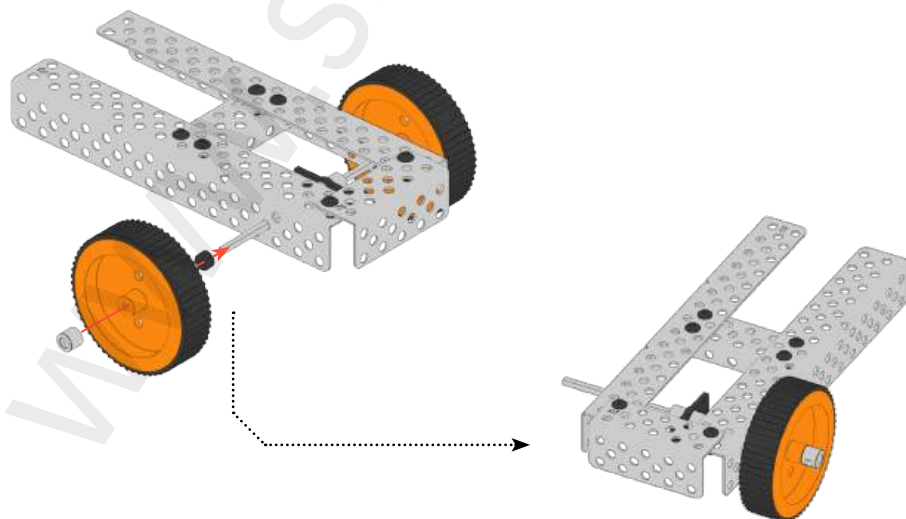
3rd Hole

1:1 5.5 Axle

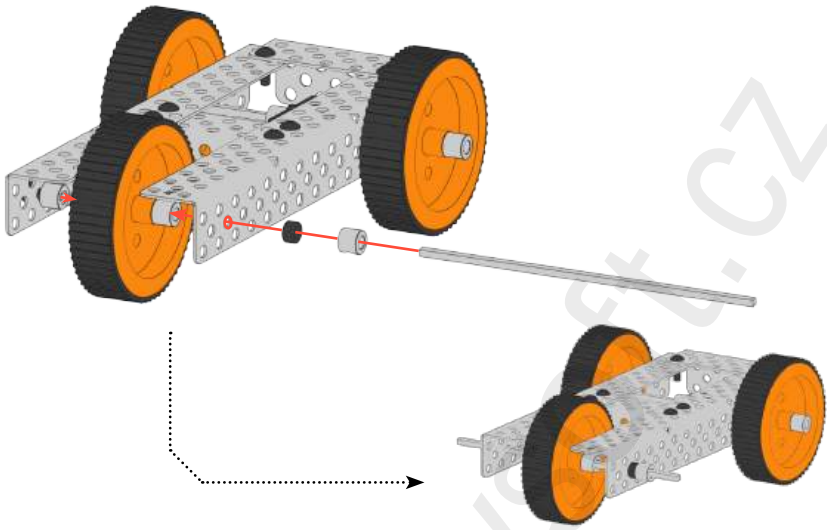
4



5

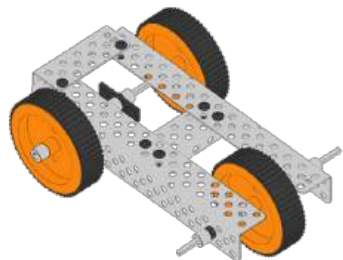
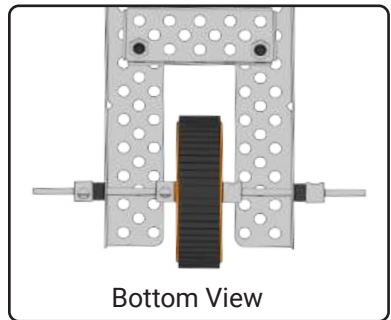
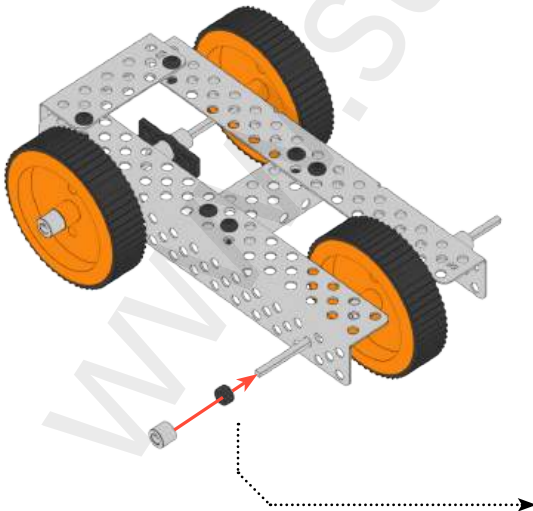


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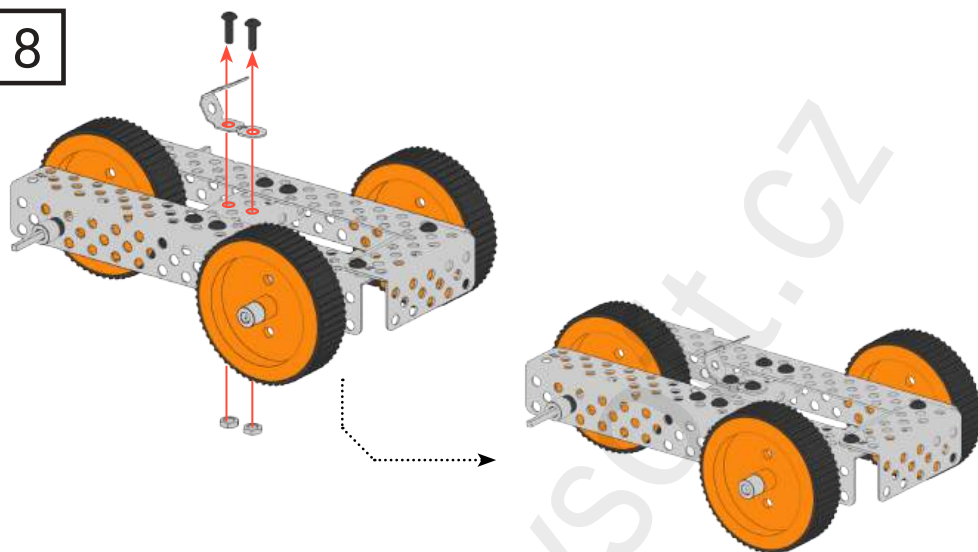


1:1 5.5 Axle

7



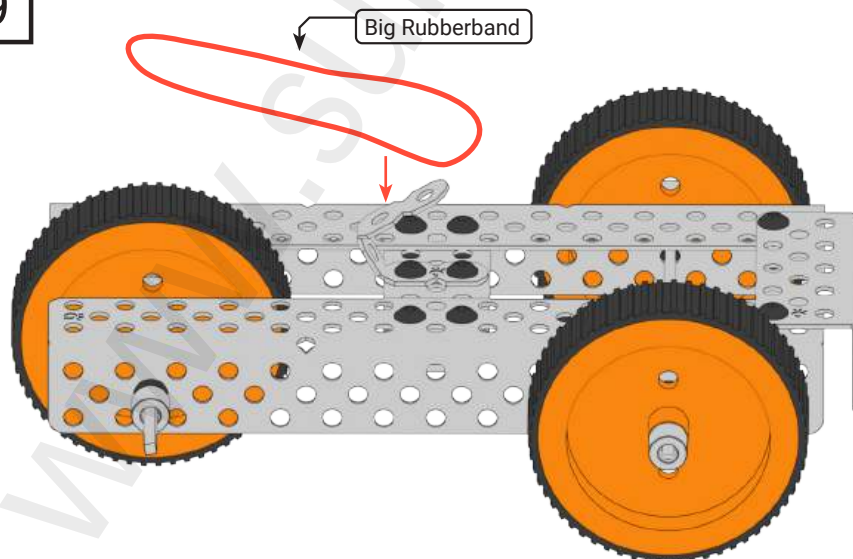
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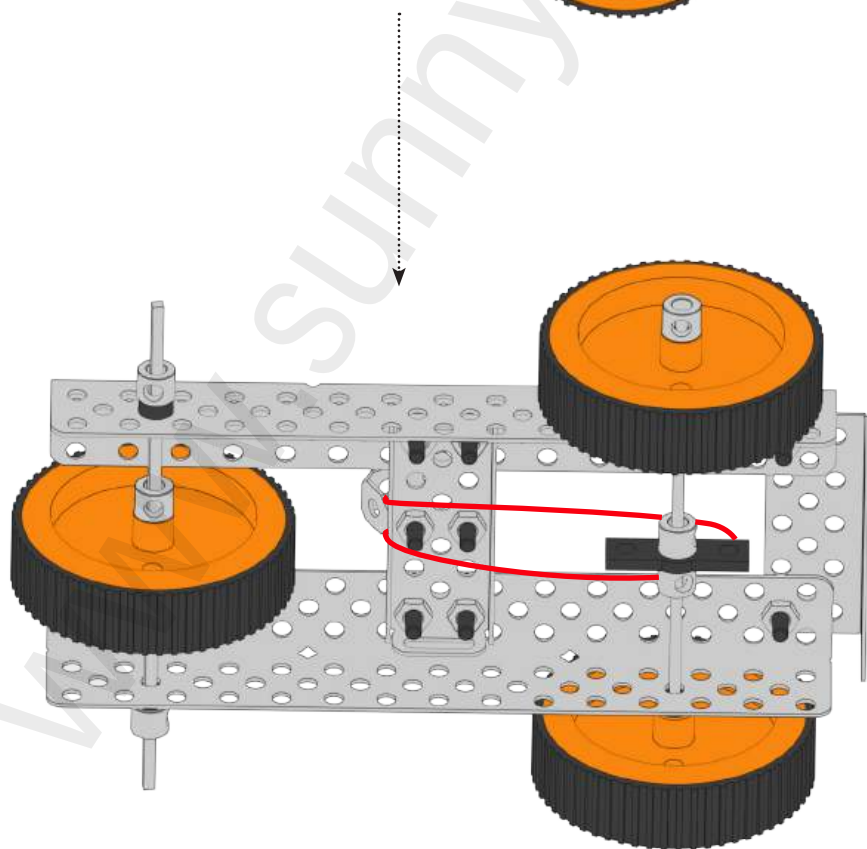
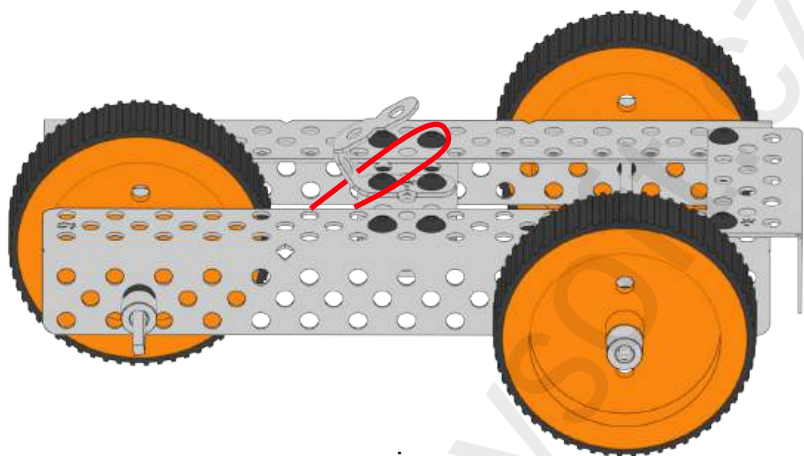
**Build Tip**

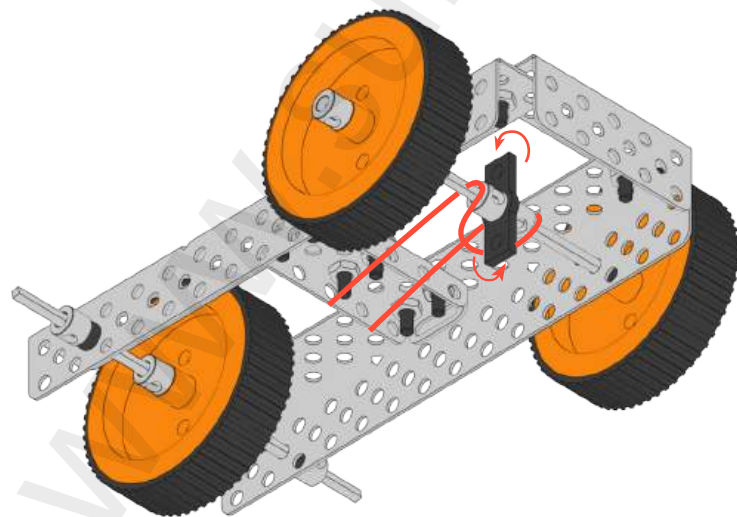
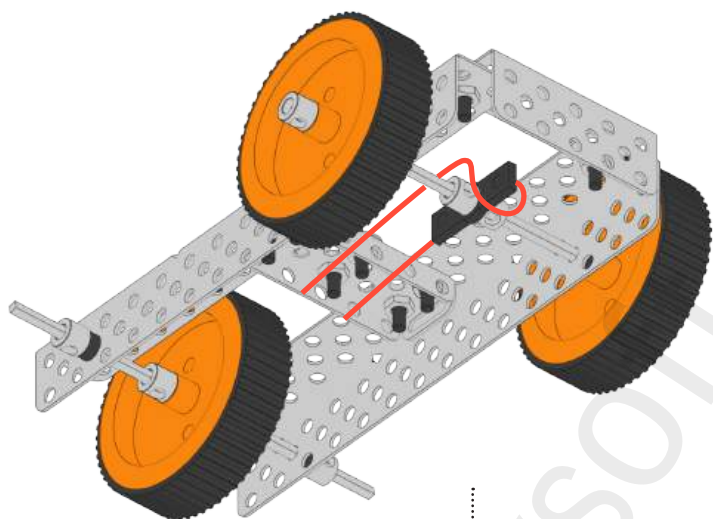
To know how to bend flexi refer to page no.9.



9

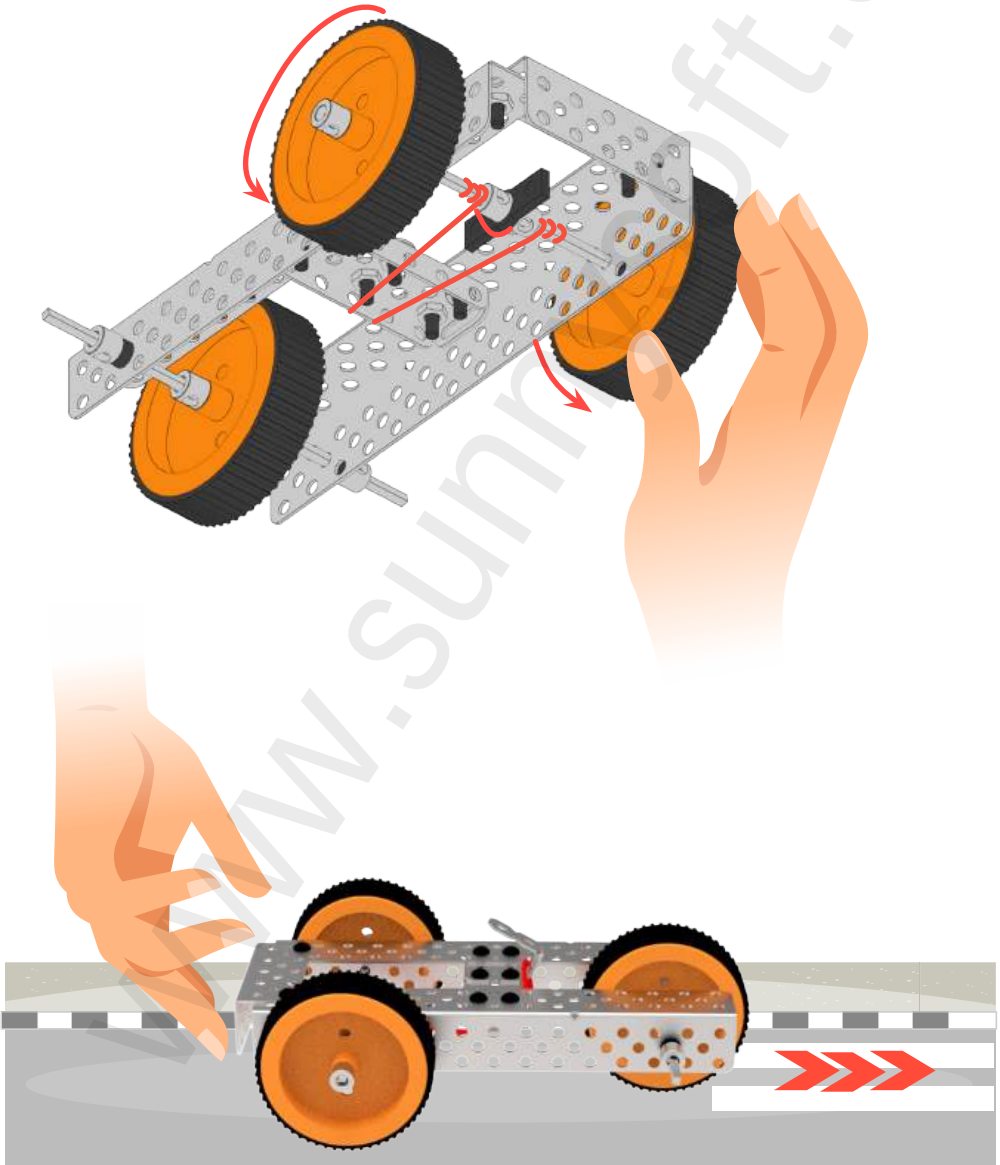




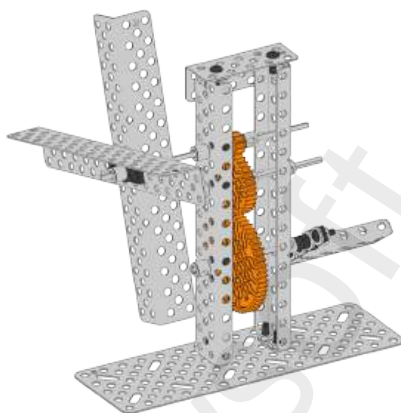


How to play

- Coil the rubber band on the rear axle with the help of wheels.
- Rotate the wheel in anti-clockwise direction.
- Hold the rubber band and Axle and place the bot on the surface.



Project 2: Fan



What will you need?



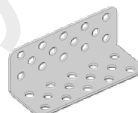
7.5"
Rectangular
Plate
x1



7.5"
L channel
x2



7.5"
U-Beam
x2



2.5"
L channel
x1



2.5"
Small Flexi
x1



2.5"
U-Beam
x1



fillers
x11



Axle lock
x10



3-Hole
Connectors
x2



5.5" Axle
x1



3.5" Axle
x2



Big spur gear
x1



Medium spur
gear
x1



Small Spur Gear
x1

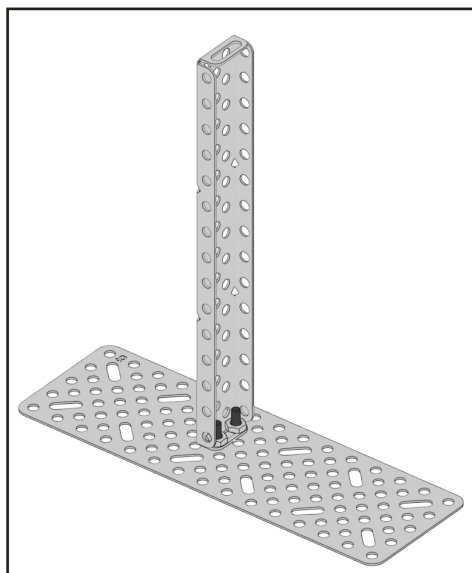
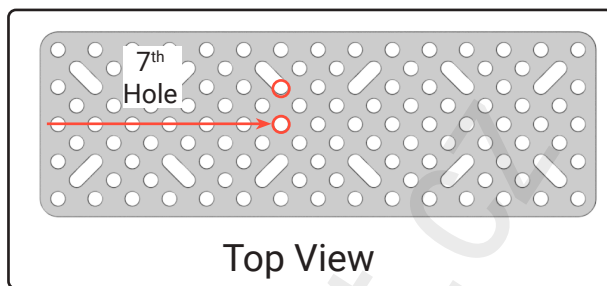
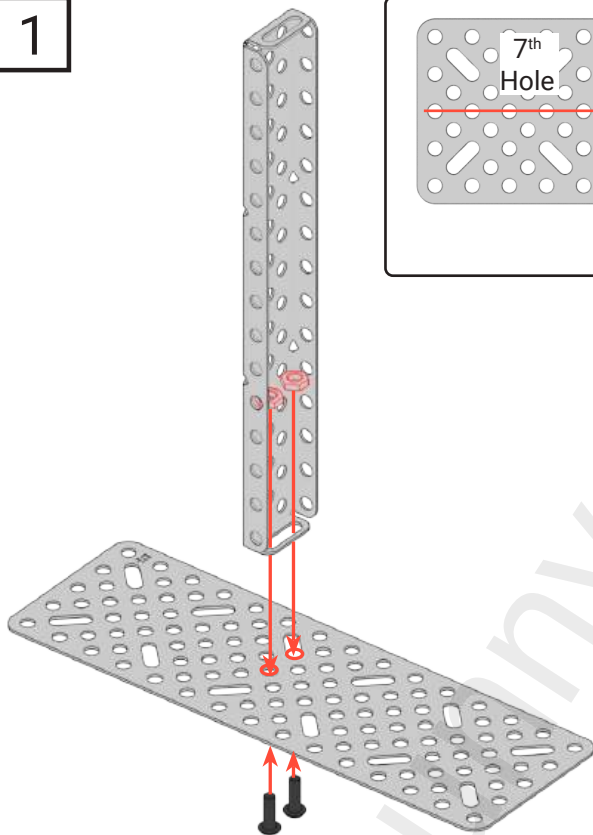


12mm Bolts
x14

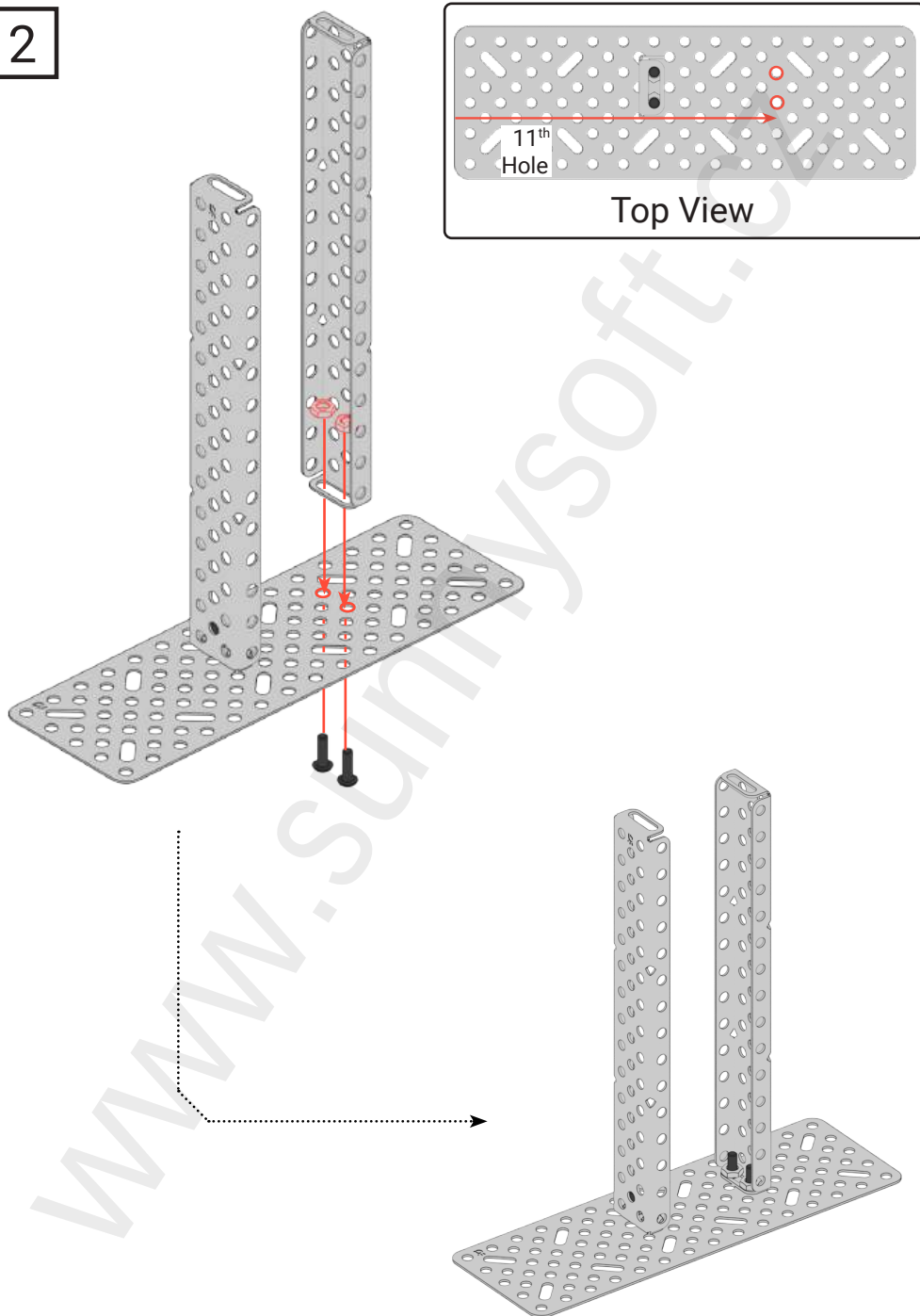


Nuts
x14

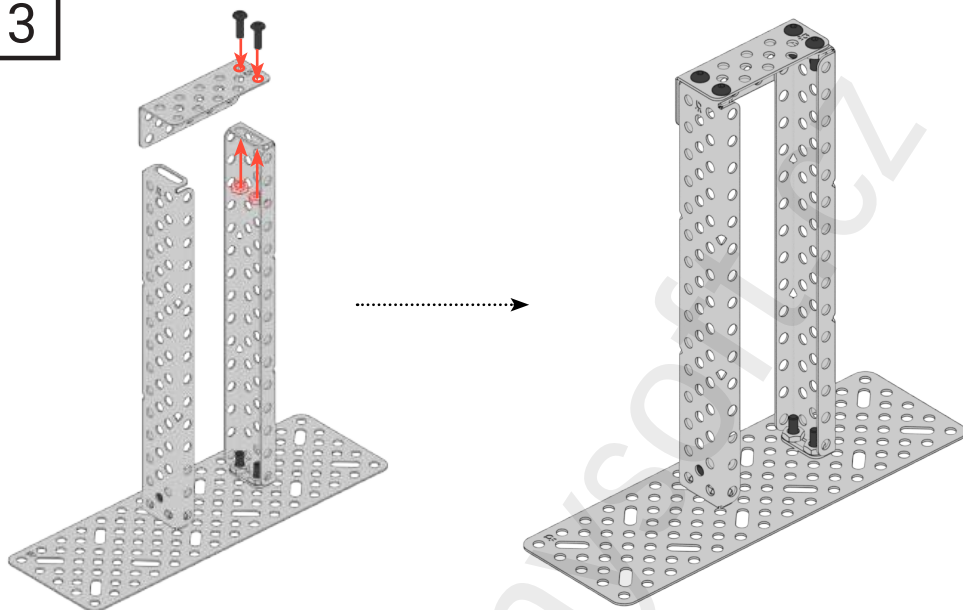
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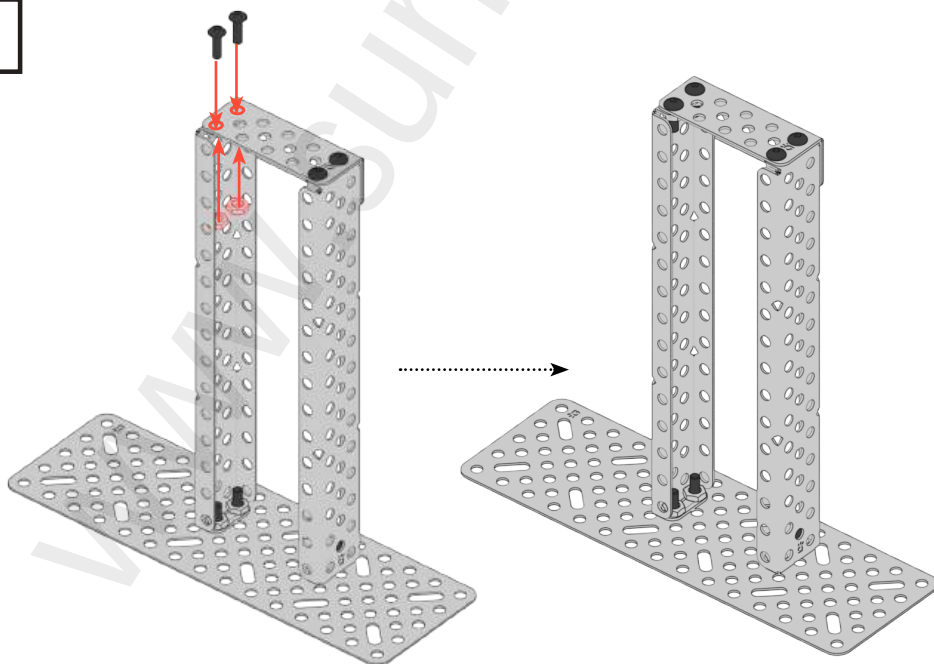
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3

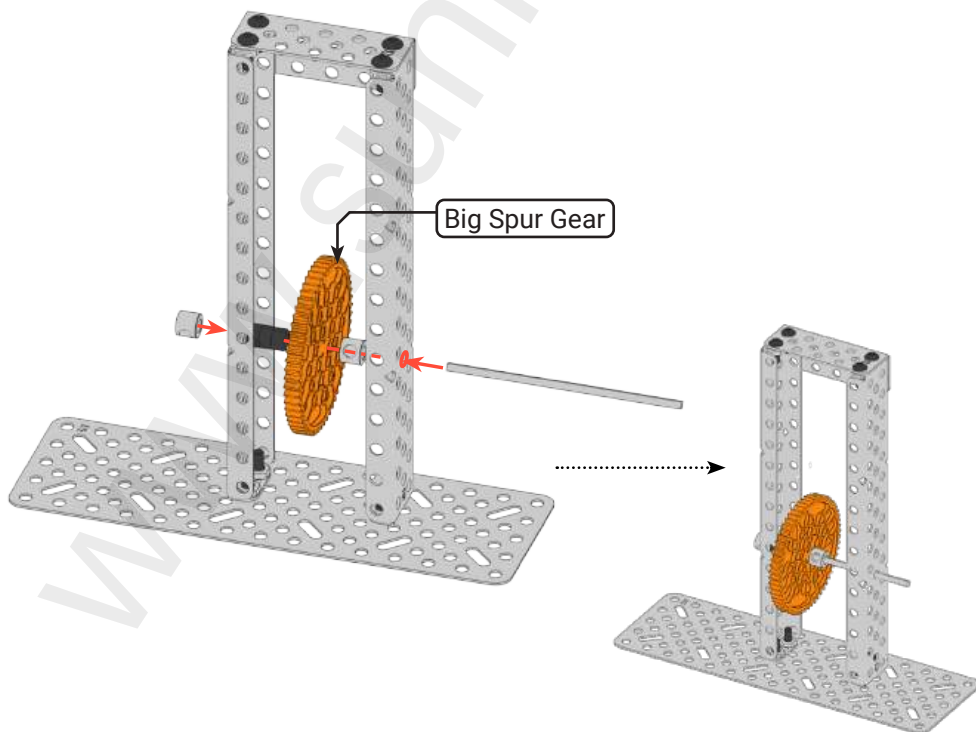
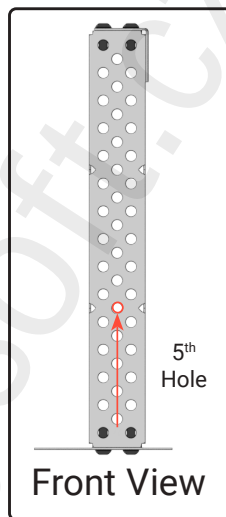
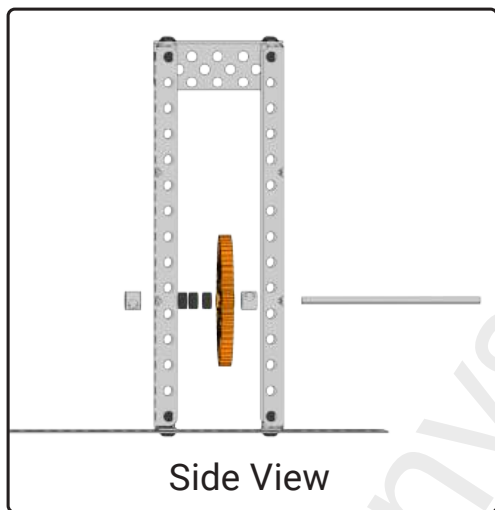


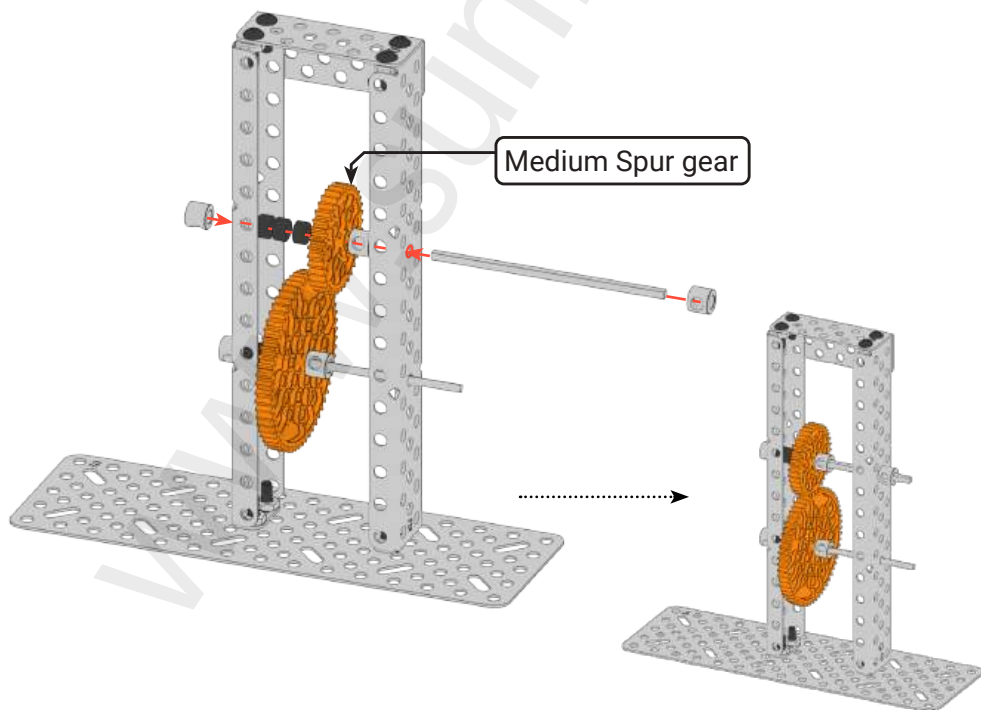
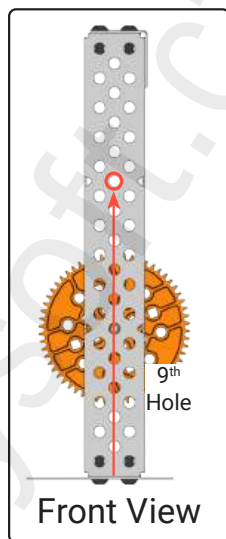
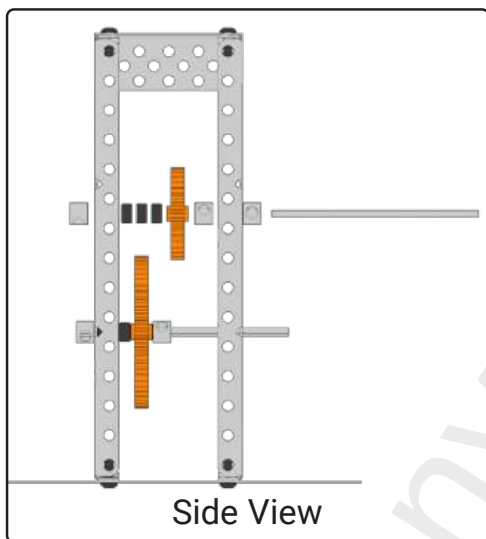
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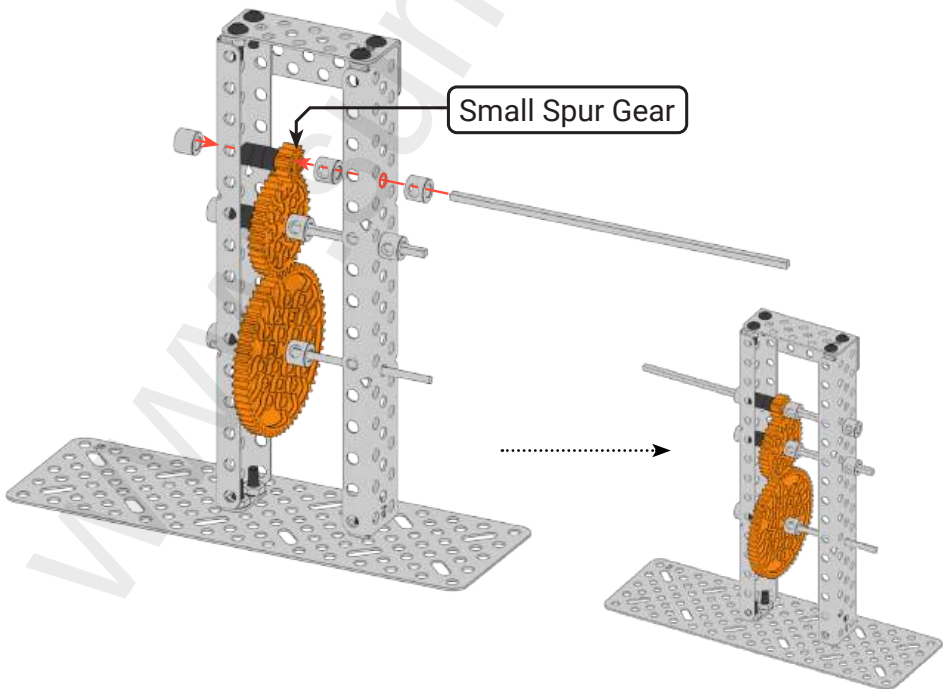
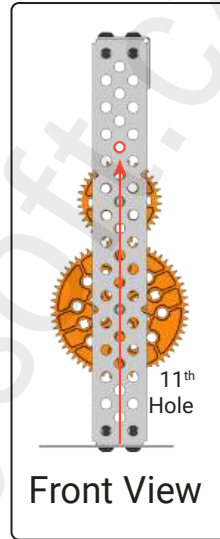
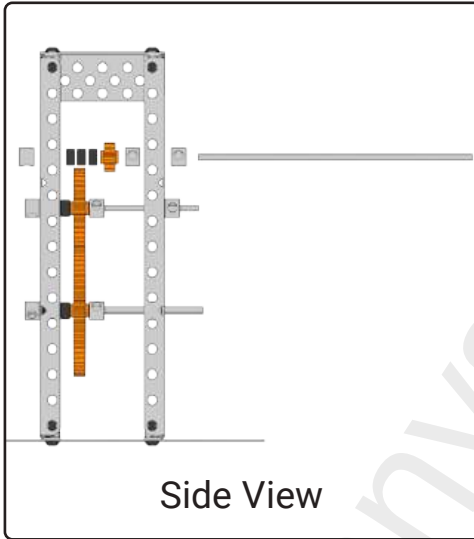
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1:1 3.5 Axle

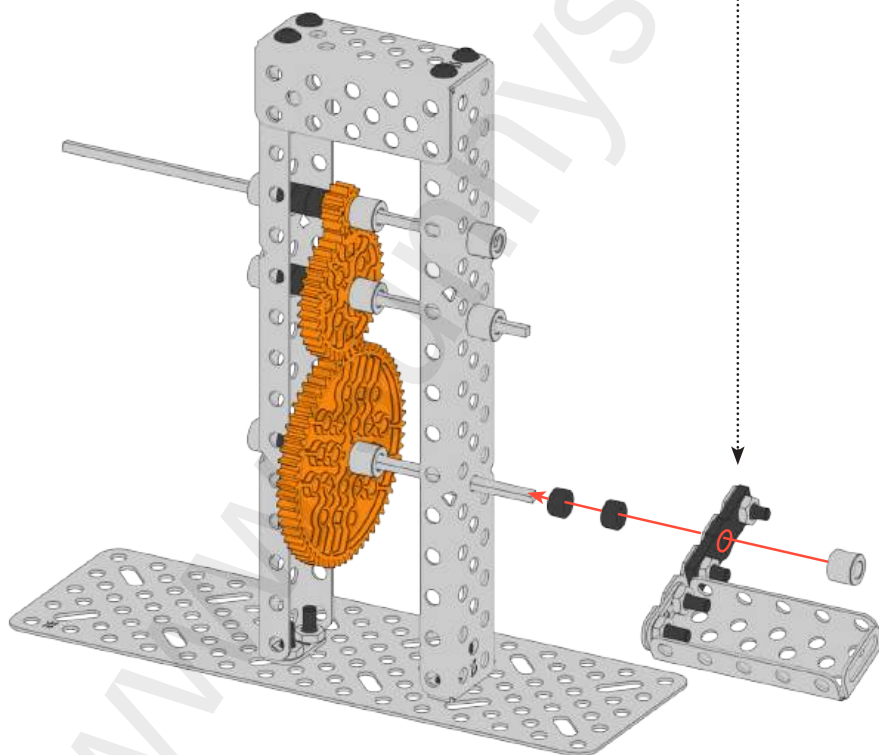
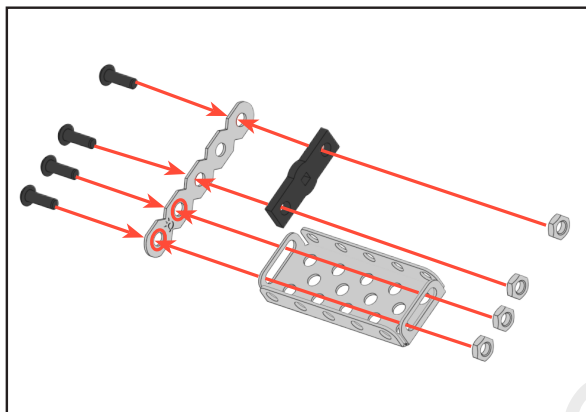




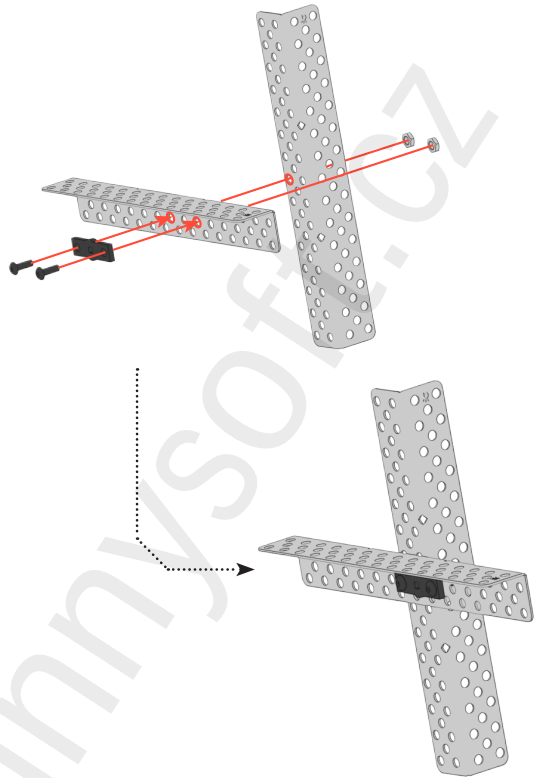
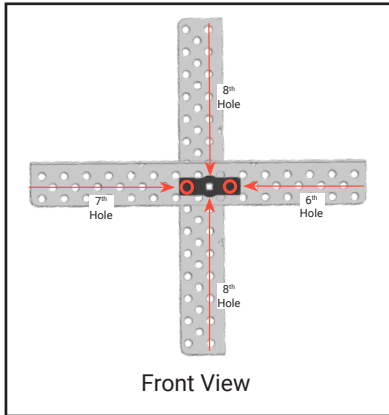
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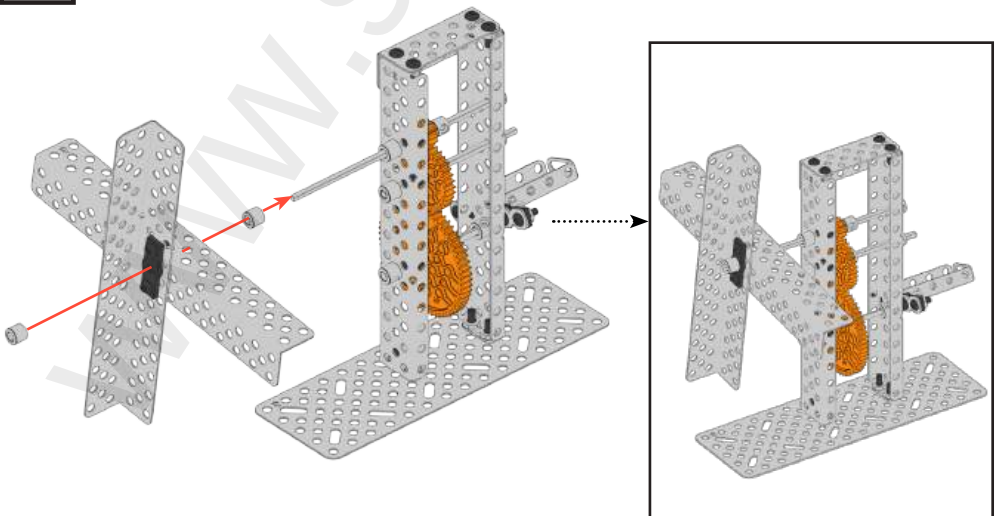
8



9

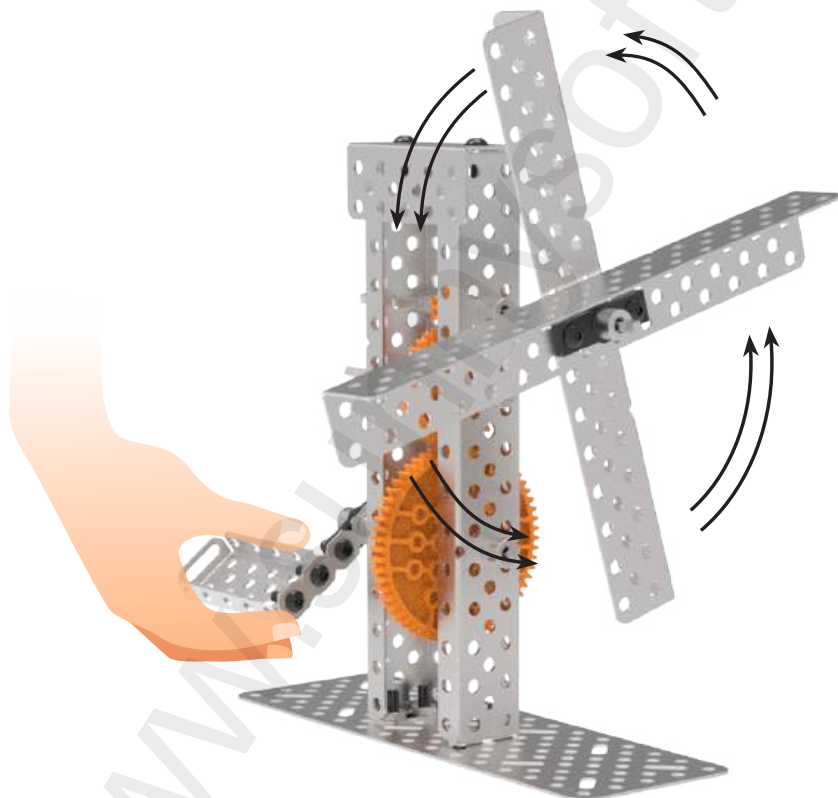


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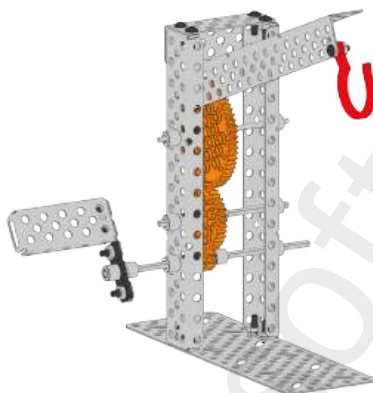


How to play

- With the help of lever/handle rotate the fan.



Project 3: Crane



What will you need?



7.5"
Rectangle plate
x1



7.5"
L channel
x1



7.5"
U-Beam
x2



2.5"
L channel
x1



2.5"
Small Flexi
x1



2.5"
U-Beam
x1



5.5" Axle
x1



3.5" Axle
x2



3-Hole
Connectors
x1



Big spur gear
x1



Medium spur
gear
x1



Small Spur Gear
x1



Axle lock
x1



fillers
x9



Nuts
x15

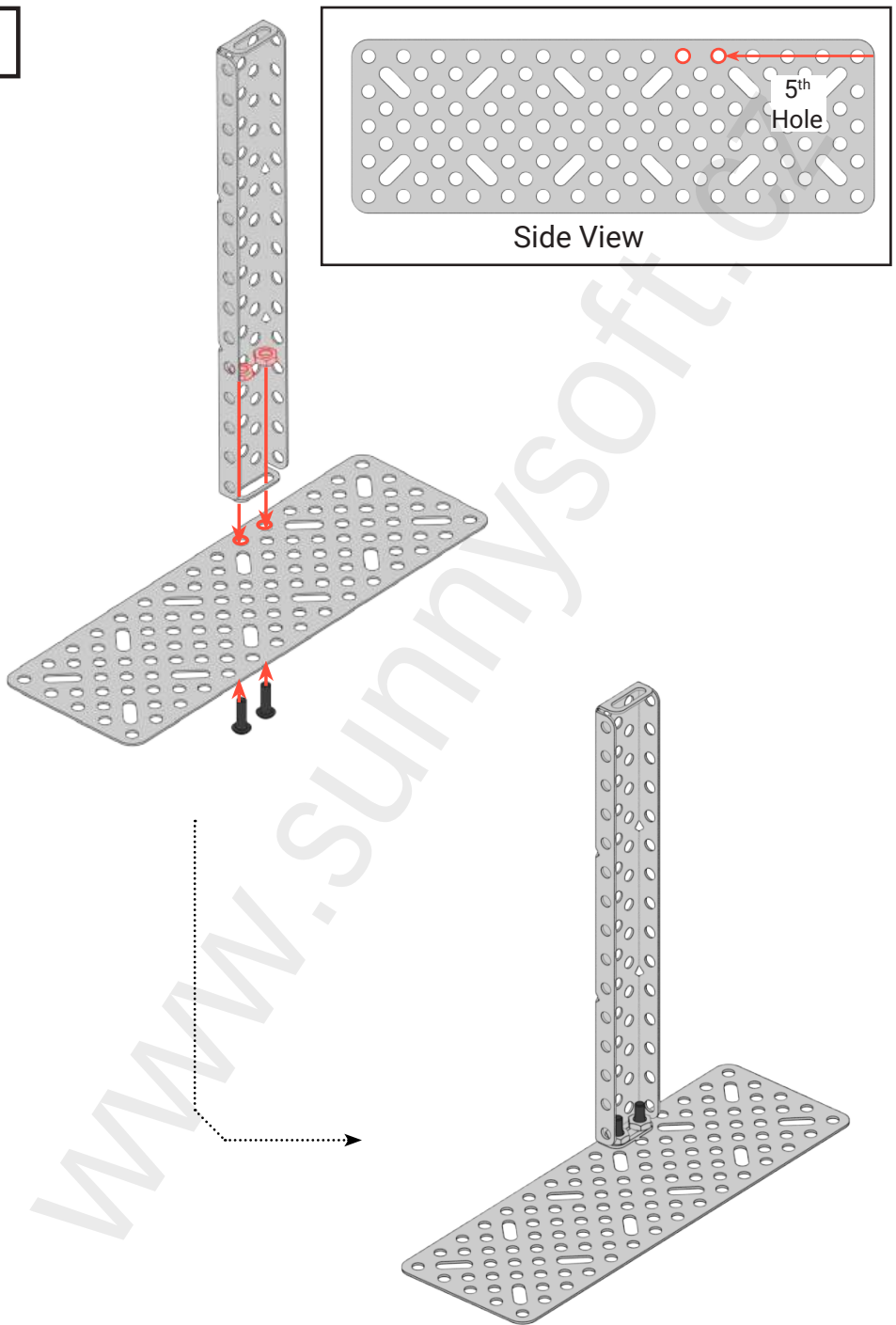


12mm Bolts
x15

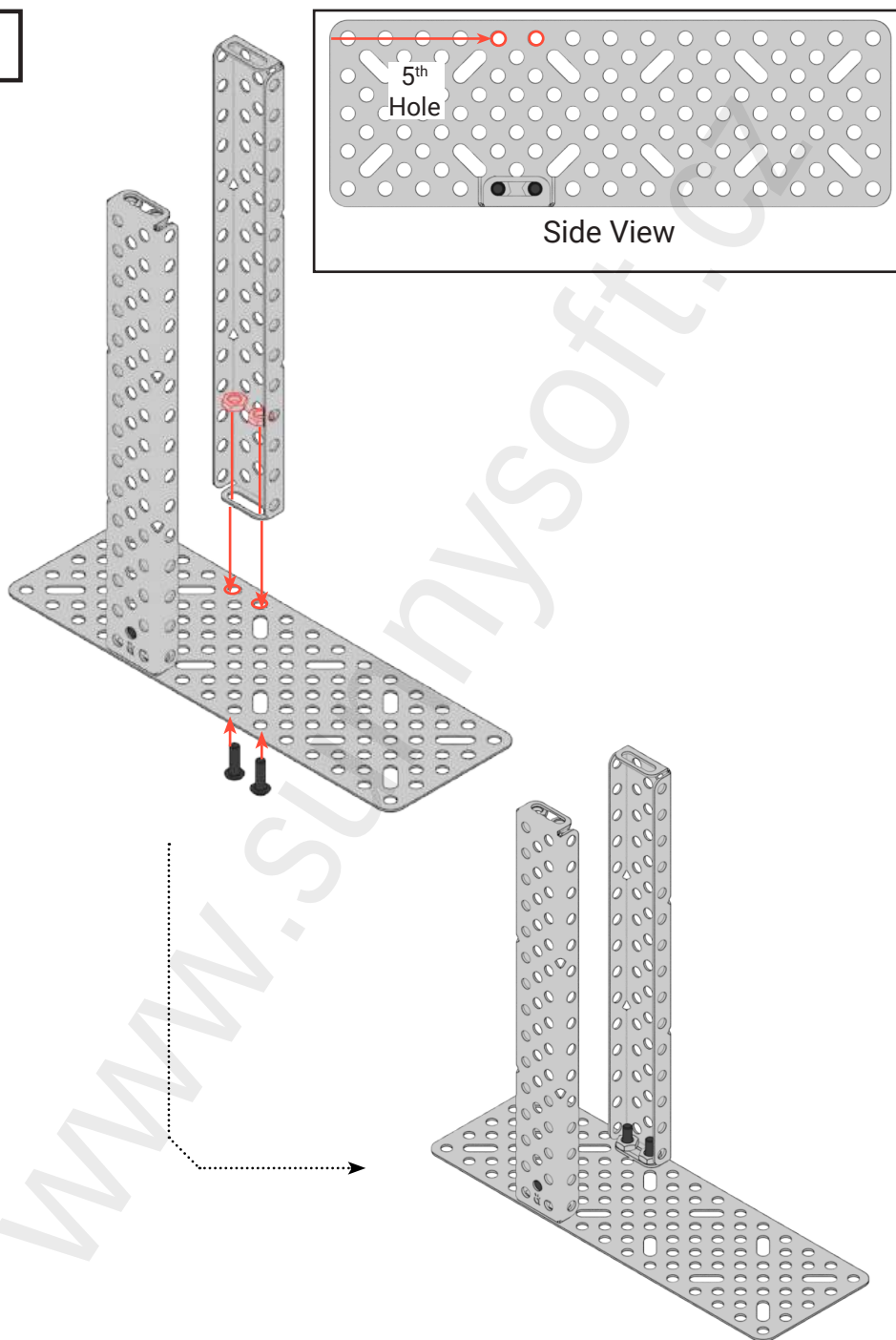


Plastic Hook
x1

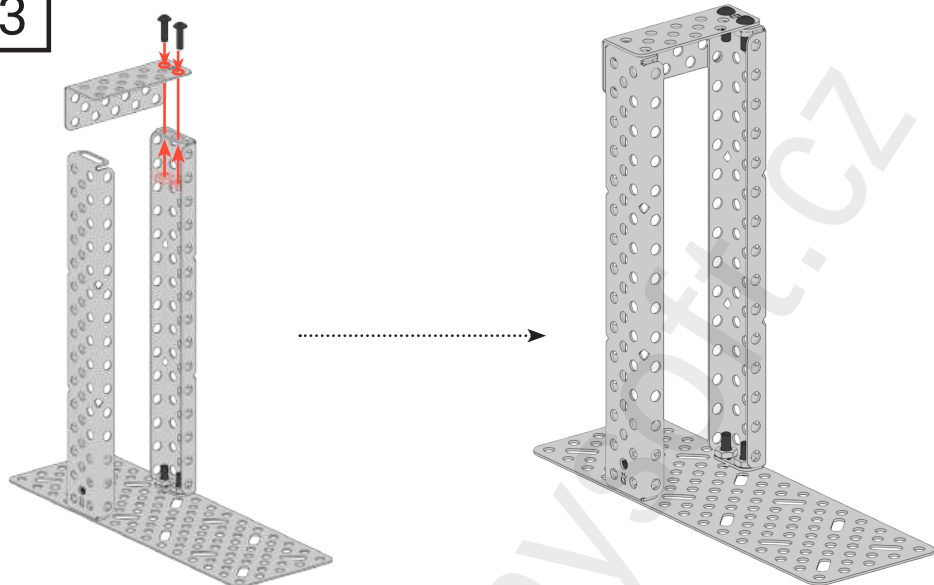
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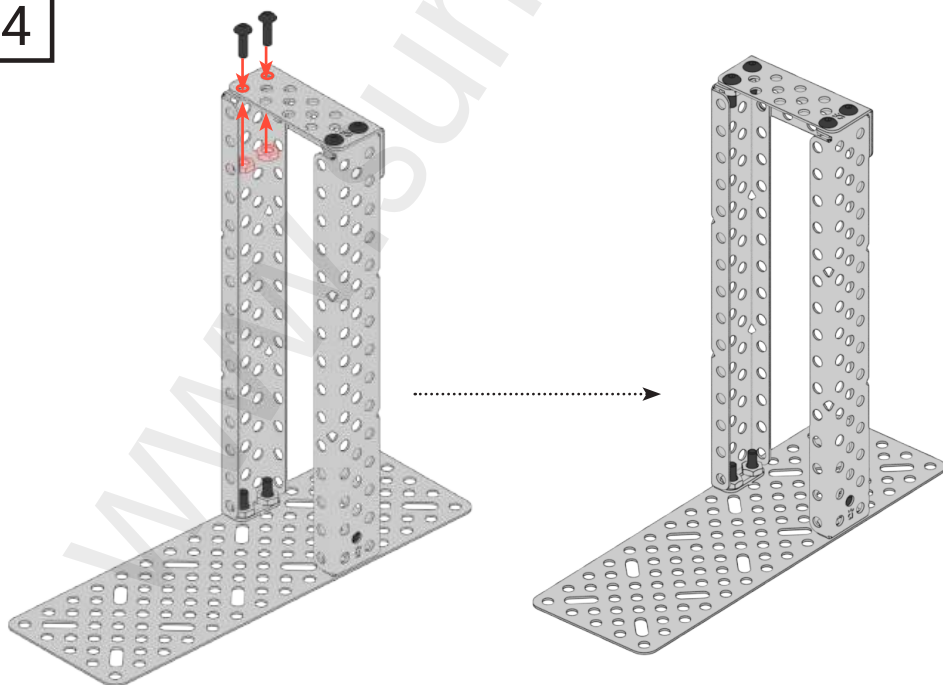
2



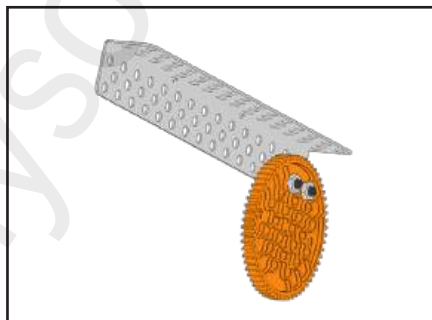
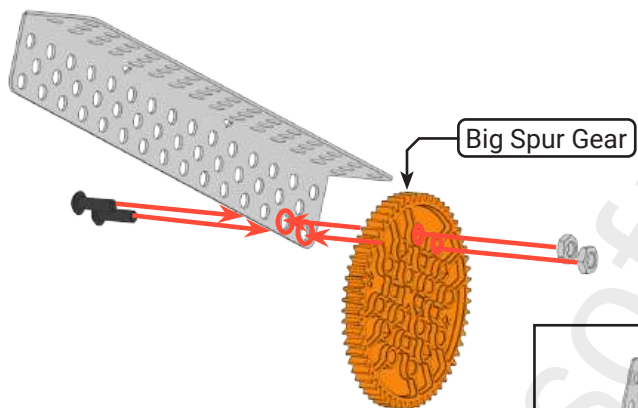
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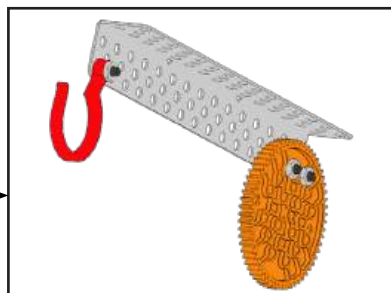
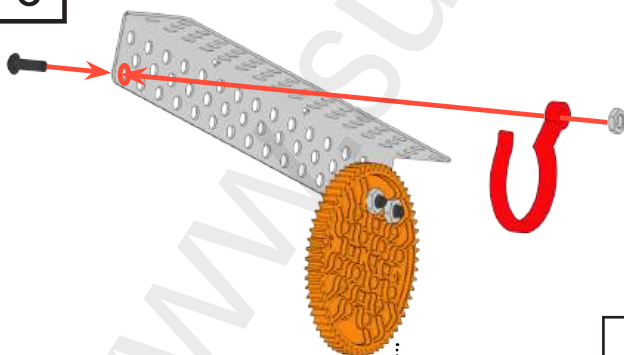
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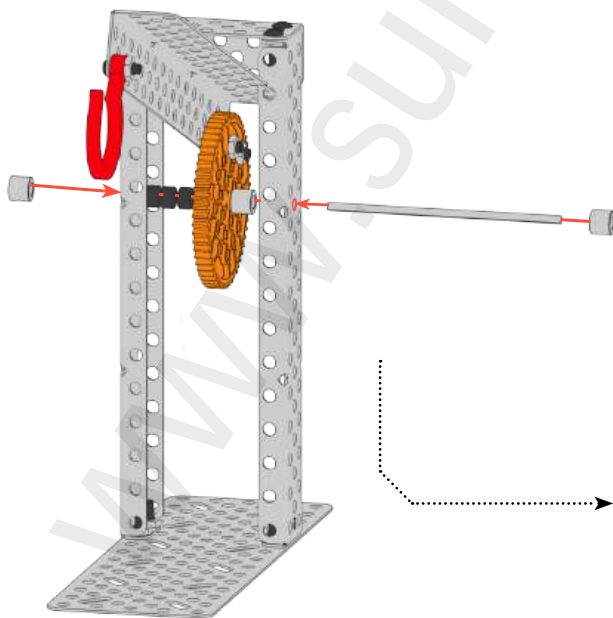
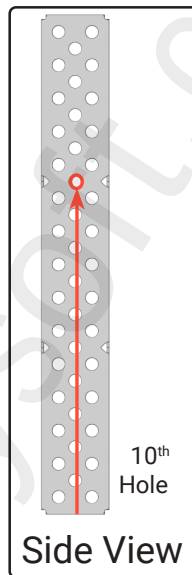
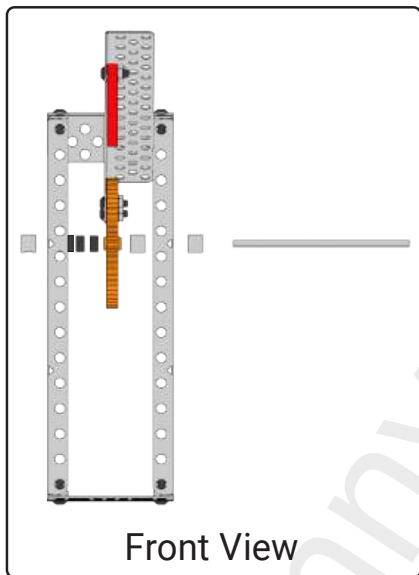


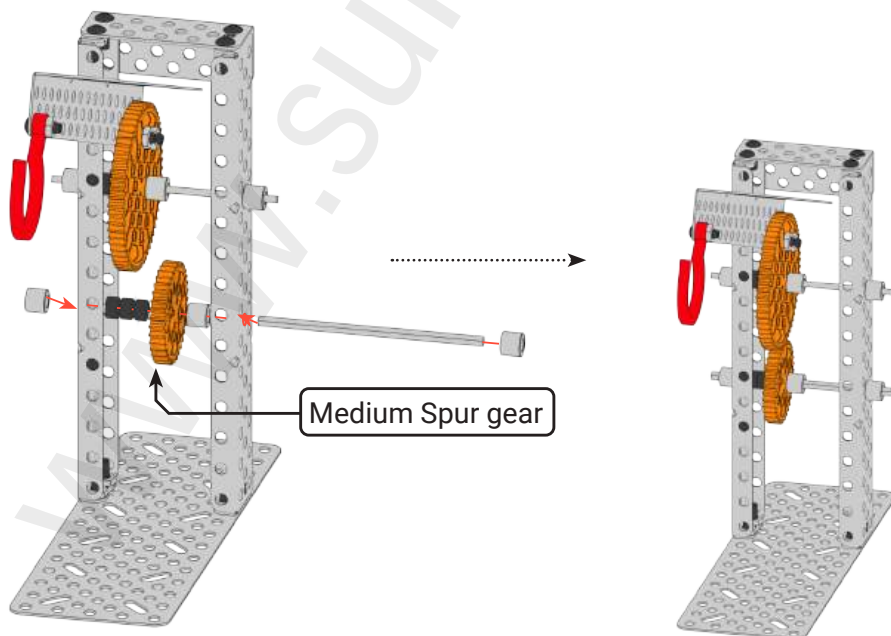
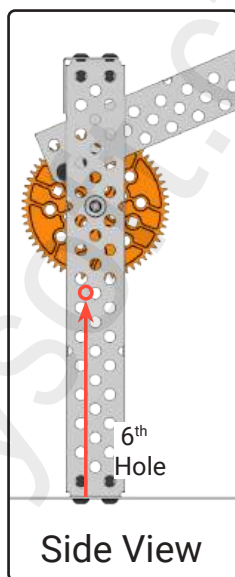
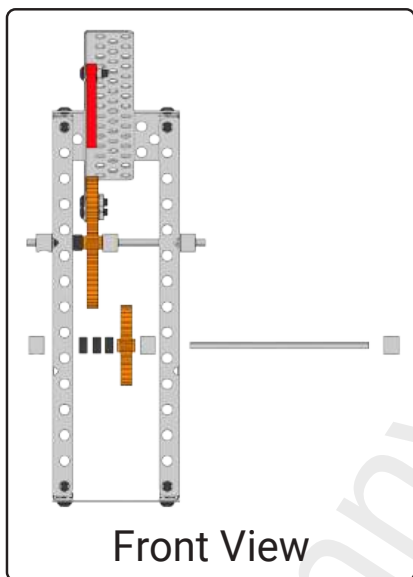
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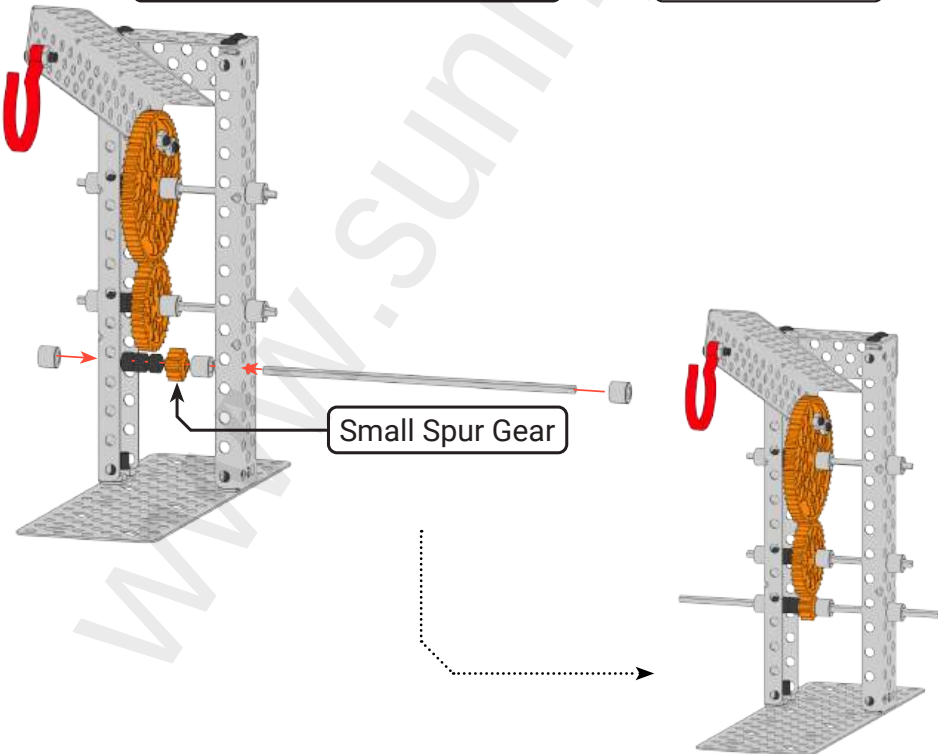
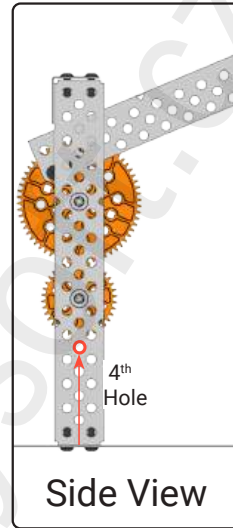
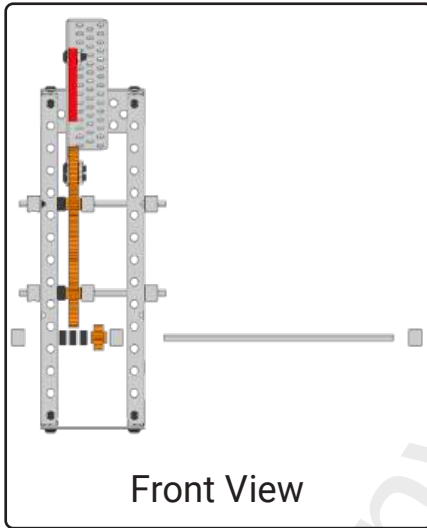
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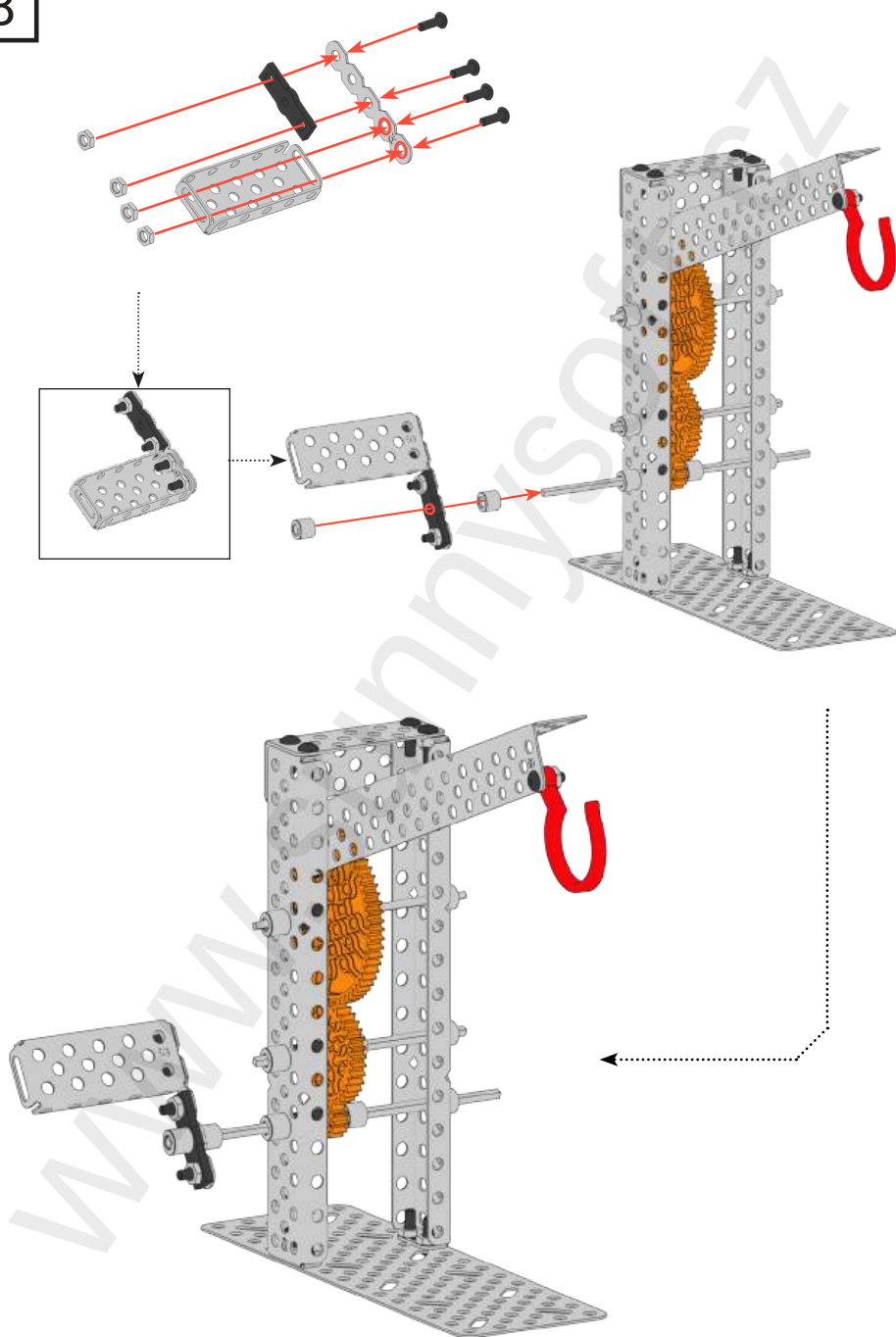




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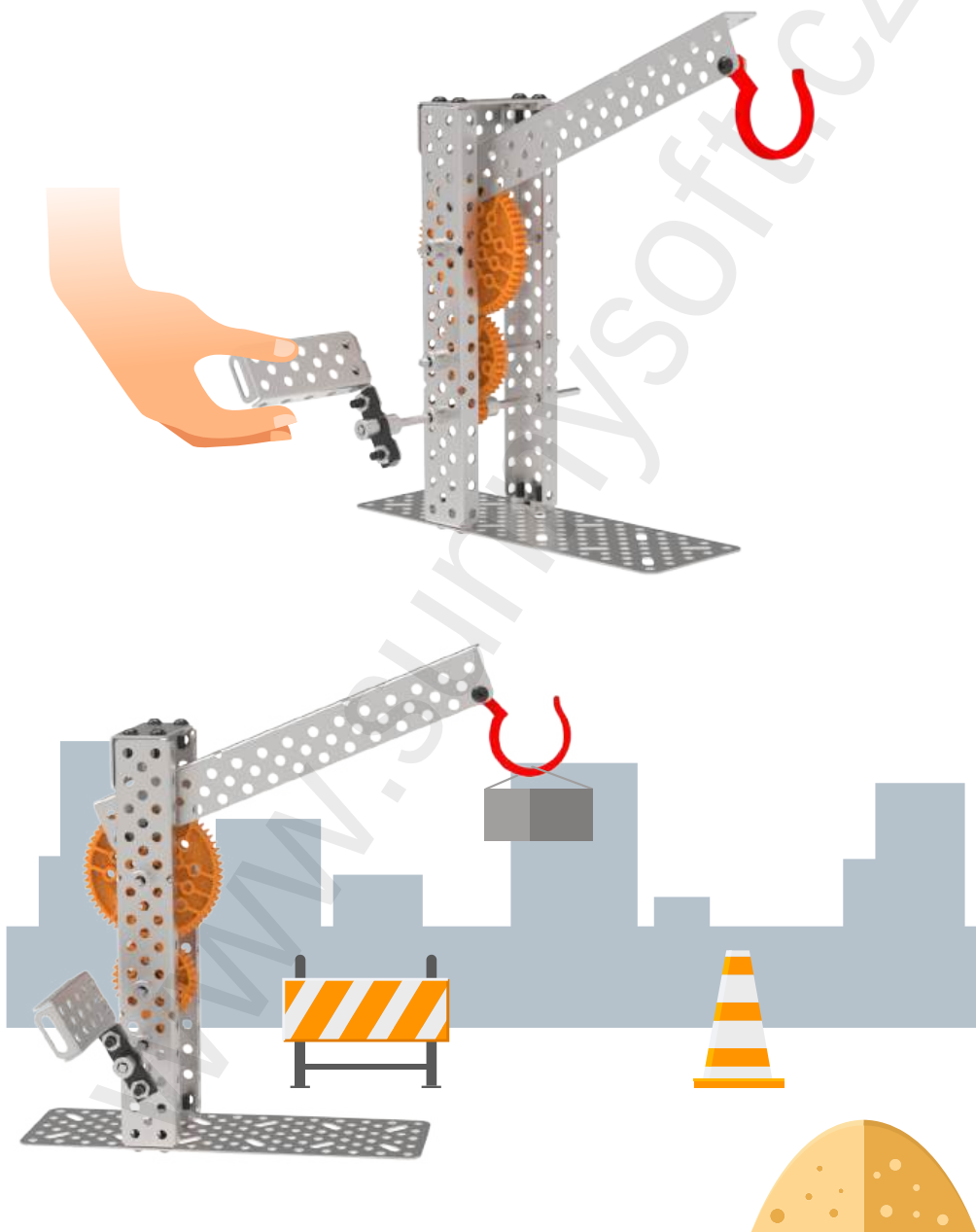


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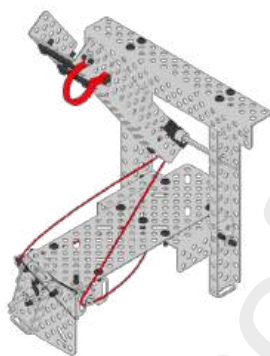


How to play

- Rotate the lever/handle to lift the object and make the crane work.



Project 4: Catapult



What will you need?



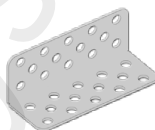
7.5"
Rectangular
plate
x1



7.5"
L-Channel
x2



7.5"
U-Beam
x2



2.5"
L-Channel
x3



2.5"
Flexi
x1



2.5"
U-Beam
x3



Fillers
x1



Axle lock
x9



3-Hole
Connectors
x5



5.5" Axle
x1



3.5" Axle
x2



2.5"
L channel
x1



12mm Bolts
x31



Nuts
x31



Plastic Hook
x1

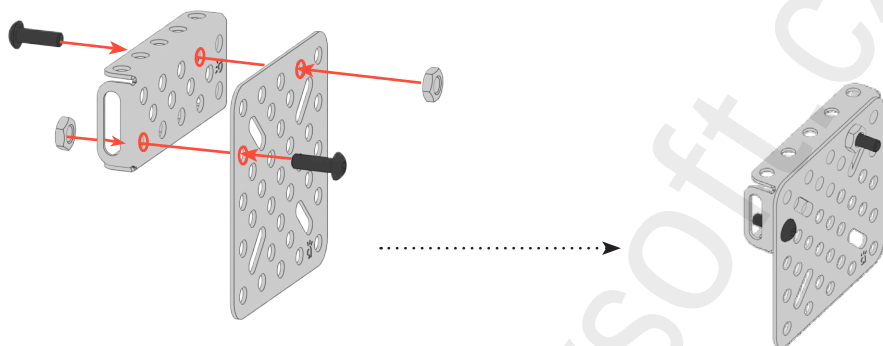


Big Rubber
Band
x1

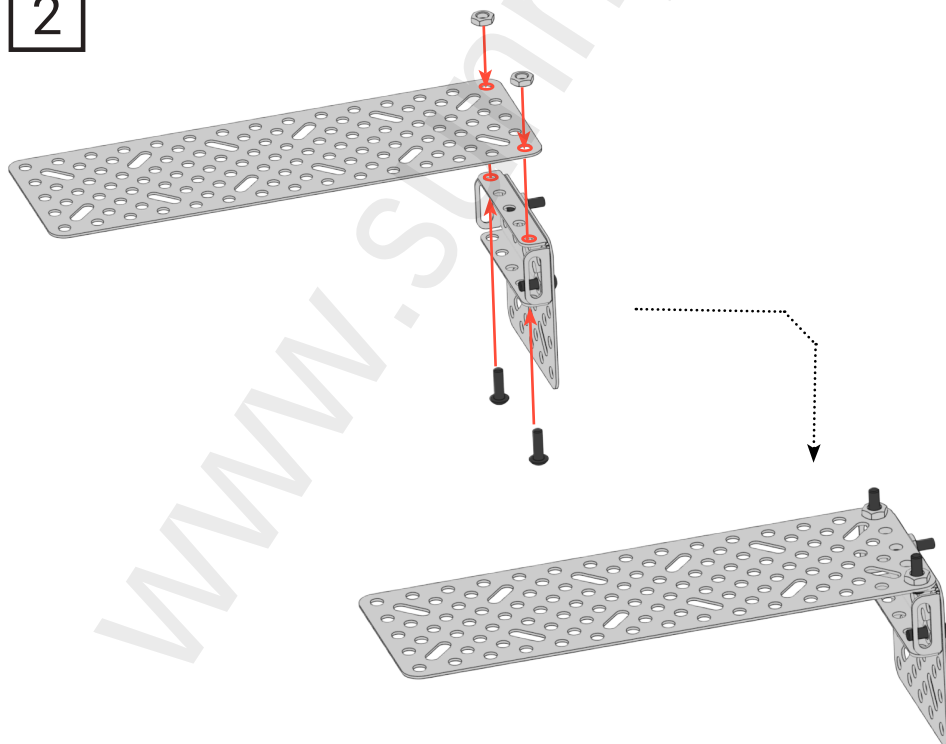


Small Rubber
Band
x1

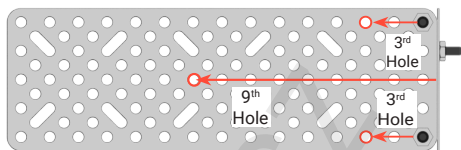
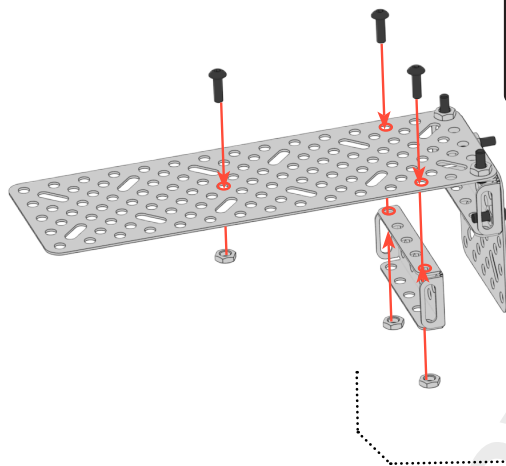
1



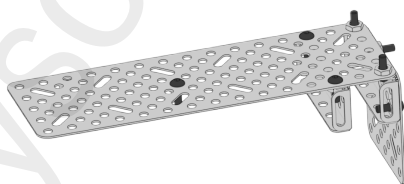
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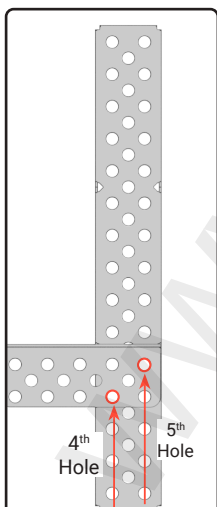
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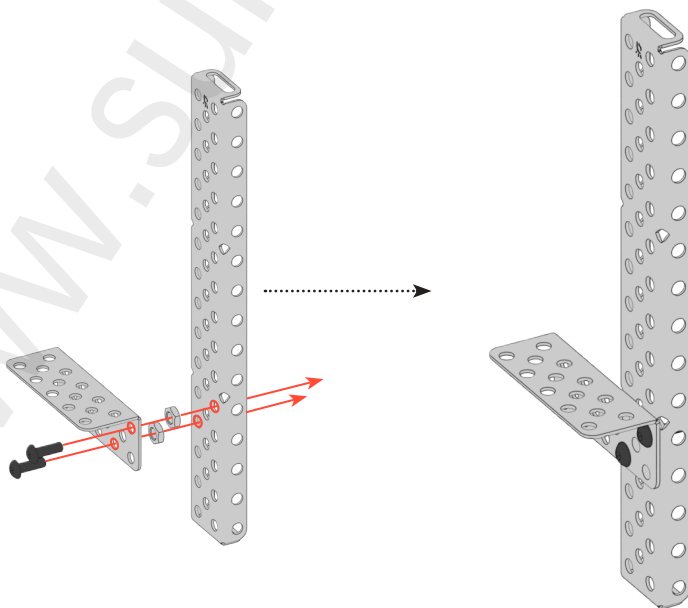
Top View



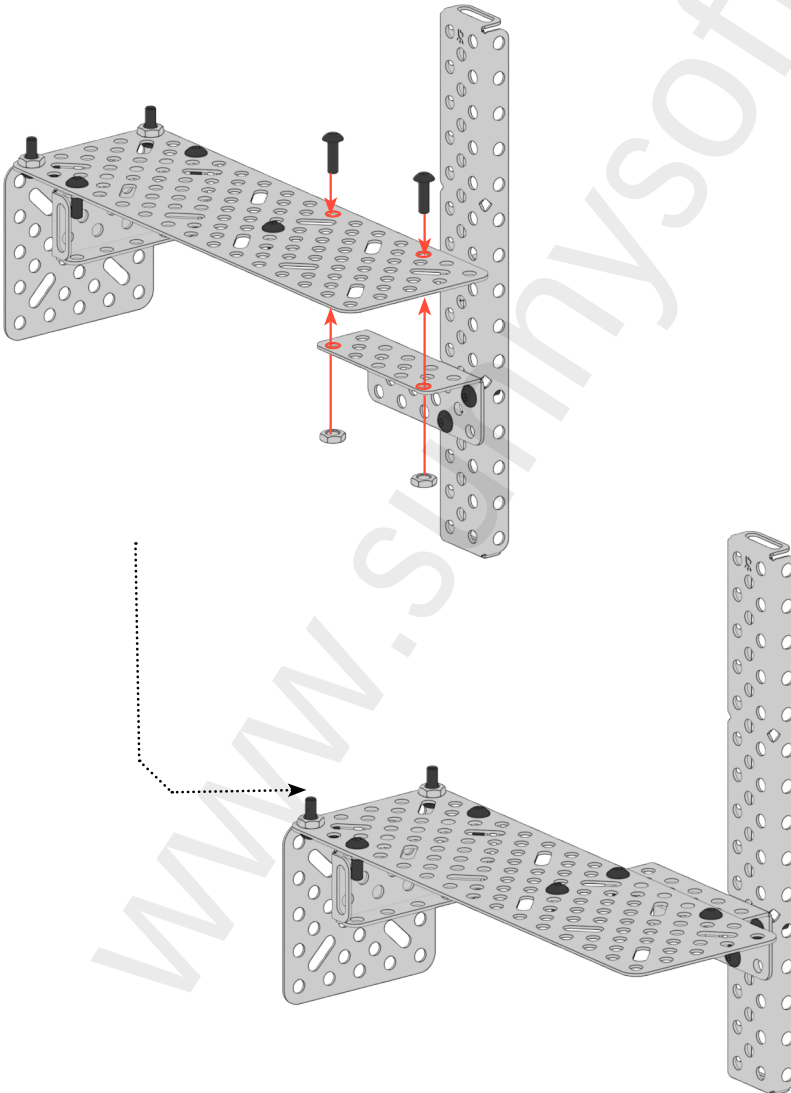
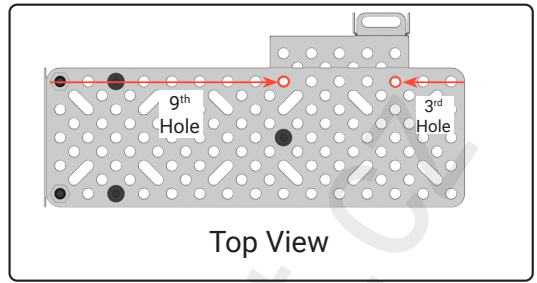
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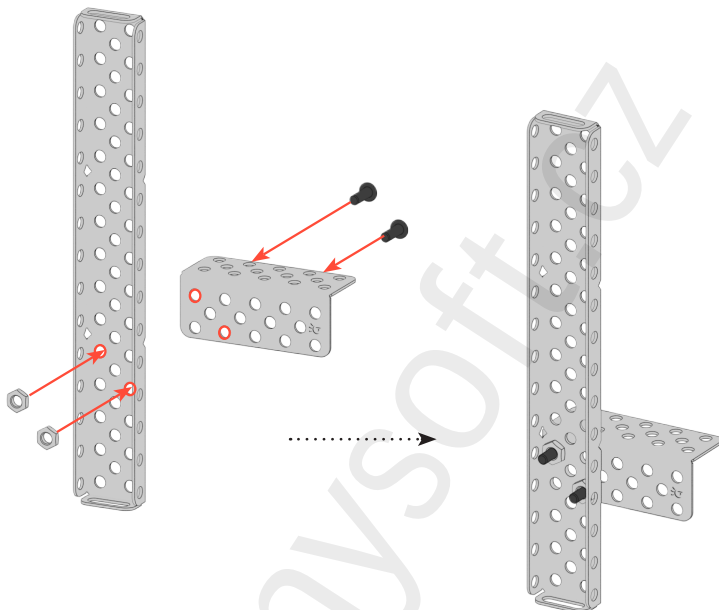
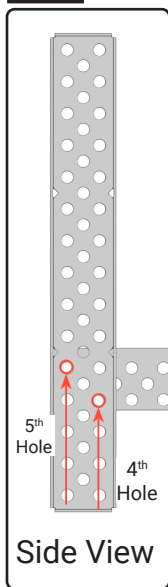
Side View



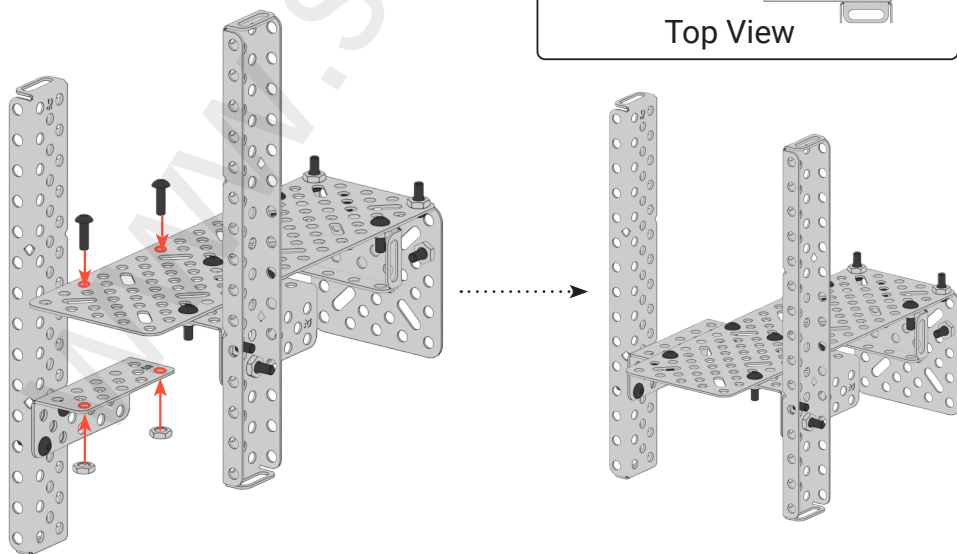
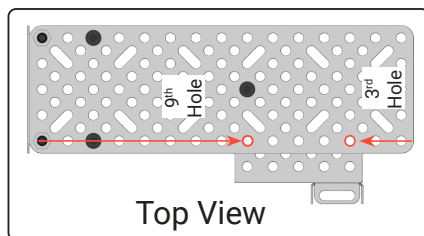
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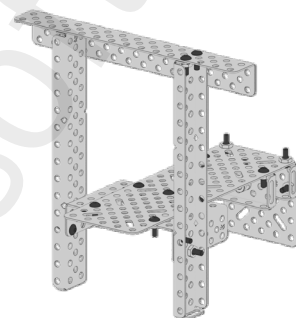
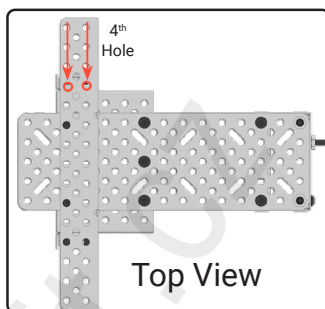
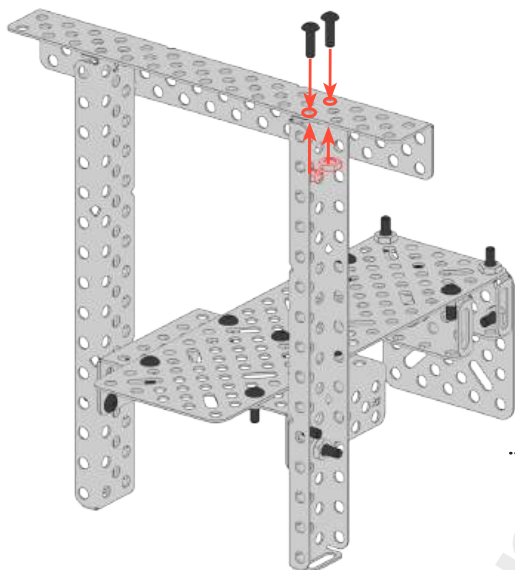
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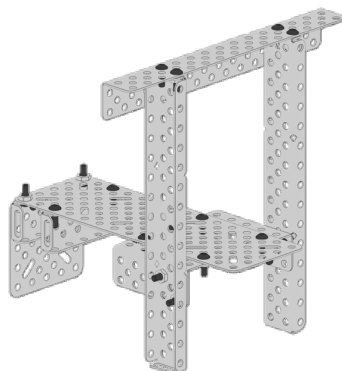
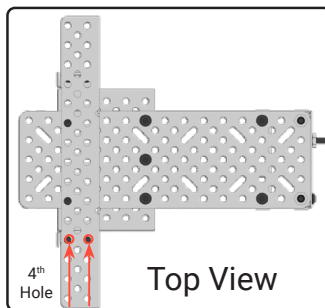
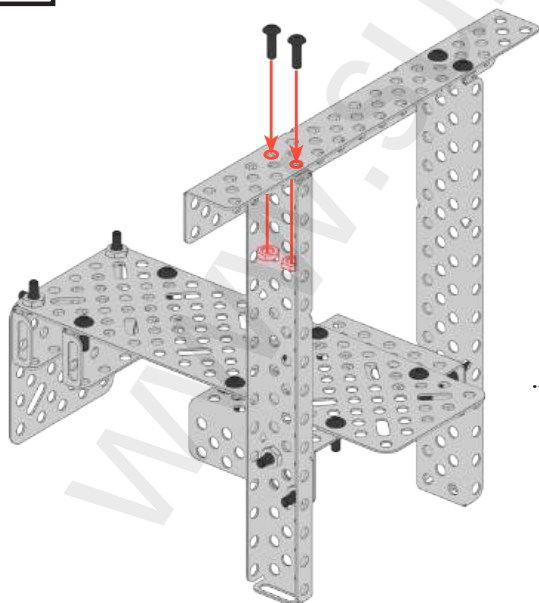
7



8

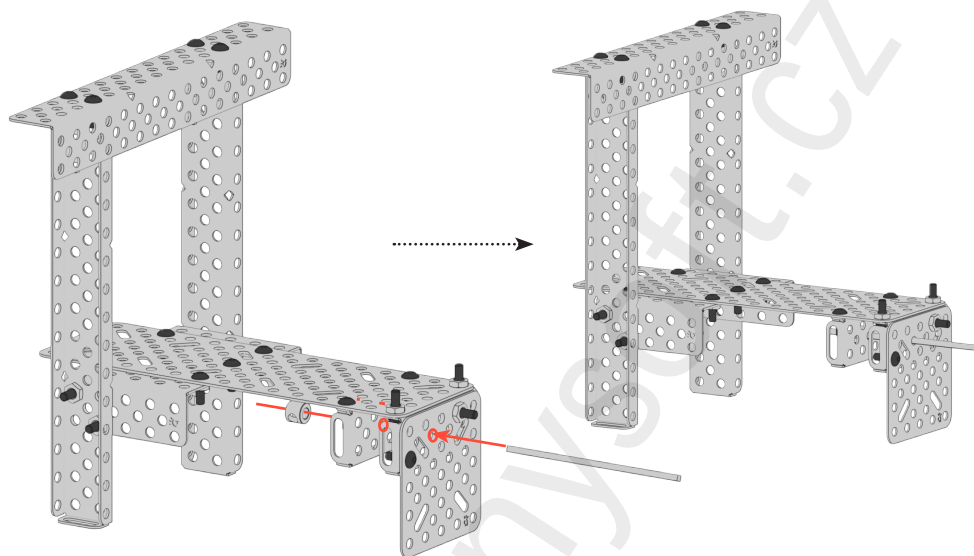


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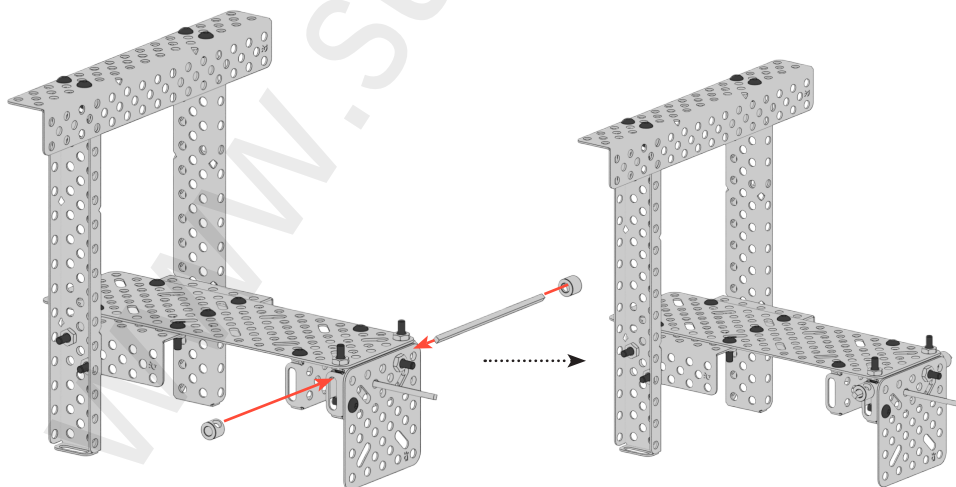
10

1:1 3.5 Axle

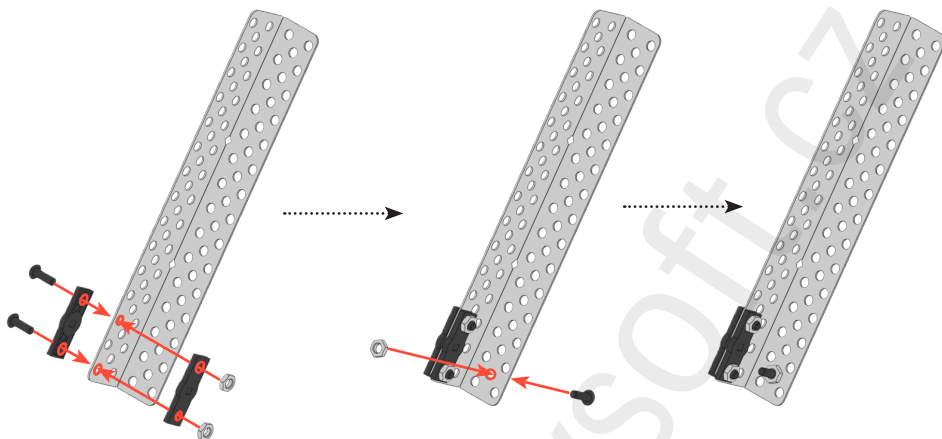


11

1:1 3.5 Axle

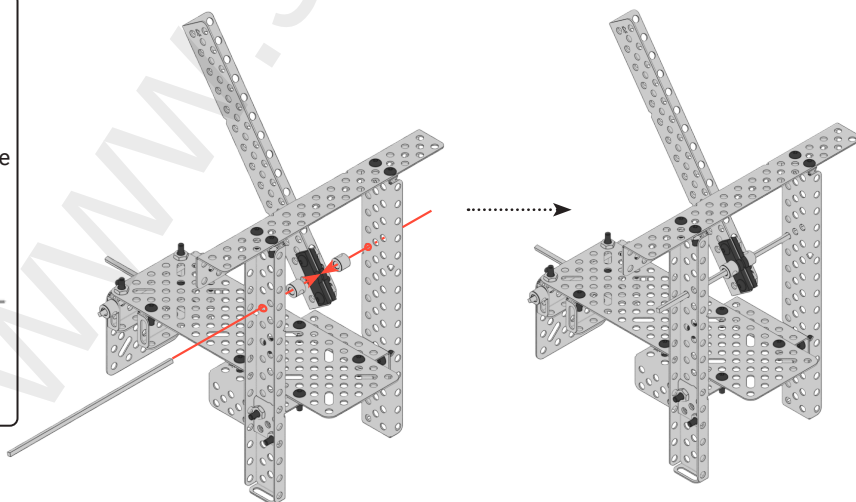
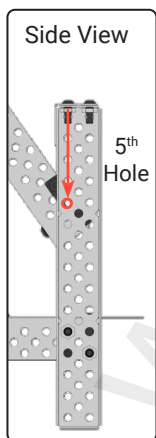


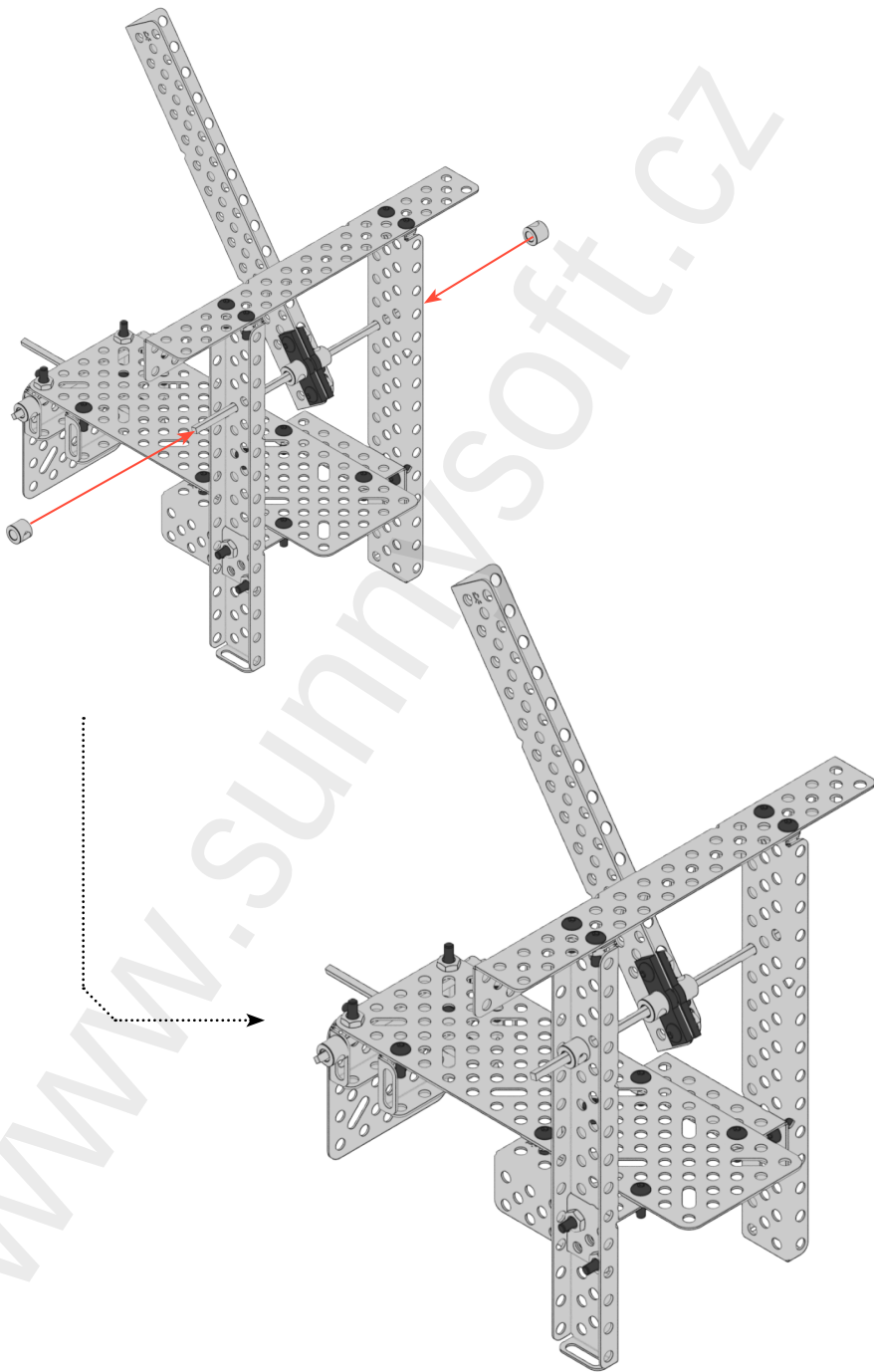
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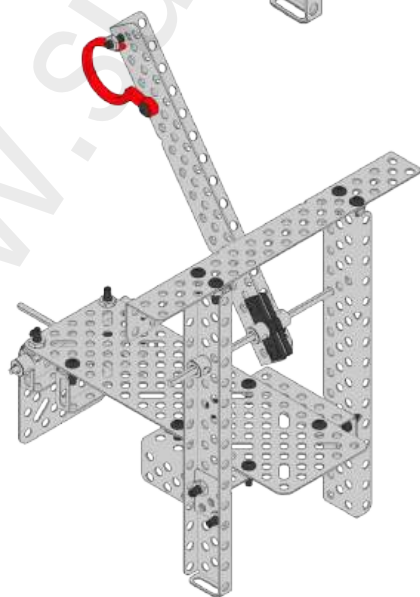
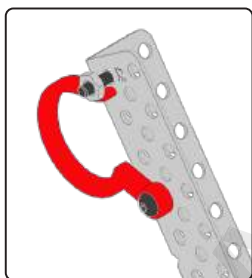
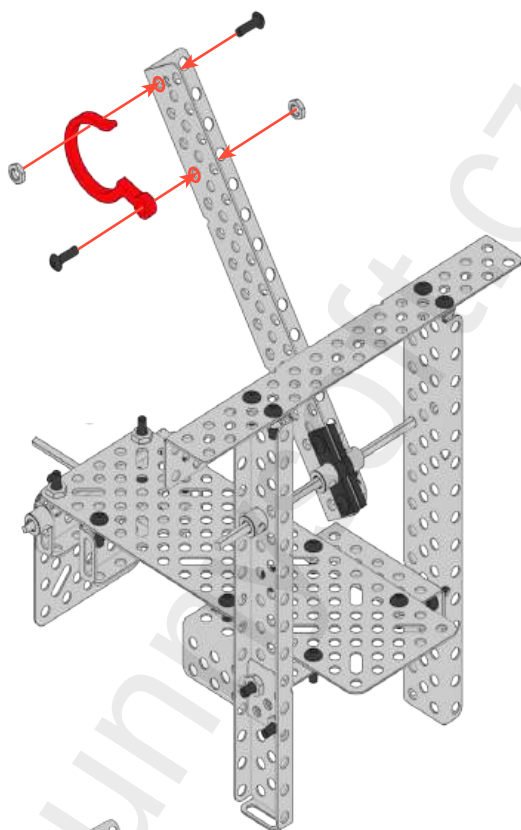
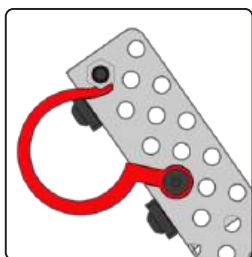
1:1 5.5 Axle

13

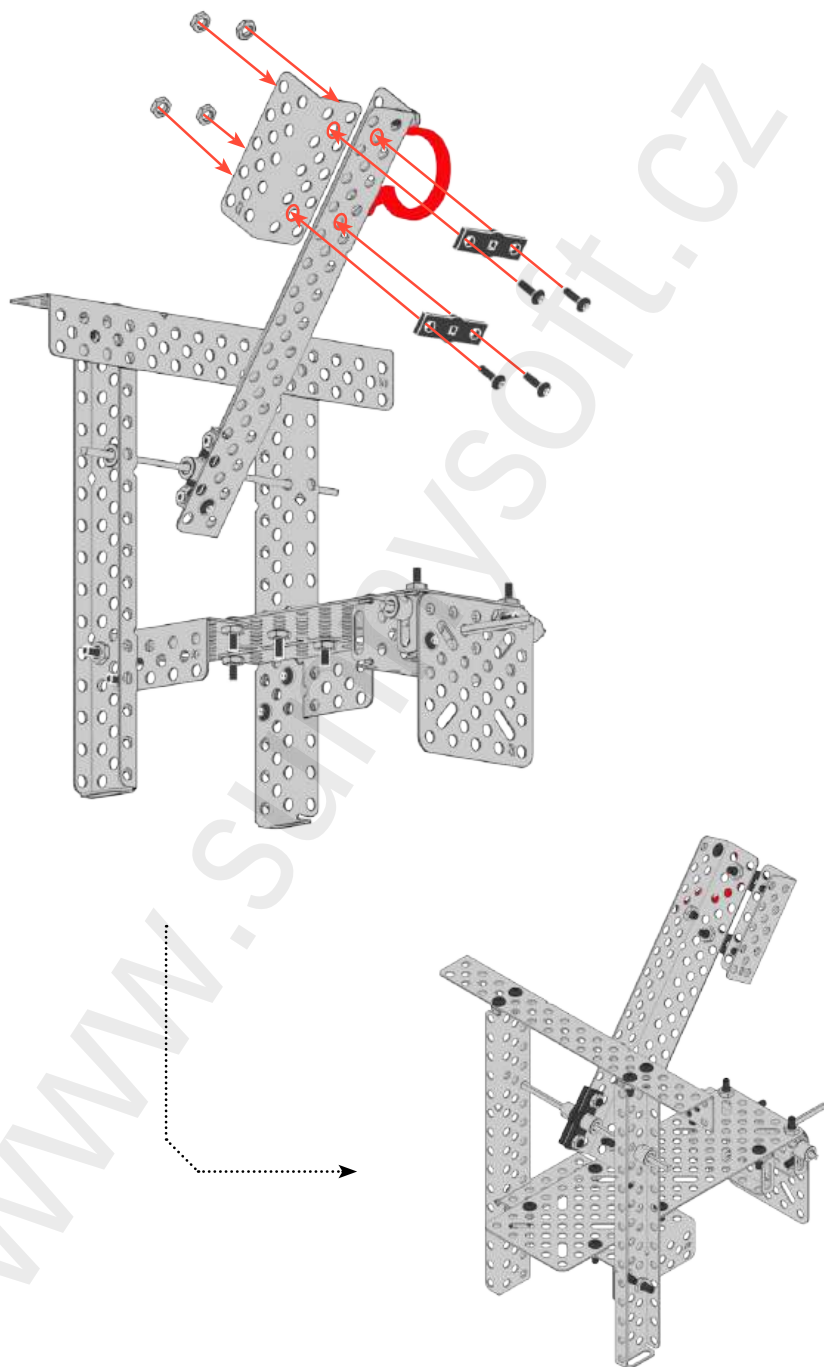


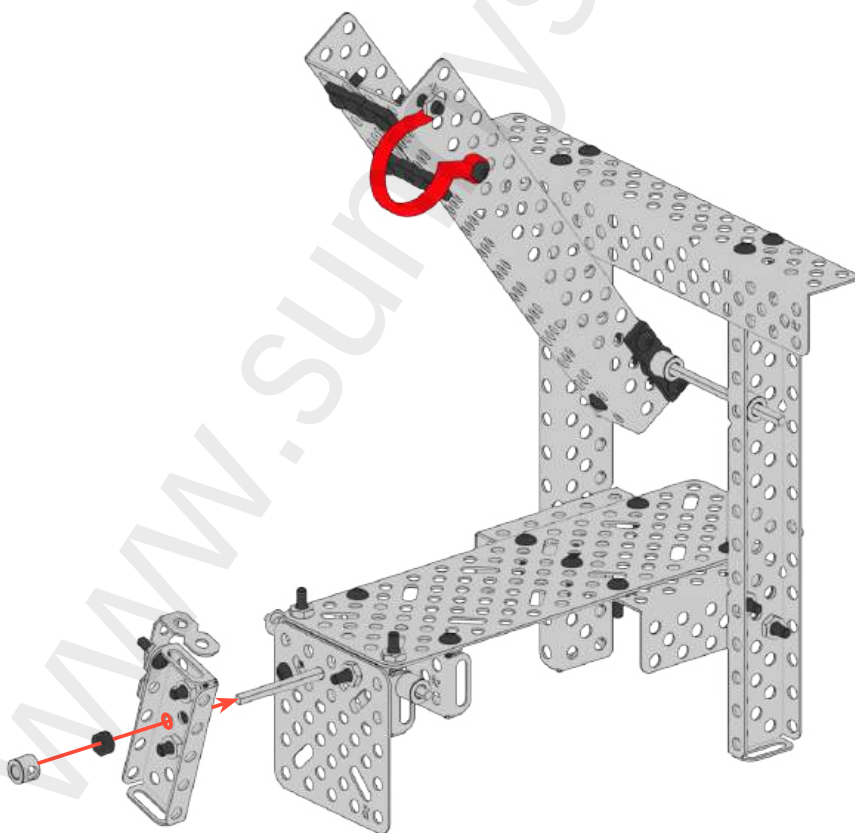
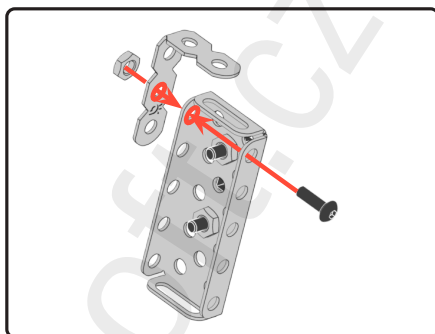
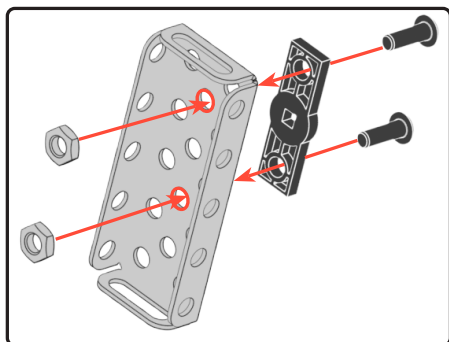


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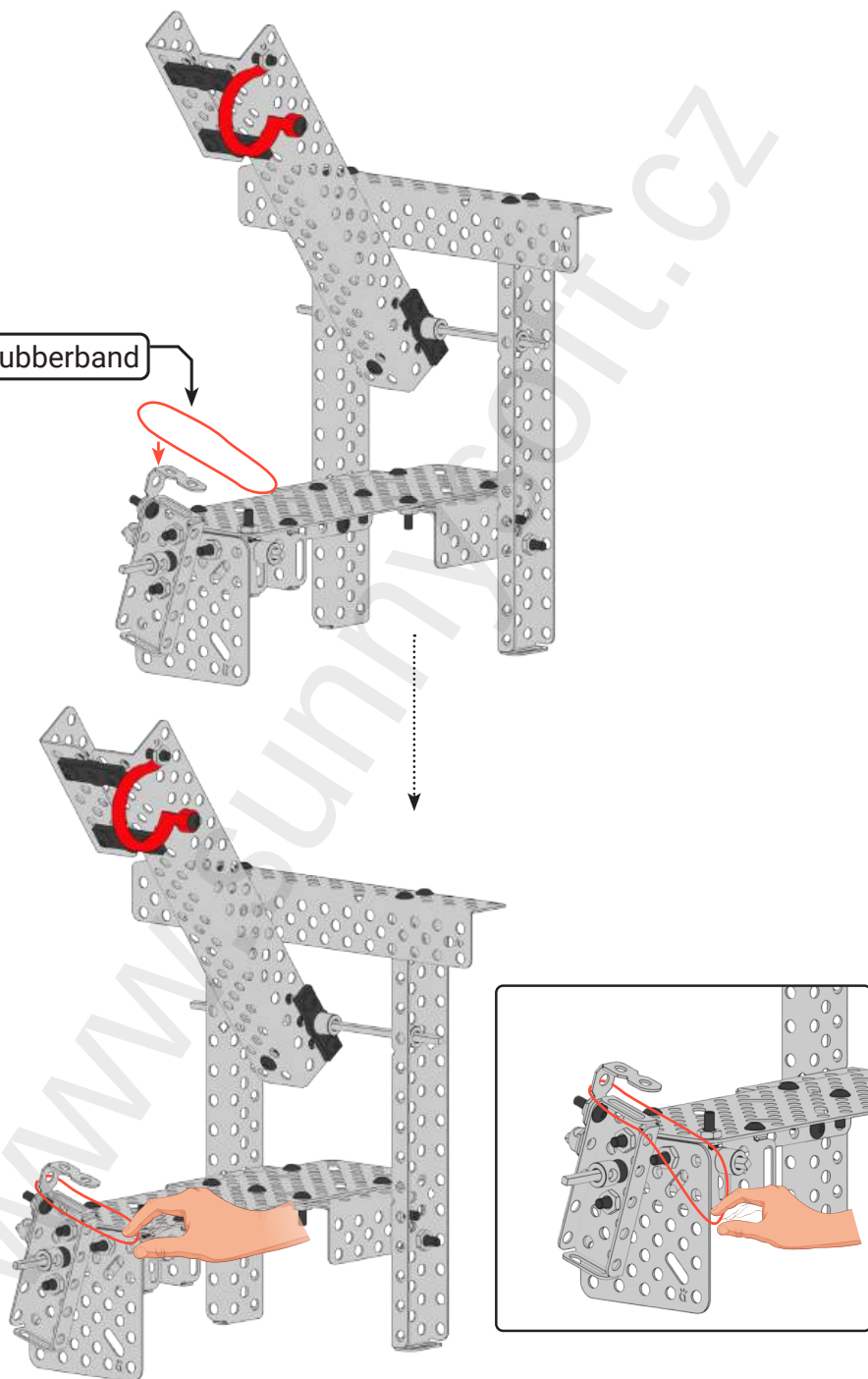
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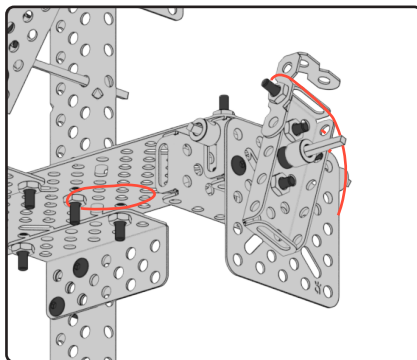
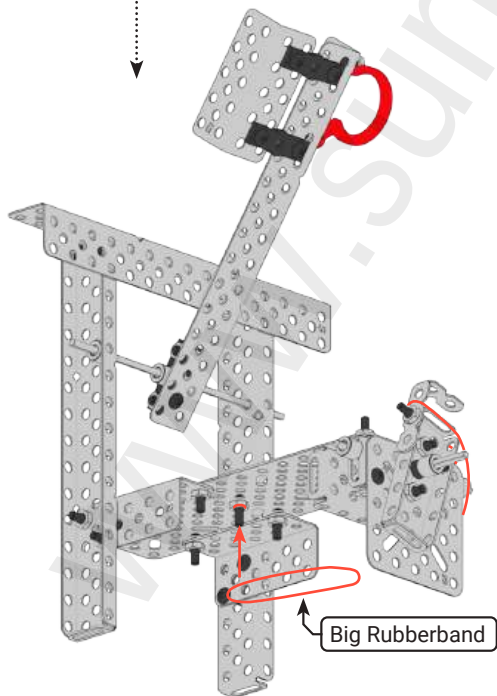
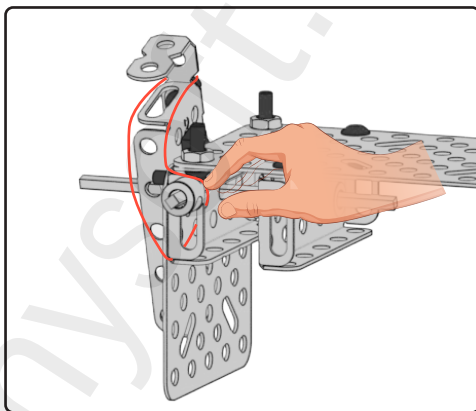
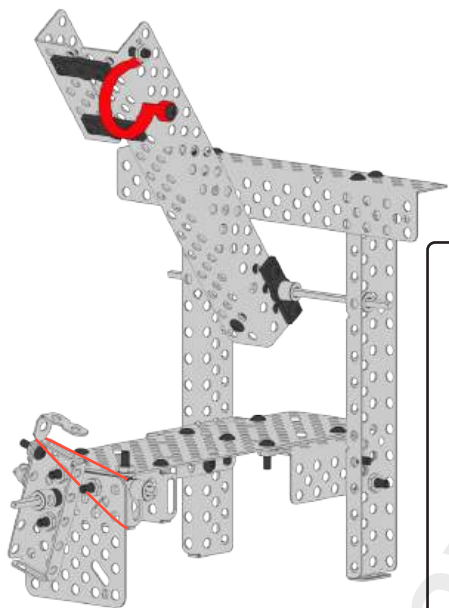


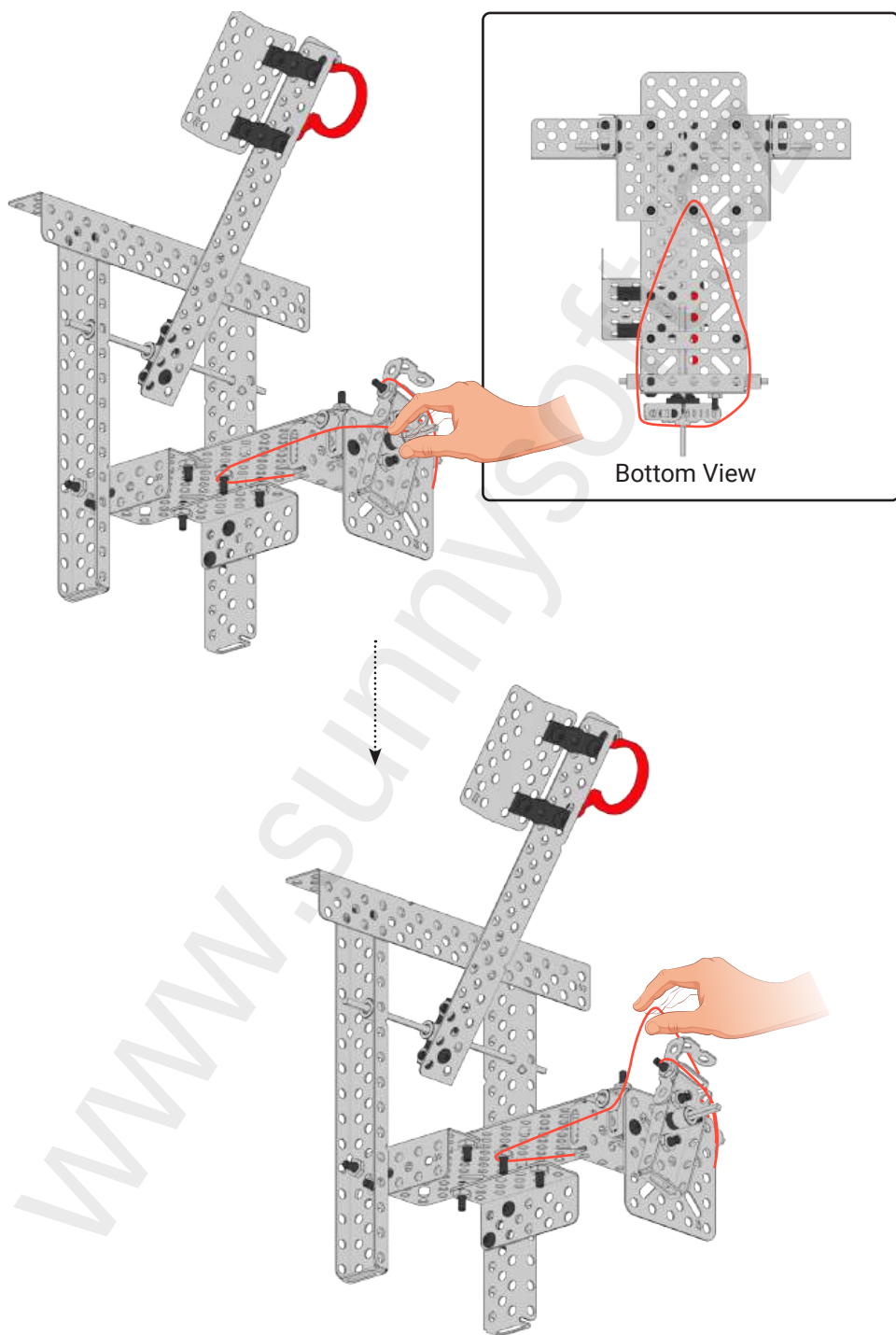


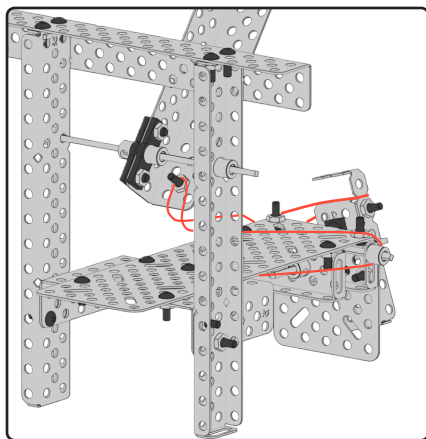
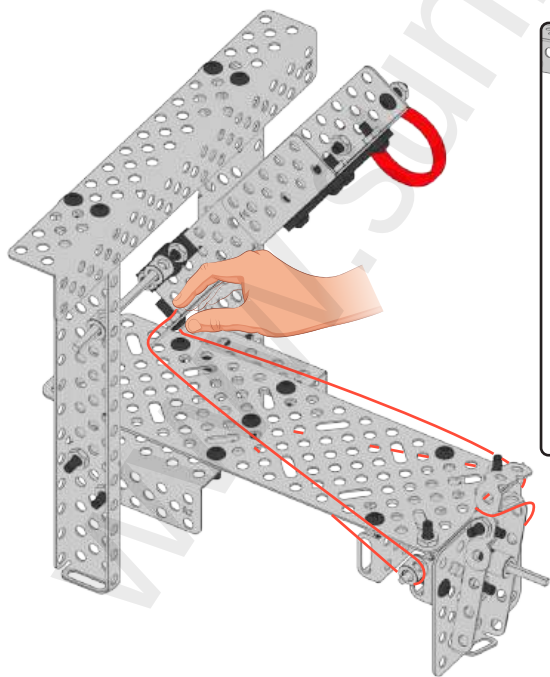
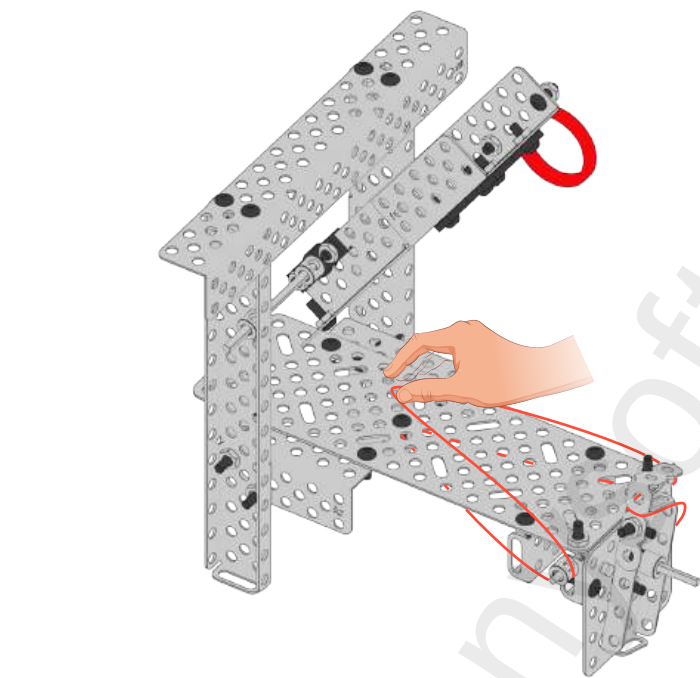
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Small Rubberband



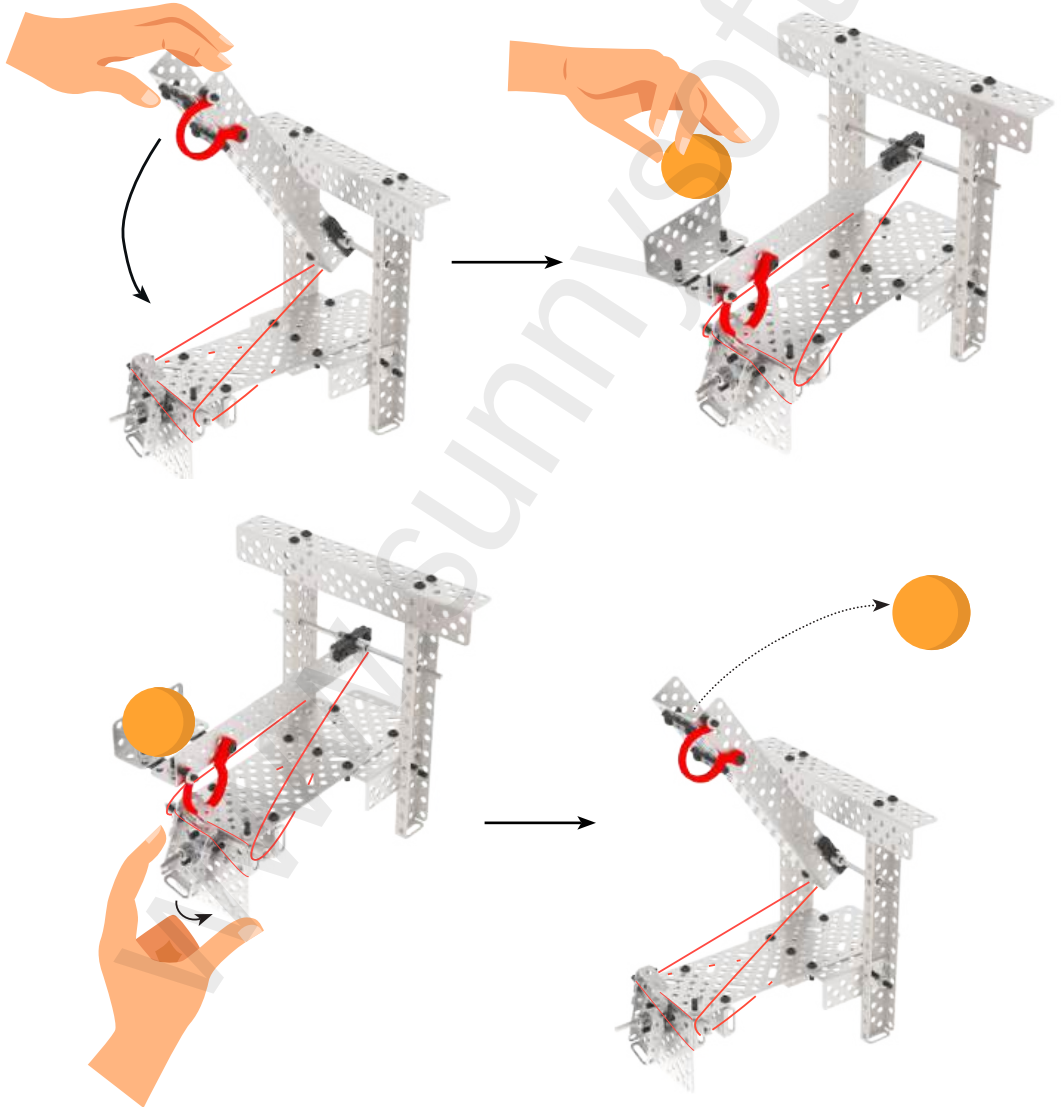




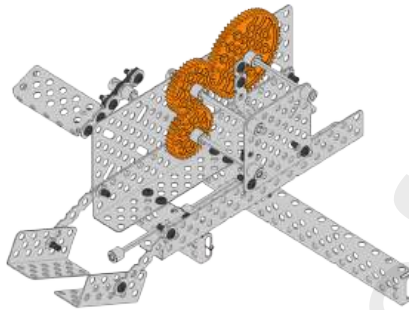


How to play

- Pull down the arm.
- Place the lock.
- Place the ball.
- Release the lock.
- Ball propels ahead.



Project 5: Ball Shooter



What will you need?



7.5"
Rectangular
plate
x1



7.5"
L-Channel
x2



7.5"
U-Beam
x1



2.5"
L-Channel
x2



2.5"
Flexi
x5



2.5"
U-Beam
x2



Fillers
x3



Axle lock
x16



3-Hole
Connectors
x3



5.5" Axle
x2



3.5" Axle
x2



2.5"
L channel
x1



12mm Bolts
x22



Nuts
x22



Small Rubber
Band
x1

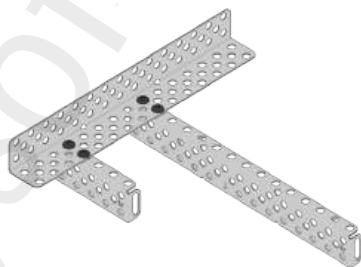
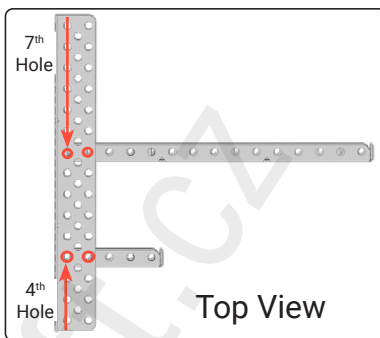
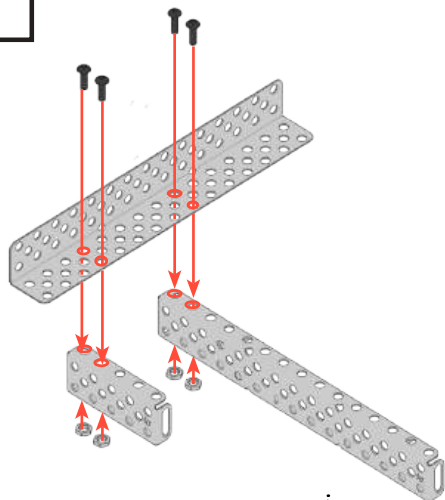


Big spur gear
x1

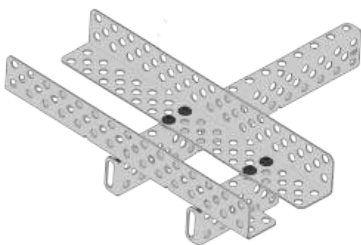
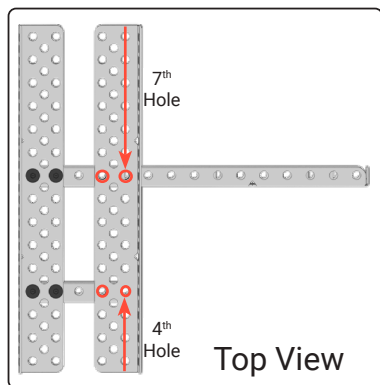
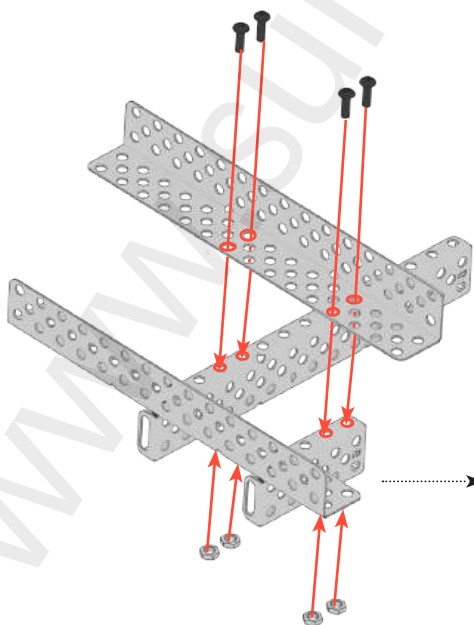


Medium spur
gear
x2

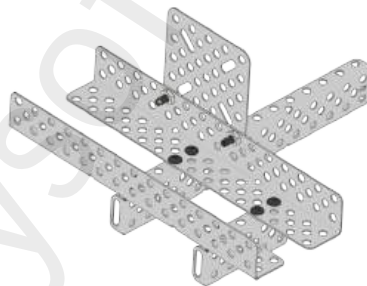
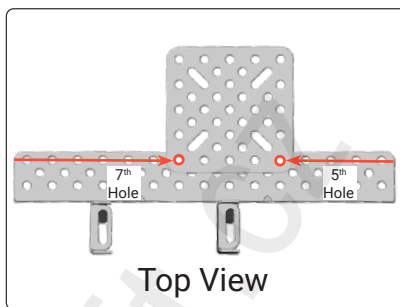
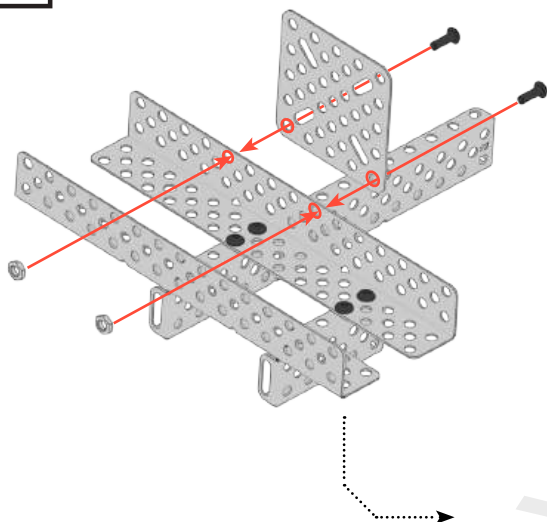
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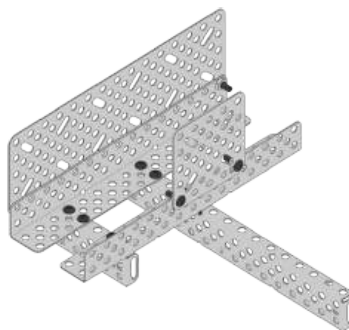
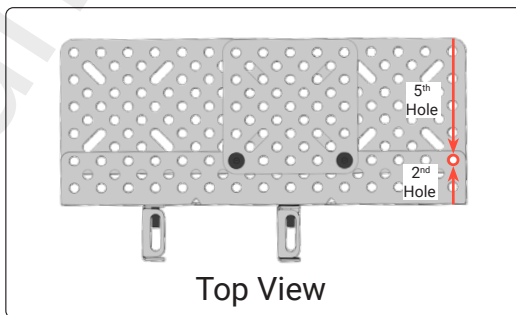
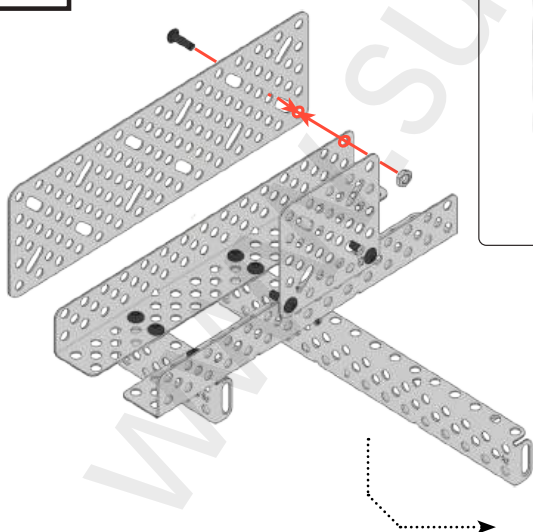
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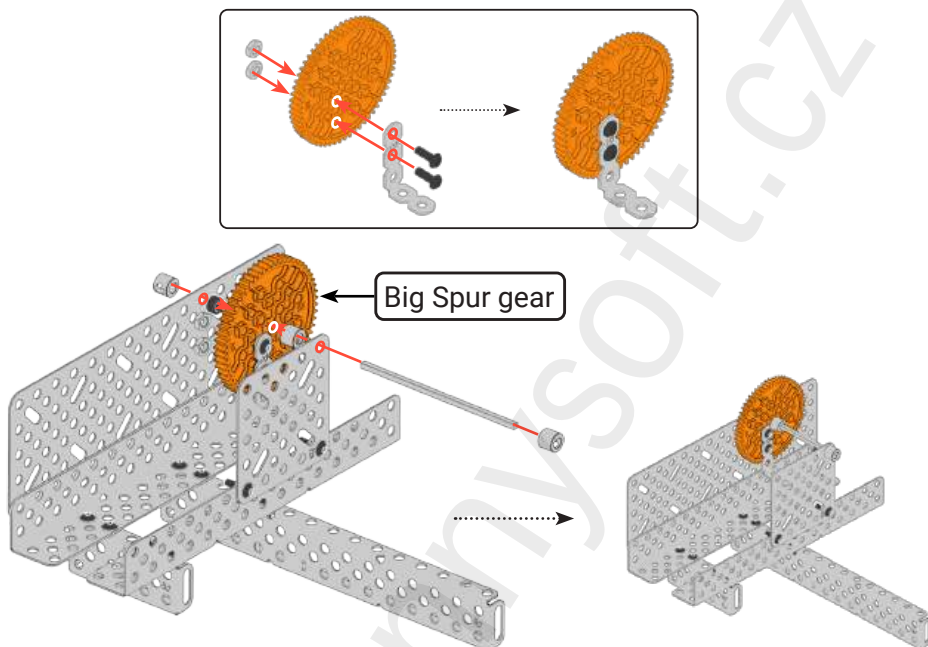


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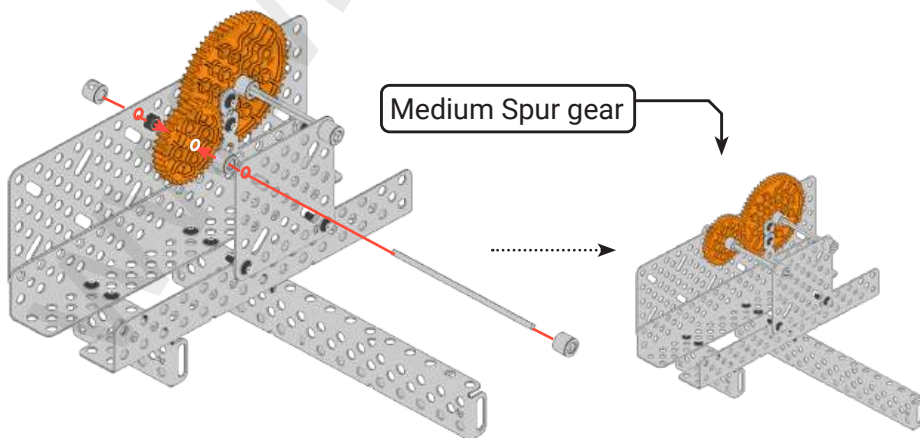
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1:1 3.5 Axle

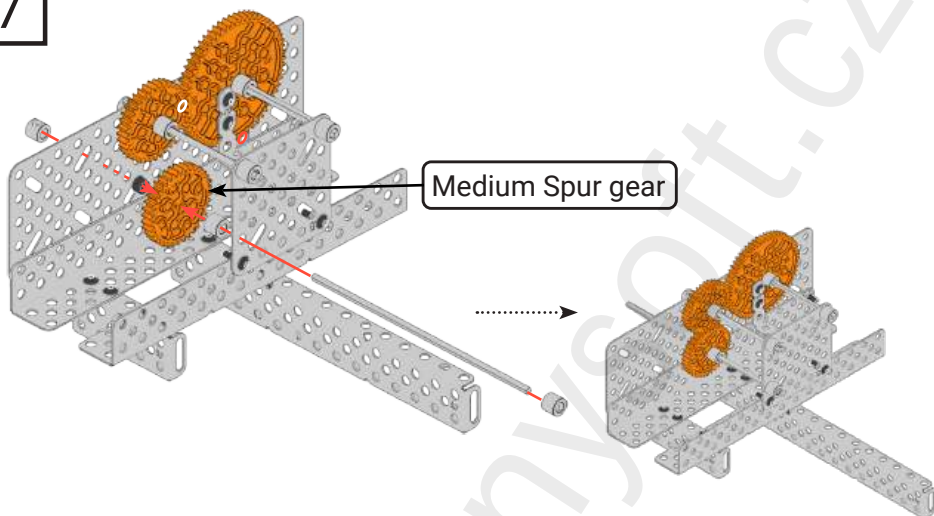


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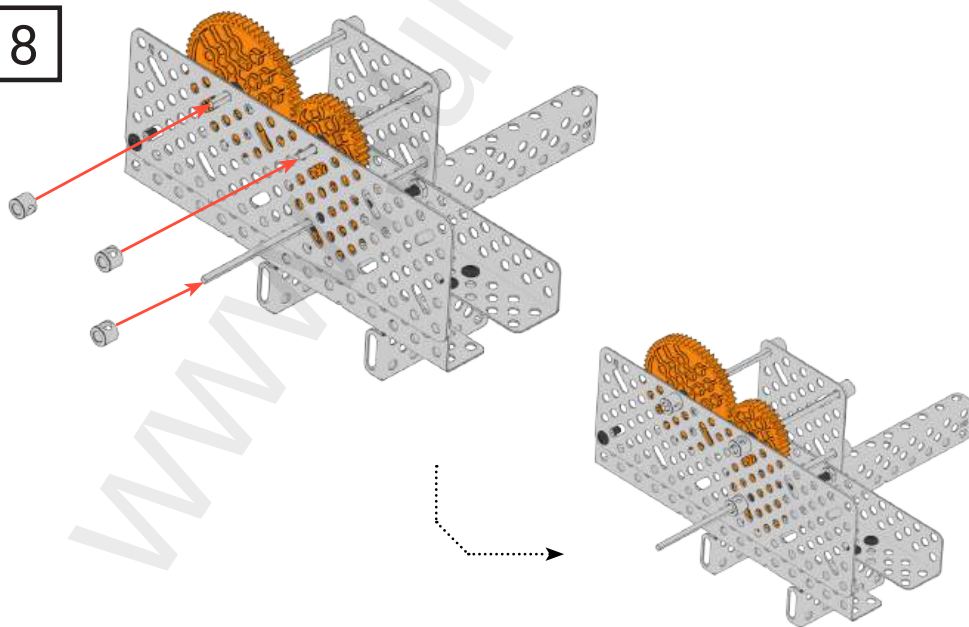
1:1 3.5 Axle



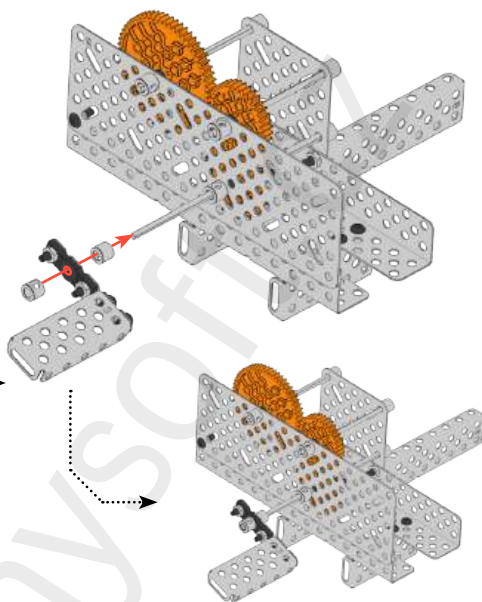
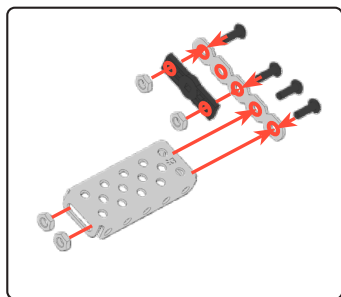
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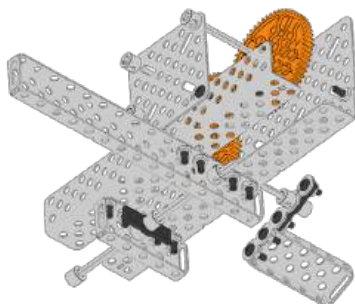
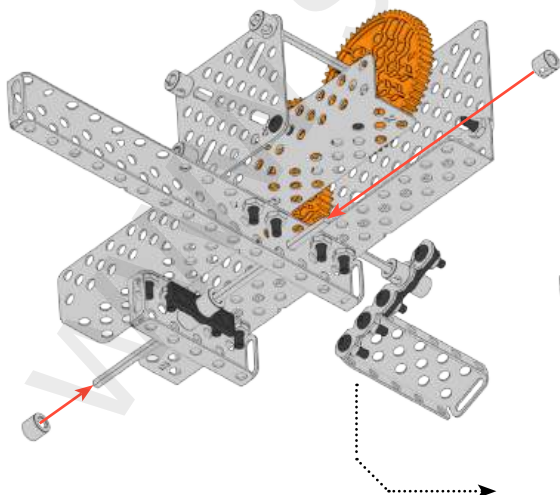


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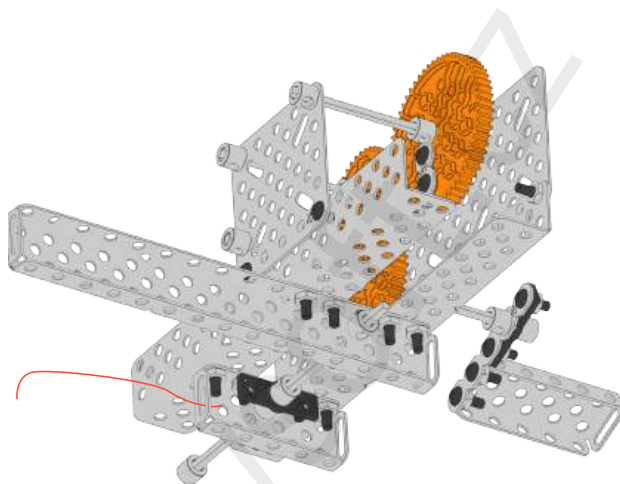
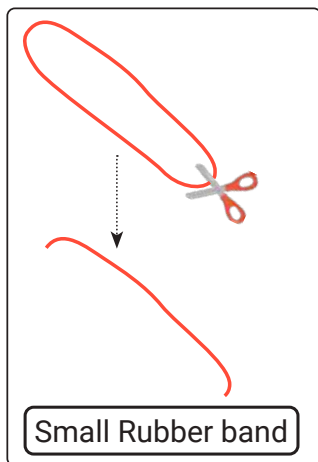


1:1 5.5 Axle

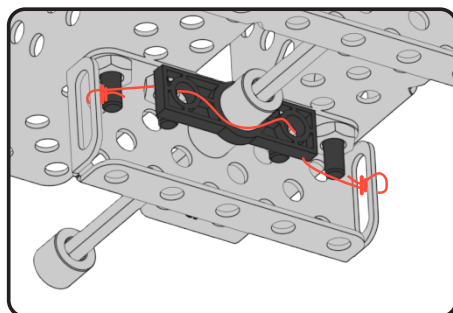
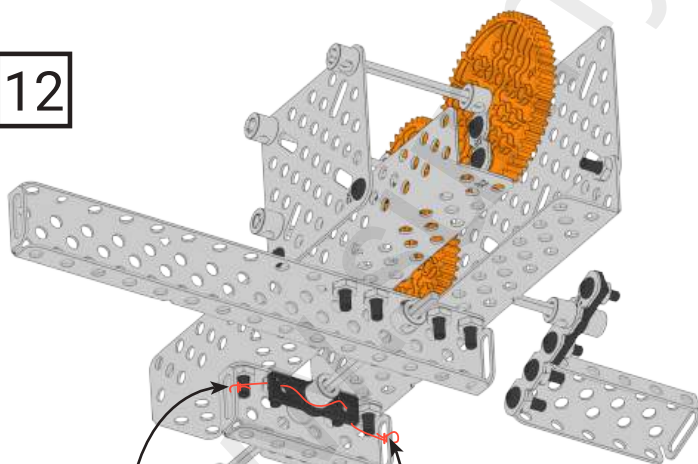
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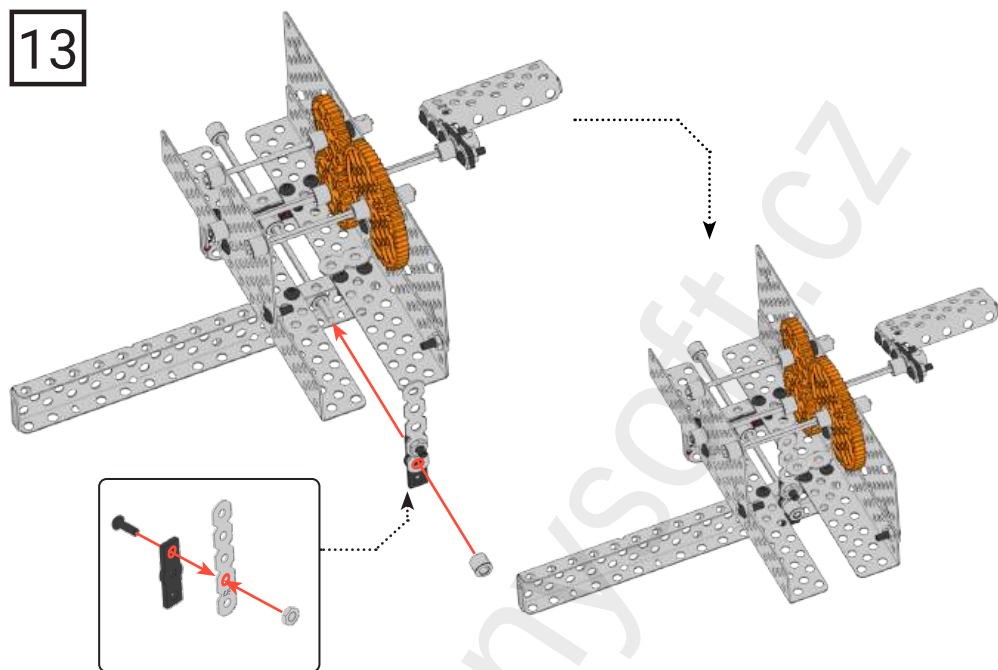
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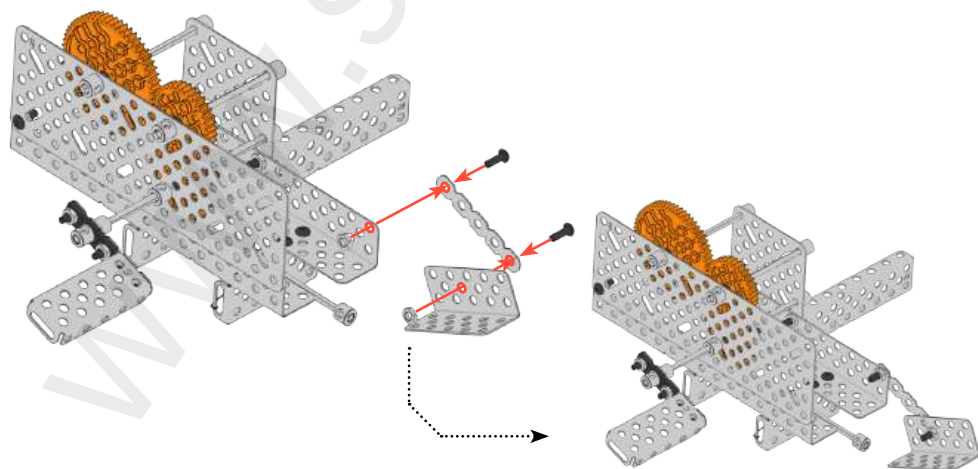
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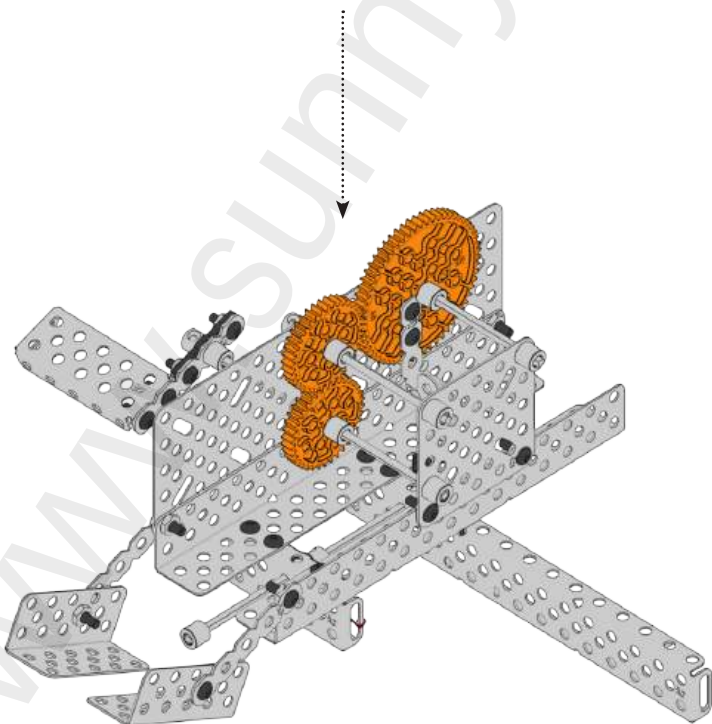
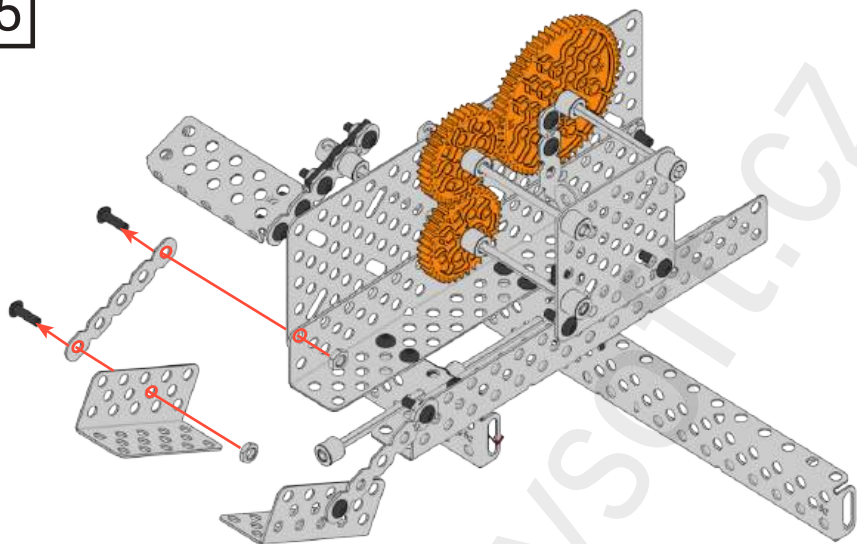


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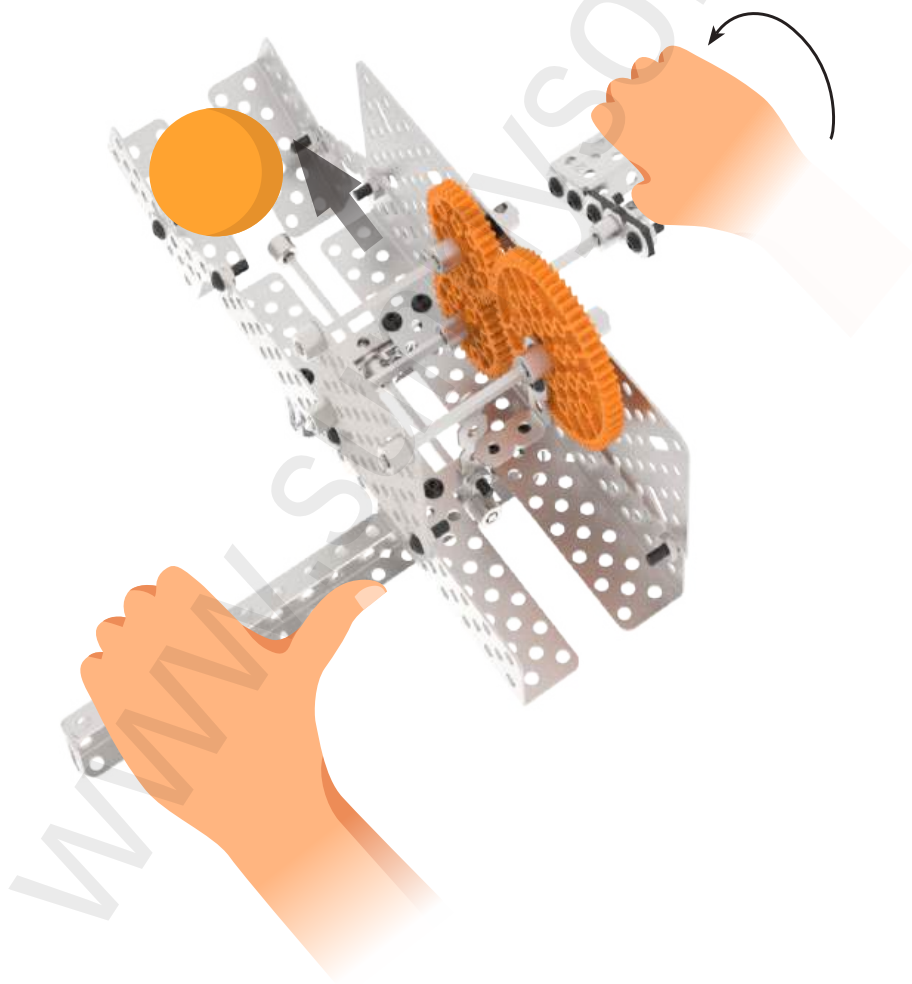
14





How to play

- Place the ball in the small L-channel container.
- Rotate the lever/handle. The axle will hit the ball.



Facing an Issue?

Our technical support is available to assist you at these timings -

Monday to Saturday: 9am to 8pm

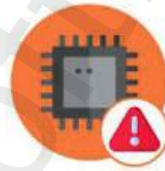
Sunday and 3rd Saturday: 9am to 6pm



Software Issues



Usability Issues



Hardware Issues

Contact support by scanning the QR Code.



support@avishkaar.cc

+91-8506931515

avishkaar

69/2A, Najafgarh Road, Industrial
Area, New Delhi 110015

+91 - 8506931515 support@avishkaar.cc www.avishkaar.cc



@AvishkaarEdu

ROBOTICS EXPLORER

Beginnen Sie Ihre Reise in die Robotik!



Holen Sie das Beste aus Ihrer Ausrüstung heraus

Innovation



Den Innovatoreneid ablegen

Legen Sie den Innovator-Eid auf Seite 6 ab und erfahren Sie, was es bedeutet, ein Innovator zu sein.



Lernen Sie, das Handbuch zu verwenden

Folgen Sie den ausführlichen Anweisungen im Handbuch und erfahren Sie, wie Sie mit dem Bausatz interessante Roboter bauen.



Erstellen, codieren und verwalten

Erstellen Sie mit dem Kit innovative Projekte, steuern Sie Roboter mit der Avishkaar-Fernbedienung und programmieren Sie mit der Avishkaar Maker Studio-App.


Aktie
Gewinnen

Mach mit bei Let's Avishkaar

Treten Sie unserer Community auf FB bei –
vernetzen Sie sich mit Innovatoren und
erhalten Sie die neuesten Informationen
zu Webinaren.



Projekte hochladen

Laden Sie Projekte auf
www.avishkaar.cc hoch und teilen
Sie sie mit Entwicklern auf
der ganzen Welt.



Internationale Wettbewerbe

Nehmen Sie an wöchentlichen, monatlichen und
jährlichen Wettbewerben teil und erlangen Sie
weltweite Berühmtheit.



Der Eid des Innovators

Unterzeichnen Sie das unten stehende Innovator-Versprechen und verpflichten Sie sich zu einem lebenslangen Streben nach Innovation und Lösungen Probleme. Teilen Sie das Foto in der Let's Avishkaar FB- Community

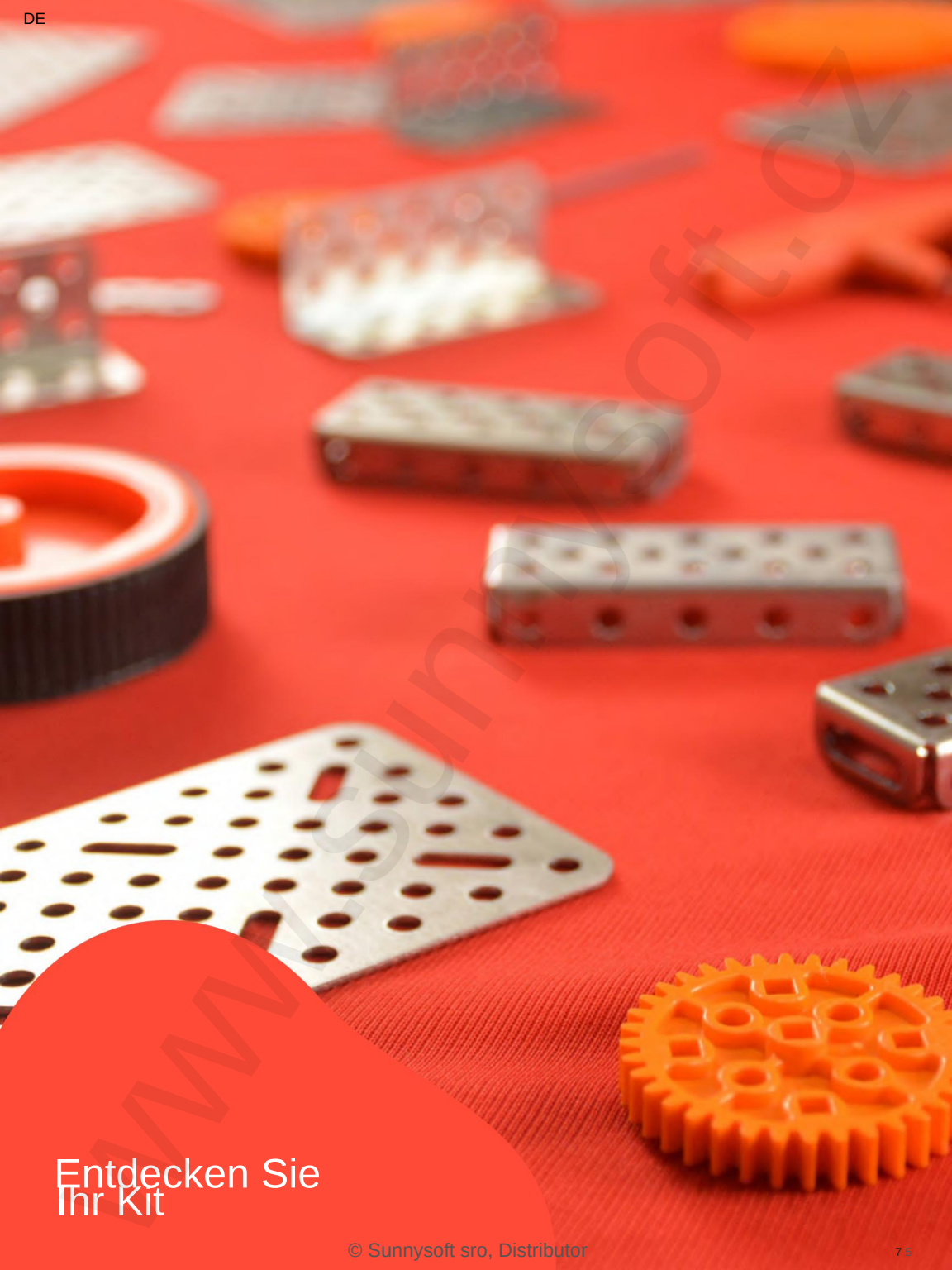
Ich schwöre feierlich, dass ich, sobald ich mich auf die Reise der Innovation begeben habe, nicht aufgeben werde, bis meine Innovation, mein Projekt, abgeschlossen ist. Ich werde meine Fähigkeiten und Werkzeuge verfeinern und sie gut einsetzen. Innovation und ich werden unzertrennlich sein.

Ich werde meine Innovationen immer mit anderen Innovatoren teilen und von ihnen lernen.

I _____
(Schreibe deinen Namen)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

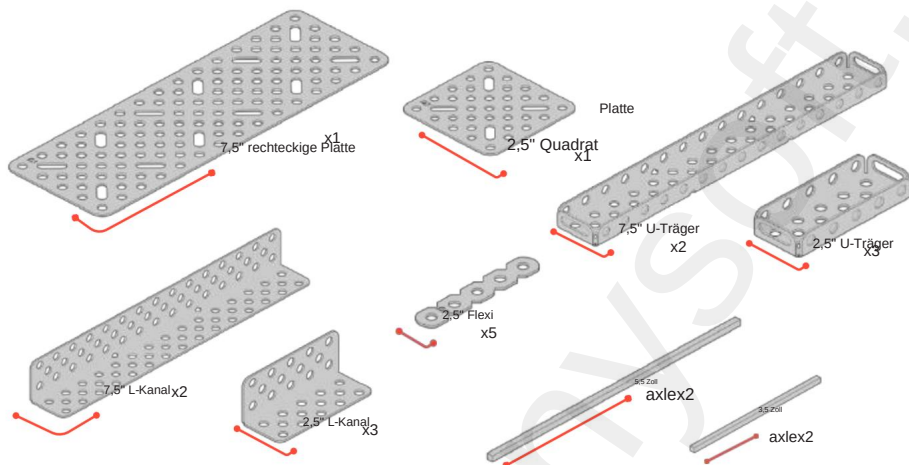
Unterschrift



Entdecken Sie
Ihr Kit

Gerätecheck

Metallteile



Räder und Zahnräder



Werkzeuge





Füllungen
x11



Achsschlösser
x16



12mm Schraube
x31



Nuss
x31



Große
Gummibänder x2



Kleine Gummibänder
x2

Gebäudegrundlagen

Lassen Sie uns einige Grundlagen der Konstruktion verstehen

Anziehschrauben



Festziehen der Achssicherung



Anziehen
(im Uhrzeigersinn
drehen)



Lösen
(gegen den Uhrzeigersinn
drehen)

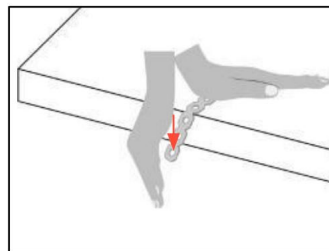
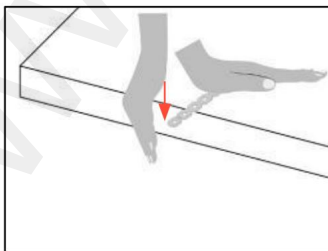


Anziehen
(im Uhrzeigersinn
drehen)

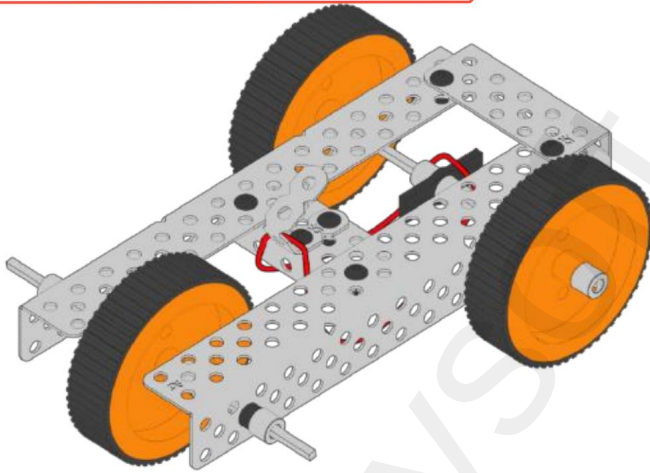


Lösen
(gegen den Uhrzeigersinn
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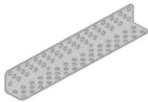
Flexi -Biegen



Projekt 1: Auto



Was benötigen Sie?



7,5 Zoll
L-Kanal
x2



2,5 Zoll
Kanal L
x1



2,5 Zoll
Kleiner Flexi
x1



2,5 Zoll
U-Träger x1



5,5" Achse x2



Füllungen
x4



Achssperre x8



3-Loch
-Anschlüsse x1



Kleines Rad x3



Großes Gummiband 1x

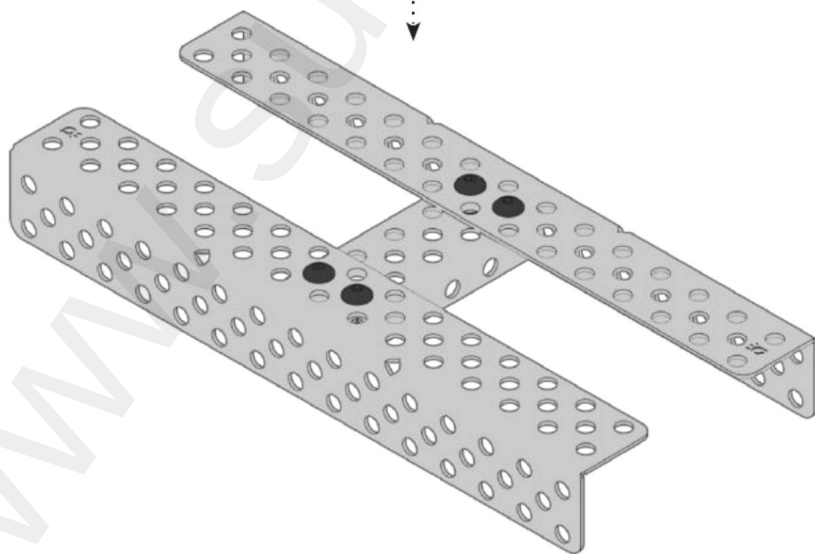
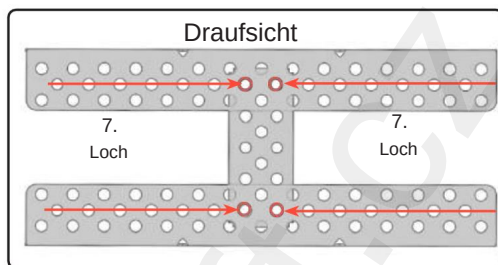
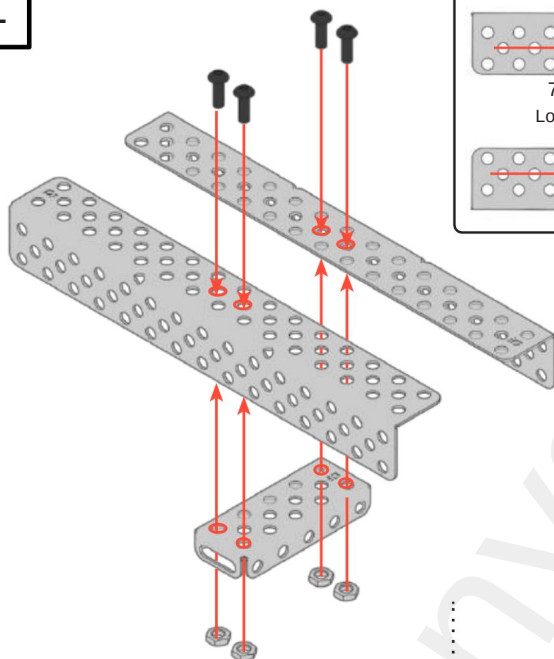


12 mm Schrauben
x8

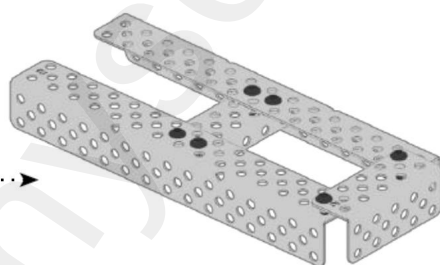
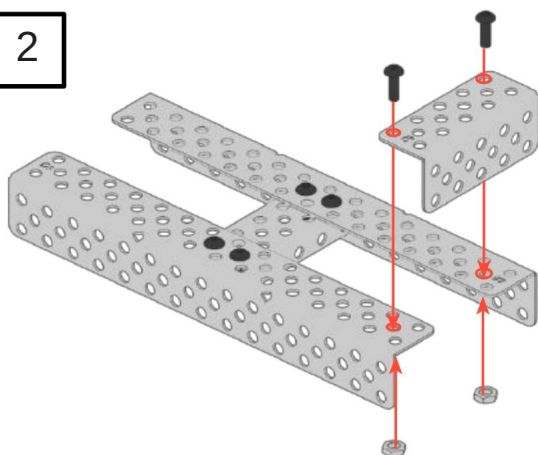


Matrix x8

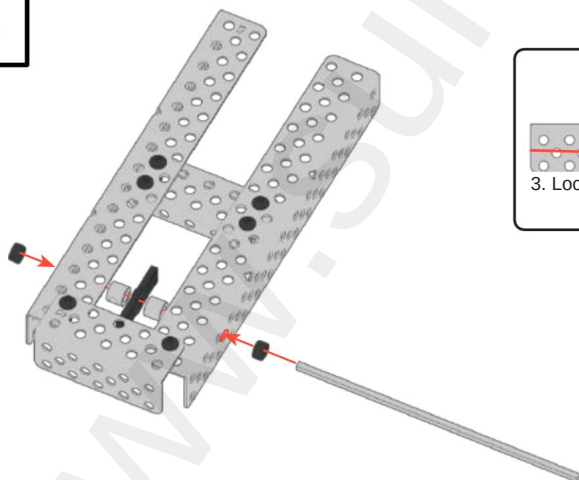
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2



3

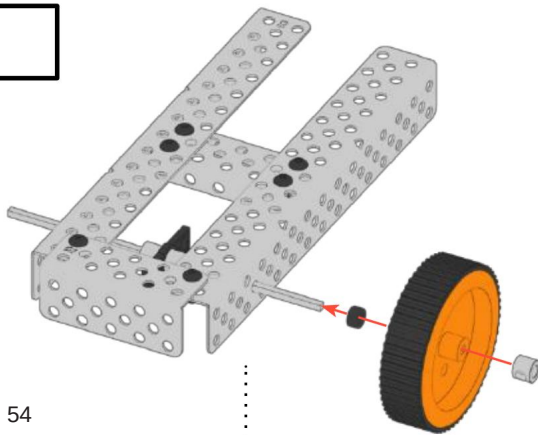


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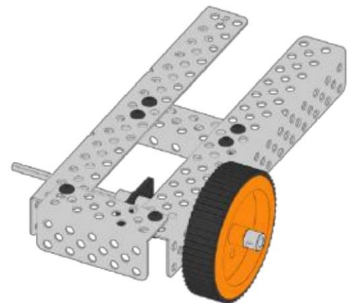
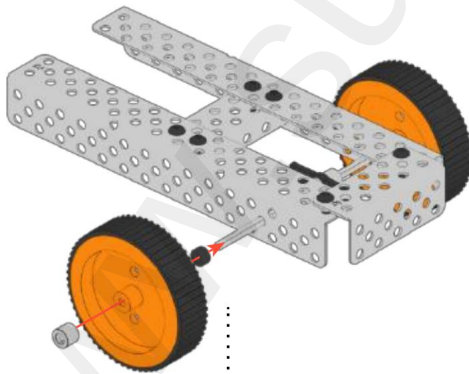
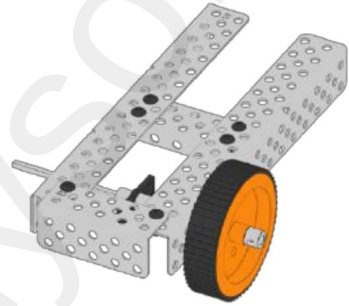


3. Loch

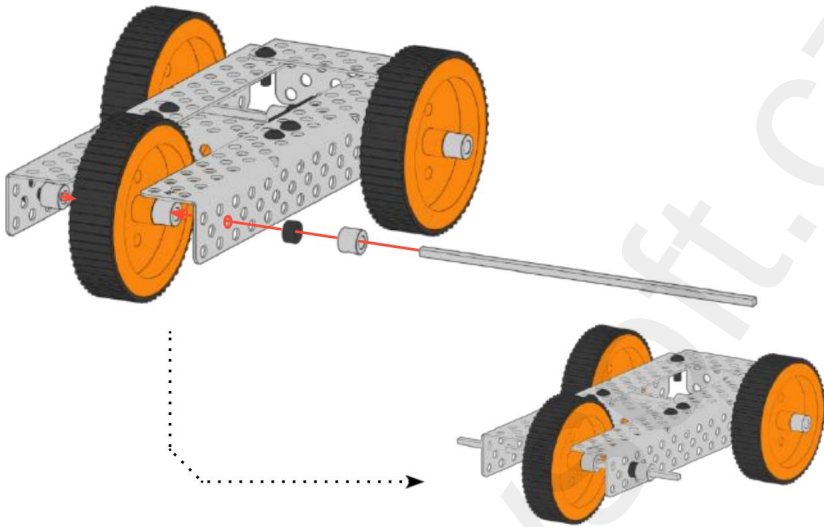
1.1 Abhilfe 5.5



54

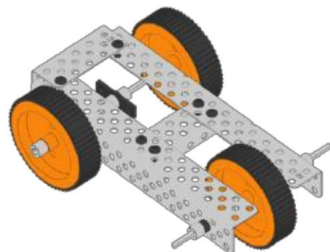
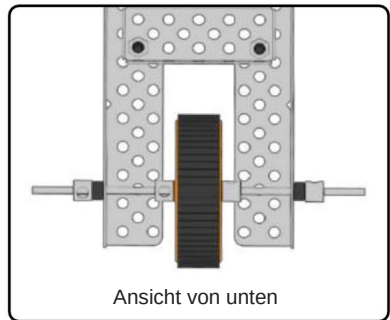
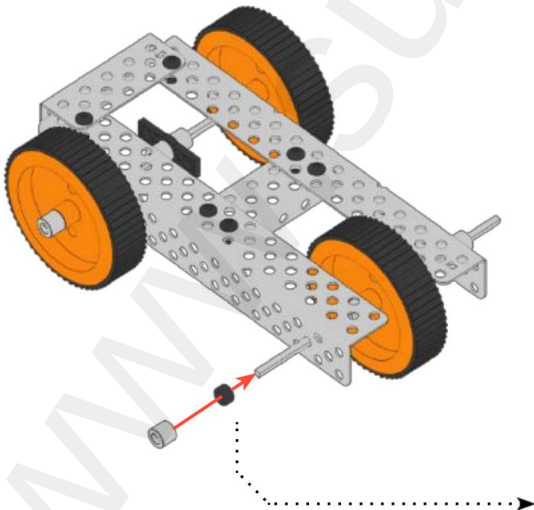


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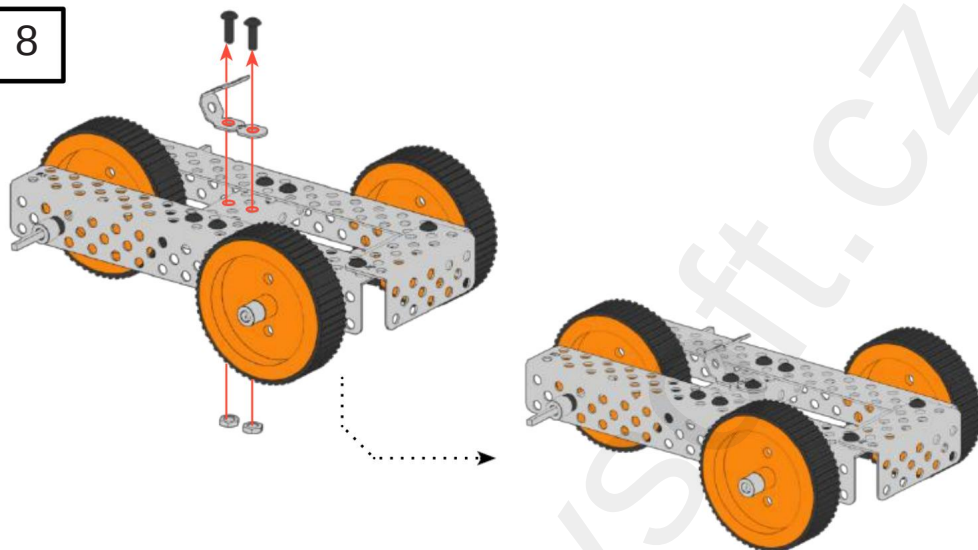


1.1 Abhilfe 5.5

7



8

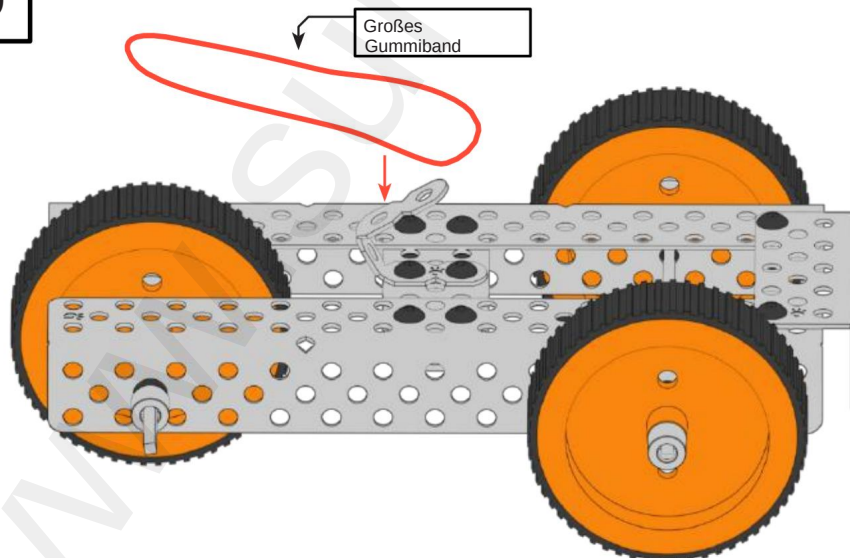


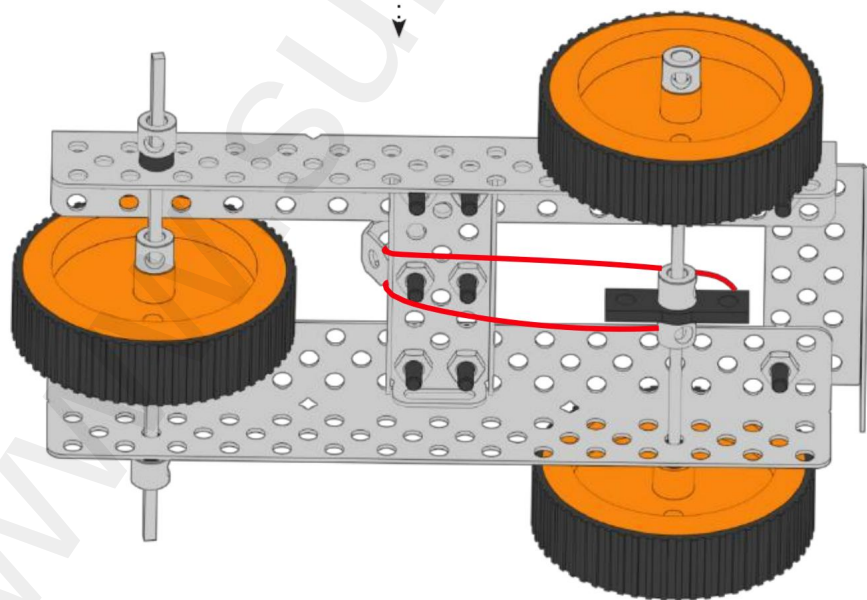
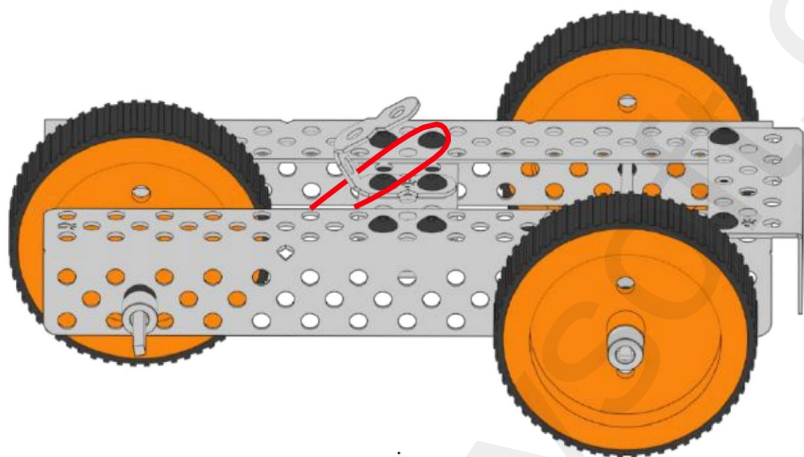
Montagetipp

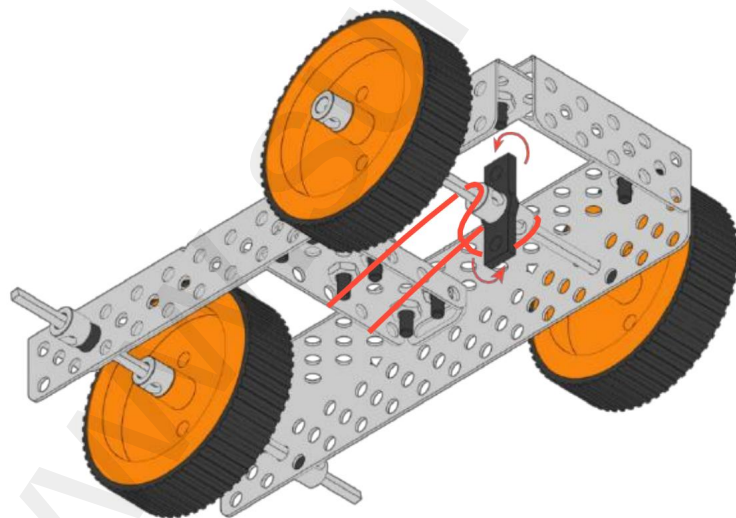
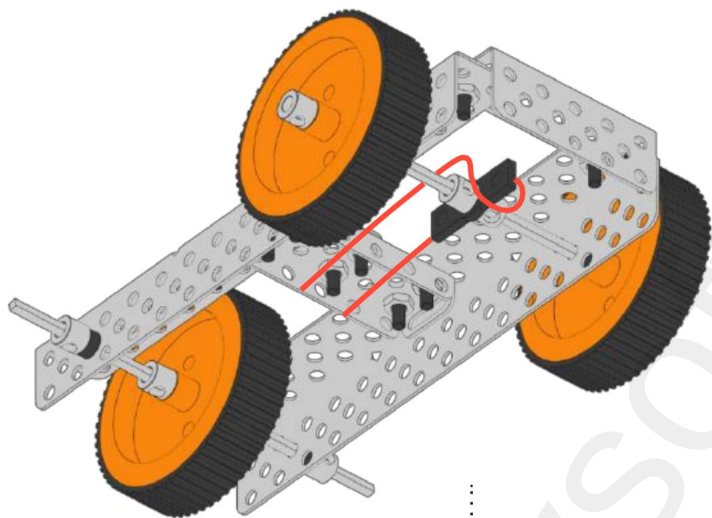
Informationen zum Flexi-Biegen finden Sie in den Anweisungen oben.



9

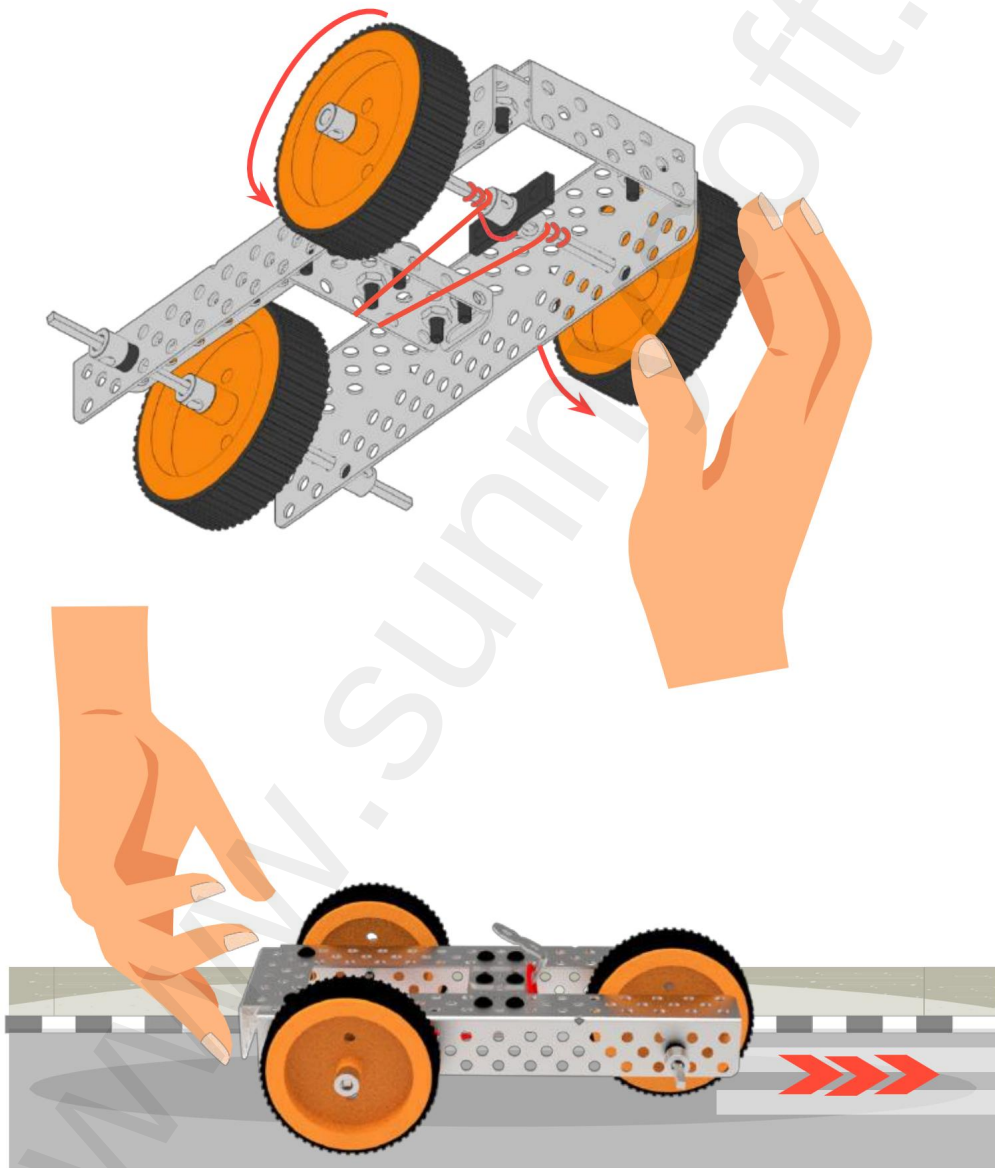




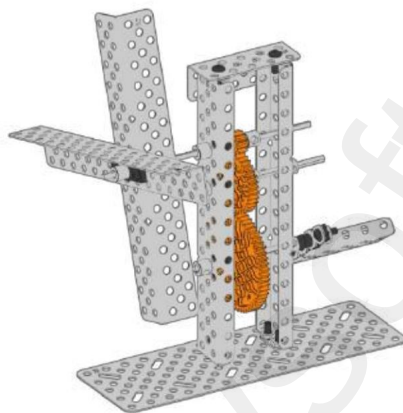


Wie man mit einem Auto spielt

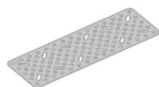
- Wickeln Sie den Gummireifen mithilfe der Räder auf die Hinterachse.
- Drehen Sie das Rad **gegen den Uhrzeigersinn**.
- Halten Sie das Gummiband und die Achse fest und legen Sie das Chassis auf den Boden.



Projekt 2: Beatmungsgerät



Was benötigen Sie?



7.5 Zoll
Rechteckig
Platte
x1



7.5 Zoll
L-Kanal
x2



7.5 Zoll
U-Träger
x2



2.5 Zoll
L-Kanal
x1



2.5 Zoll
Kleiner Flexi
x1



2.5 Zoll
U-Träger x1



Füllungen
x11



Achssperr
x10



Steckverbinder mit
3 Löcher x2



5.5 Zoll
Achse x1



3.5 Zoll
Korrektur
x2



Groß
Stirnrad
Fahrrad x1



Mittlere Frontalansicht
Zahnrad
x1



Kleines
Stirnrad
x1

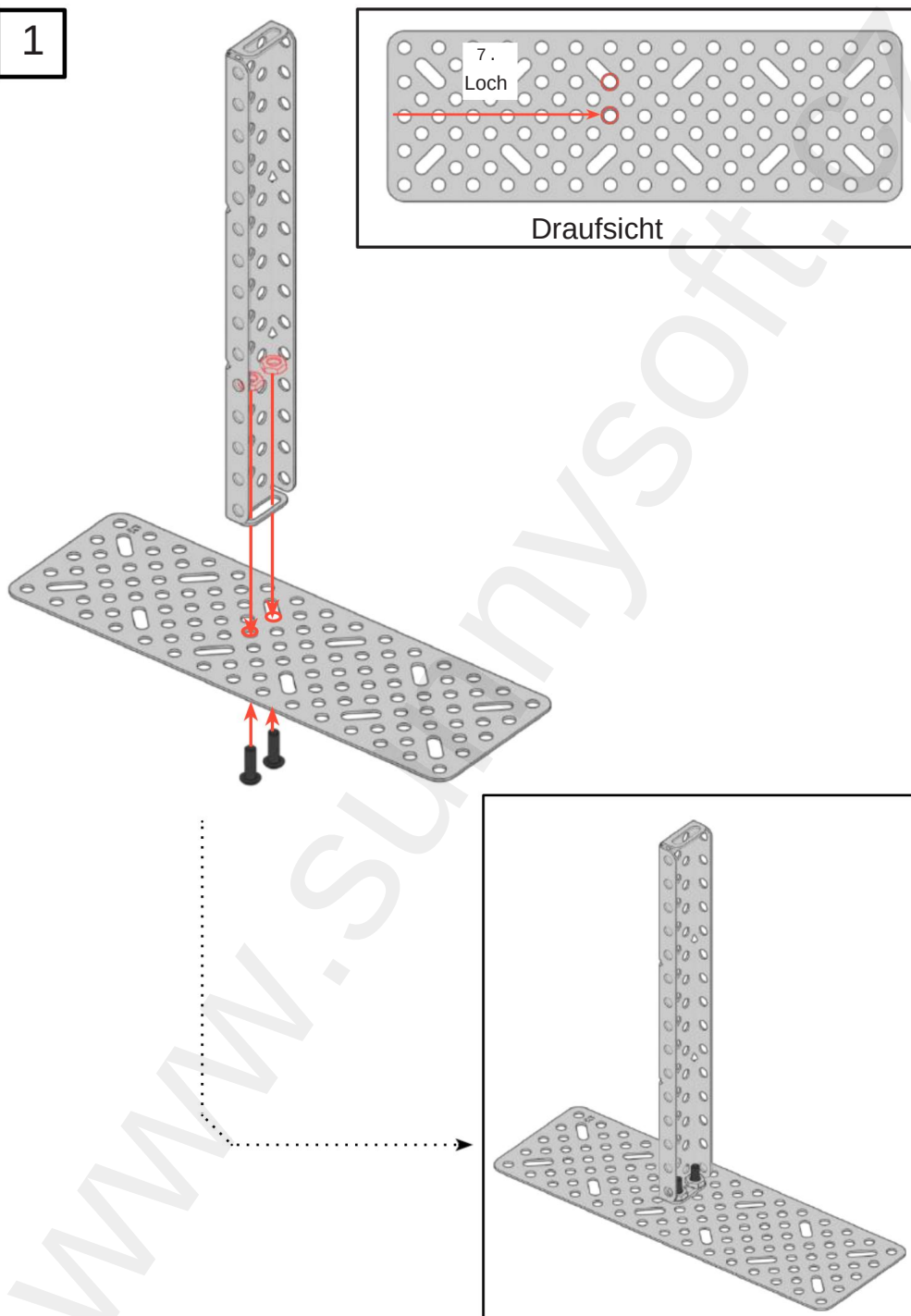


12 mm Schrauben
x14

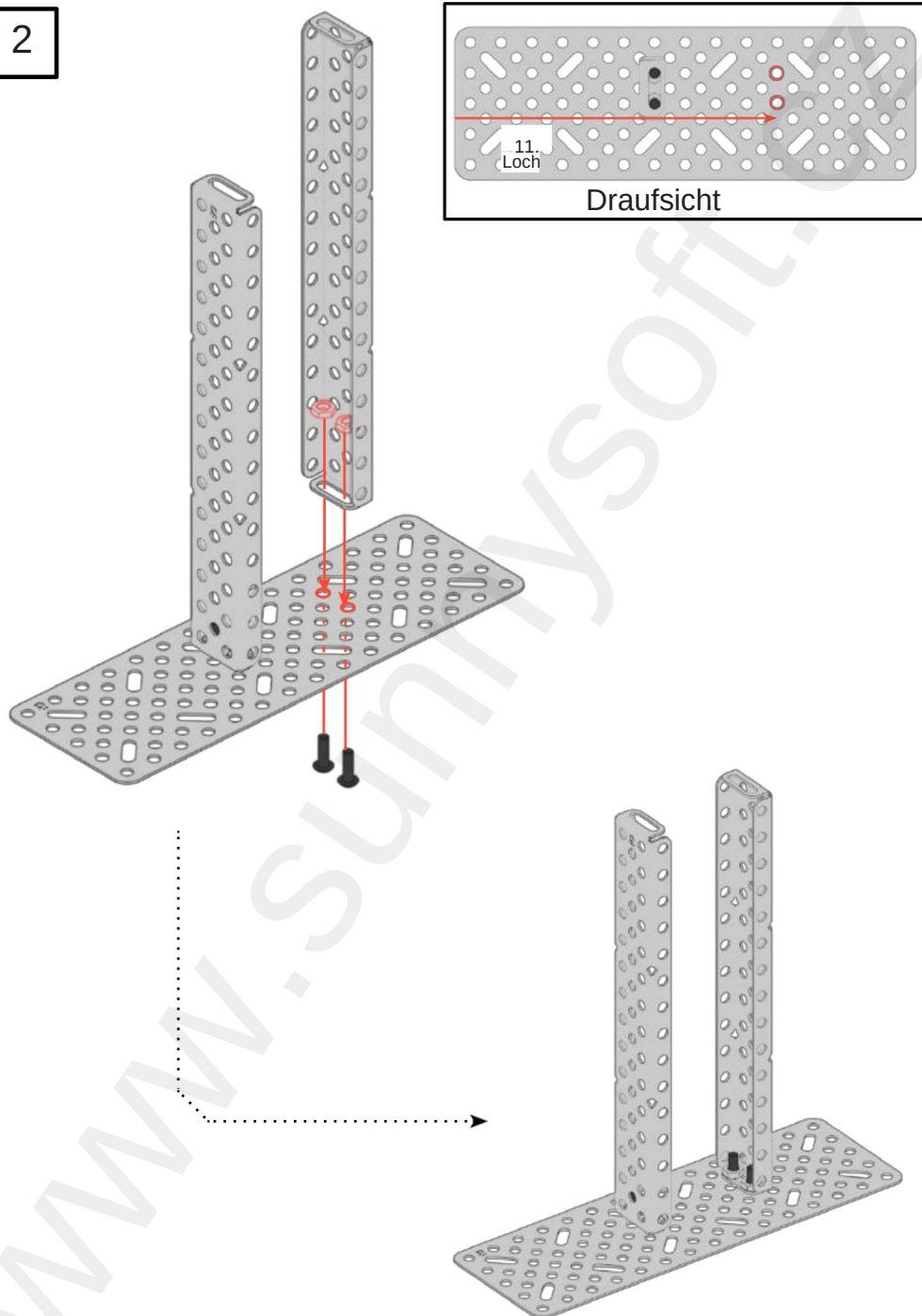


Nuss
x14

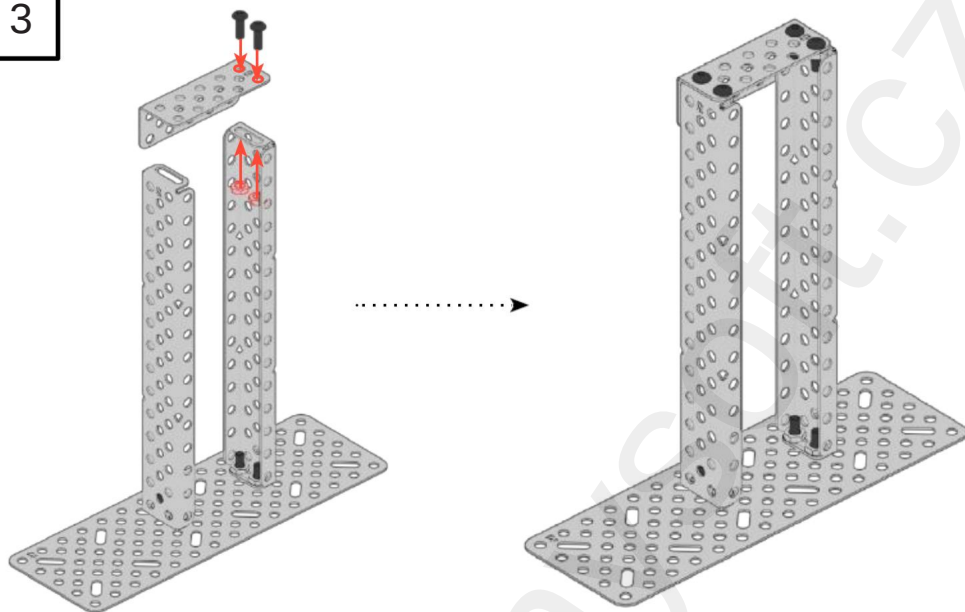
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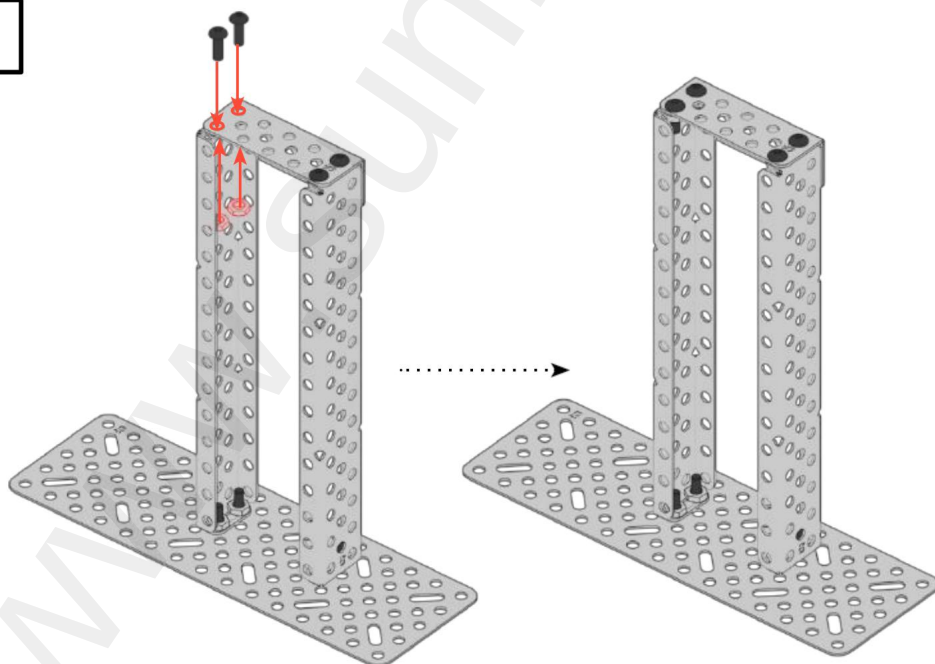
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3

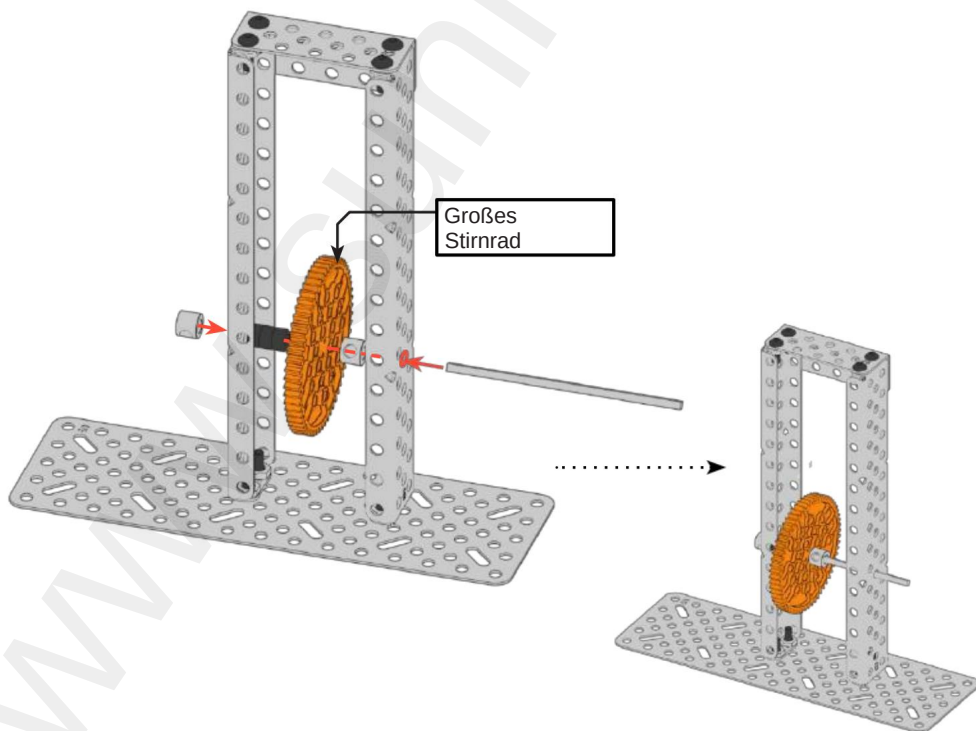
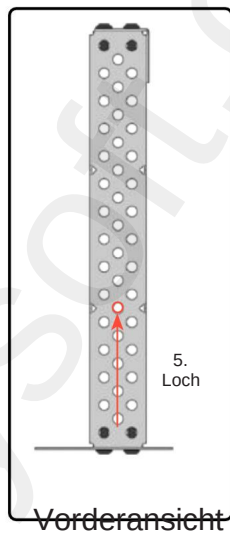
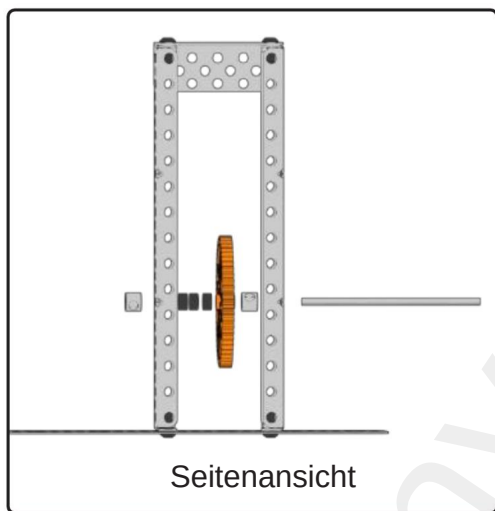


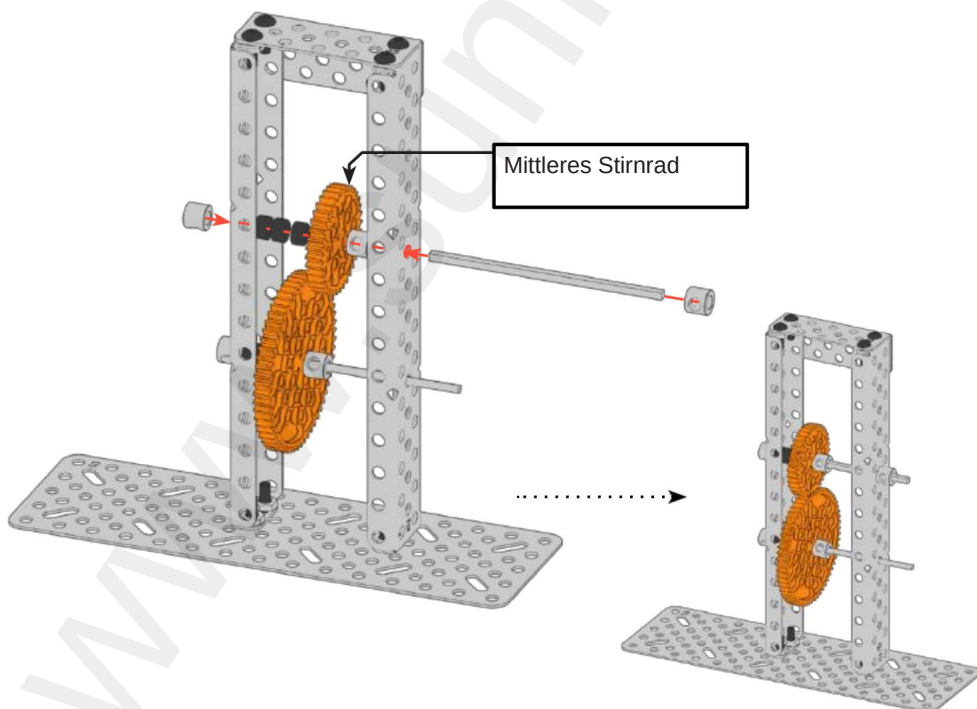
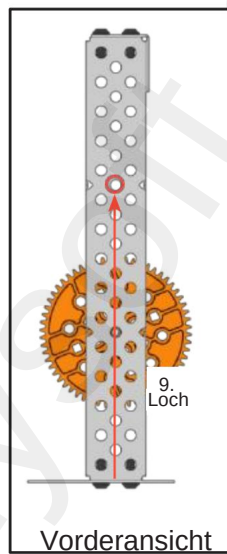
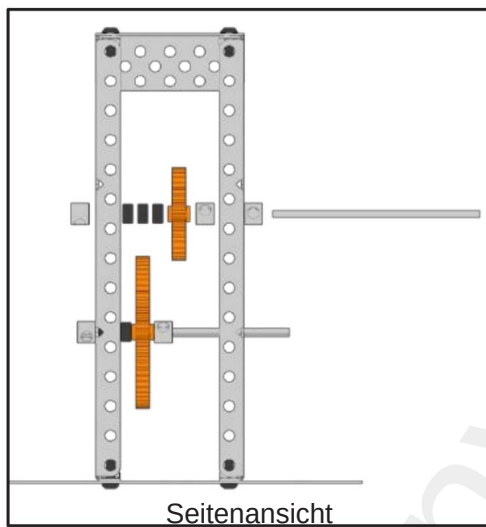
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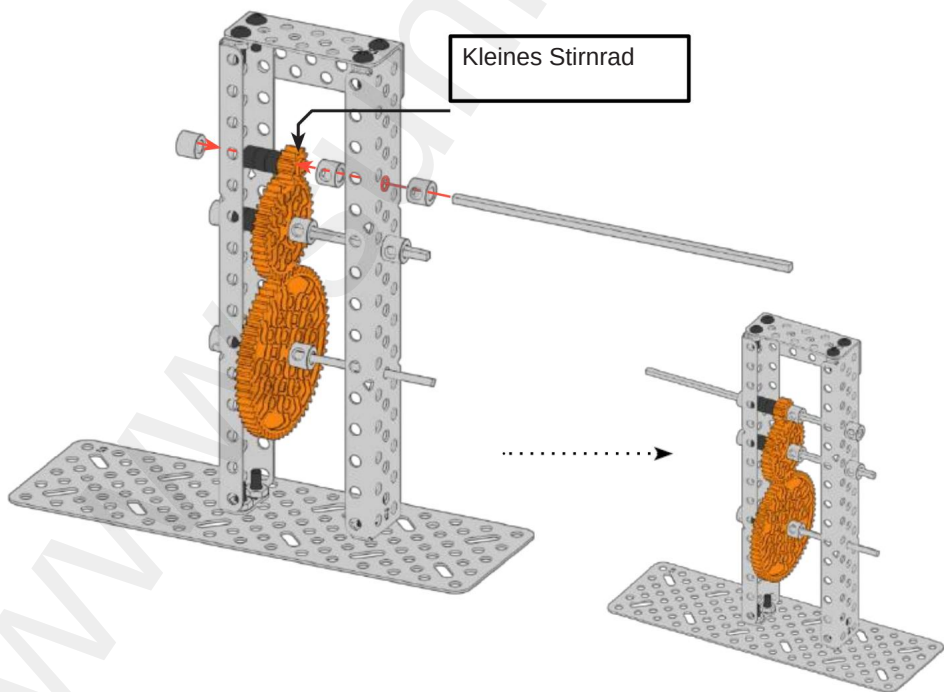
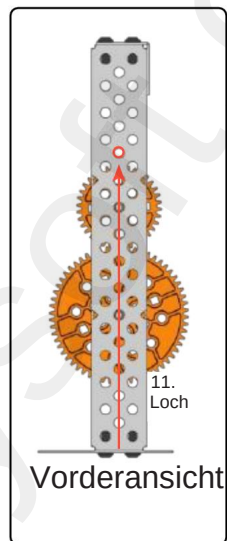
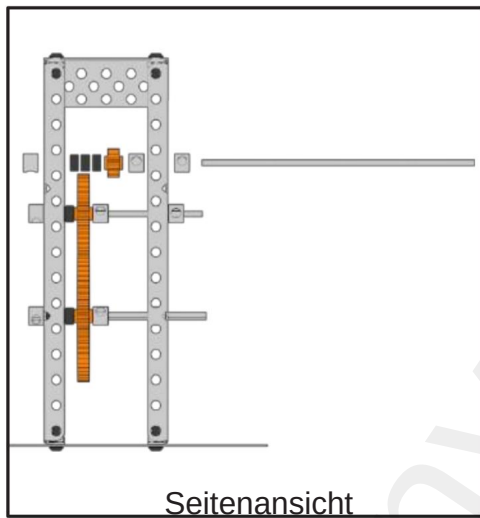
5

1:1 Abhilfe 3.5

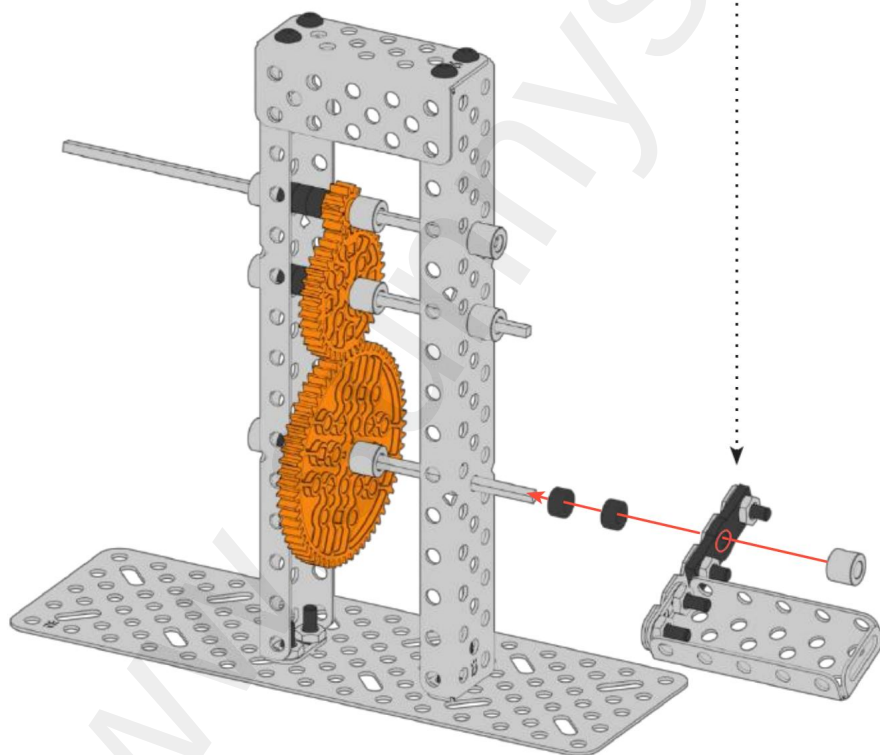
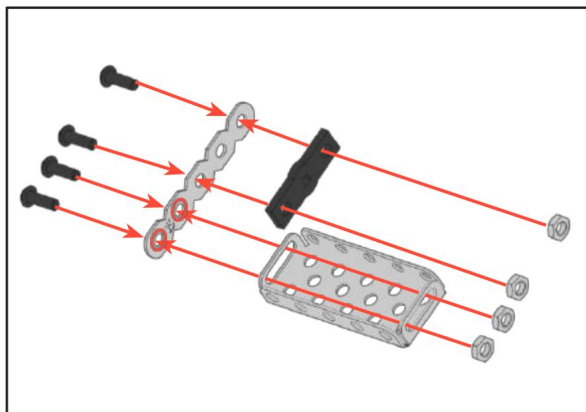




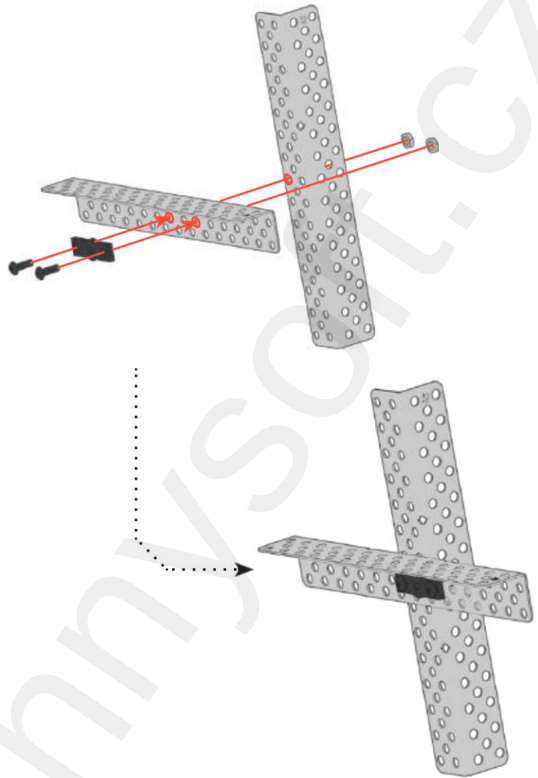
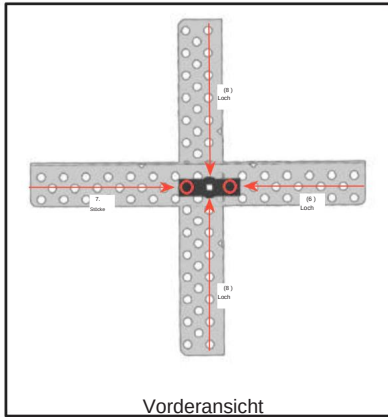
7



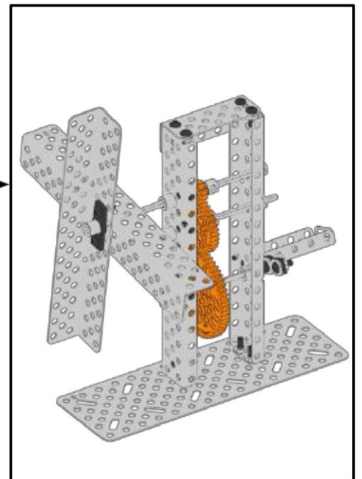
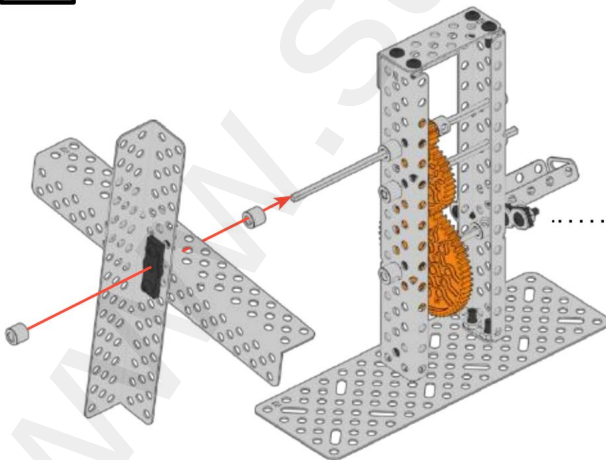
8



9

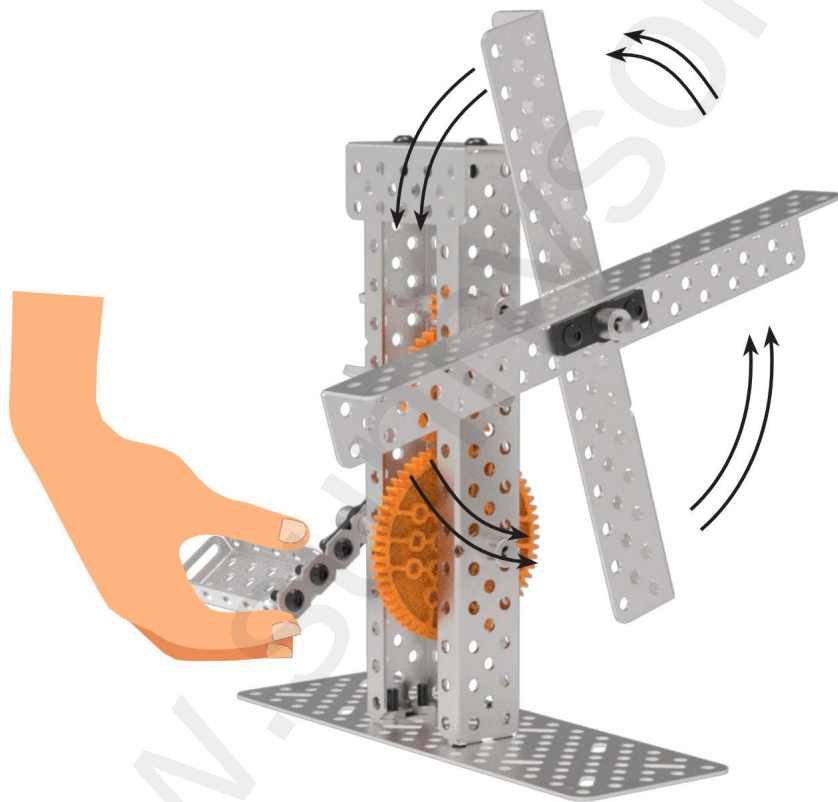


10

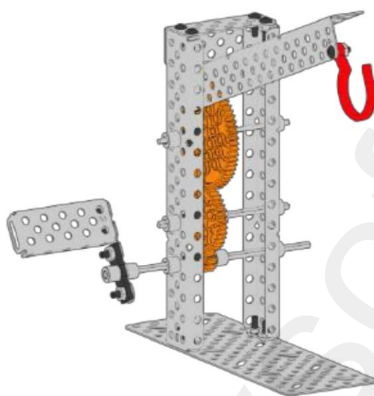


Wie man mit einem Fan spielt

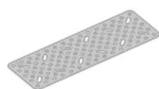
- Verwenden Sie den Hebel/Griff, um den Ventilator zu drehen.



Projekt 3: Kran



Was benötigen Sie?



7,5 Zoll
Rechteckige Platte x1



7,5 Zoll
L-Kanal x1



7,5 Zoll
U-Träger x2



2,5 Zoll
L-Kanal x1



2,5 Zoll
Kleiner Flexi x1



2,5 Zoll
U-Träger x1



5,5 Zoll Achse x1



3,5 Zoll-
Achse x2



3-Loch
-Anschlüsse x1



Großes
Stirnrad x1



Mittleres Stirnrad x1



Kleines
Stirnrad x1



Achssperre
x11



Füllungen
x9



Nüsse
x15

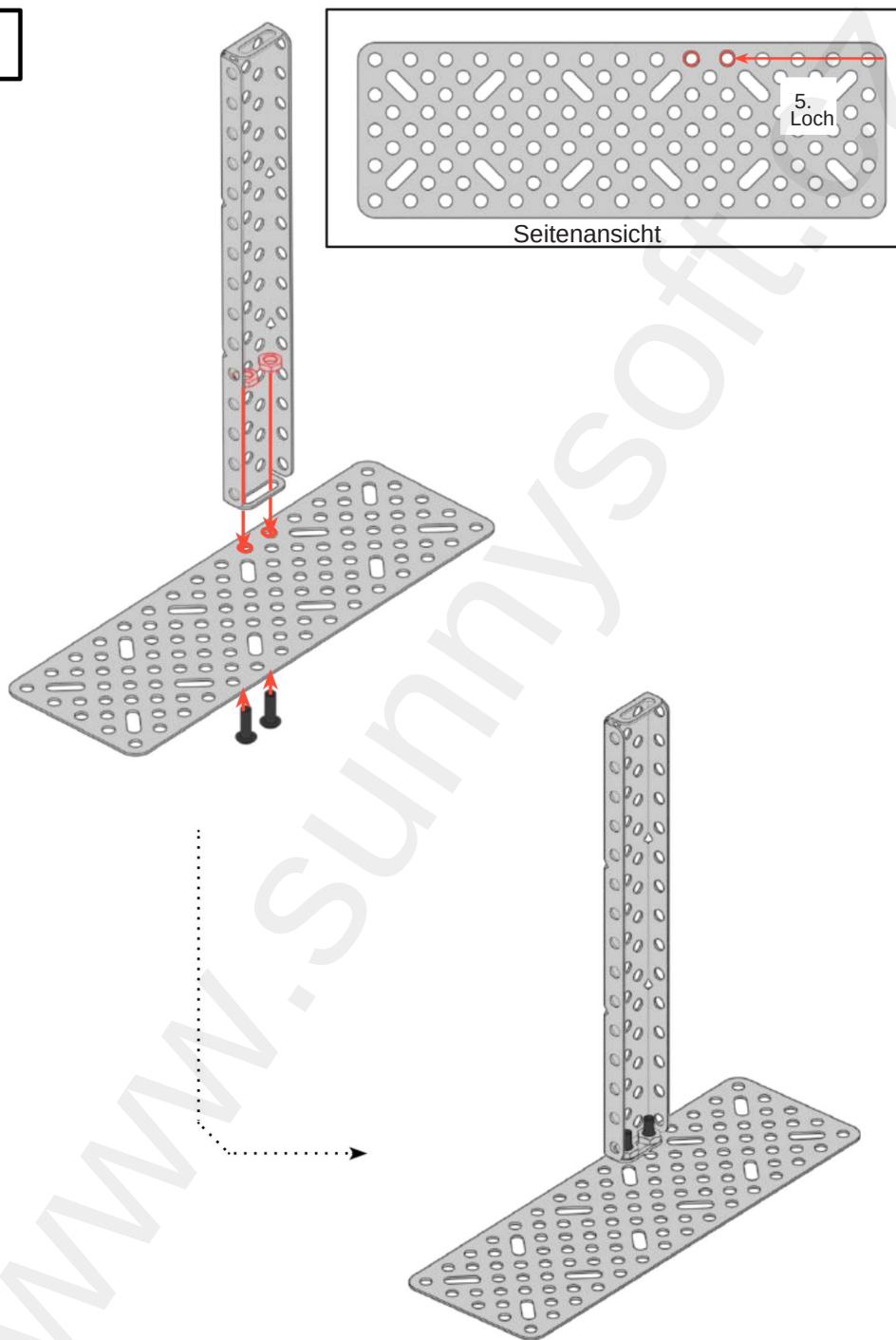


12mm Schrauben
x15

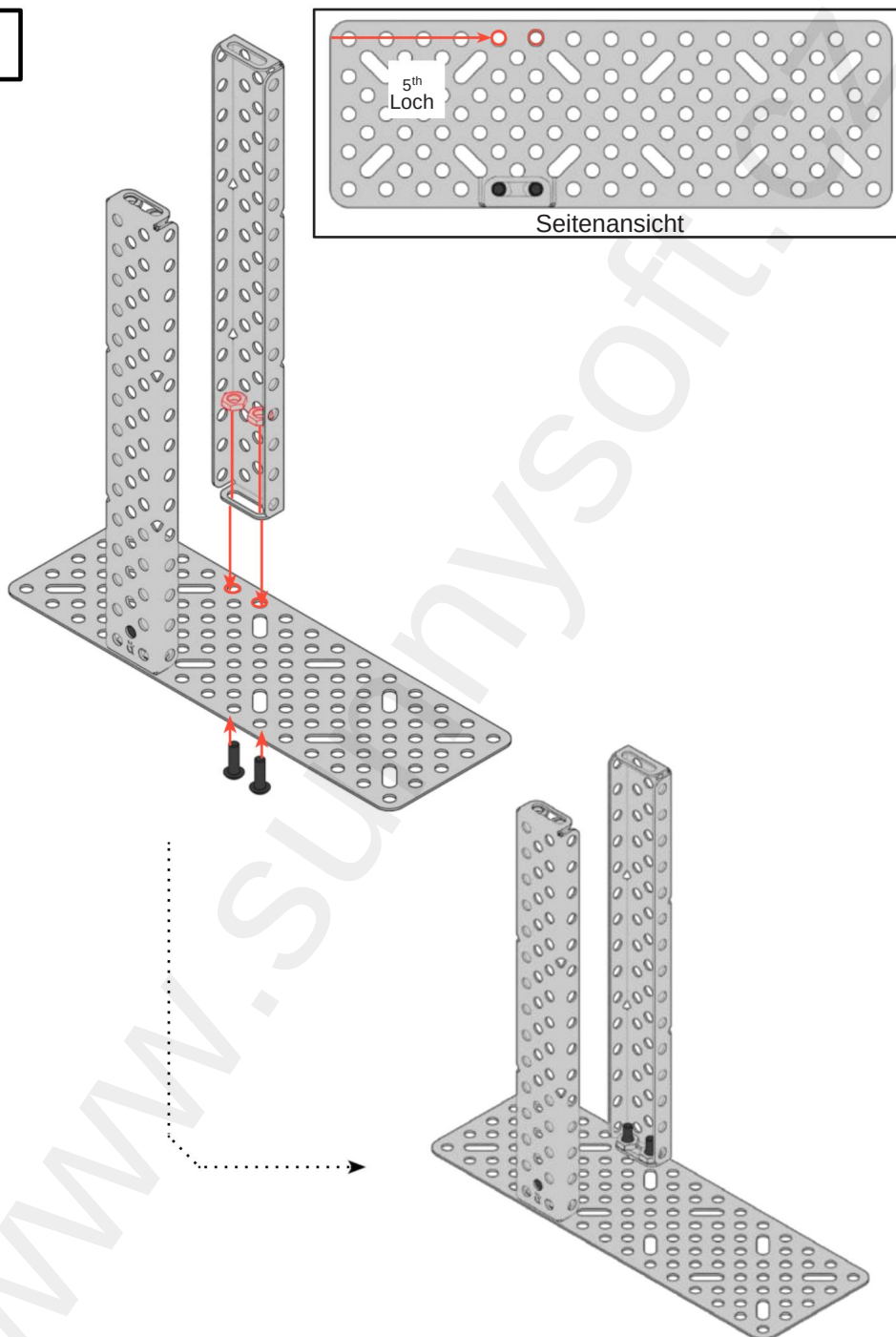


Kunststoffhaken
x1

1

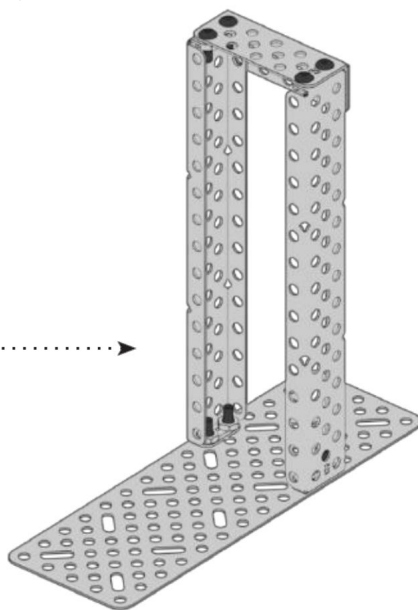
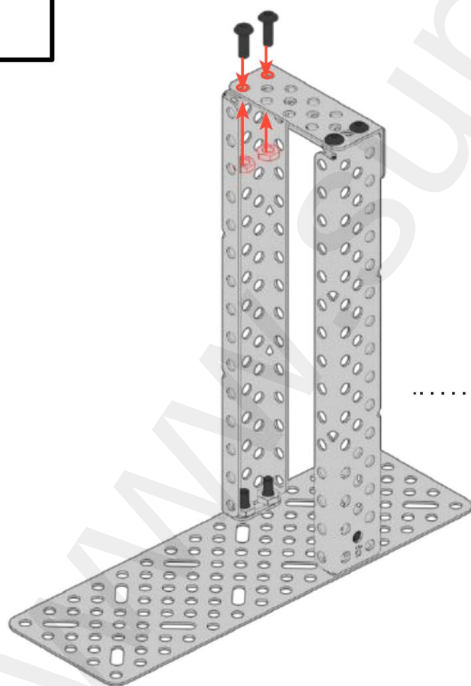
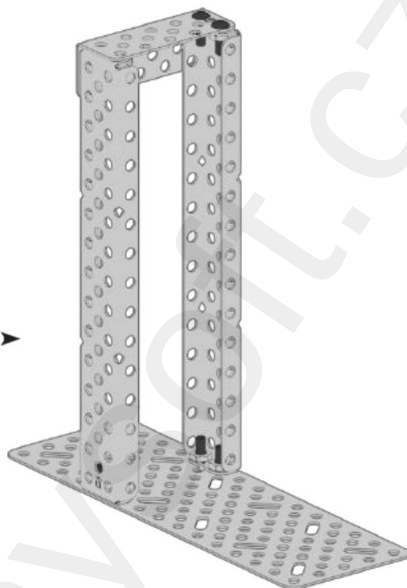
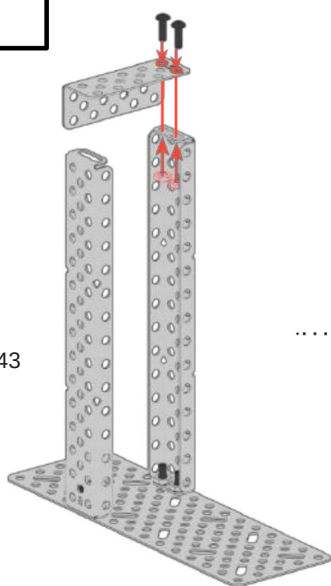


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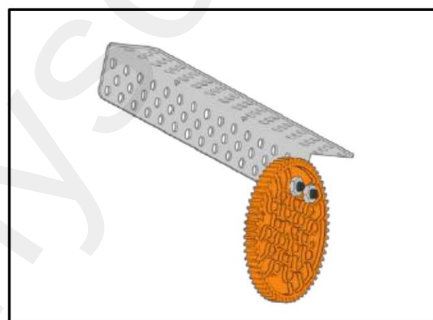
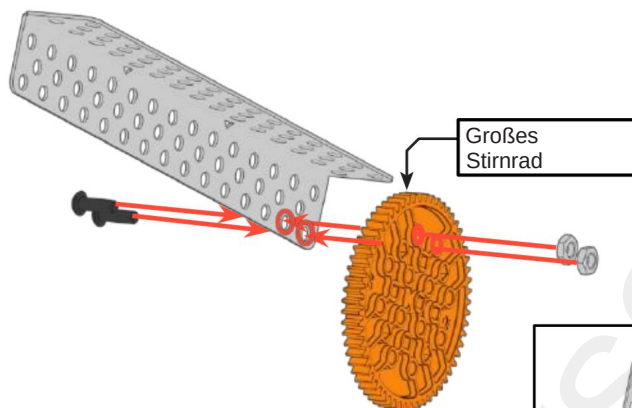




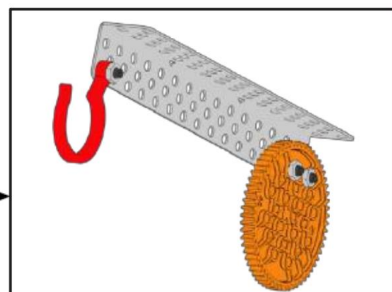
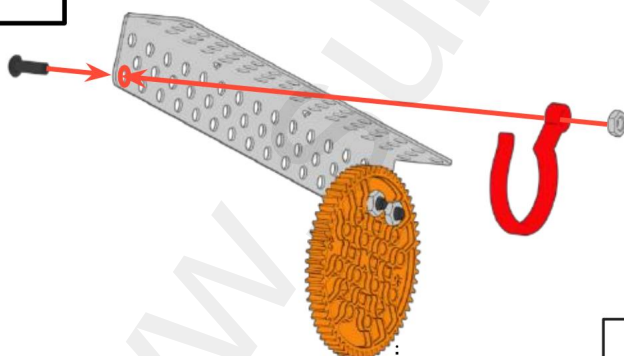
43



5

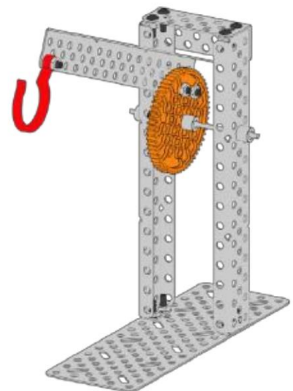
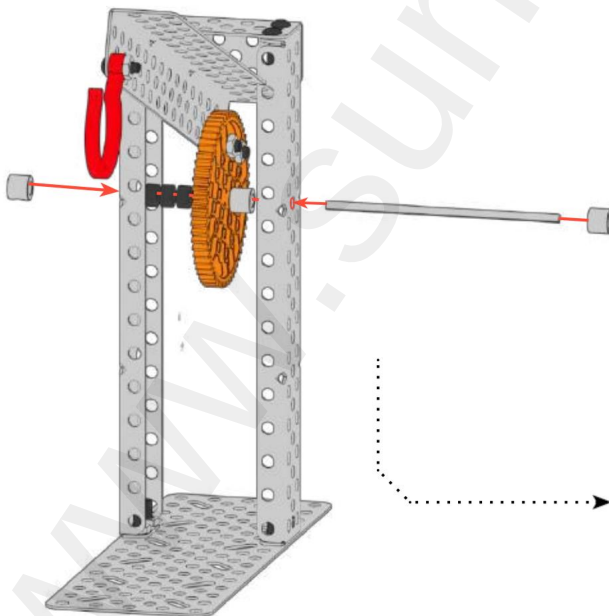
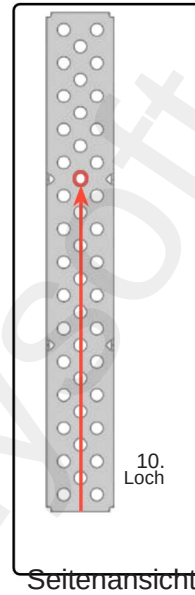
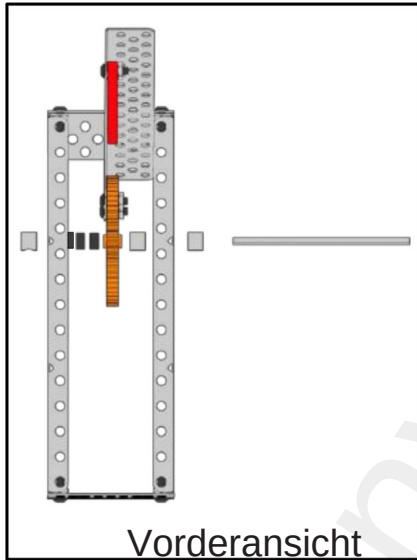


6



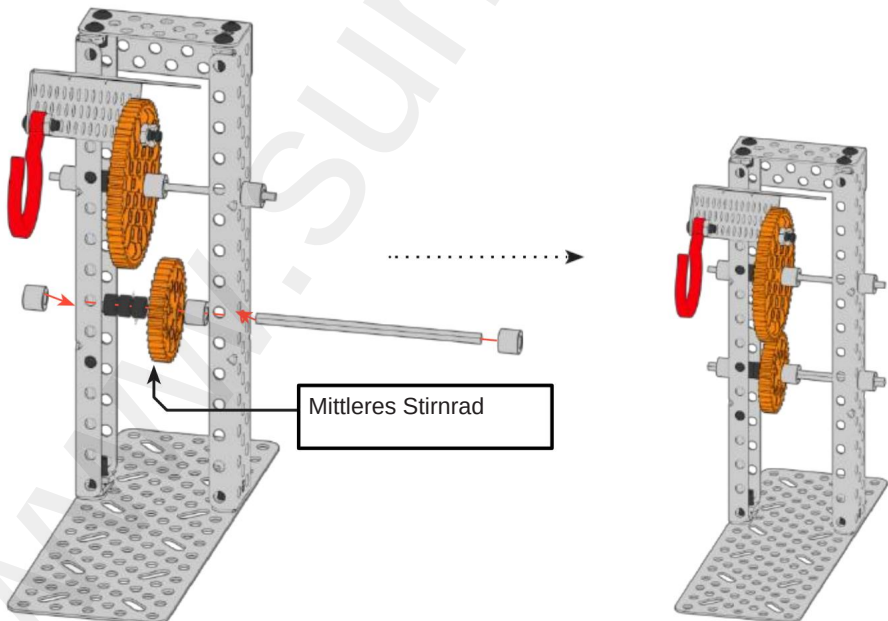
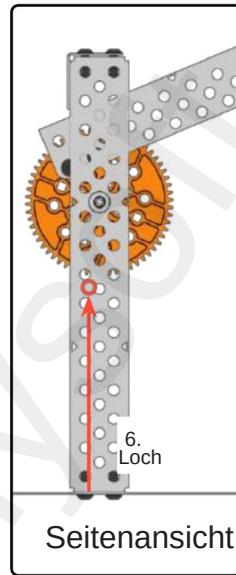
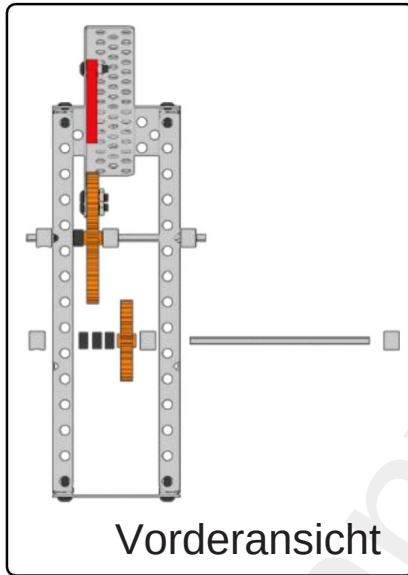
7

Abhilfe 1:1 3,5

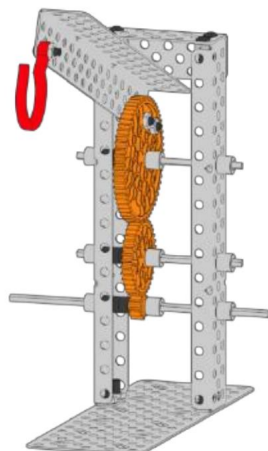
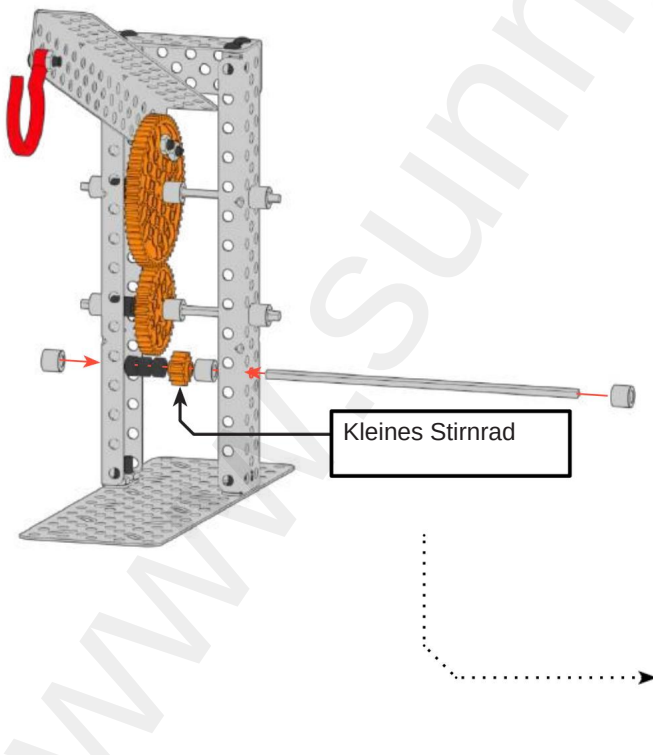
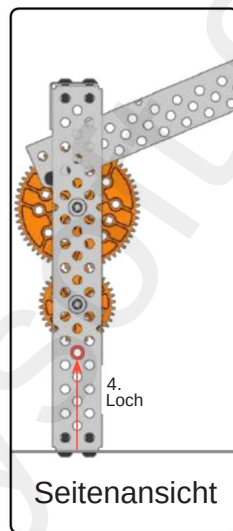
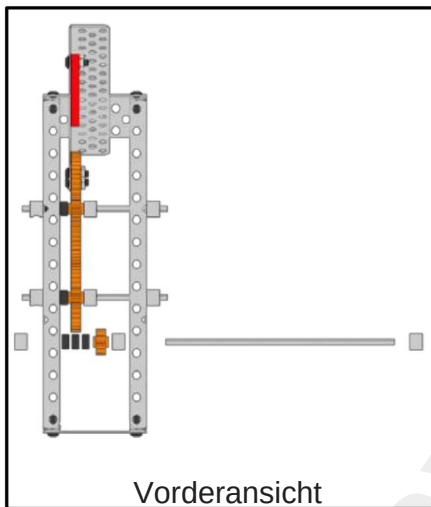


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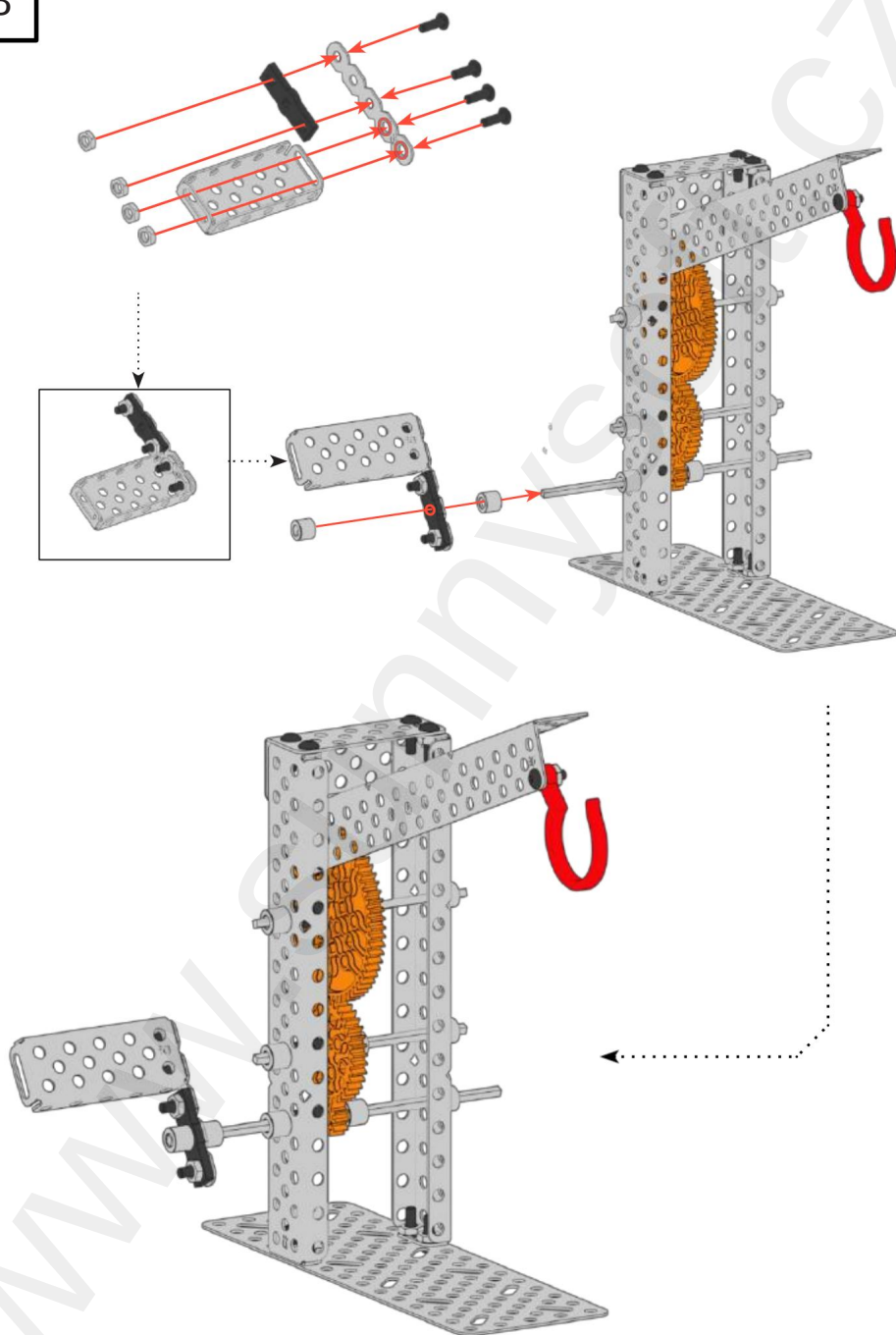
Abhilfe 1:1 3,5



9

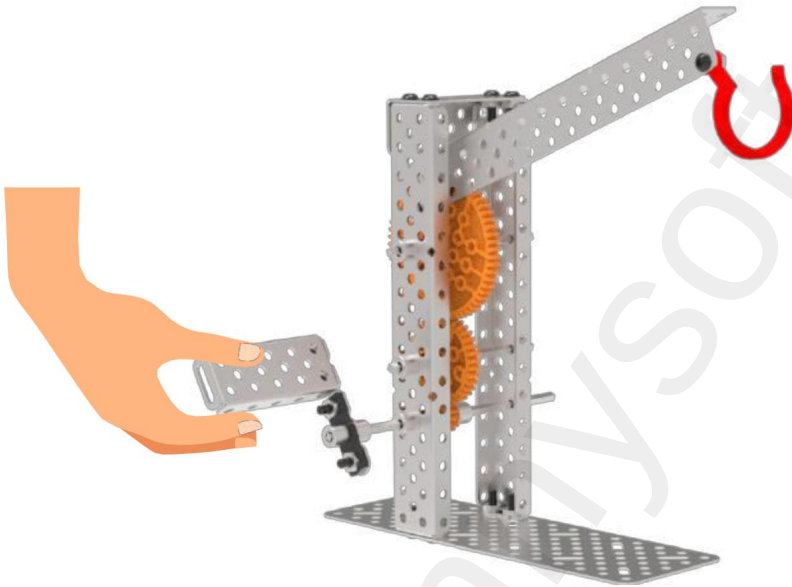


8

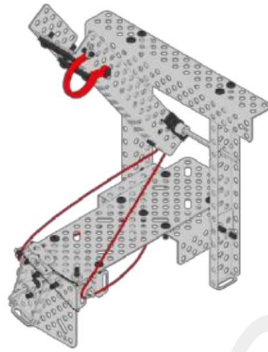


Wie man mit einem Kran spielt

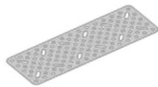
- Drehen Sie den Hebel/Griff, um das Objekt anzuheben und den Kran zu bedienen.



Projekt 4: Katapult



Was benötigen Sie?



7,5 Zoll
Rechteckige
Platte
x1



7,5 Zoll
Kanal L
x2



7,5 Zoll
U-Träger
x2



2,5 Zoll
Kanal L
x3



2,5 Zoll
Flexi
x1



2,5 Zoll
U-Träger x3



Füllungen x1



Achssperre
x9



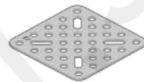
Steckverbinder mit
3 Löcher x5



5,5 Zoll
Achse x1



3,5-Zoll-Achse
x2



2,5 Zoll
L-Kanal x1



12 mm Schrauben
x31



Nuss
x31



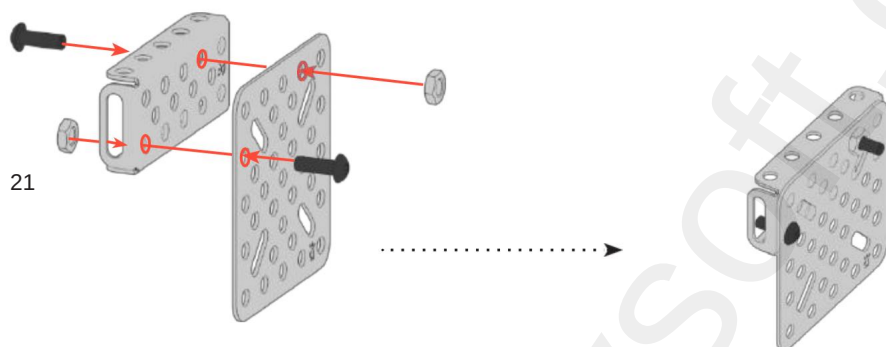
Kunststoffhaken
x1



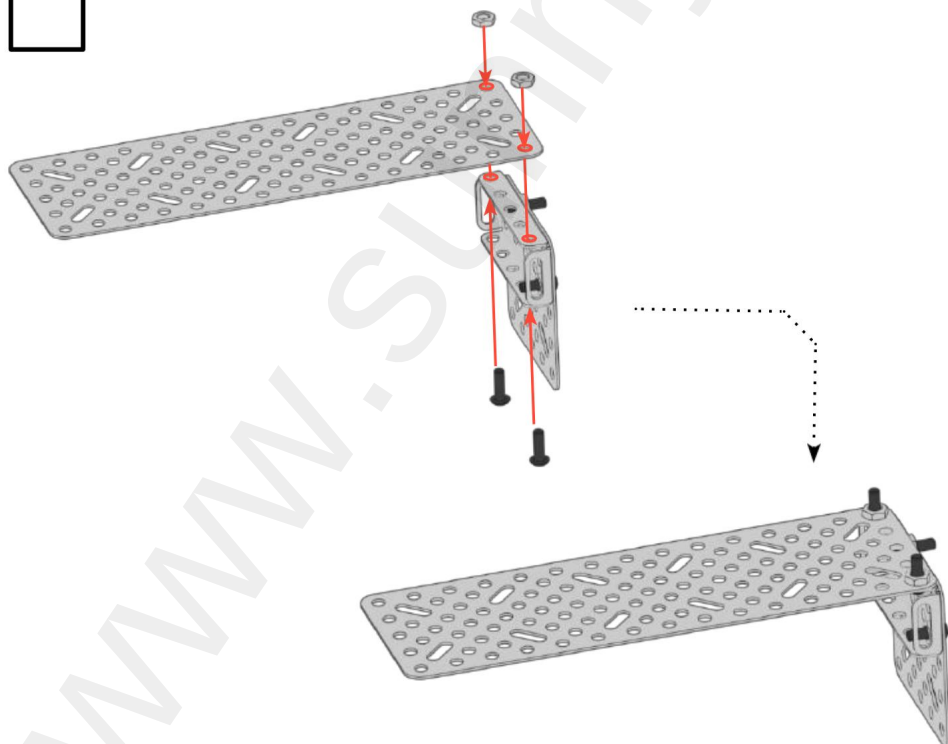
Großes Gummi
Band
x1



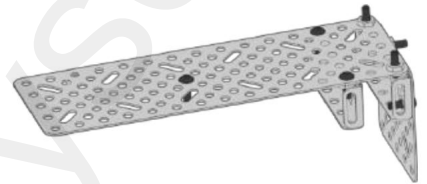
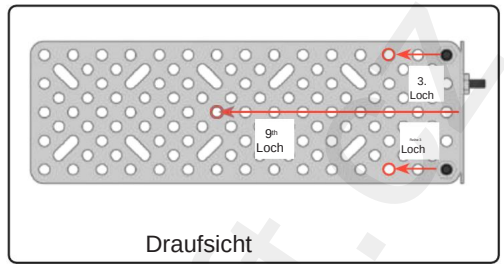
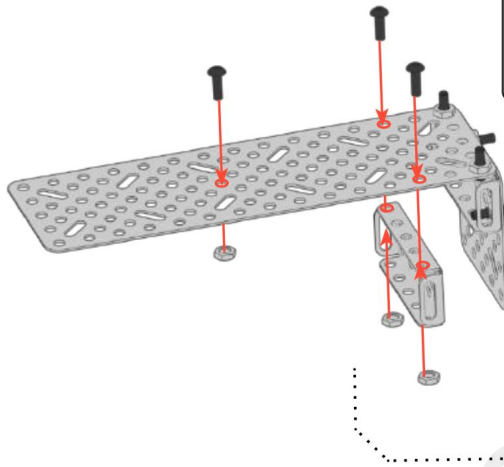
Kleiner Gummi
Band
x1



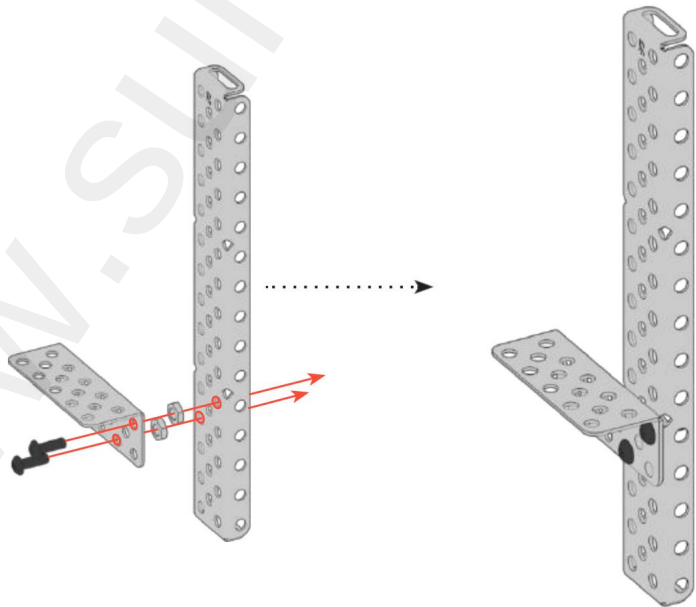
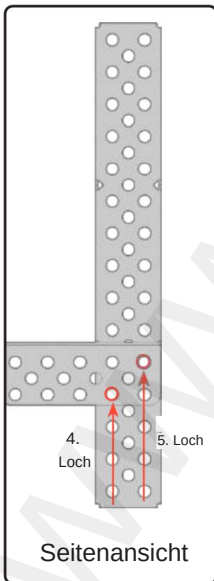
21



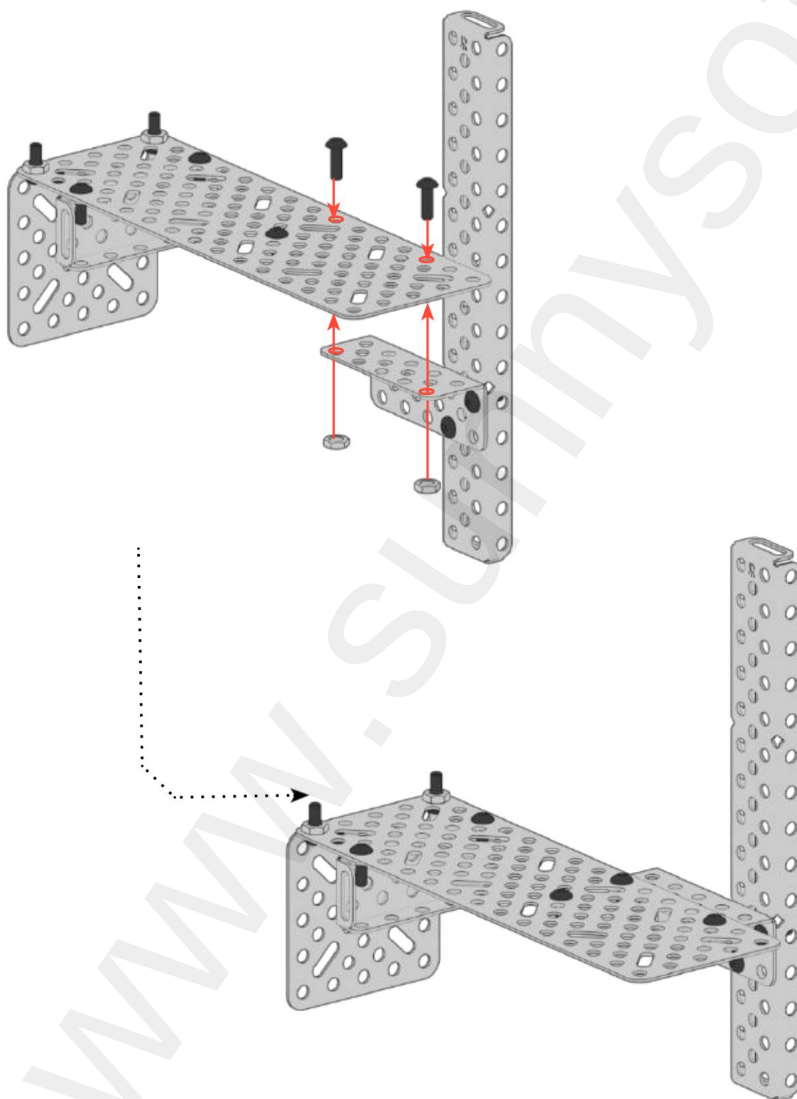
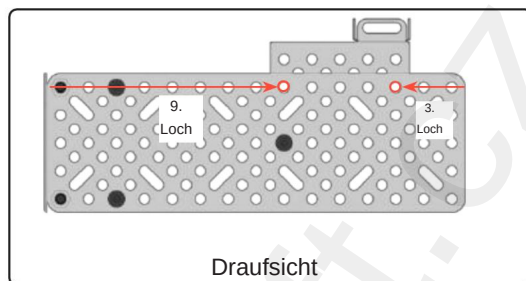
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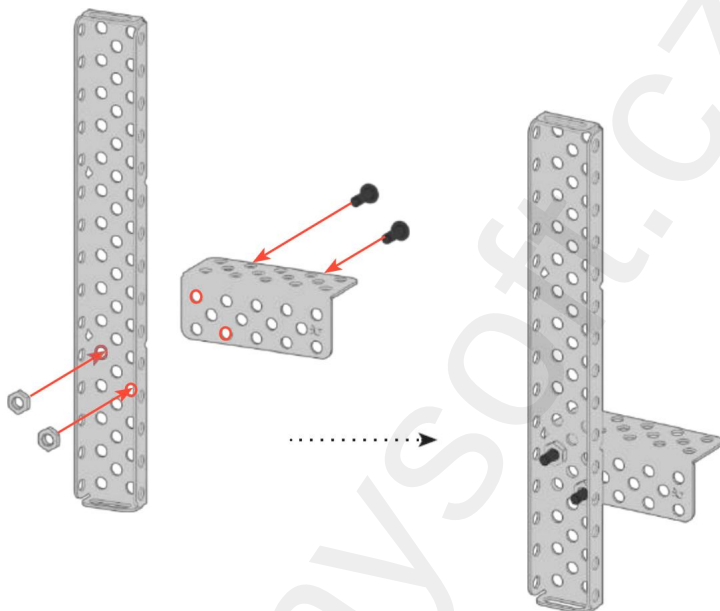
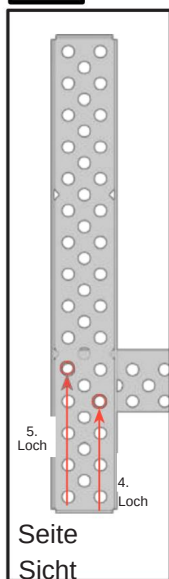
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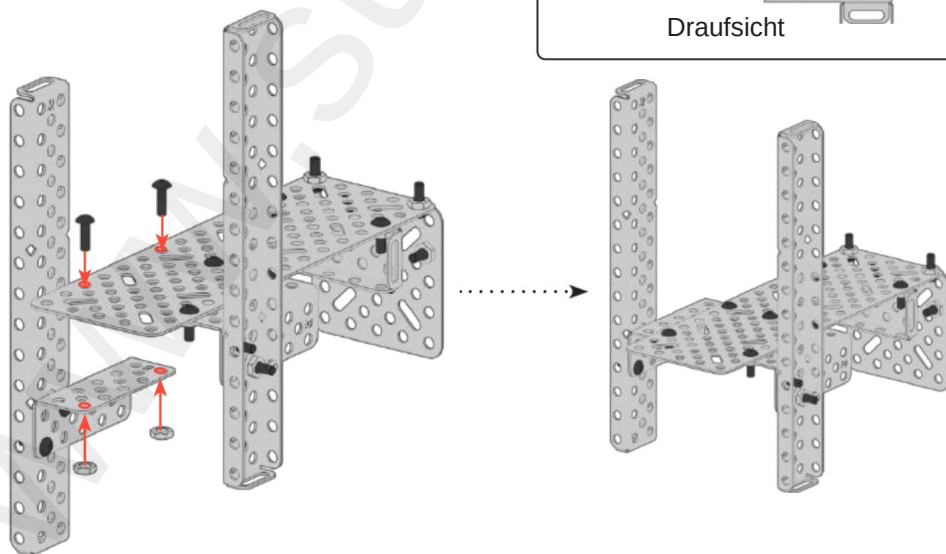
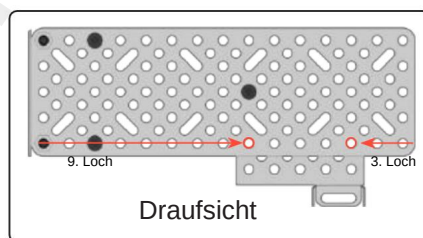
5



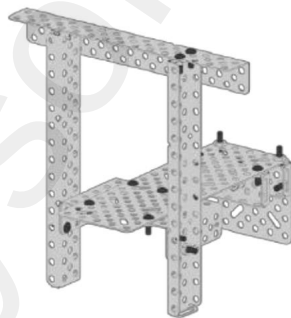
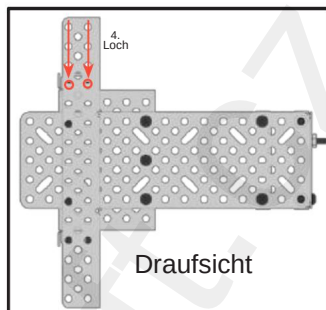
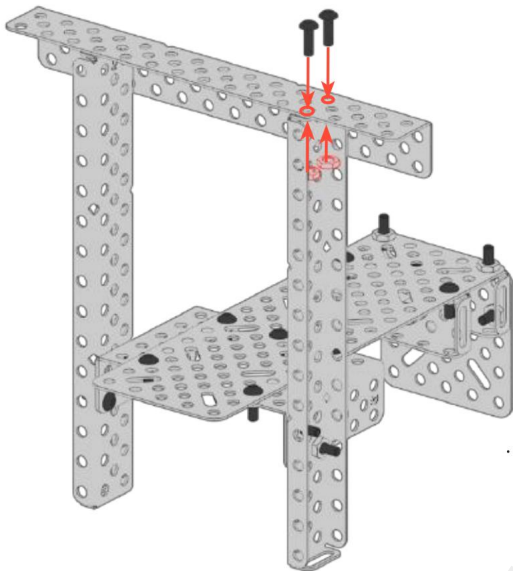
6



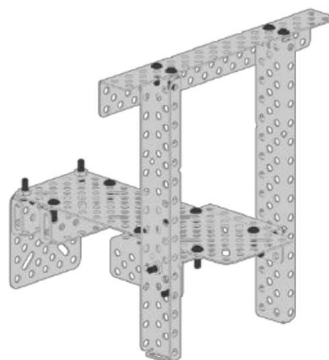
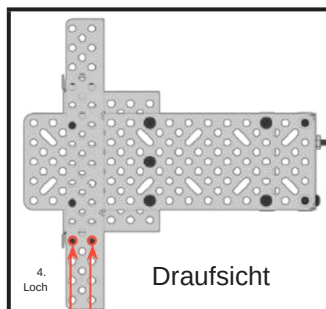
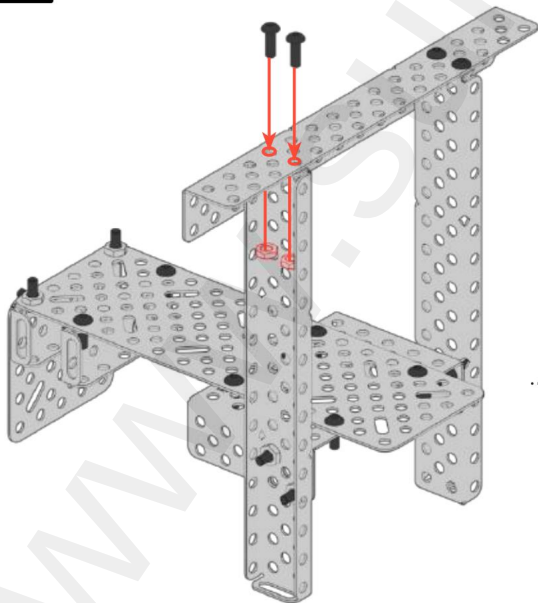
7



8

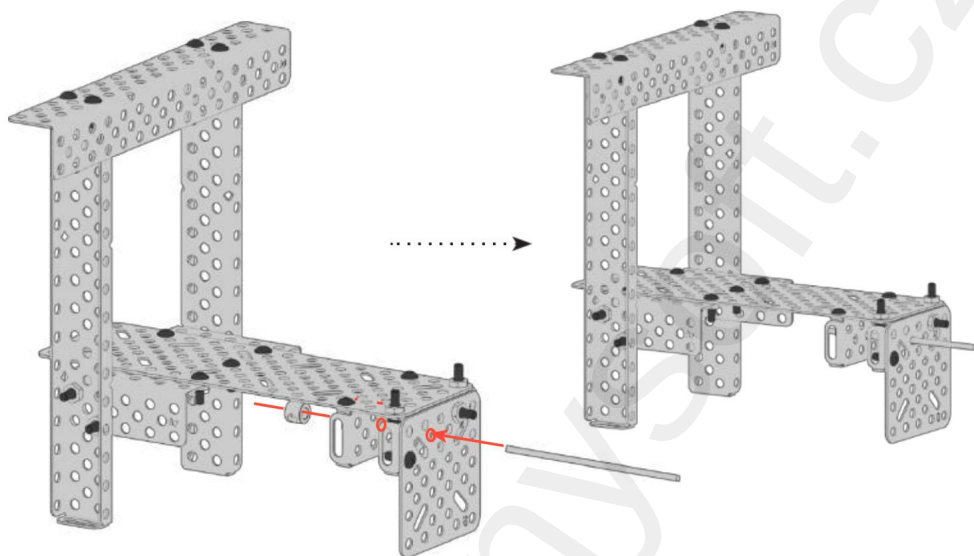


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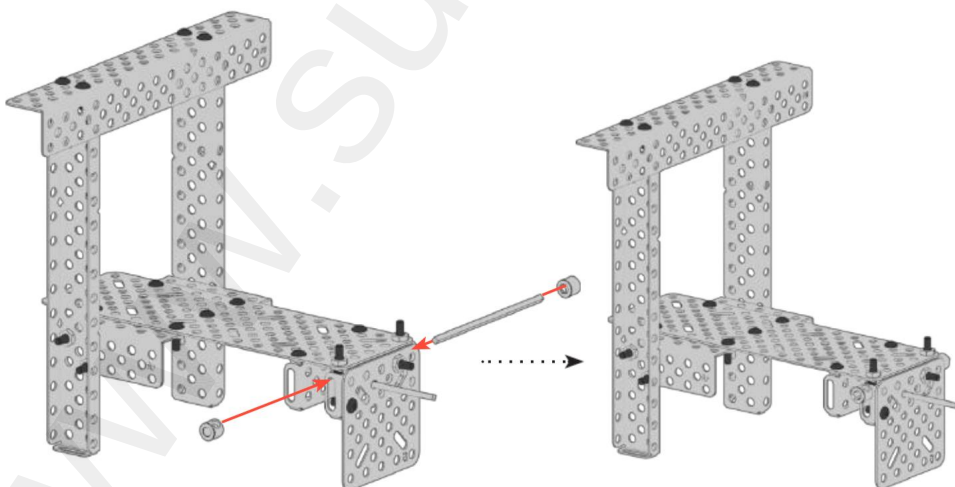
10

Abhilfe 1:1 3,5

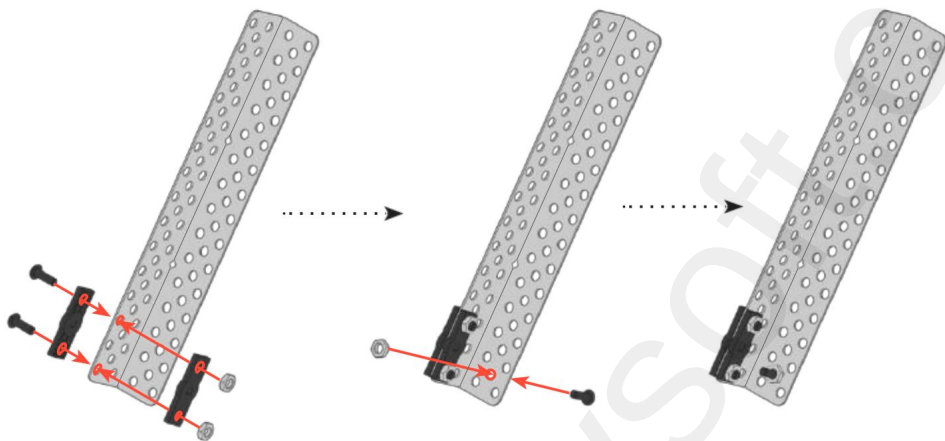


11

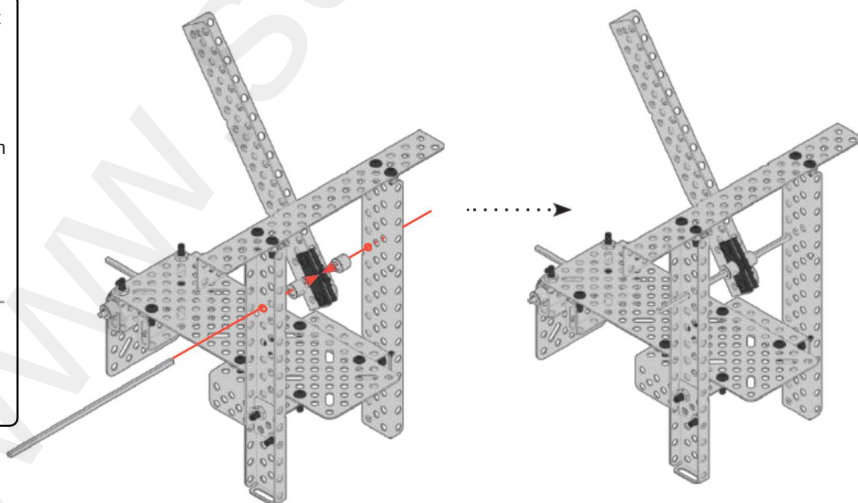
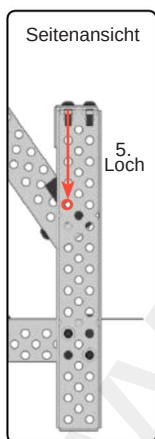
Abhilfe 1:1 3,5

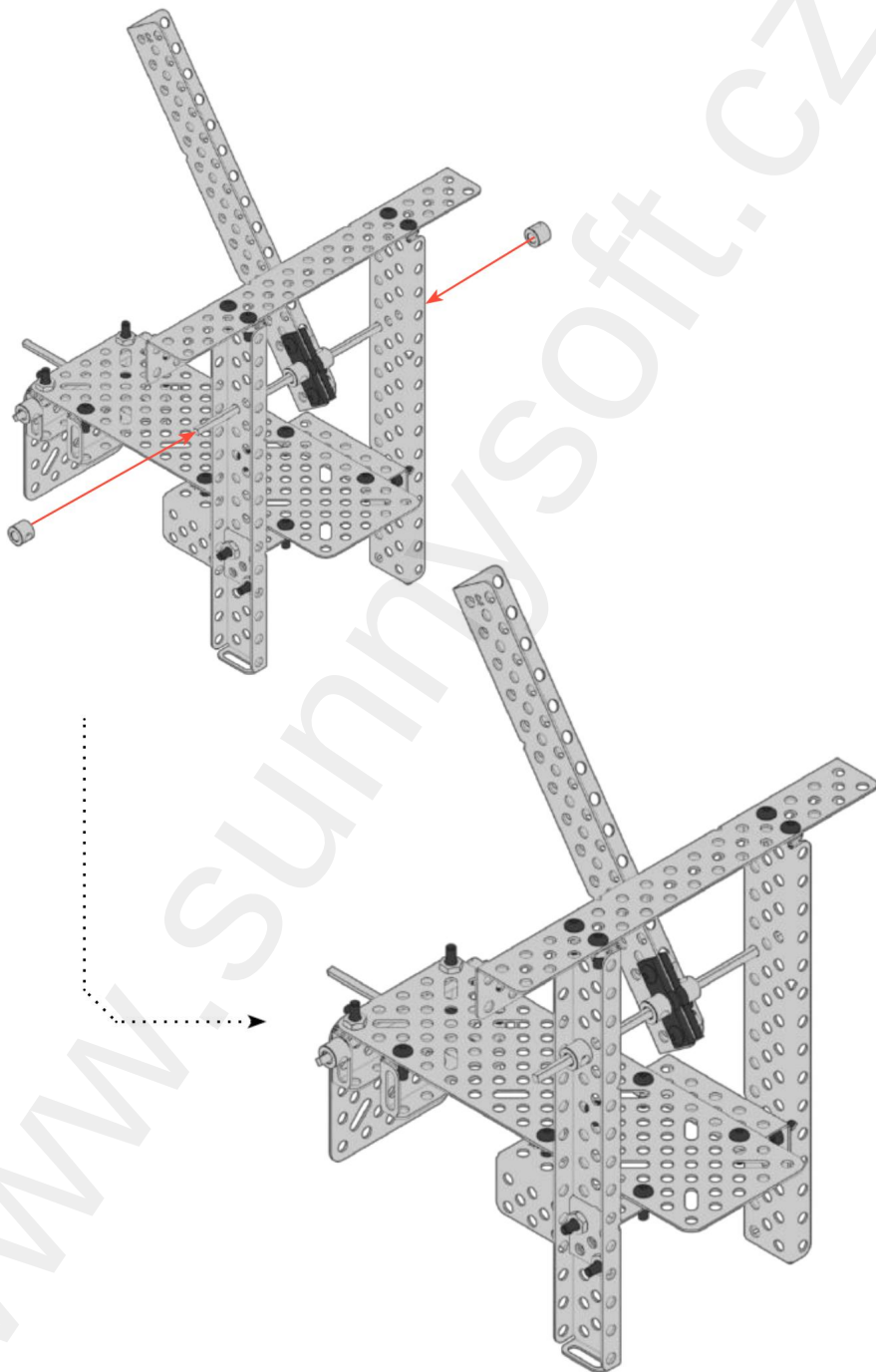


12

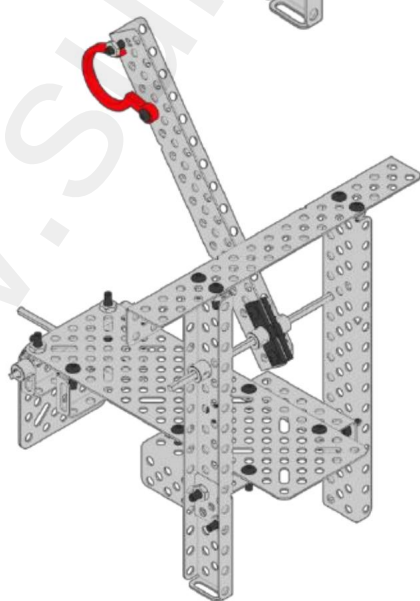
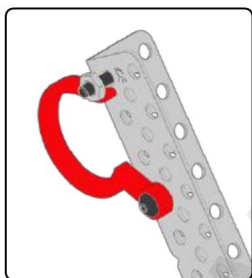
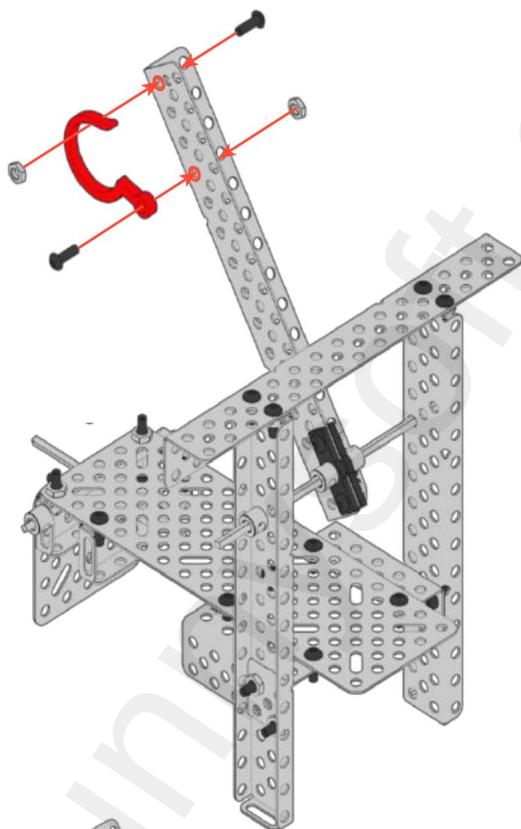
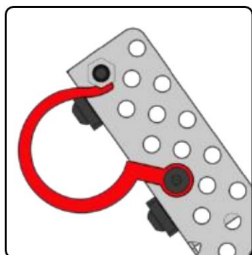
Abhilfe 1:1 5,5

13

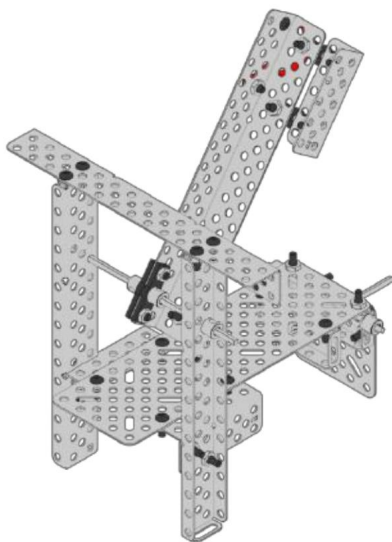
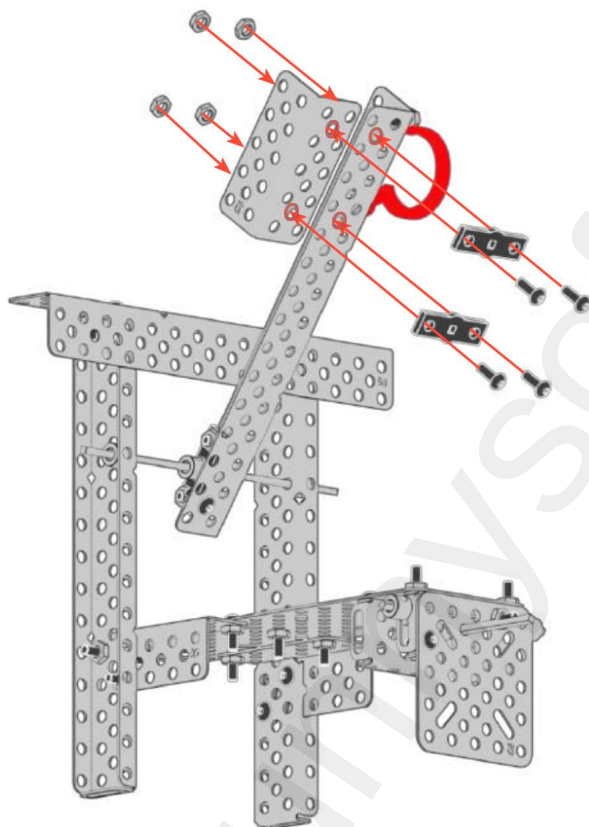




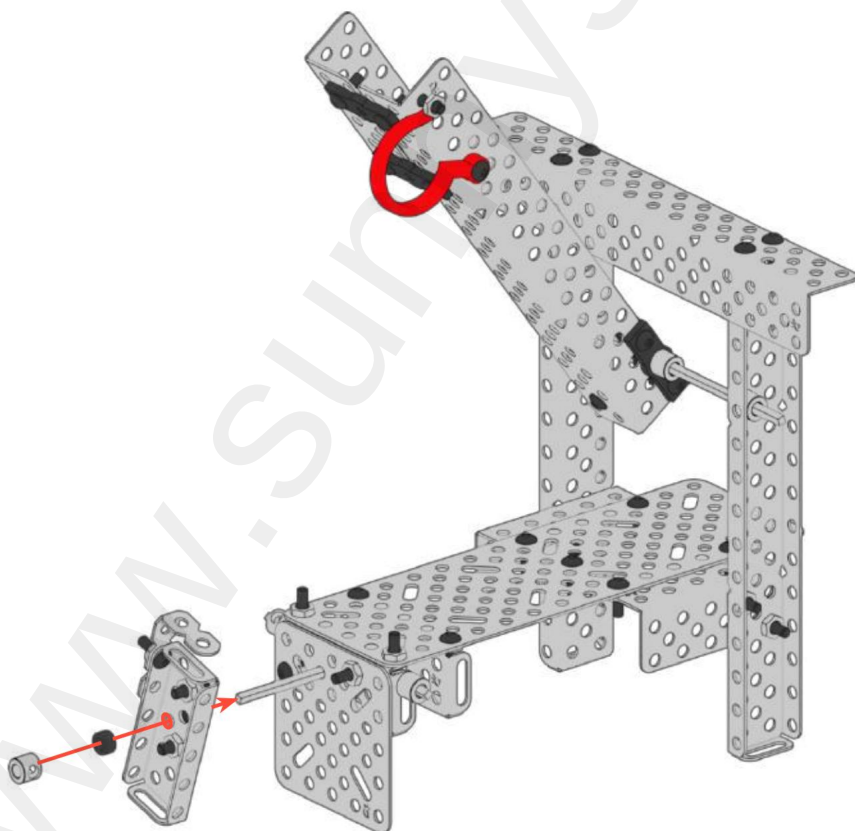
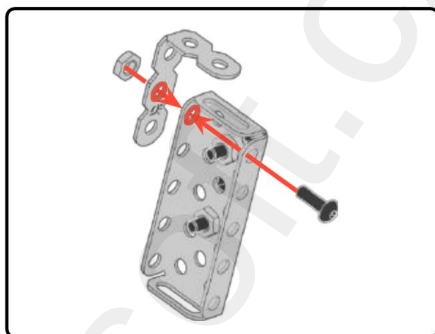
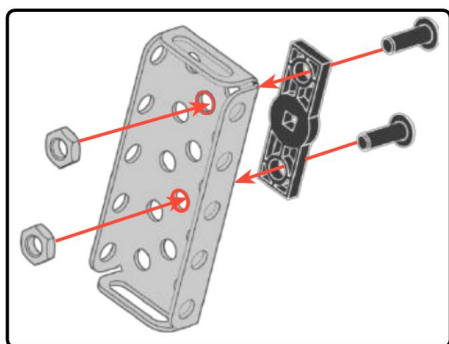
15



16

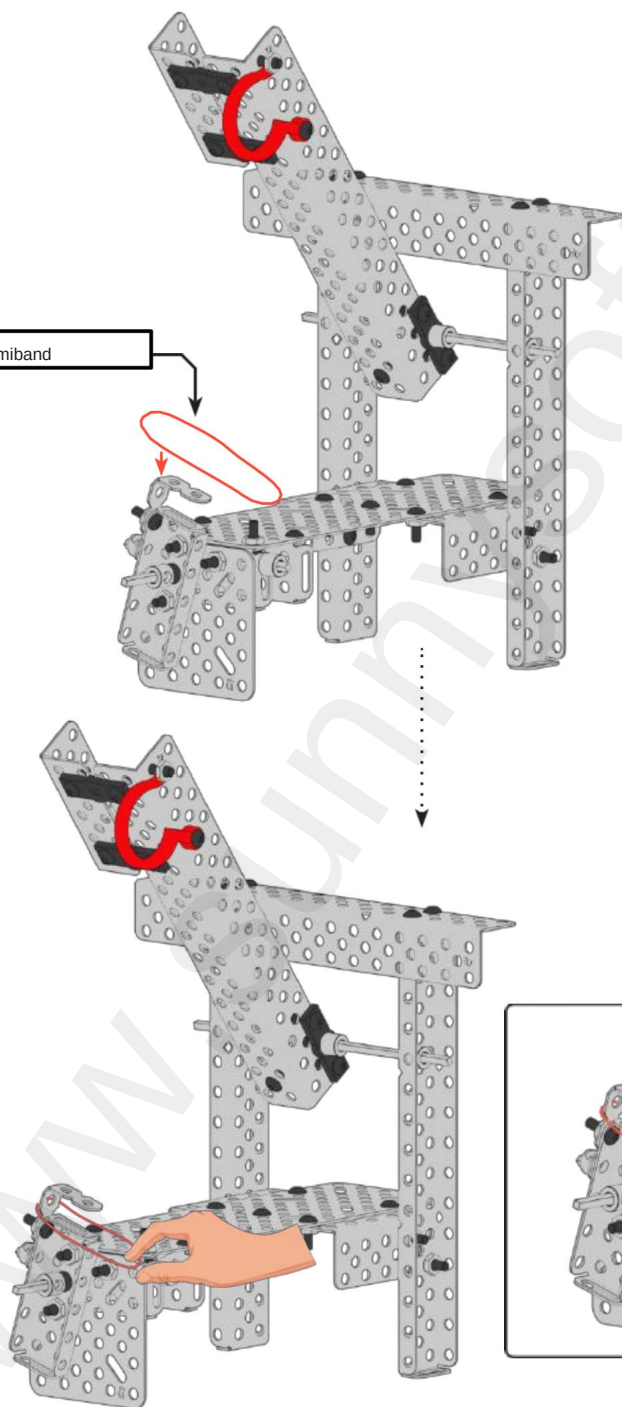


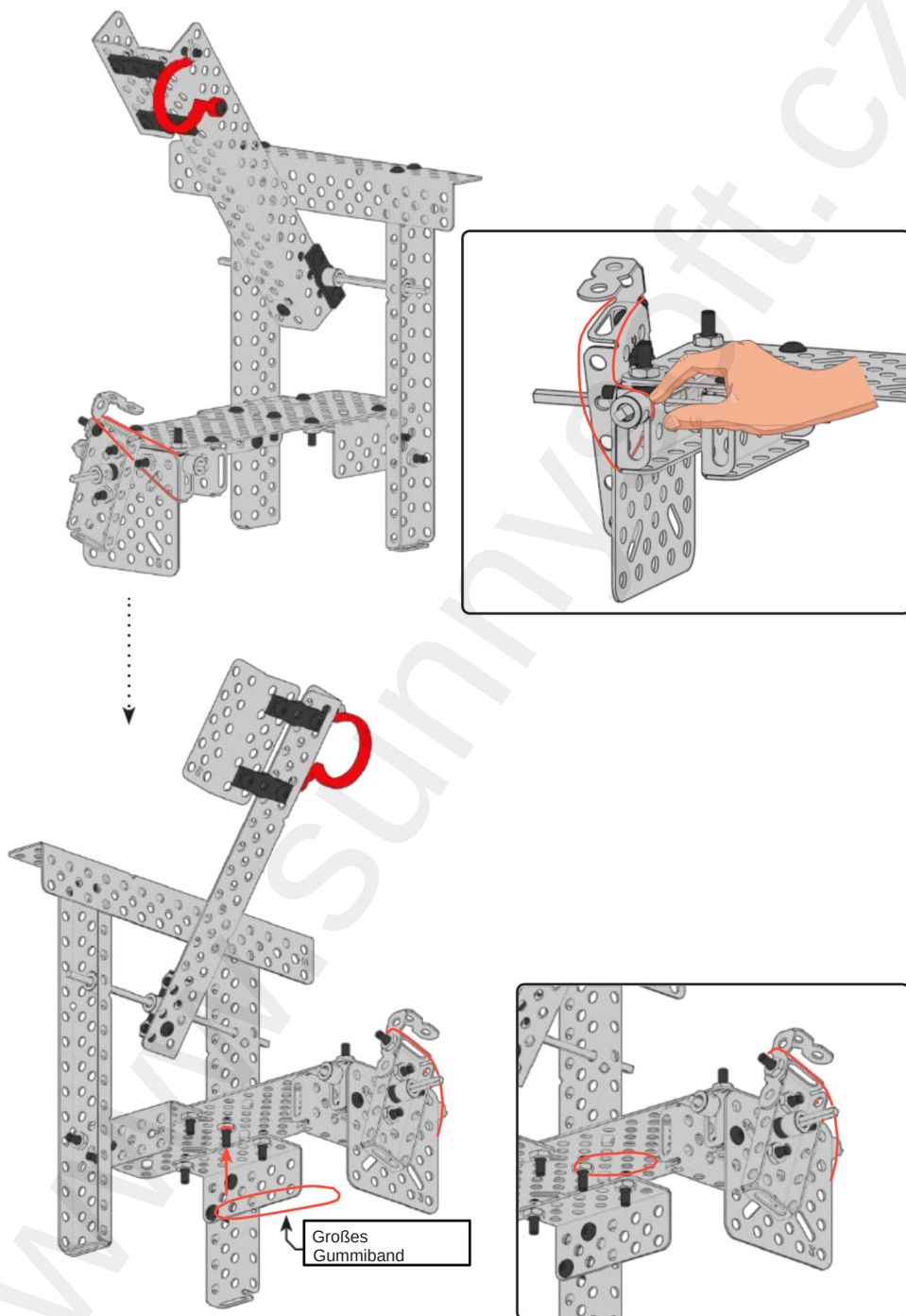
17

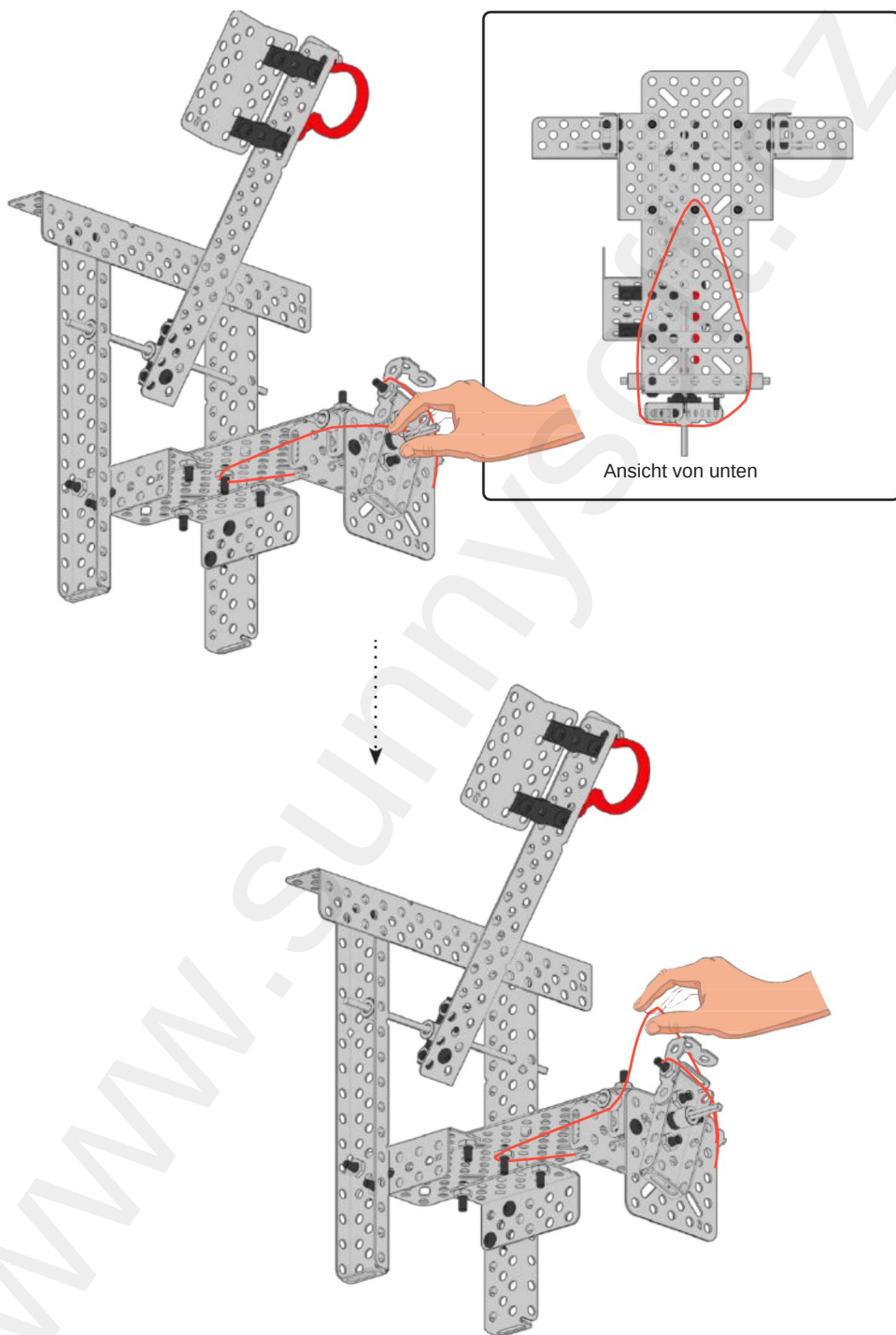


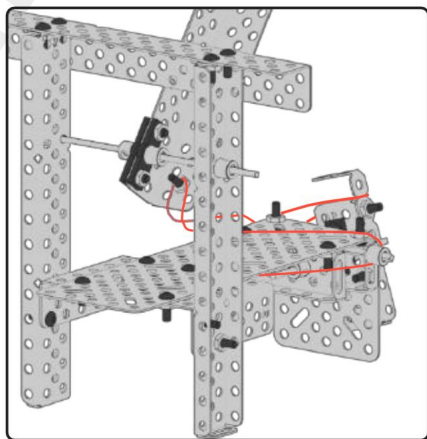
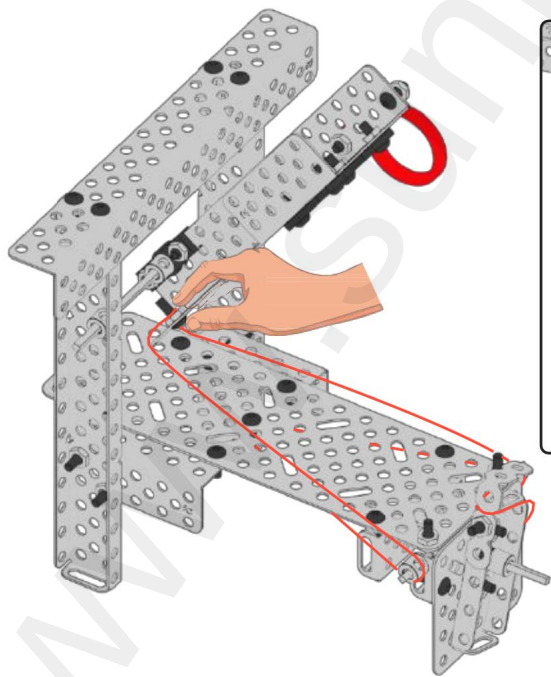
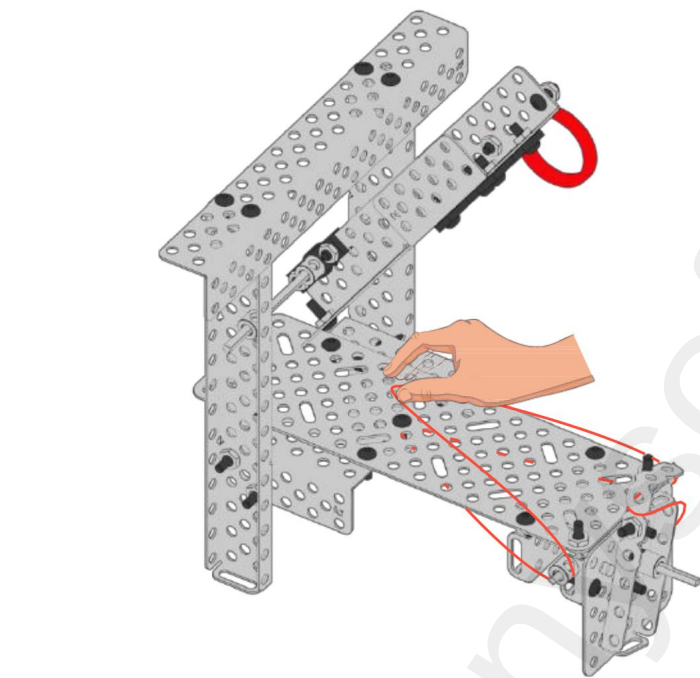
18

Kleines Gummiband



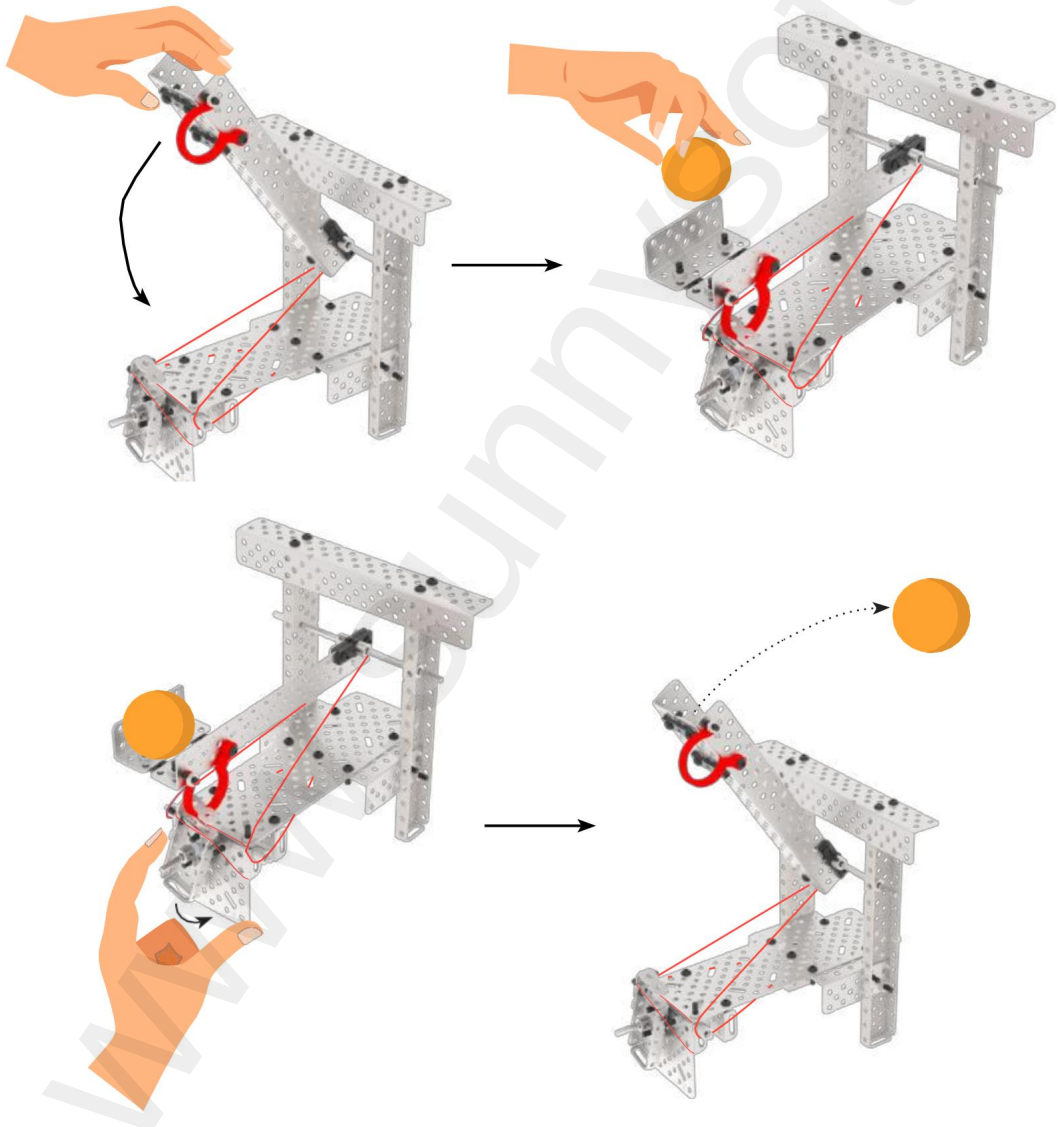




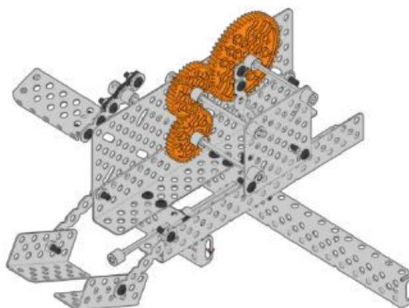


Wie man mit einem Katapult spielt

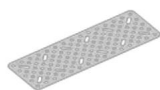
- Ziehen Sie den Arm nach unten
- Platzieren Sie das Schloss.
- Platzieren Sie den Ball.
- Lösen Sie die Sperre.
- Der Ball bewegt sich vorwärts.



Projekt 5: Ball Shooter



Was benötigen Sie?



7,5 Zoll
Rechteckige Platte

x1



7,5 Zoll
Kanal L

x2



7,5 Zoll
U-Träger

x1



2,5 Zoll
Kanal L

x2



2,5 Zoll
Flexi

x5



2,5 Zoll
U-Träger x2



Füllungen x3



Sperren
Korrekturen
x16



Steckverbinder mit
3 Löcher x3



5,5" Achse
x2



3,5 Zoll
Achse x2



2,5 Zoll
L-Kanal x1



12 mm Schrauben
x22



Nüsse
x22



Kleiner Gummi
Band
x1

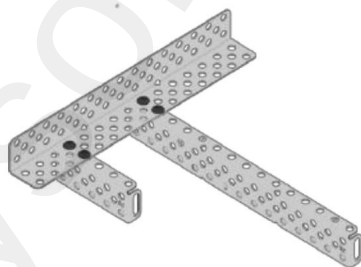
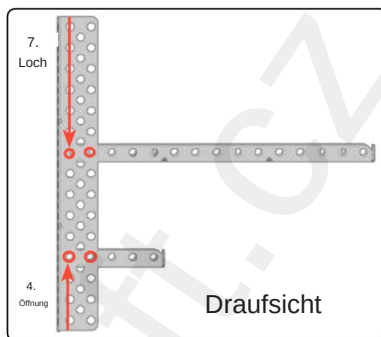
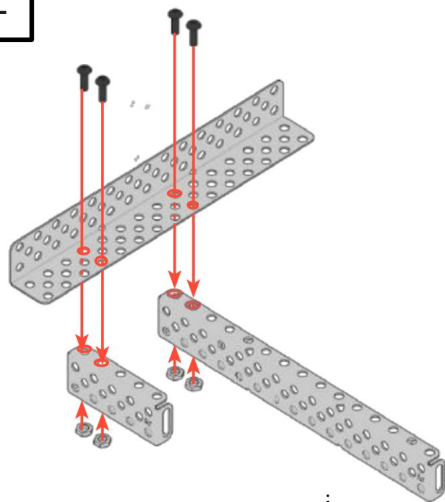


Große Front
Zahnrad x1

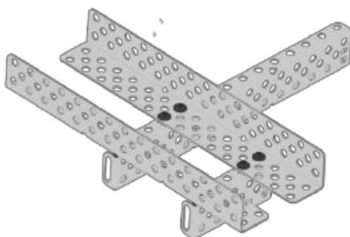
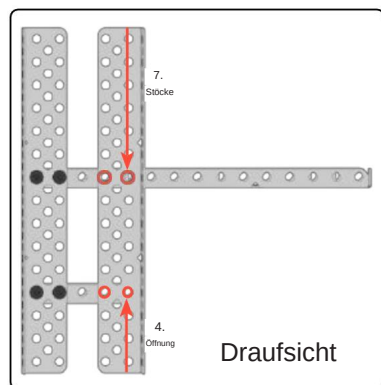
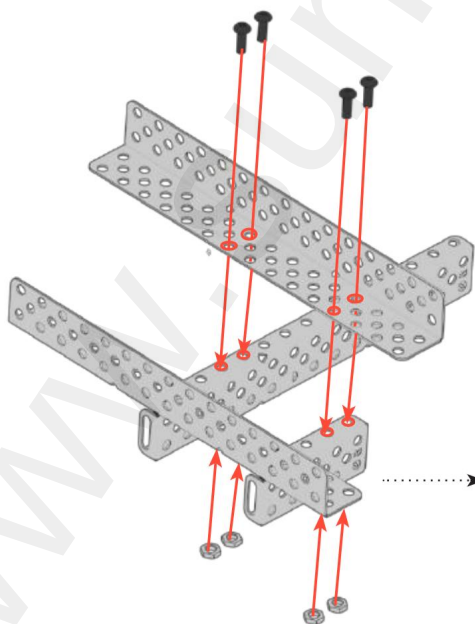


Mittlere Frontalansicht
Zahnrad
x2

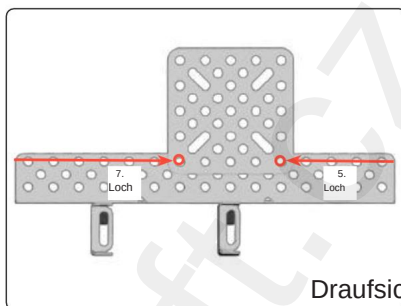
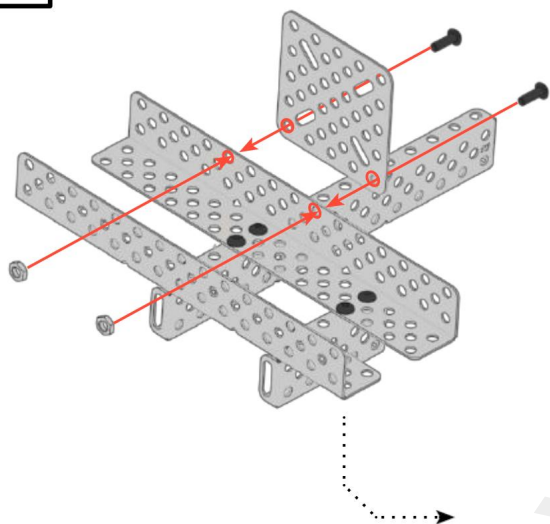
1



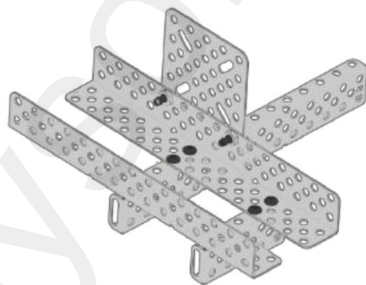
2



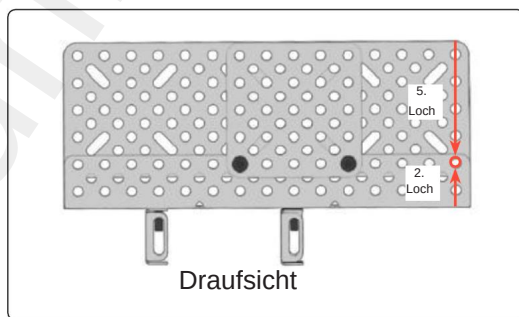
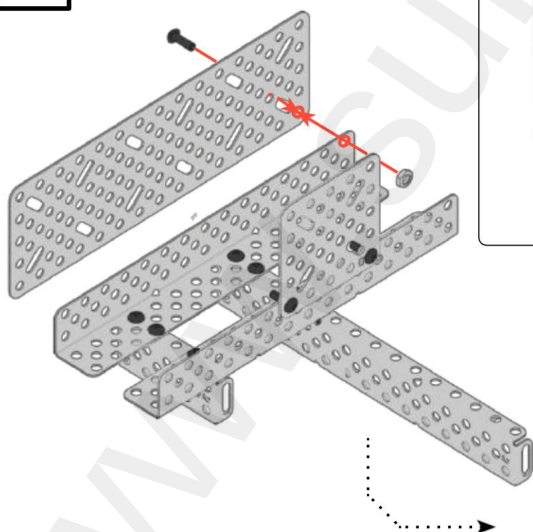
3



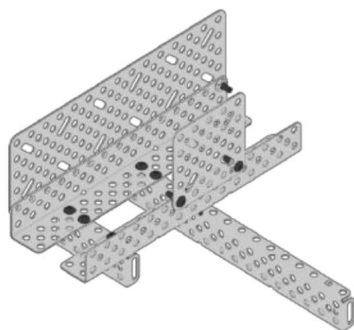
Draufsicht



4

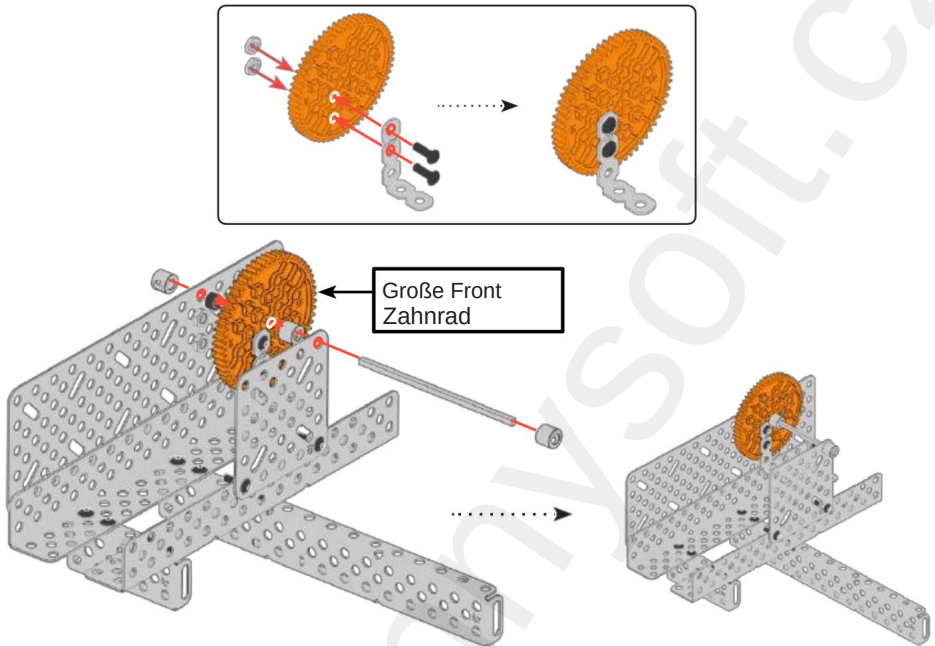


Draufsicht



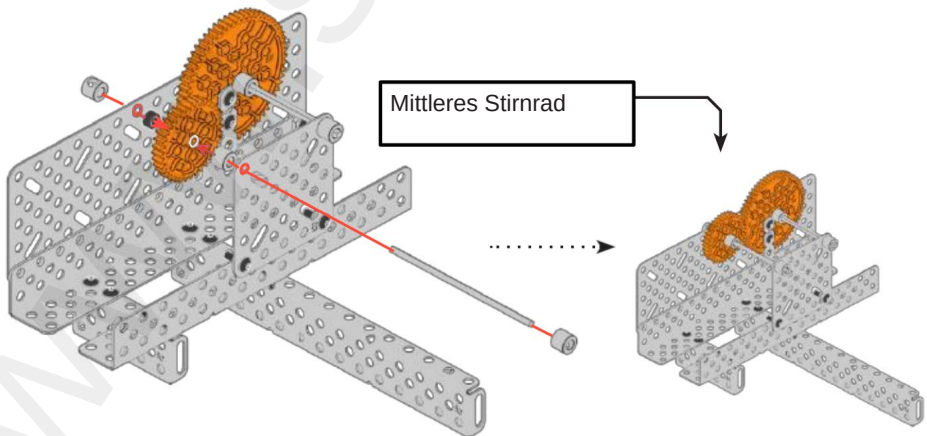
5

Abhilfe 1:1 3,5

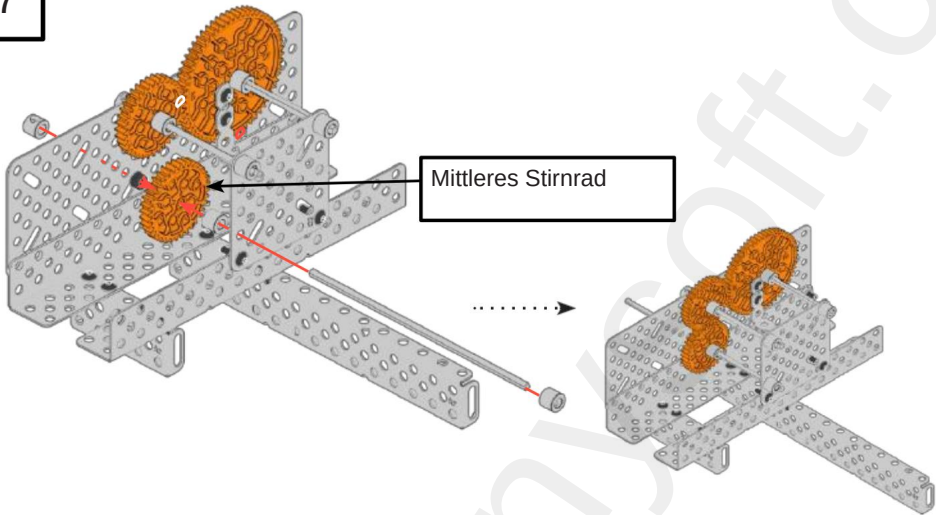


6

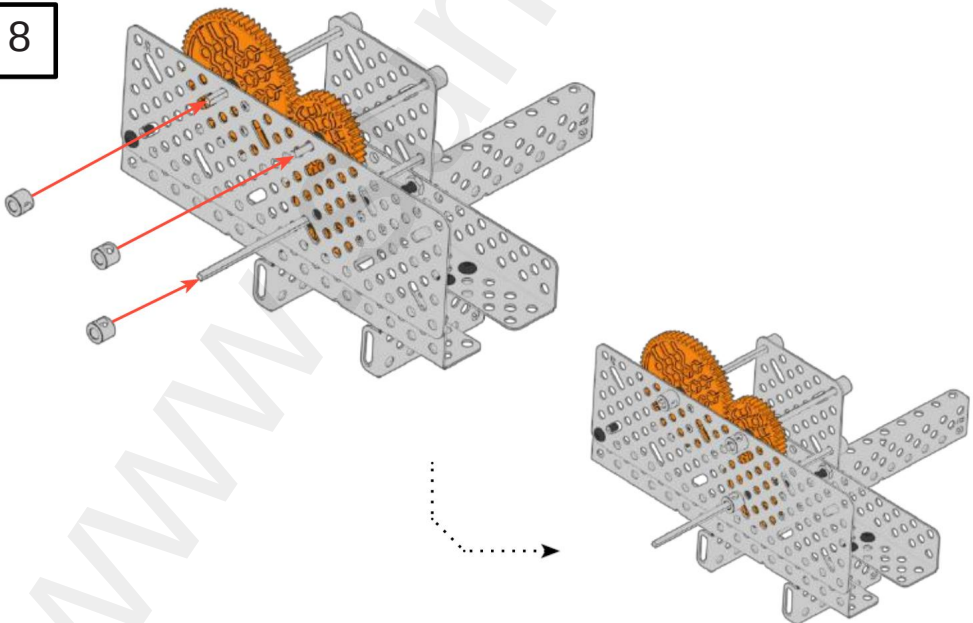
Abhilfe 1:1 3,5



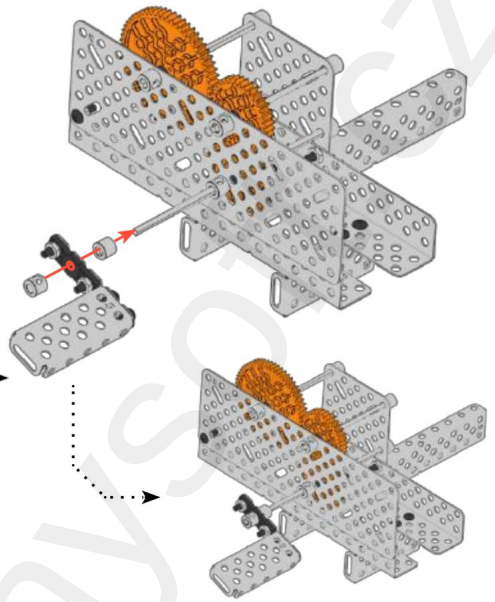
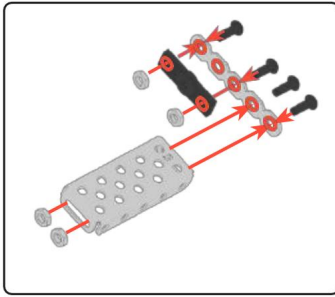
7



8

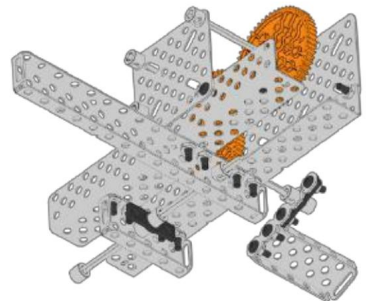
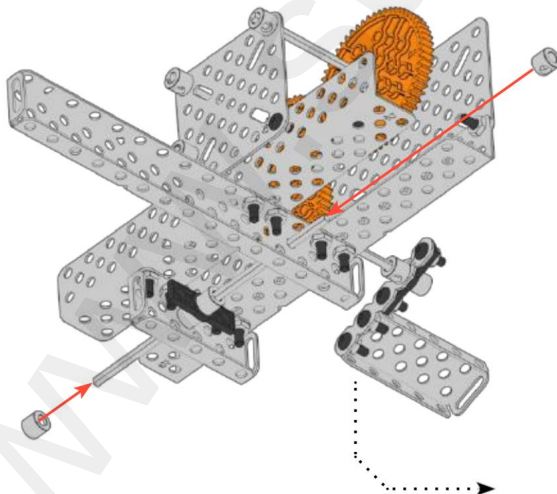


9

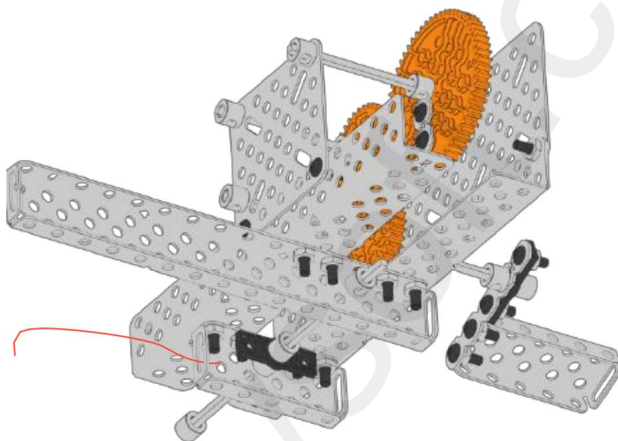
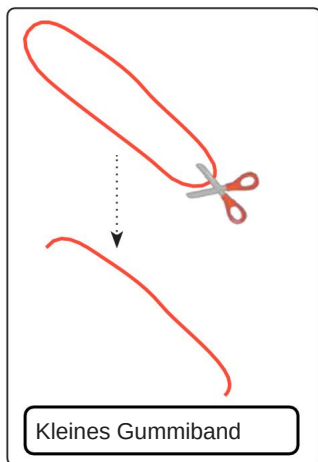


Abhilfe 1:1 5,5

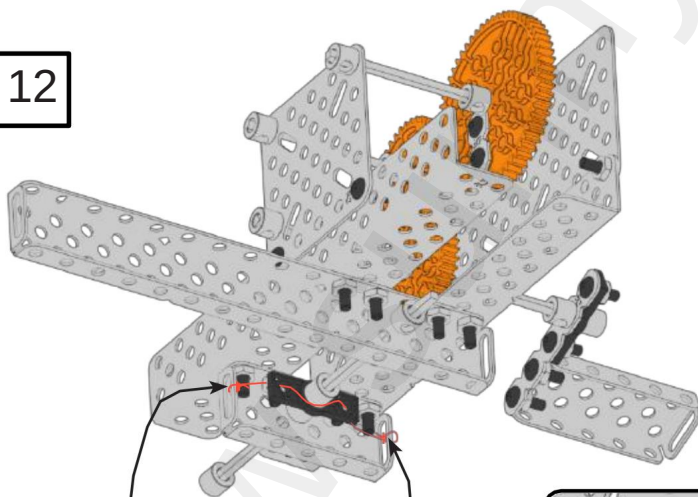
10



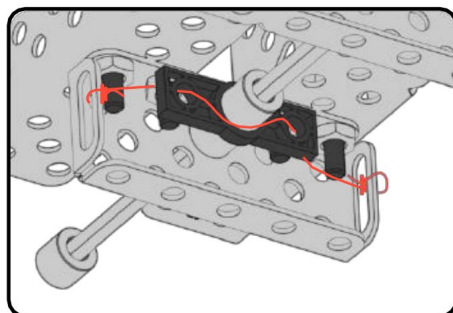
11



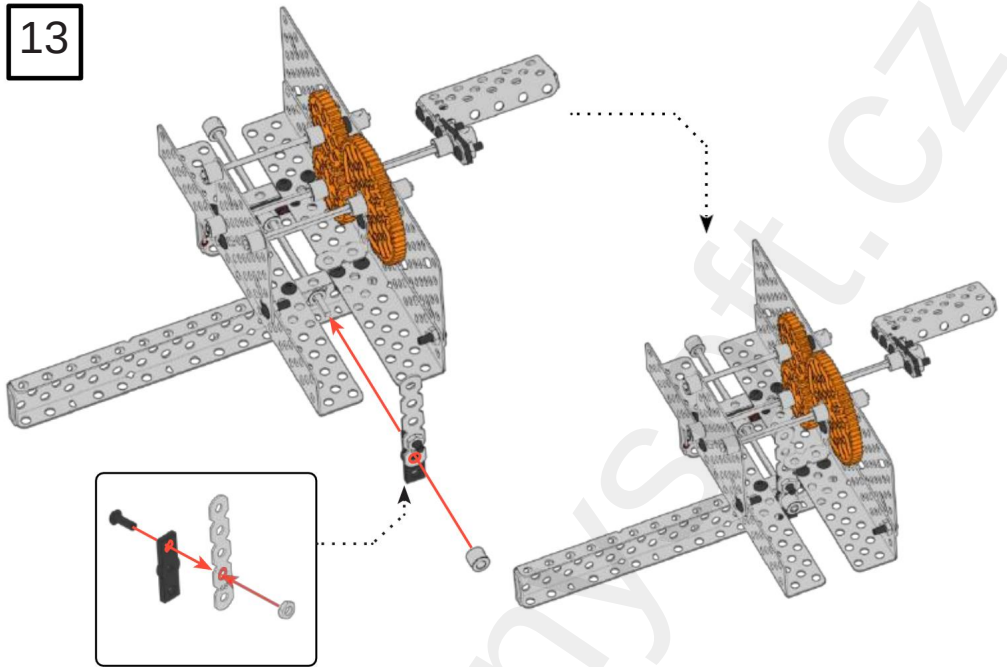
12



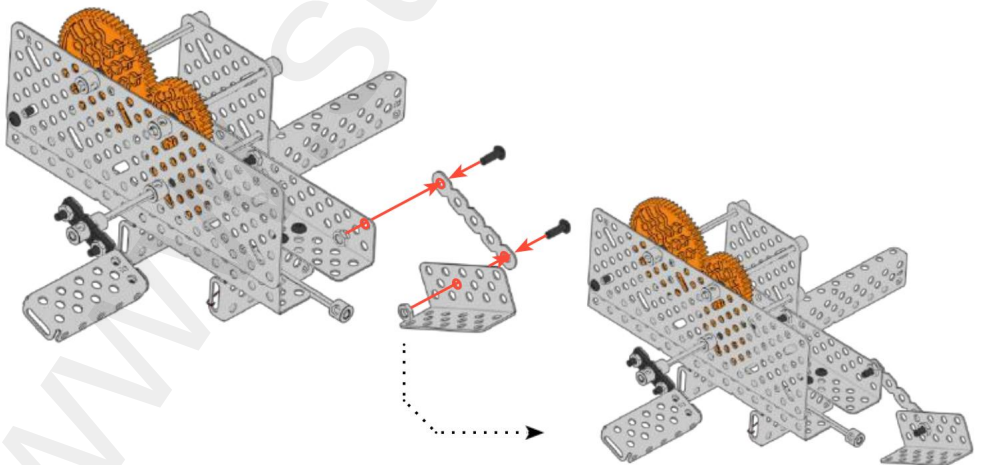
Machen Sie einen Knoten !

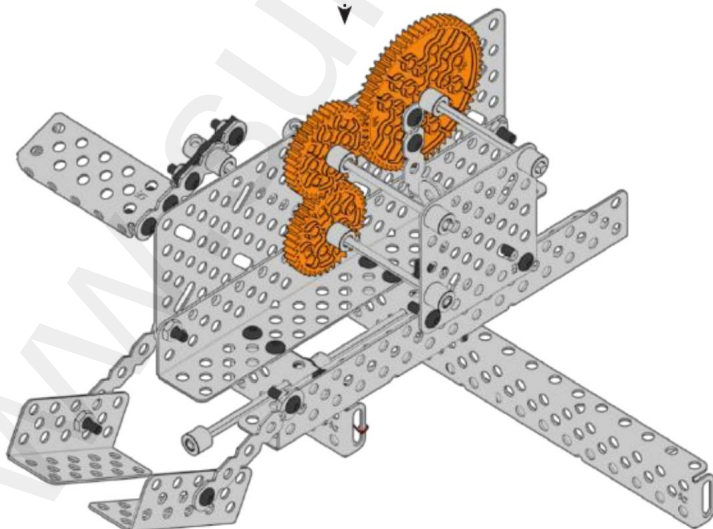
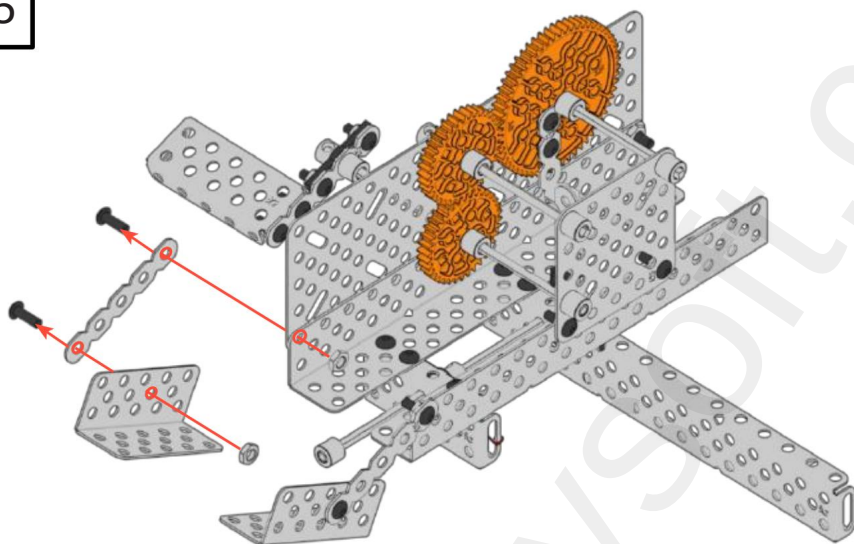


13



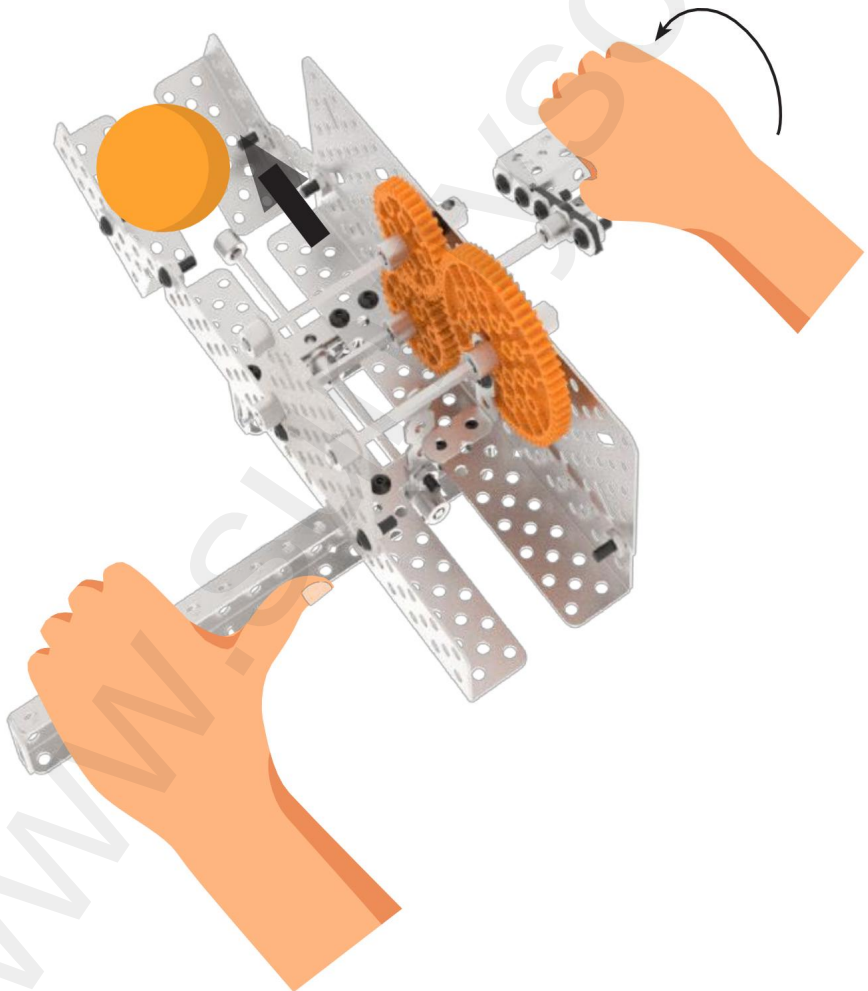
14





Spielanleitung

- Legen Sie den Ball in einen kleinen L-förmigen Behälter.
- Drehen Sie den Hebel/Griff. Die Achse wird den Ball treffen.



Haben Sie Probleme?

Unser technischer Support steht Ihnen zu diesen Zeiten zur Verfügung

- Montag bis Samstag: 9:00 bis 20:00 Uhr

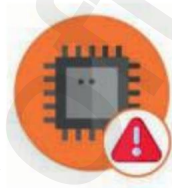
Sonntag und 3. Samstag: 9:00 bis 18:00 Uhr



Softwareprobleme



Usability-Probleme



Hardwareprobleme

Scannen Sie den QR-Code, um den Support zu kontaktieren.



support@avishkaar.cc
+91-8506931515

Lieferant/Händler Sunnysoft

sro
Kovanecká 2390/1a 190
00 Prag 9

Tschechische
Republik www.sunnysoft.cz

avishkaar

69/2A, Najafgarh Road, Industriegebiet
Area, Neu-Delhi 110015

+91 - 8506931515 support@avishkaar.cc www.avishkaar.cc



@AvishkaarEdu

Robotics Series

User Manual

ROBOTICS EXPLORER

Kezdje utazását a robotika felé!



Hozza ki a legtöbbet készletéből

Innováció



Az új ötlet kiakasztása

Tedd le az Innovátor Esküt a 6. oldalon, és értsd meg, mit jelent új ötletnek lenni.



Tanulja meg a kézikönyv használatát

Kövesse a kézikönyvben található részletes utasításokat, és **tanulja meg, hogyan** építhet érdekes robotokat a készlettel.



Építsen, kódoljon és kezeljen

Építsen innovatív projekteket a készlettel, és irányítsa robotokat az Avishkaar távirányítással, és kódoljon az Avishkaar Maker Studio alkalmazással.

Részesedés

Győzelem



Csatlakozz a Let's Avishkaarhoz

Csatlakozz közösségünkhöz FB-n – lépj kapcsolatba az új tókkal, és szerezd be a legfrissebb információkat a webinariumokról.



Projektek feltöltése

Töltsön fel projekteket a www.avishkaar.cc webhelyre, és ossza meg őket alkotókkal szerte a világon.



Nemzetközi versenyek

Vegyen részt heti, havi és éves versenyeken, és szerezzen hírnevet szerte a világon.



Az újító esküje

Fogadja el az alábbi Innovator Pledge-et, és kötelezze el magát az innováció és a megoldások egész életén át tartó törekvése mellett problémáikat. Ossza meg a fotót a Let's Avishkaar FB közösségben

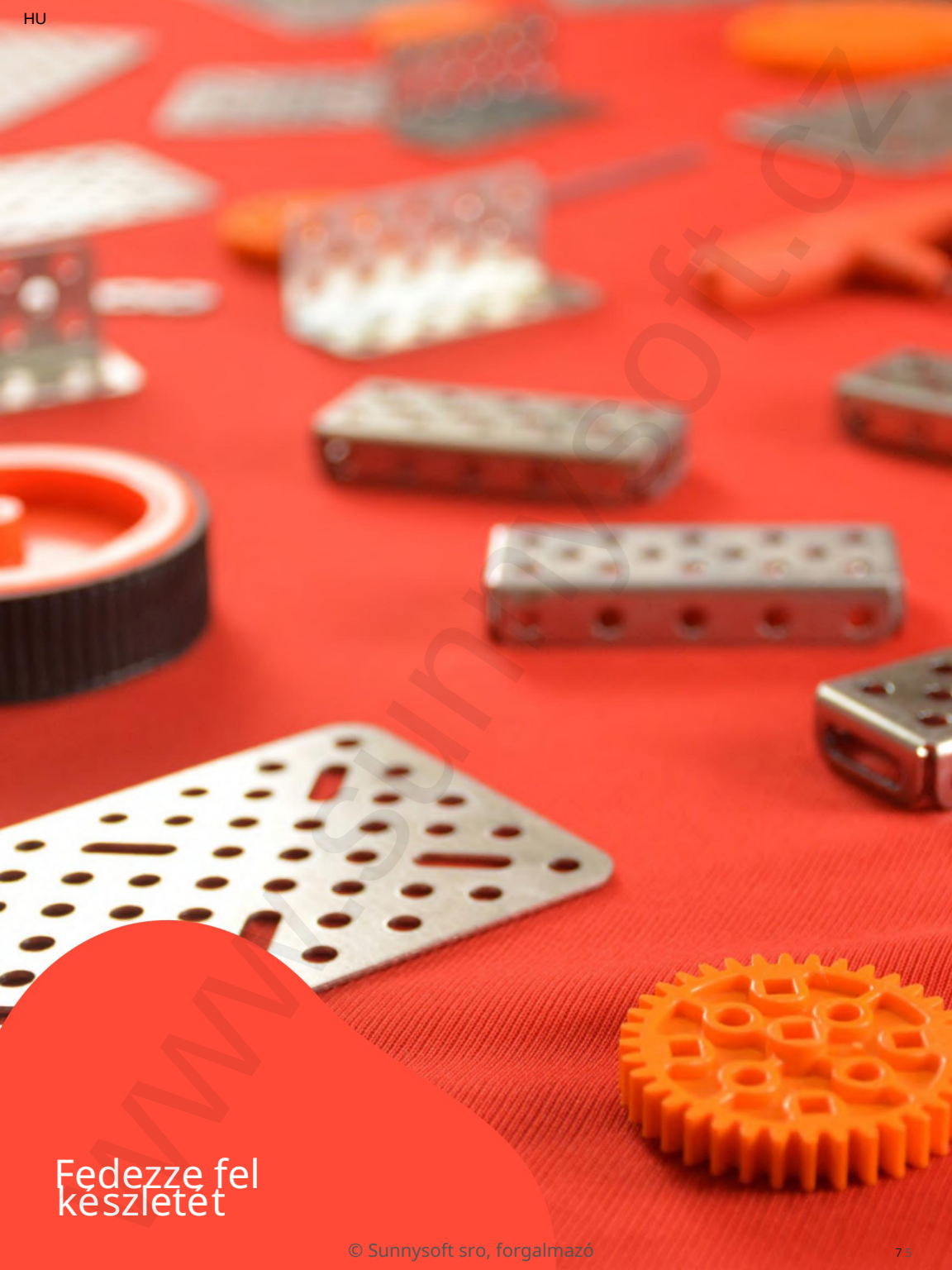
Ünnepélyesen eskü szövege, hogy ha egyszer elindultam az innováció útján, addig nem adom fel, amíg az innovációm, projektjem be nem fejeződik. Csiszolni fogom tudásomat és eszközeimet, és jól fogom használni. Az innováció és én elválaszthatatlanok leszünk.

Mindig megosztom újításaimat más újítókkal, és tanulok tőlük.

I (írja a nevét)

*I solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

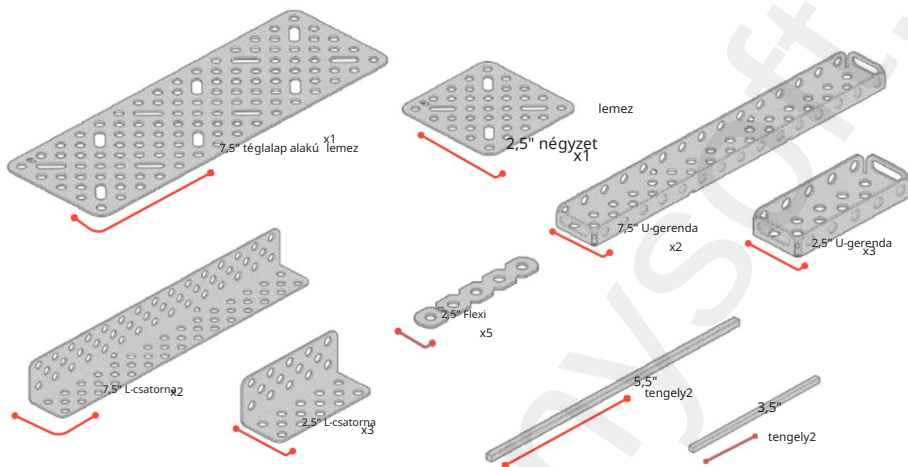
aláírás



Fedezze fel
készletet

Felszerelés ellenőrzése

Fém alkatrészek



kerek és fogaskerek



Eszközök





Töltelék x11



Tengelyzárok x16

12 mm-es csavar
x31

Anyá x31

Nagy gumisalagok
x2

Kis gumisalagok x2

Építési alapok

Ismerjük meg az építkezés néhány alapját

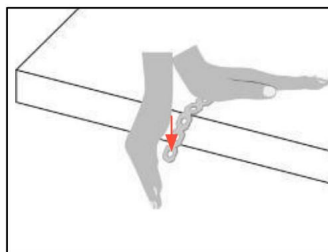
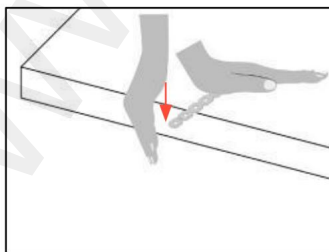
Meghúzó csavarok



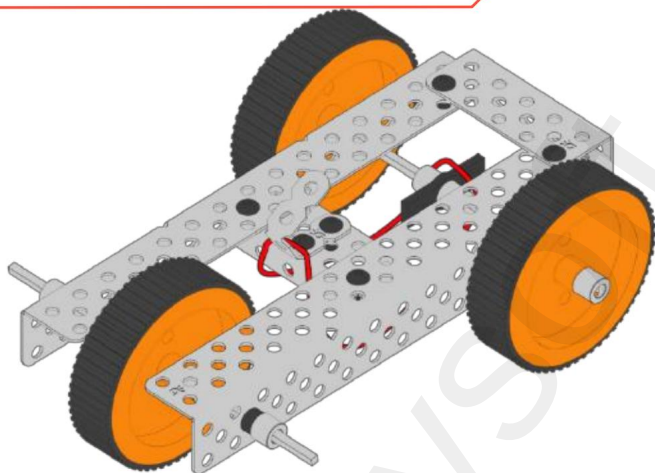
A tengelyrögzítő és meghúzó zása

Húzza meg
(az óramutató járásával
meg egyező irányba forgatni)Lazítsa meg
(forgatja az óramutató
járásával ellentétes irányba)Húzza meg
(az óramutató járásával
meg egyező irányba forgatni)Lazítsa meg
(forgatja az óramutató
járásával ellentétes irányba)

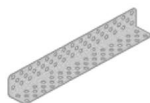
Flexi hajlítás



1. projekt: Autó



Mire lesz szű ksége?



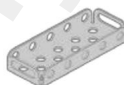
7,5"
L csatorna
x2



2,5"
L x 1
csatorna



2,5"
Kis Flexi x1



2,5"
U-gerenda x1



5,5" tengely x2



tömések
x4



Tengelyzár x8



3 lyukú
csatlakozók x1



Kis kerék x3



Nagy gumiszalag 1x

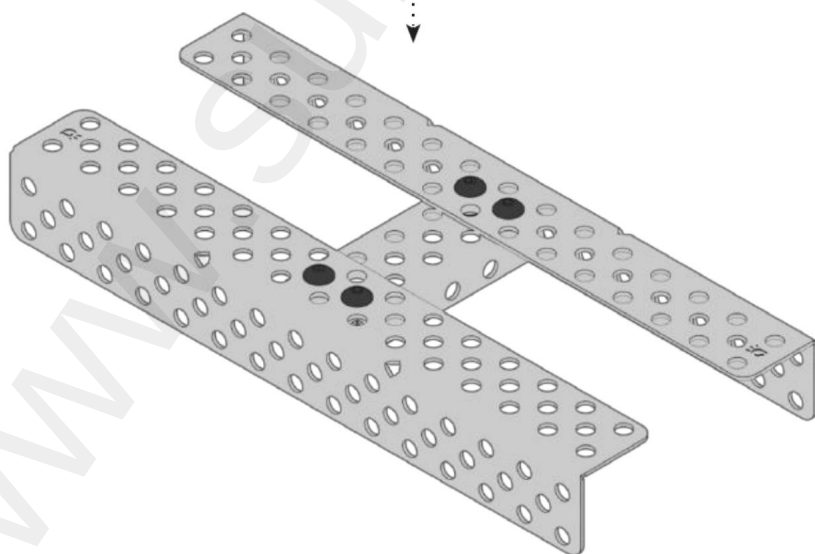
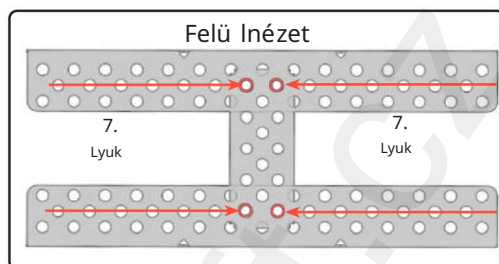
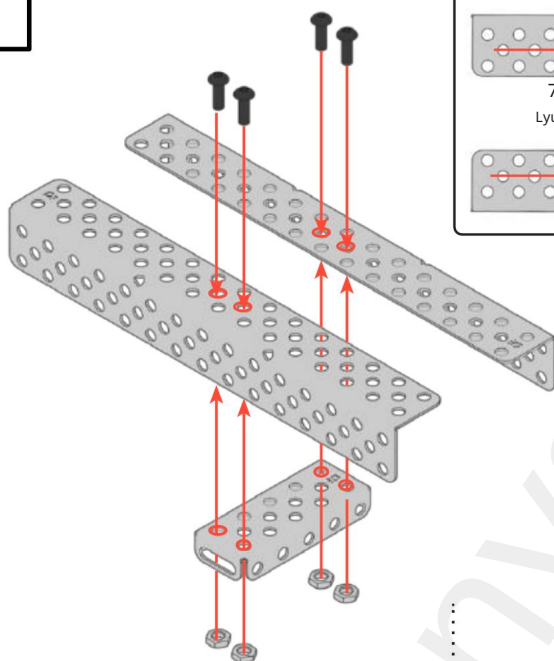


12 mm-es csavarok
x8

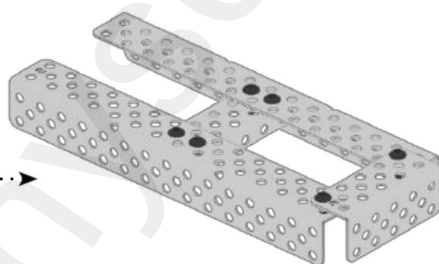
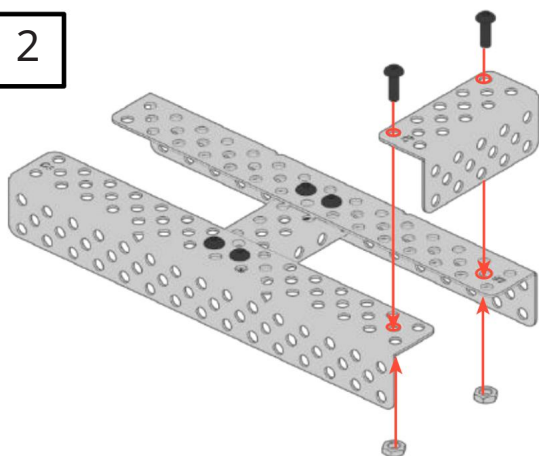


mátrix x8

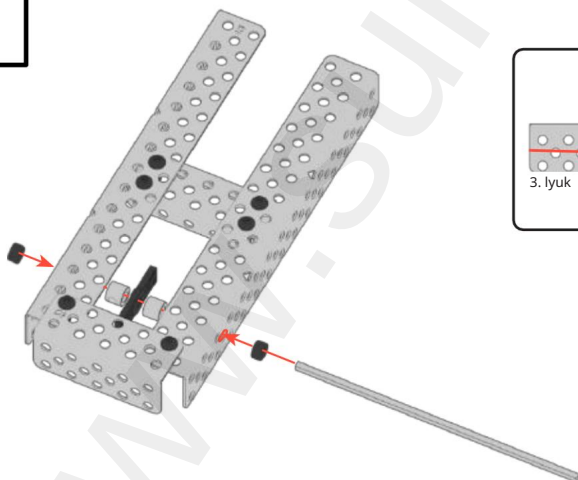
1



2



3

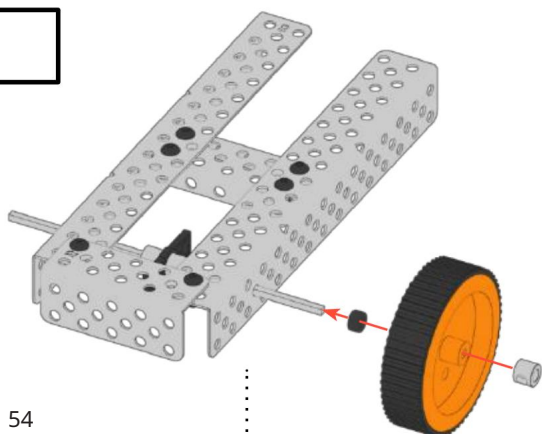


Oldalnézet

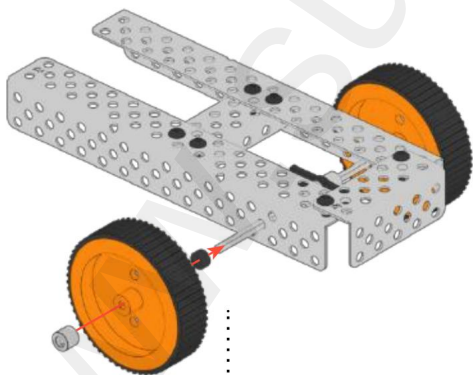
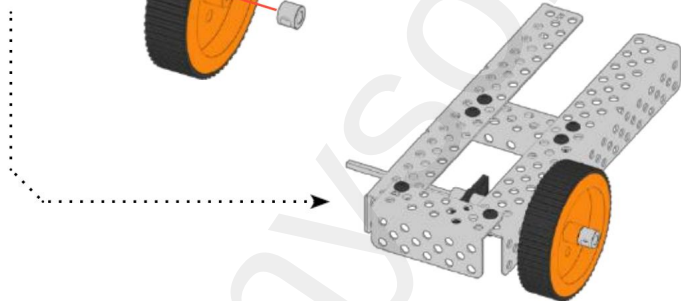


3. lyuk

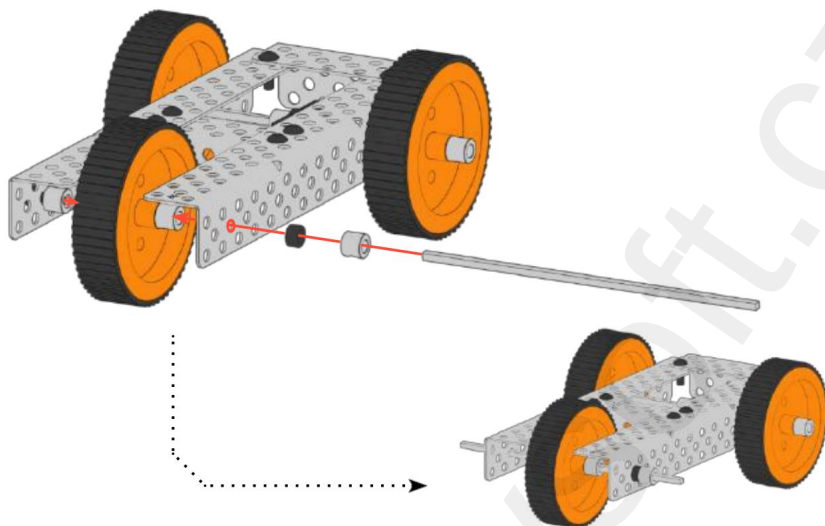
[1:1] jogorvoslat 5.5



54

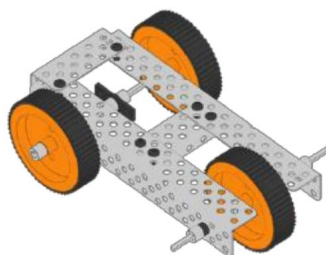
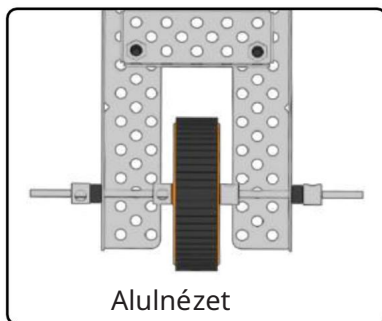
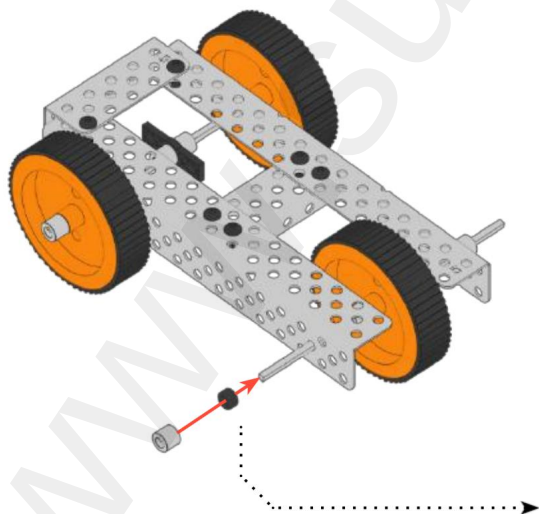


6

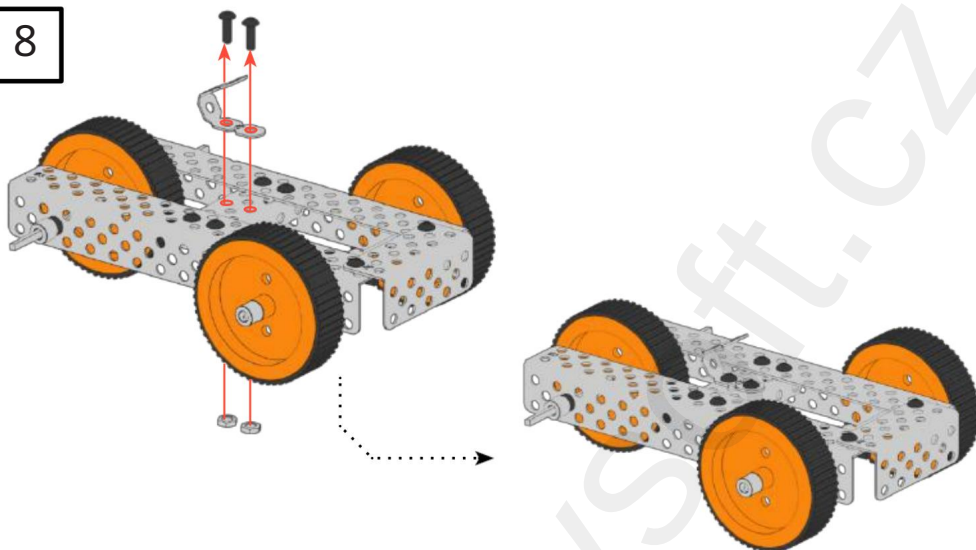


1:1 jogorvoslat 5.5

7



8

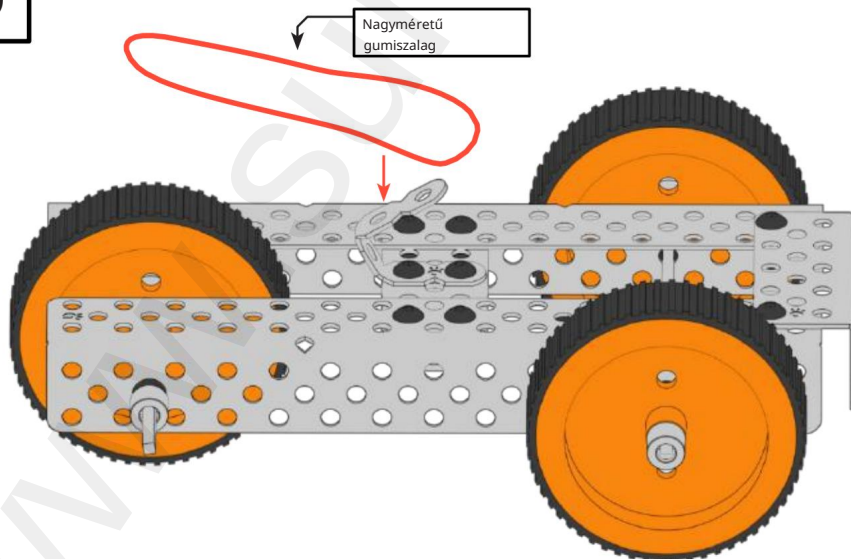


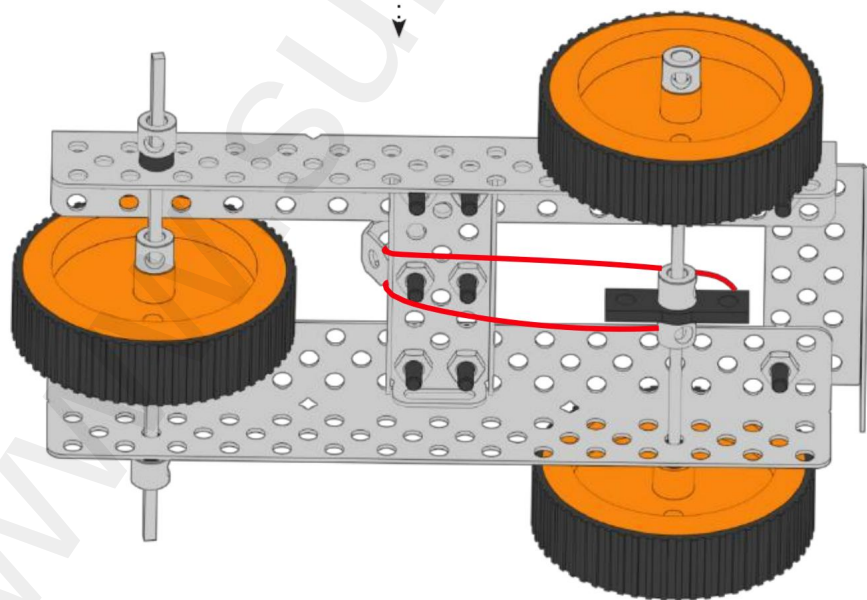
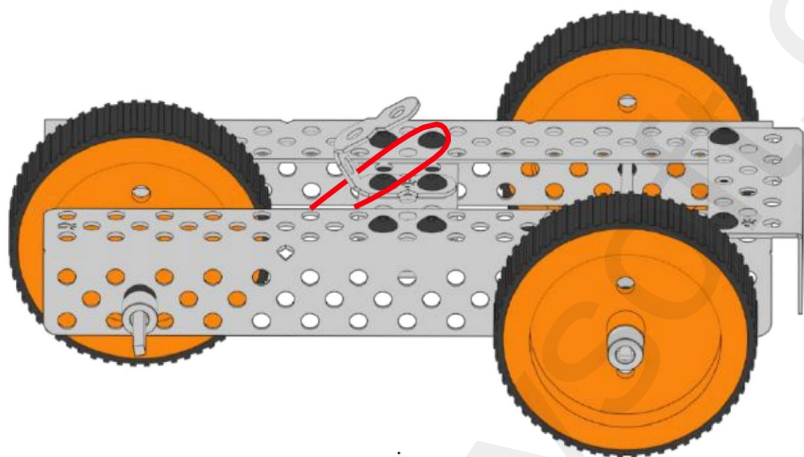
Összeszerelési tipp

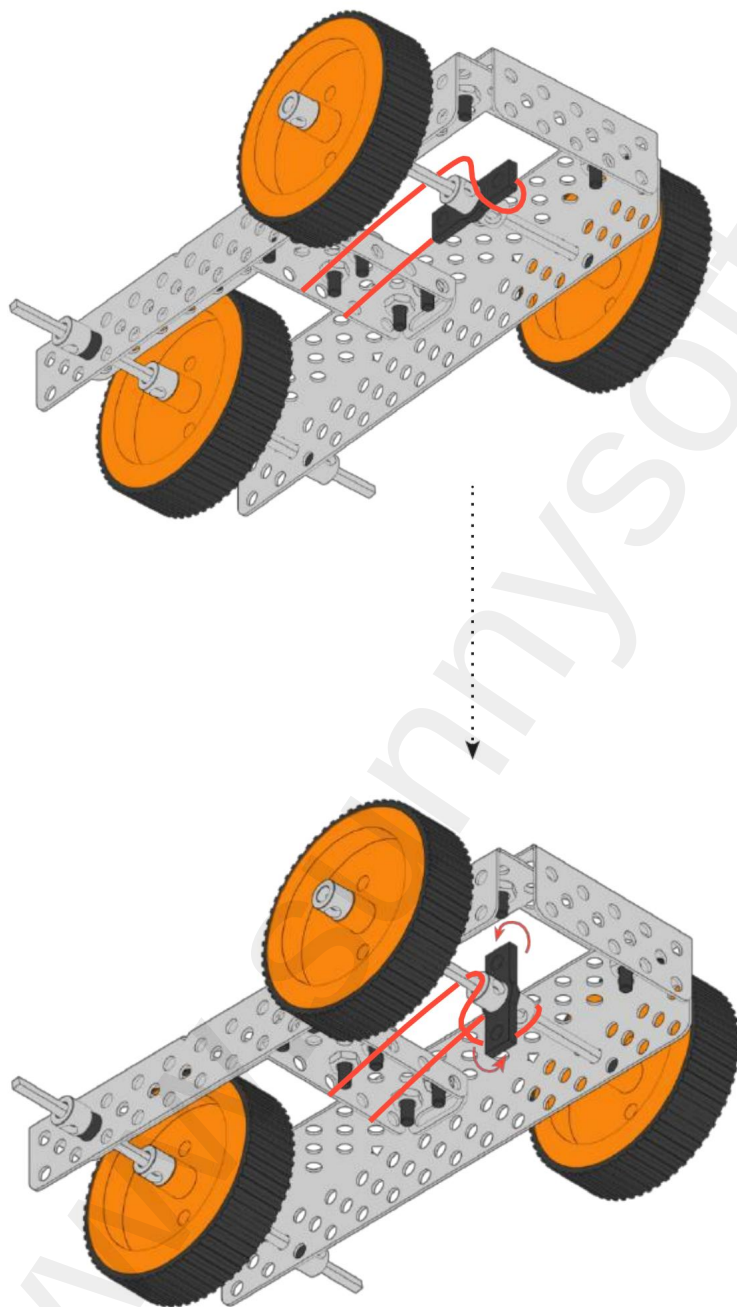
A rugalmas hajlí tással kapcsolatos információért lásd a fenti utasi táásokat.



9

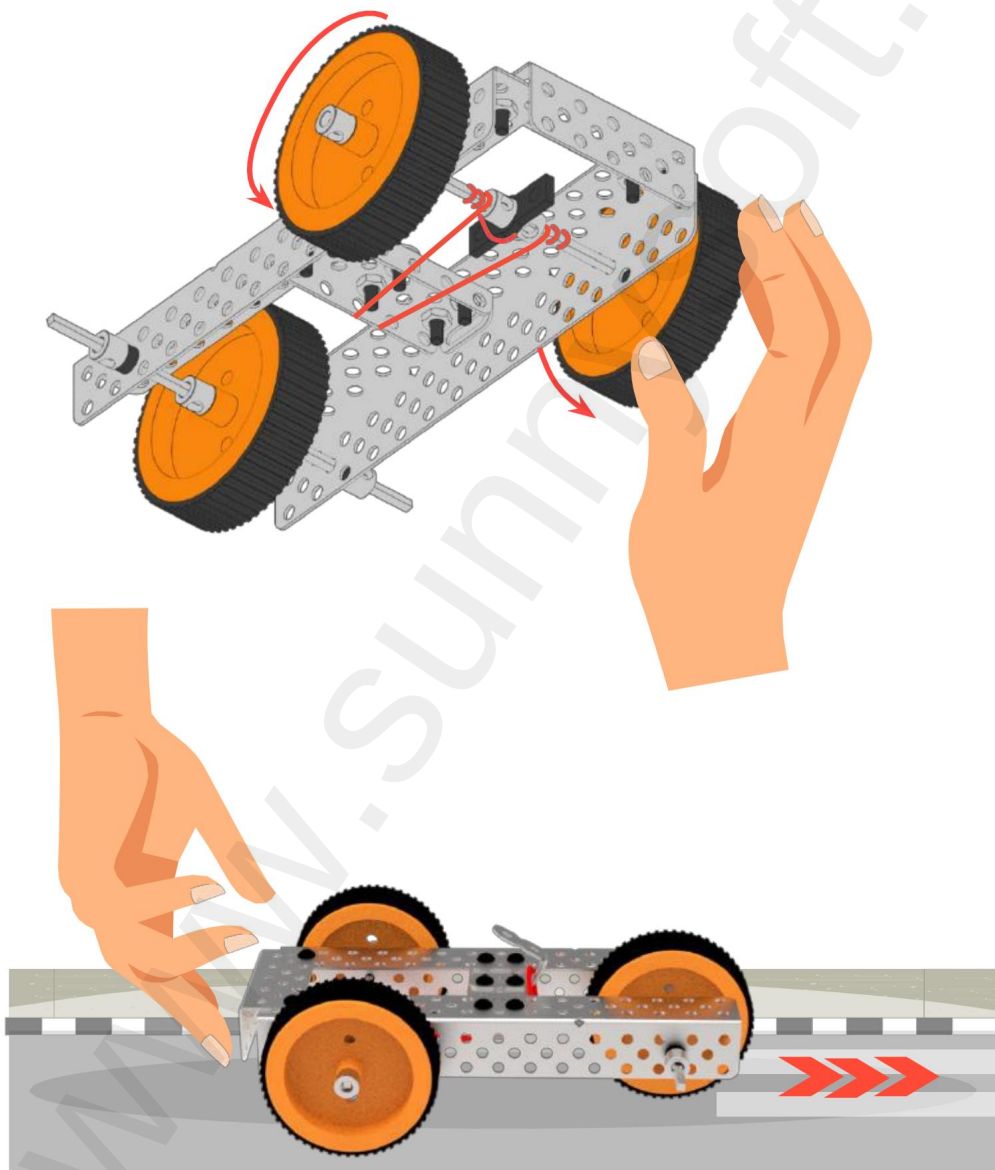




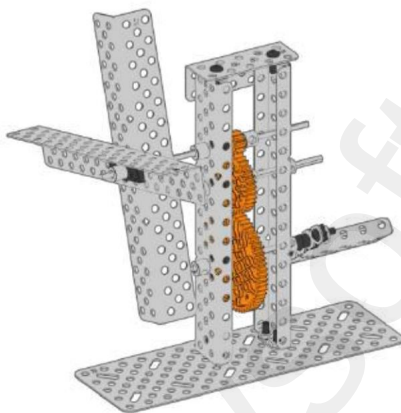


Hogyan kell játszani egy autóval

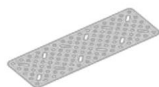
- A kerekek segítségével tekerje fel a gumisíjat a hátsó tengelyre.
- Forgassa el a kereket az óramutató járásával ellentétes irányba.
- Fogja meg a gumiszalagot és a tengelyt, és helyezze az alvázat a talajra.



2. projekt: Fan



Mire lesz szüksége?



7,5"
Négyzetlemez
x1



7,5"
L csatorna
x2



7,5"
U-gerenda
x2



2,5"
L csatorna
x1



2,5"
Kis Flexi
x1



2,5"
U-gerenda
x1



tömések
x11



Tengelyzár
x10



Csatlakozók a
3 lyuk x2



5,5"
tengely x1



3,5"
jávítás
x2



Nagy
homlokkerekes fogaskerék
bicikli x1



Középső frontális
fogaskerék
x1



Kis
homlokkerekes fogaskerék
x1

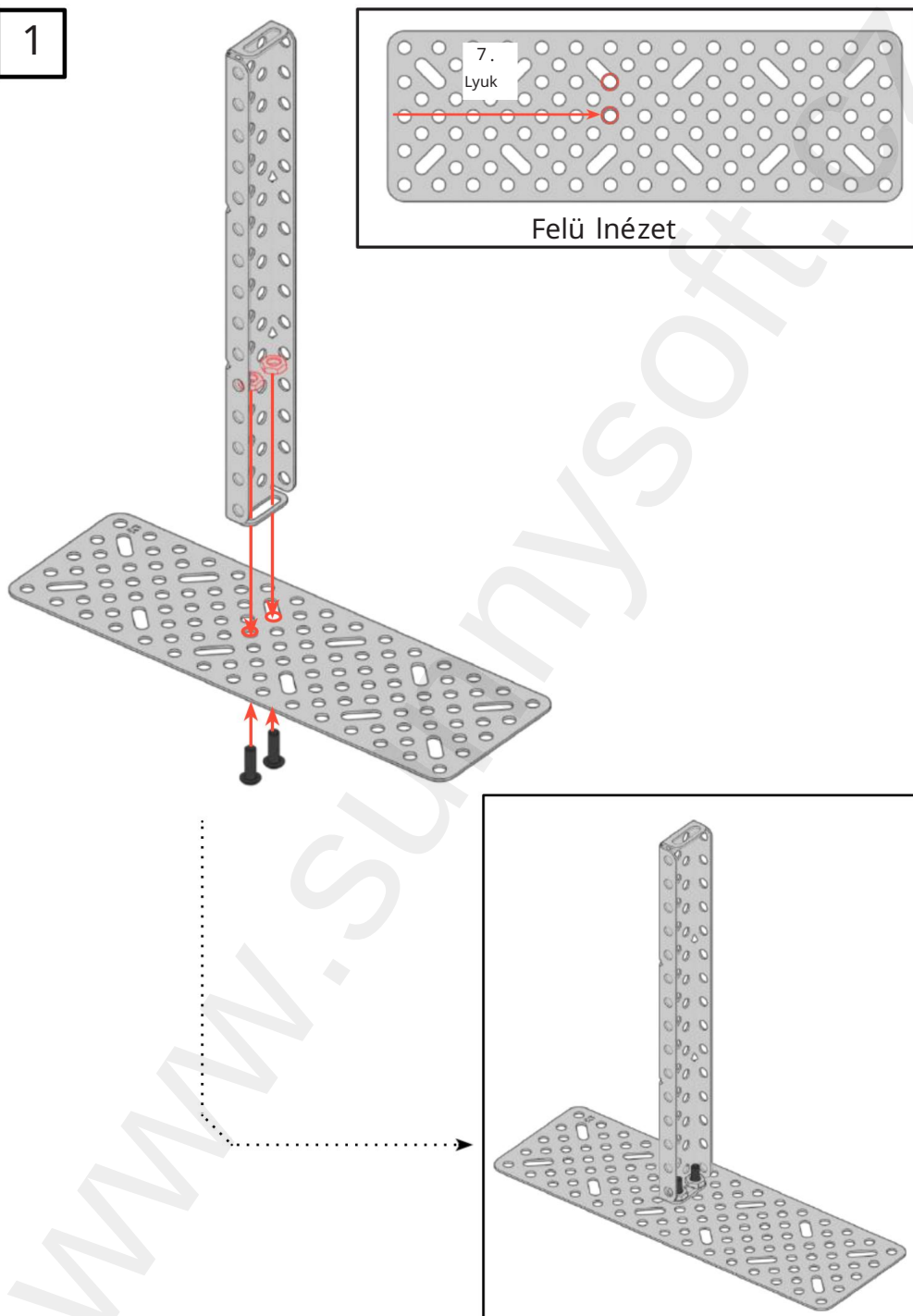


12 mm-es csavarok
x14

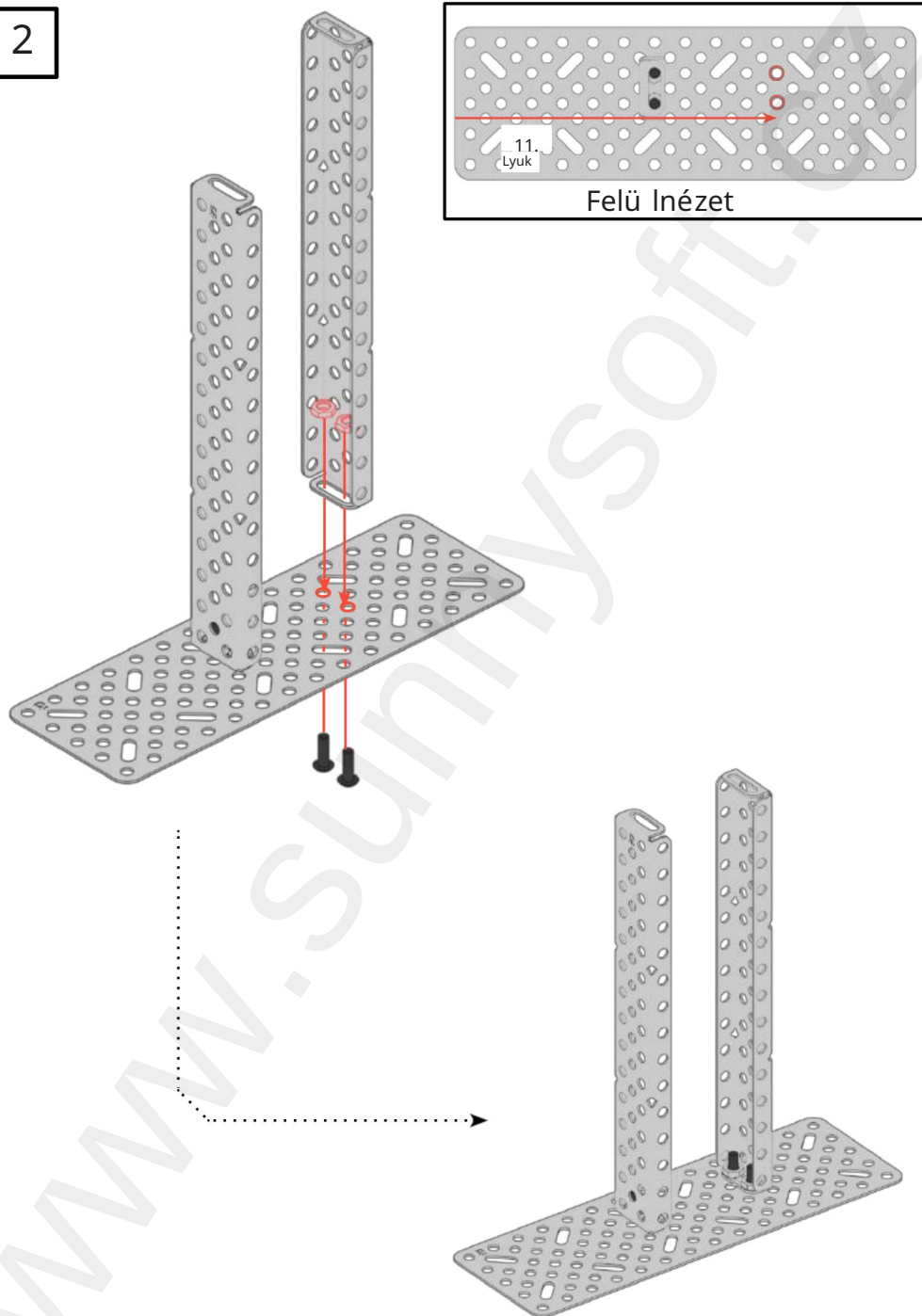


dió
x14

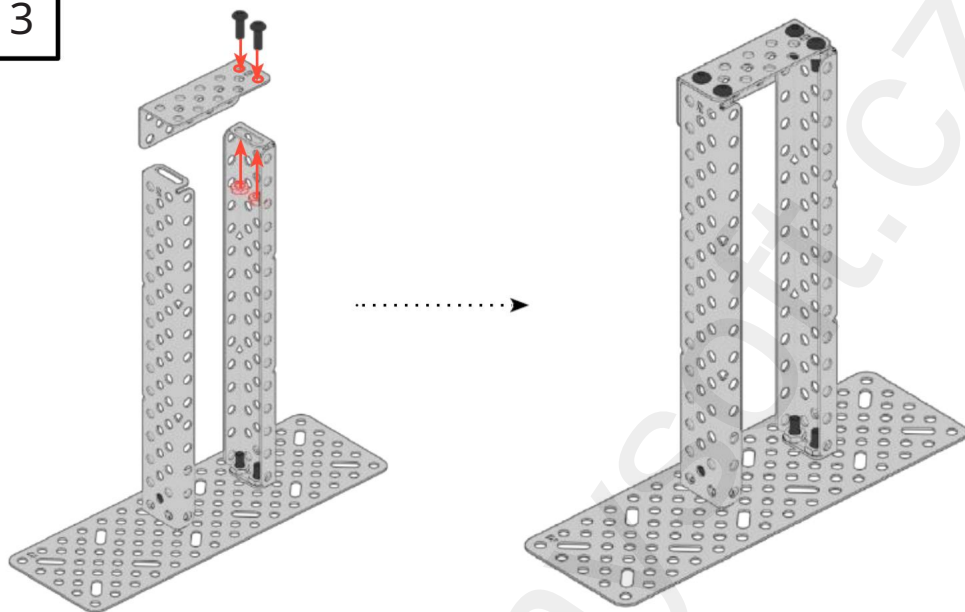
1



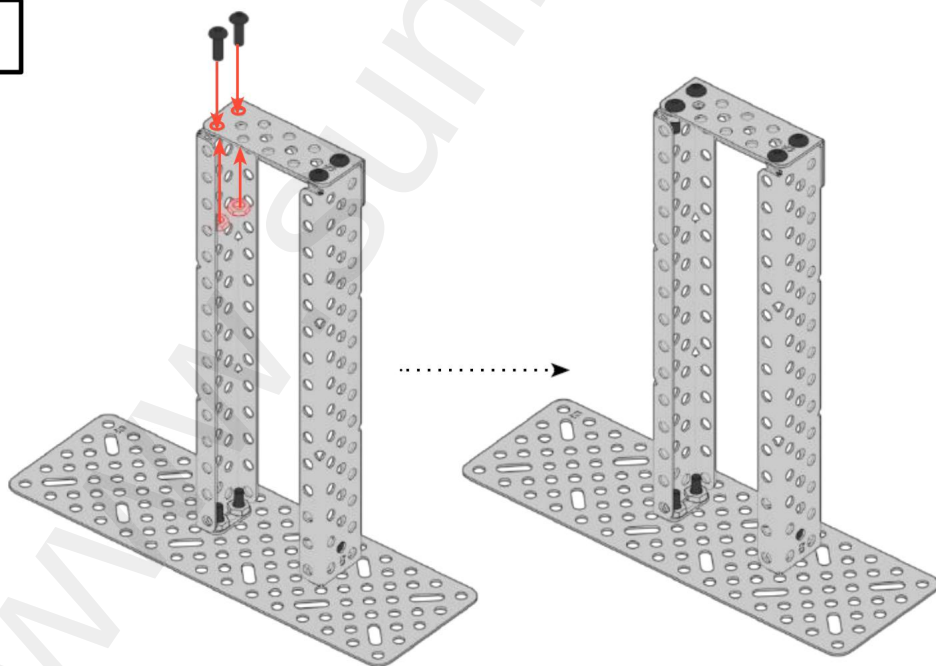
2



3

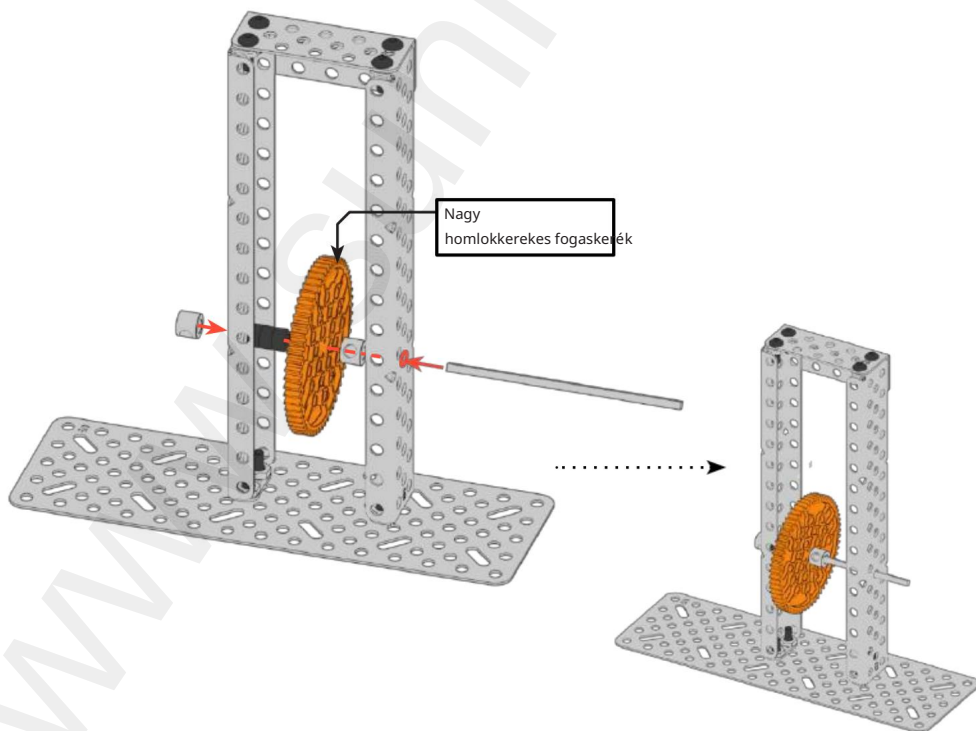
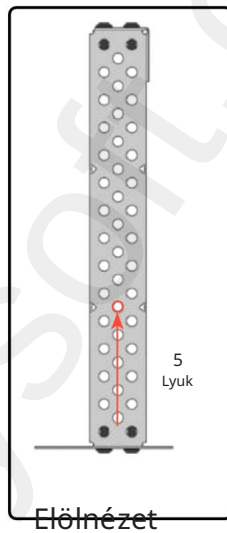
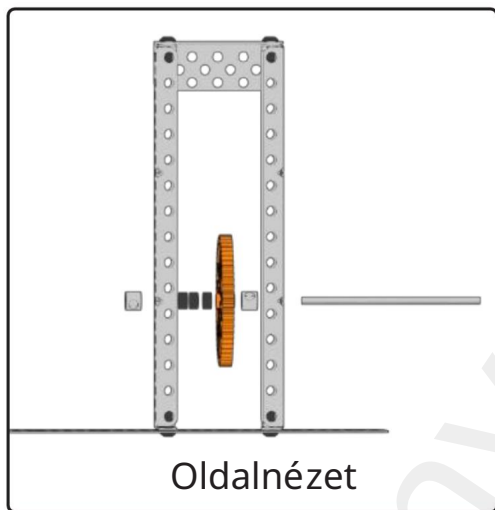


4

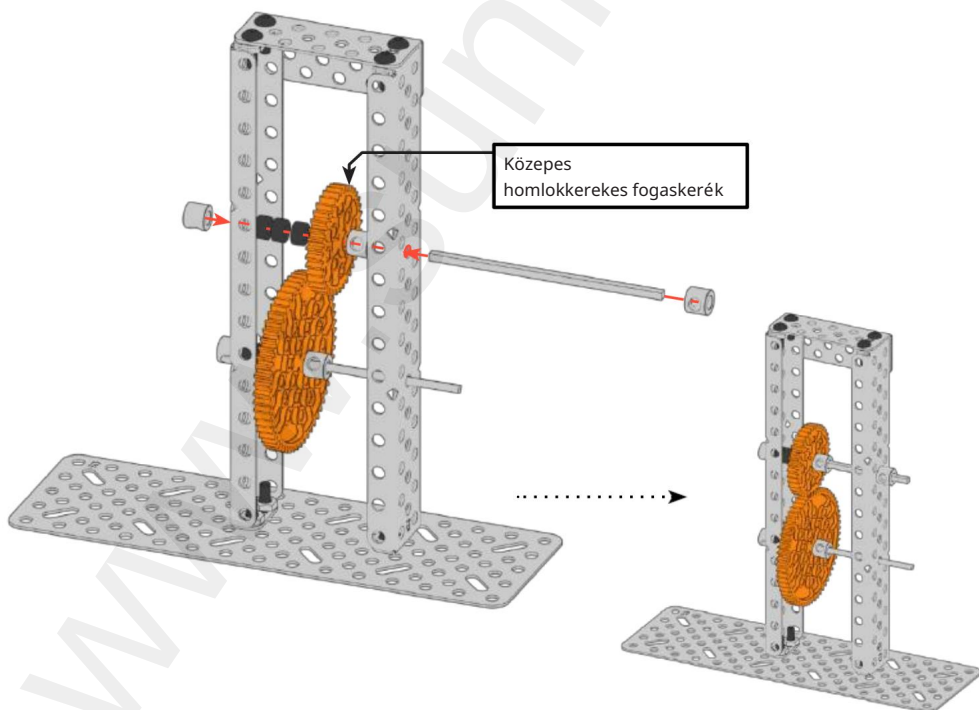
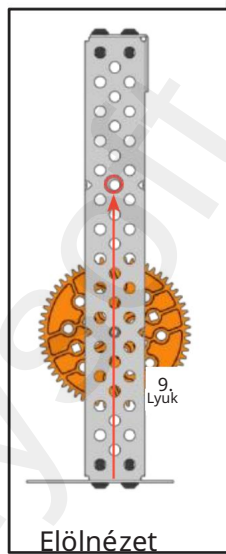
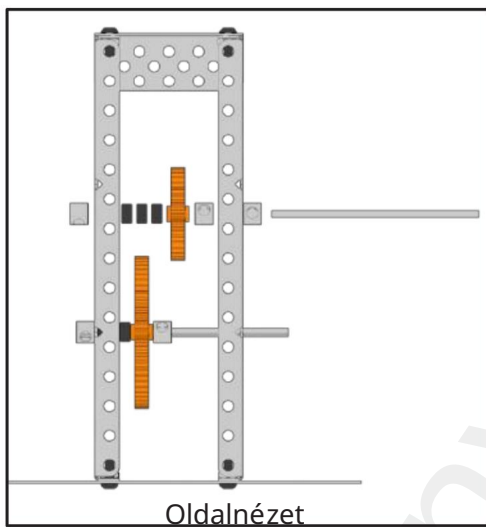


5

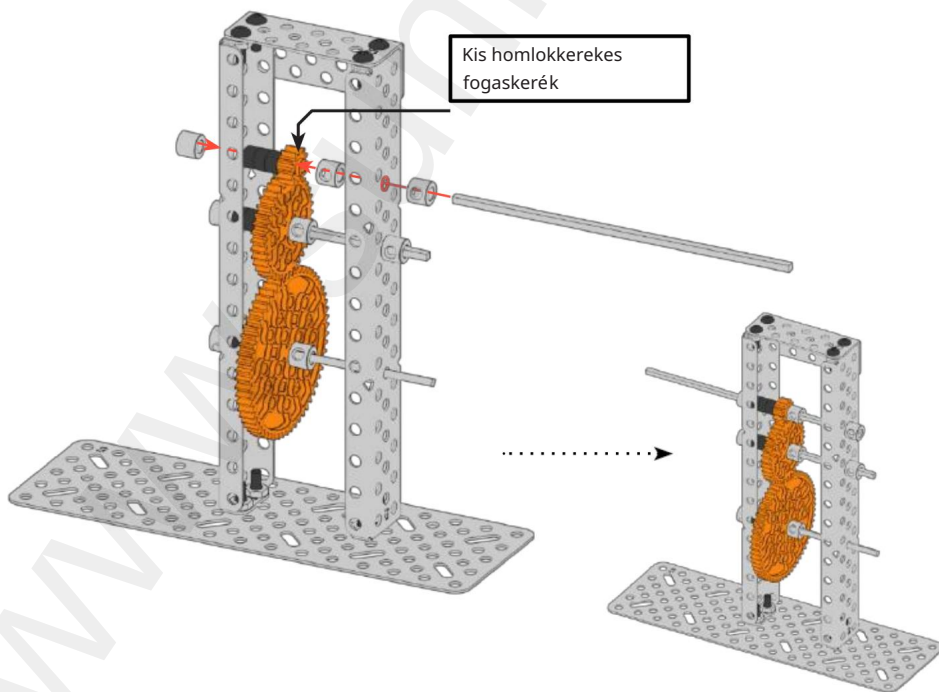
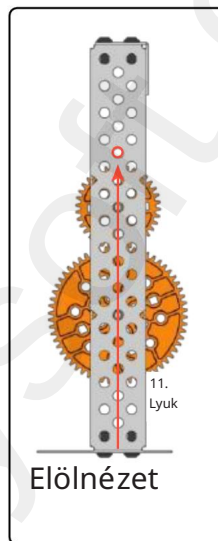
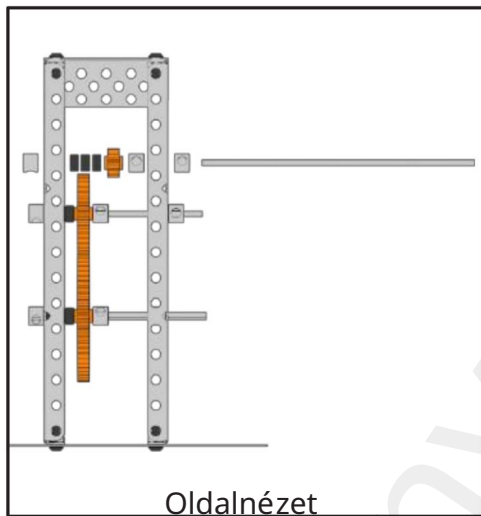
1:1 jogorvoslat 3.5



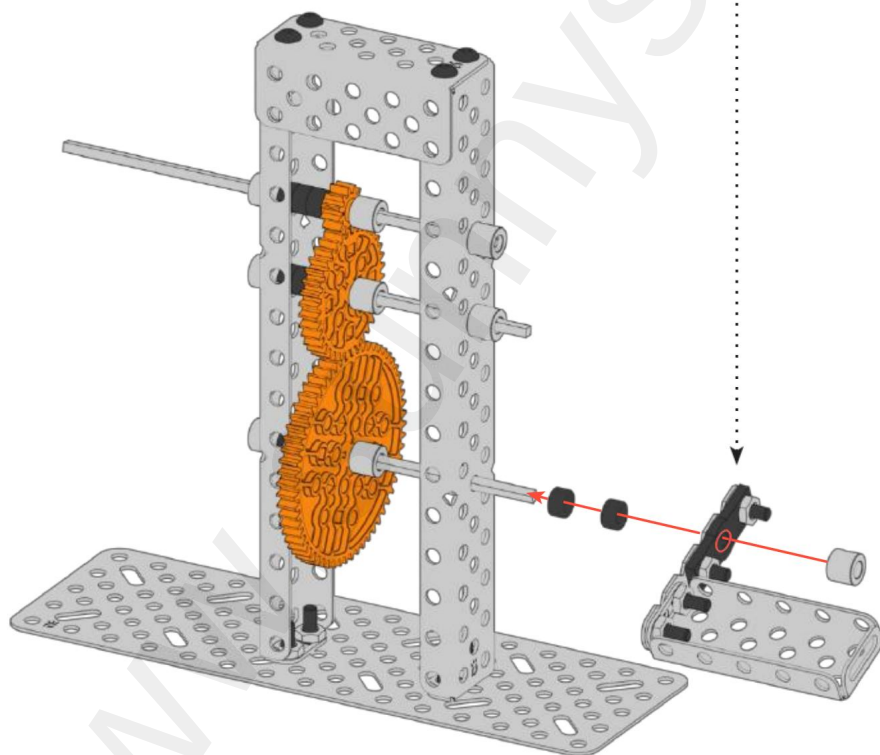
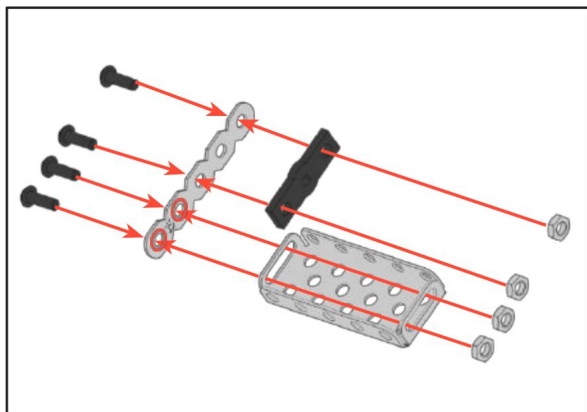
Gyógyszer 1:1 3.5



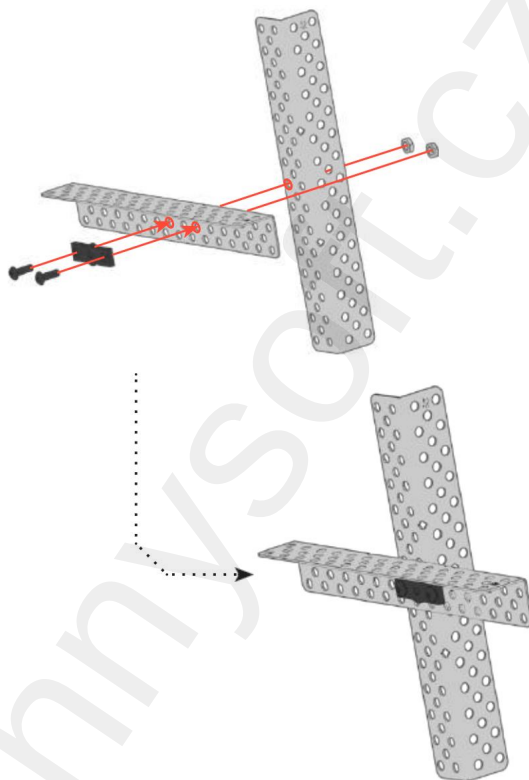
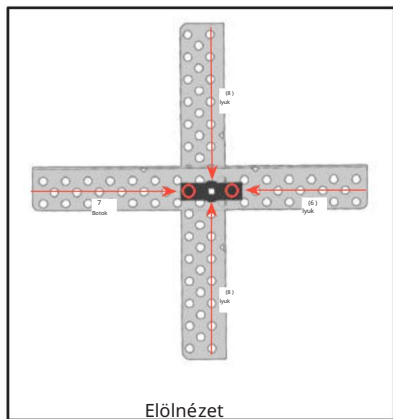
7



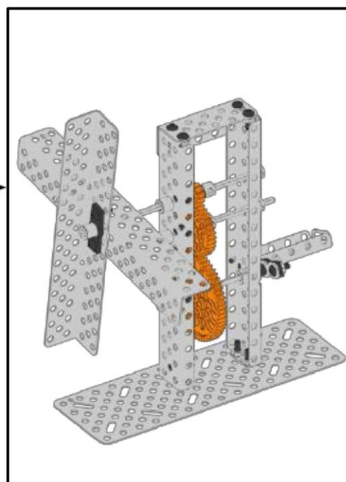
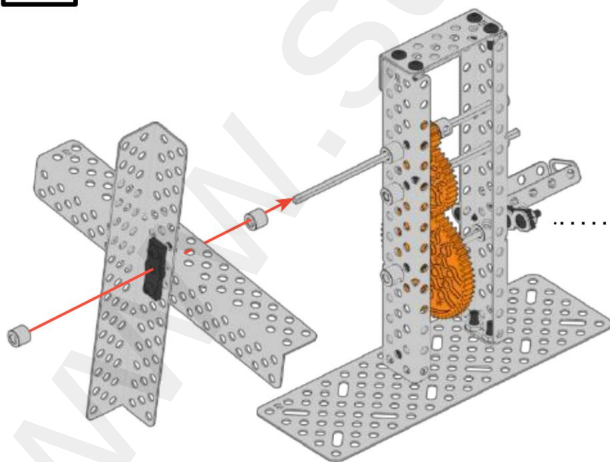
8



9

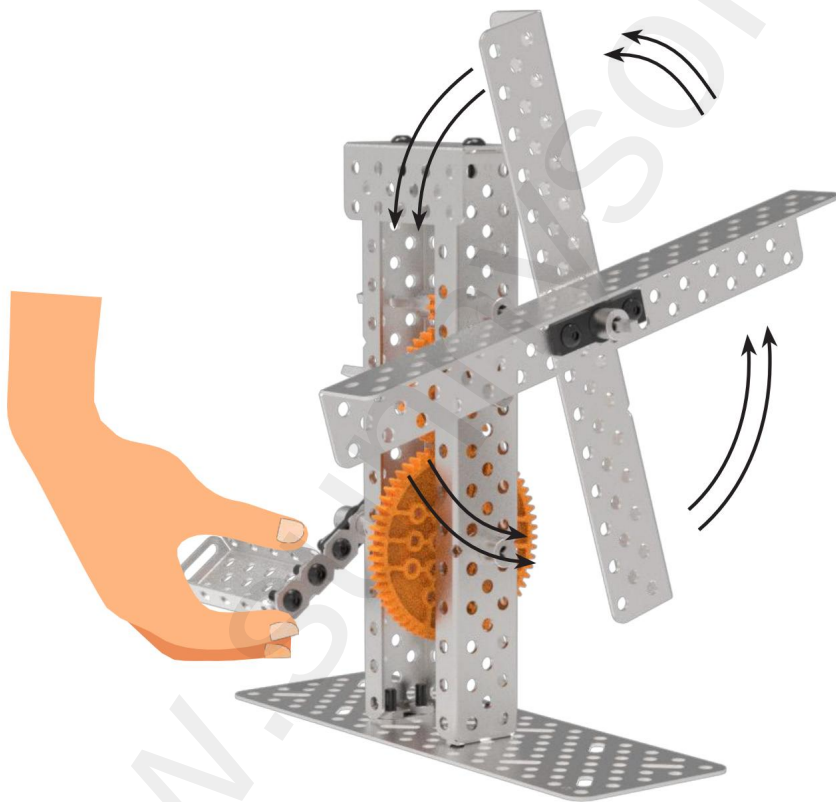


10

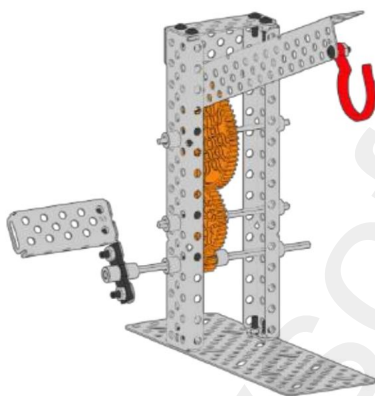


Hogyan játsz egy rajongóval

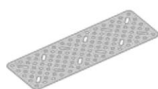
- A ventilátor elforgatásához használja a kart/fogantyú t.



3. projekt: Daru



Mire lesz szüksége?



7,5"
Téglalap alakú lemez
x1



7,5"
L-csatorna x1



7,5"
U-gerenda x2



2,5"
L-csatorna x1



2,5"
Kis Flexi x1



2,5"
U-gerenda x1



5,5" tengely x1



3,5"
tengely
x2



3 lyukú
csatlakozók x1



Nagy
homlokfogaskerék x1



Középső
homlokfogaskerék
x1



Kis
homlokfogaskerék x1



Tengelyzár
x11



tömések
x9



Dió x15

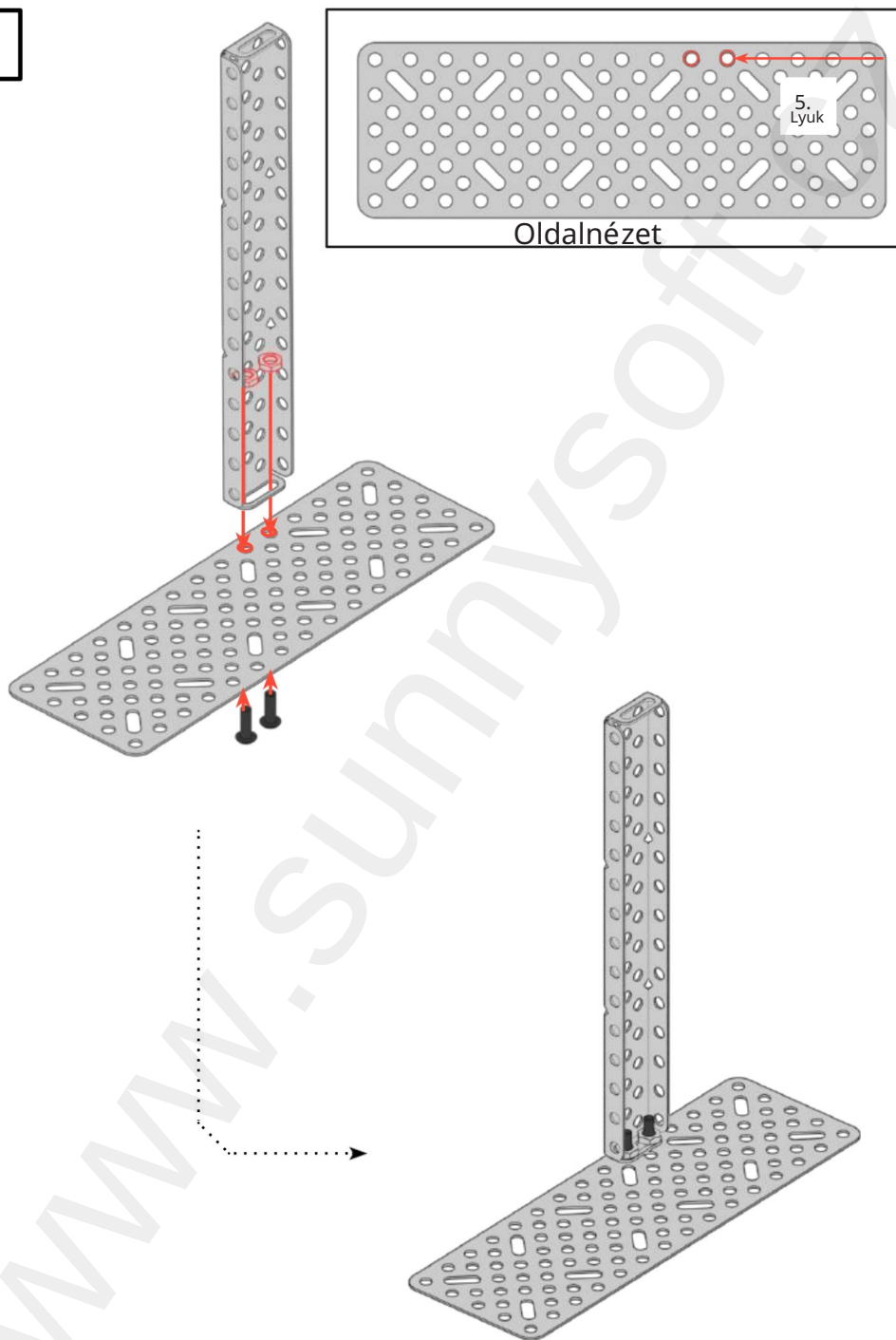


12 mm-es csavarok
x15

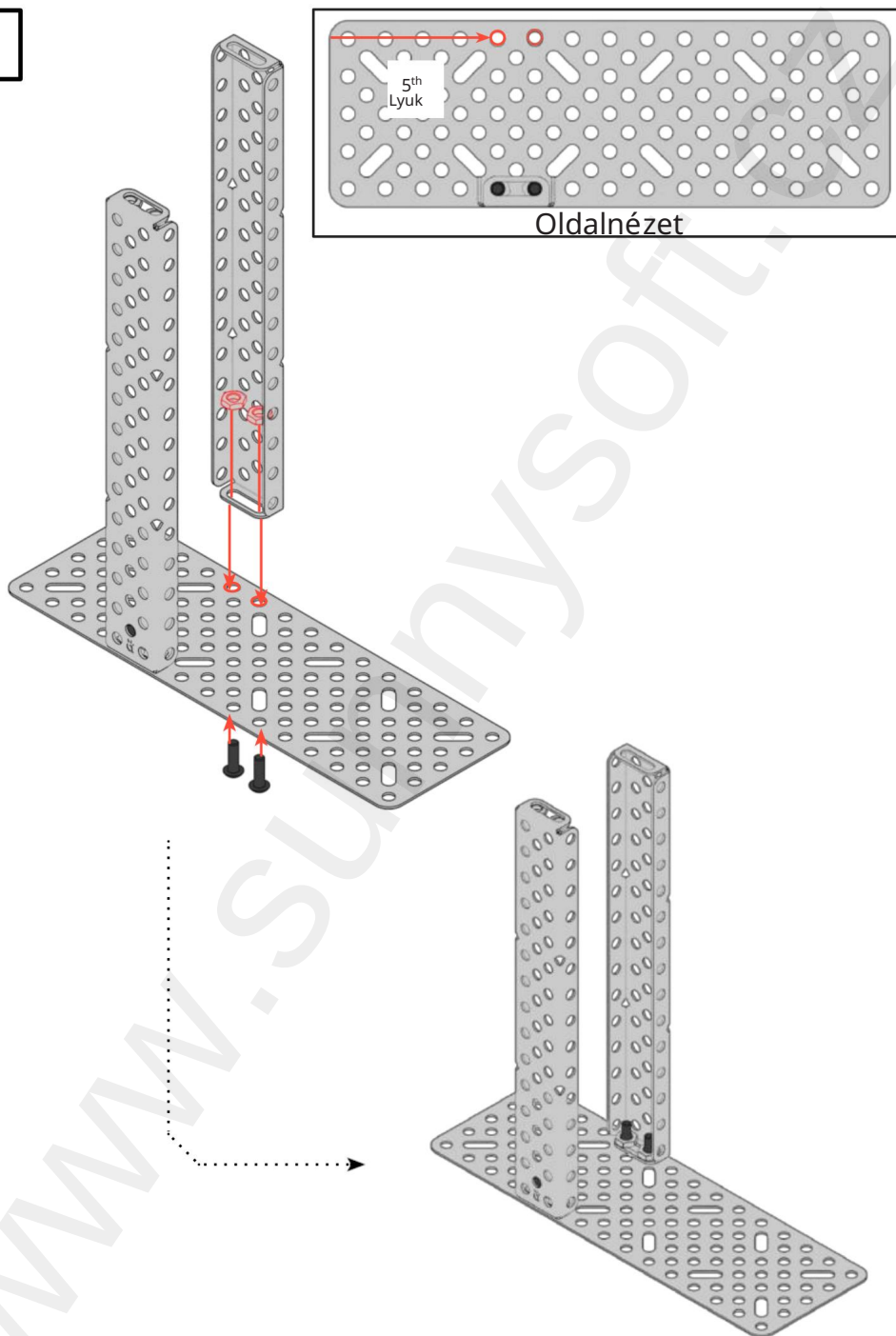


Mű anyag horog x1

1

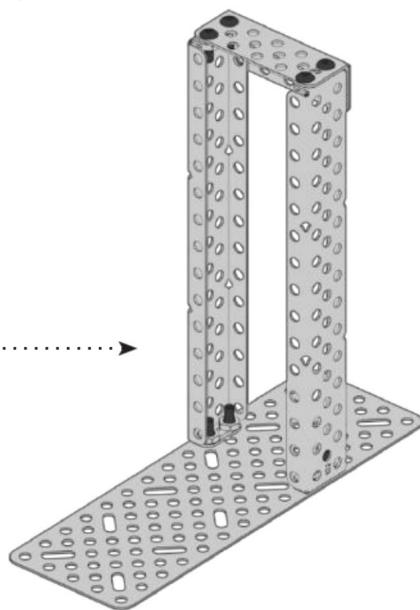
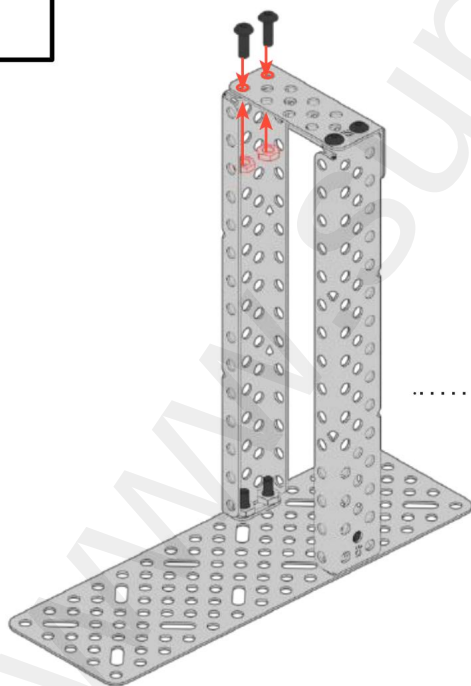
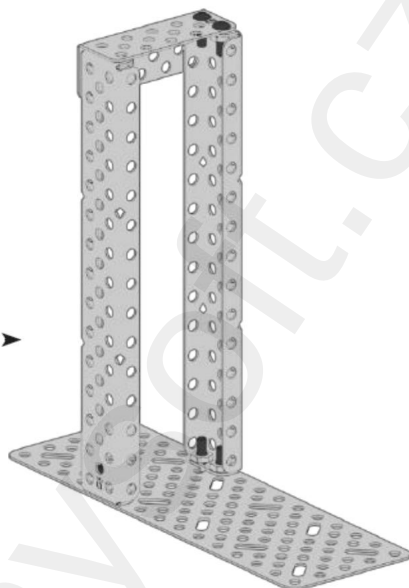
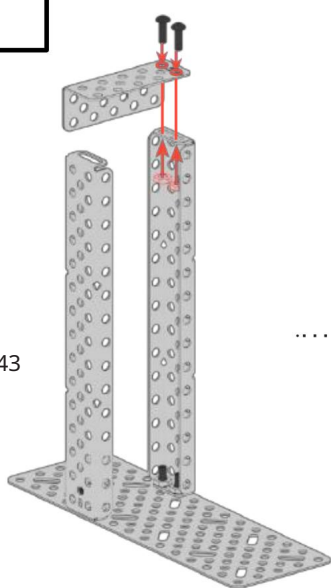


2

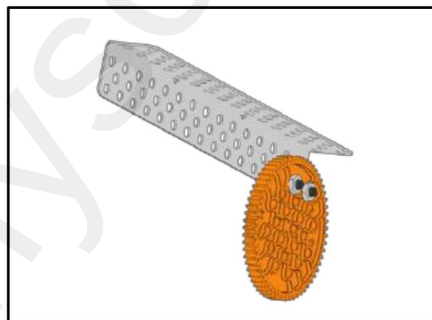
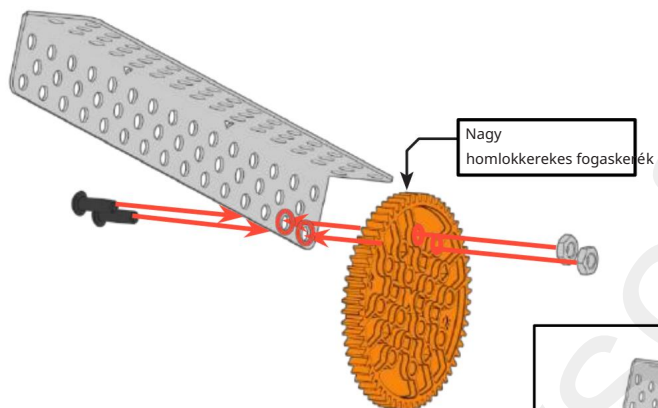




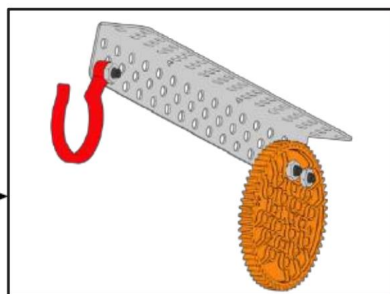
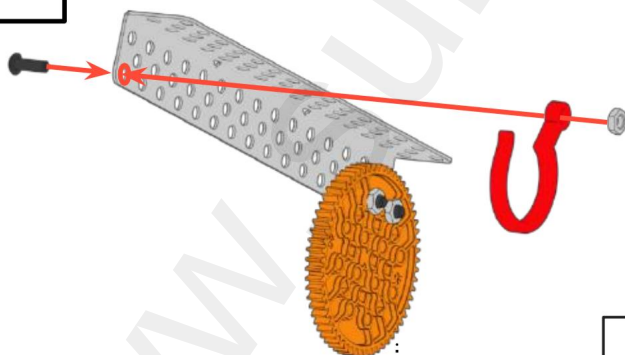
43

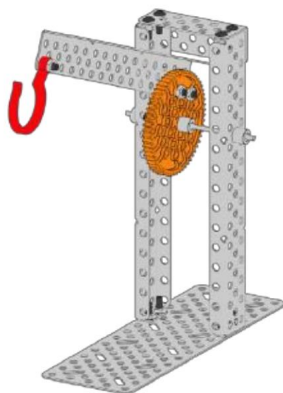
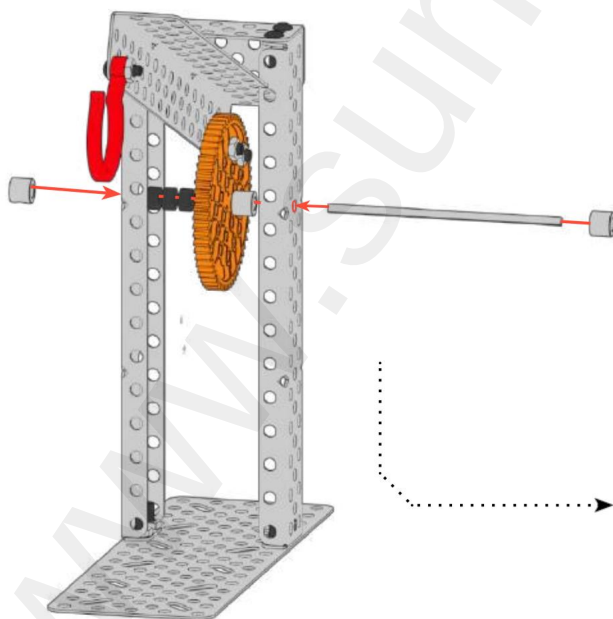
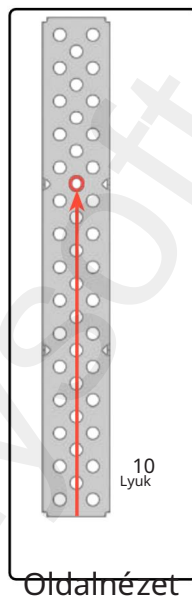
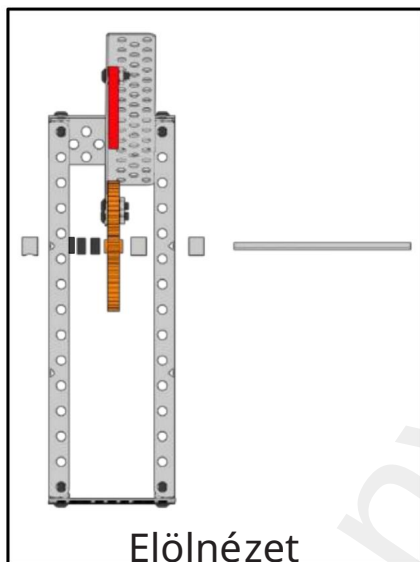


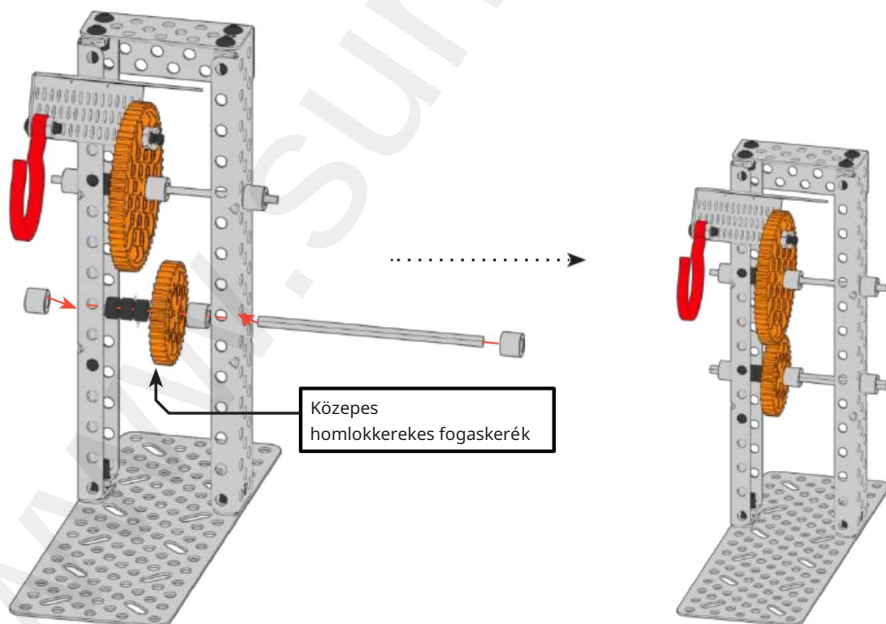
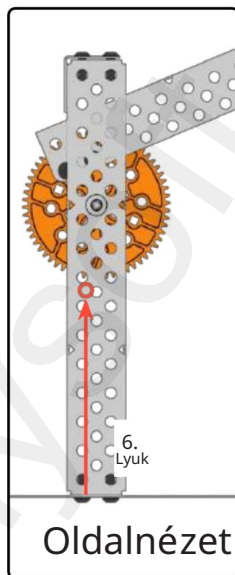
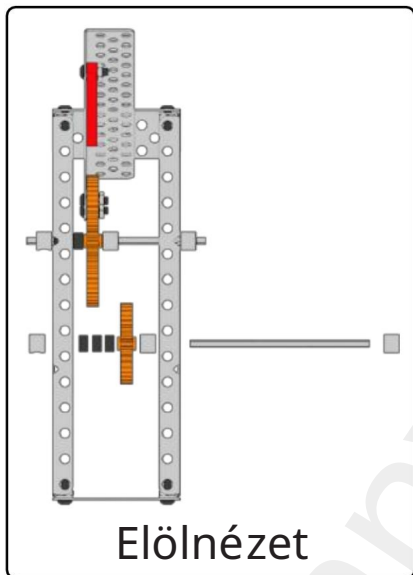
5



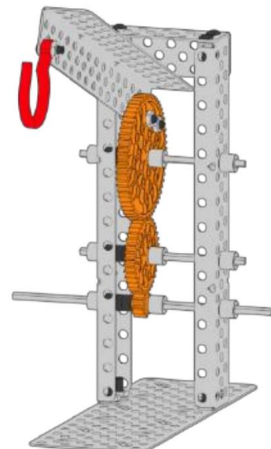
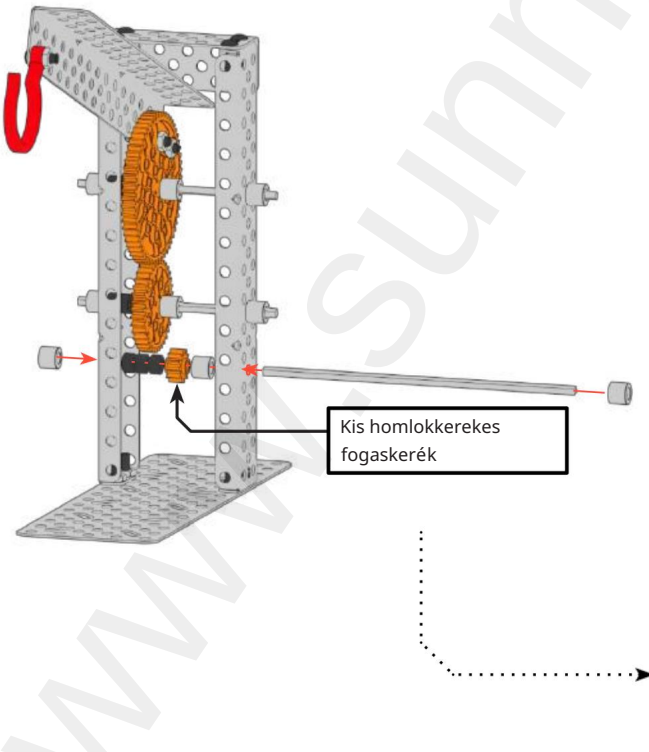
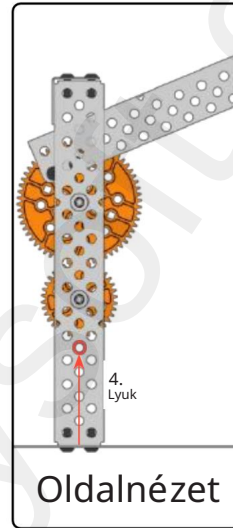
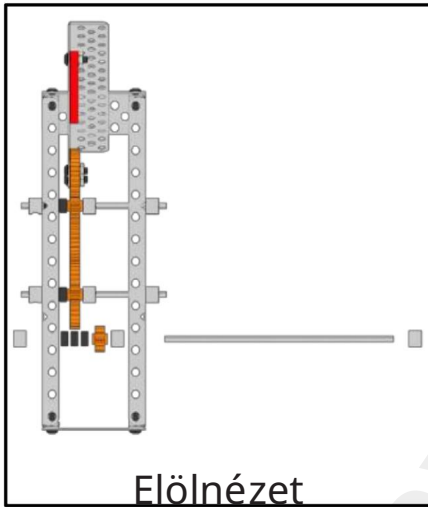
6



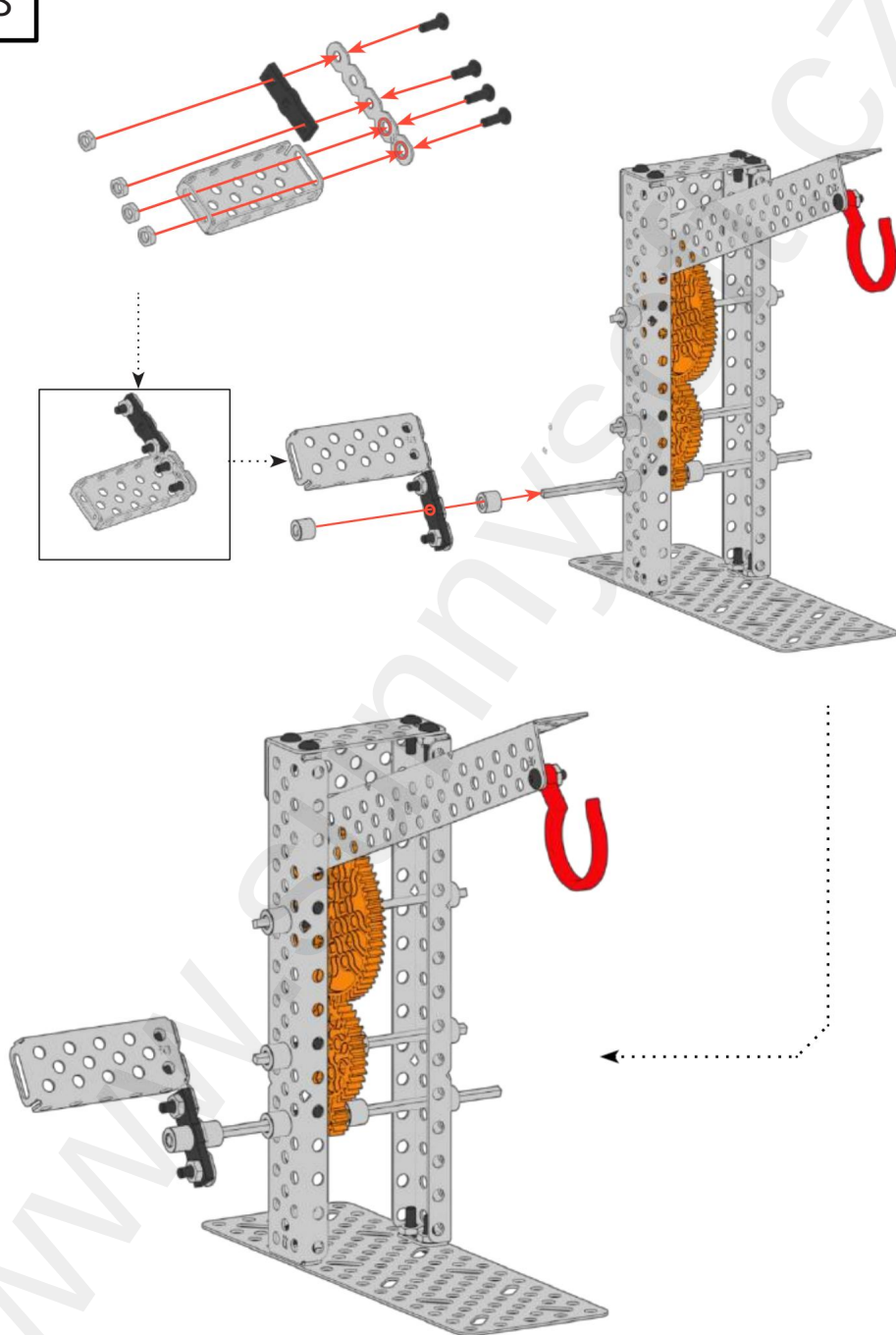




9

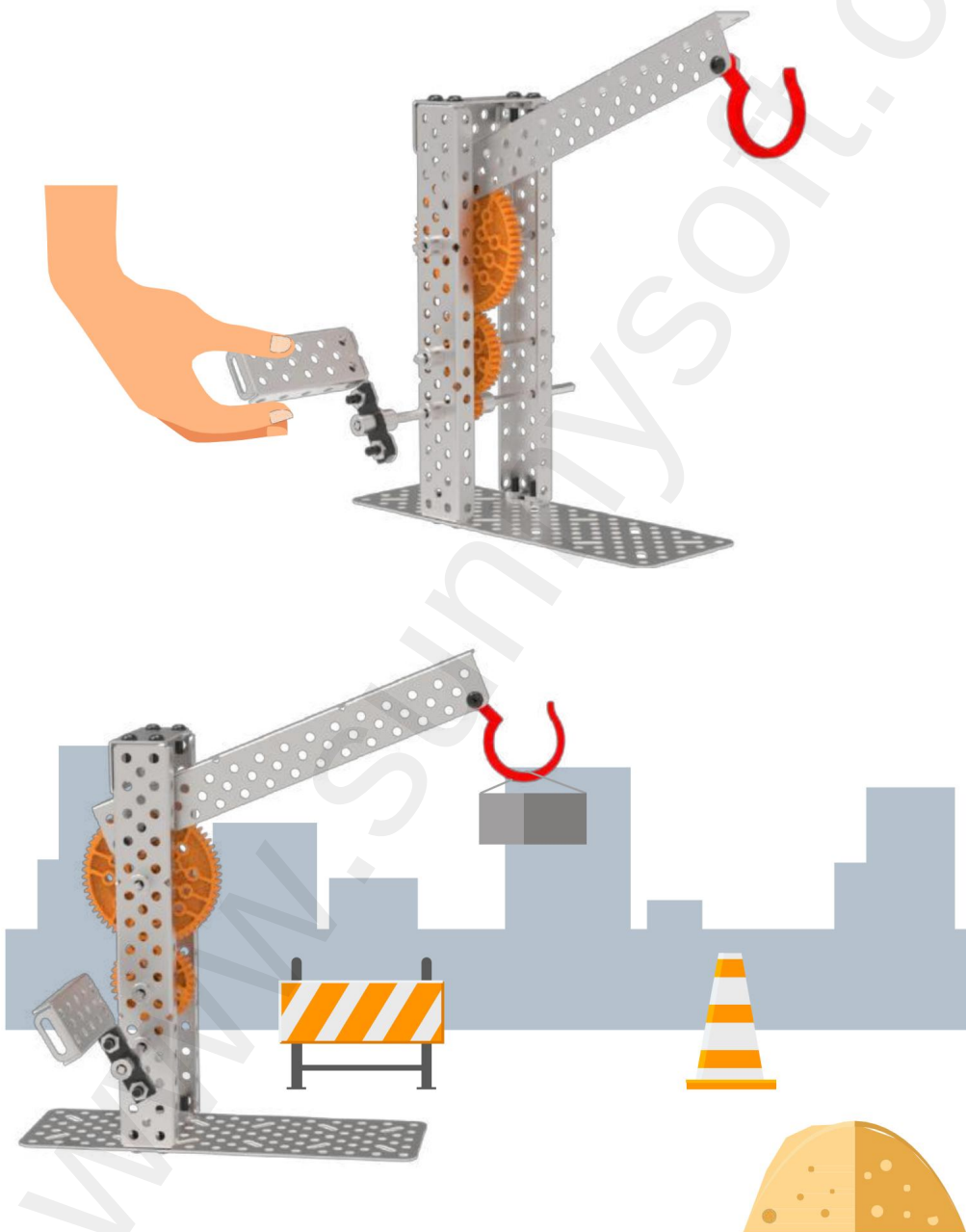


8

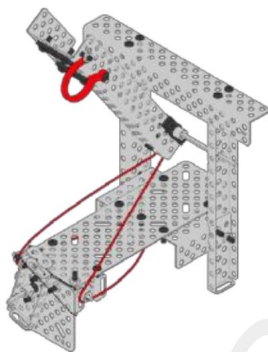


Hogyan kell játszani daruval

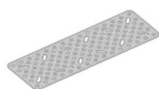
- Forgassa el a kart/fogantyút a tárgy és a daru felemeléséhez.



4. projekt: Katapult



Mire lesz szű ksége?



7,5"
Téglalap alakú
lemez
x1



7,5"
L csatorna
x2



7,5"
U-gerenda
x2



2,5"
L csatorna
x3



2,5"
Flexi
x1



2,5"
U-gerenda x3



Töltelékek x1



Tengelyzár
x9



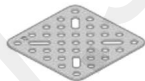
Csatlakozók a
3 lyuk x5



5,5"
tengely x1



3,5" tengely
x2



2,5"
L-csatorna x1



12 mm-es csavarok
x31



dió
x31



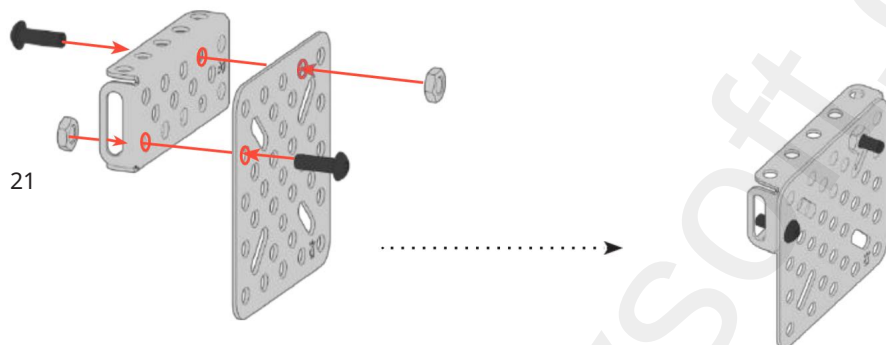
Mű anyag horog
x1



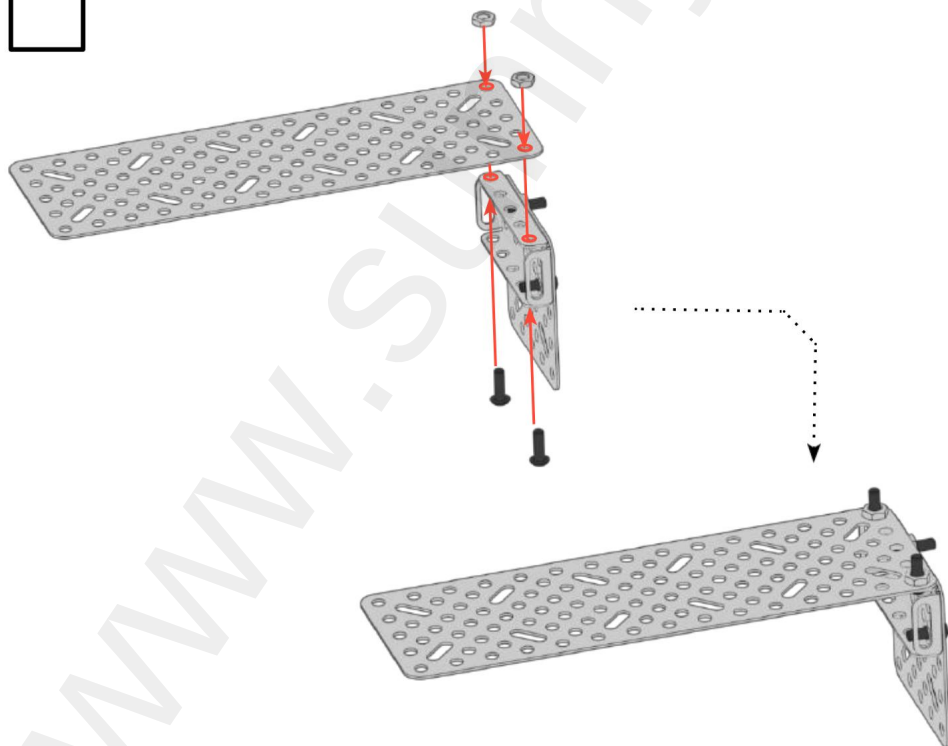
Nagyméretű gumi
szalag
x1



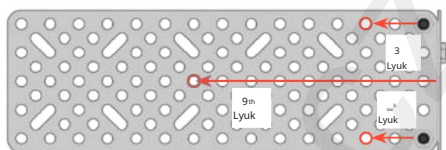
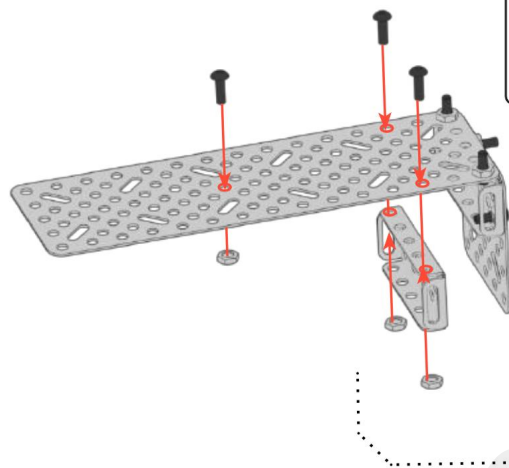
Kicsi gumi
szalag
x1



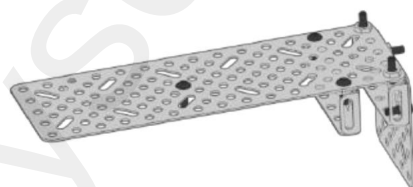
21



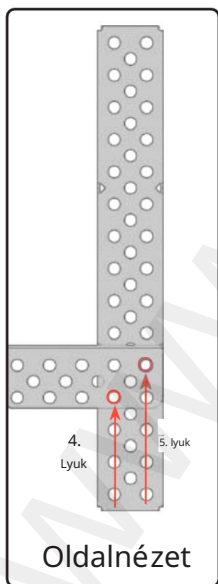
3



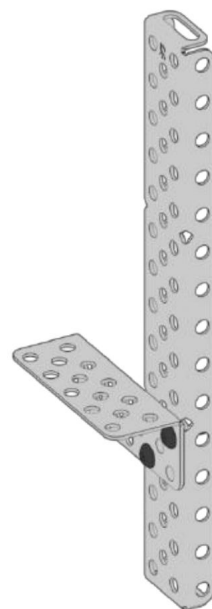
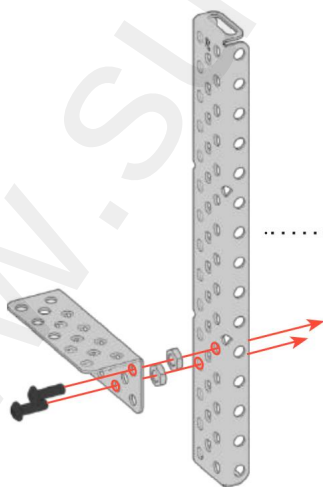
Felü lnézet



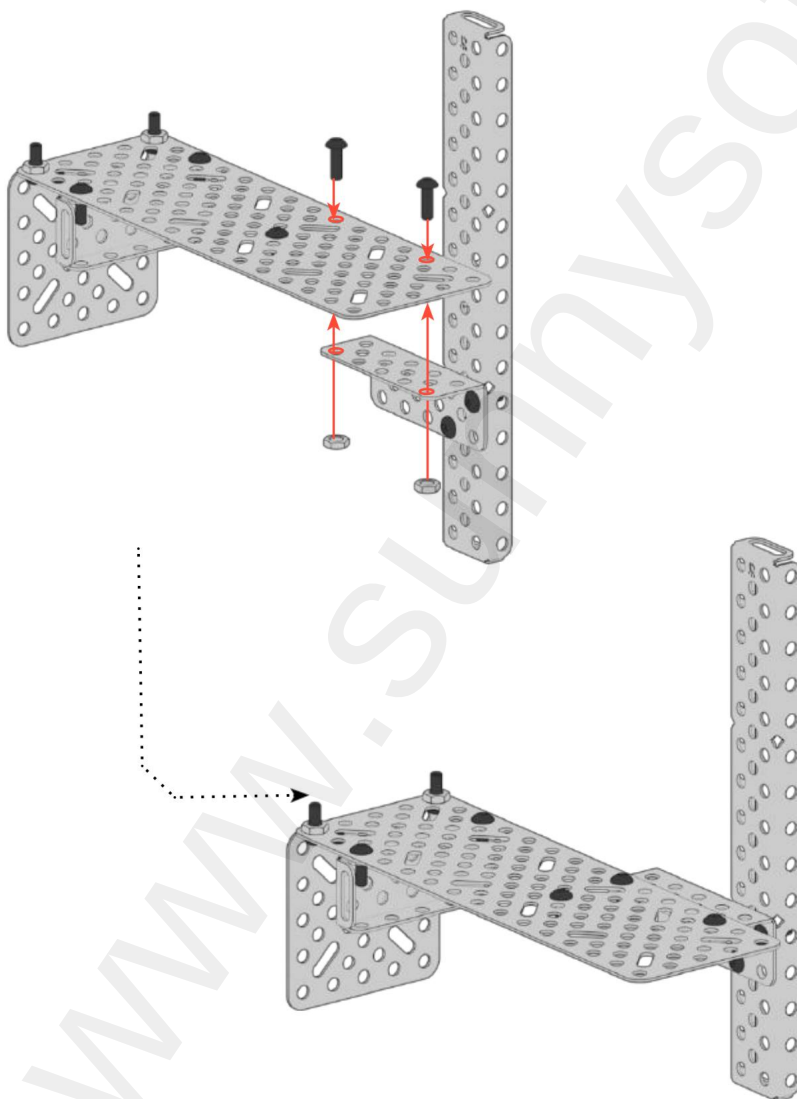
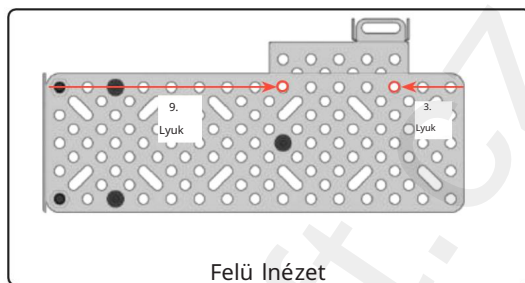
4



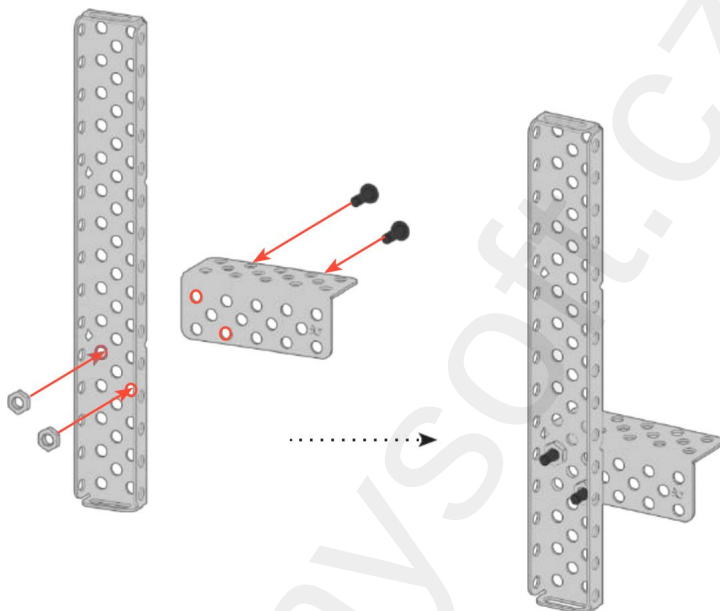
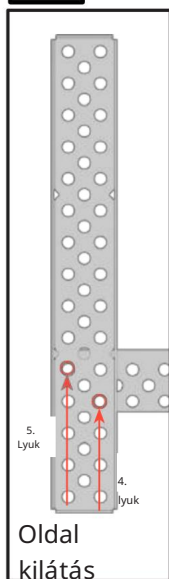
Oldalnézet



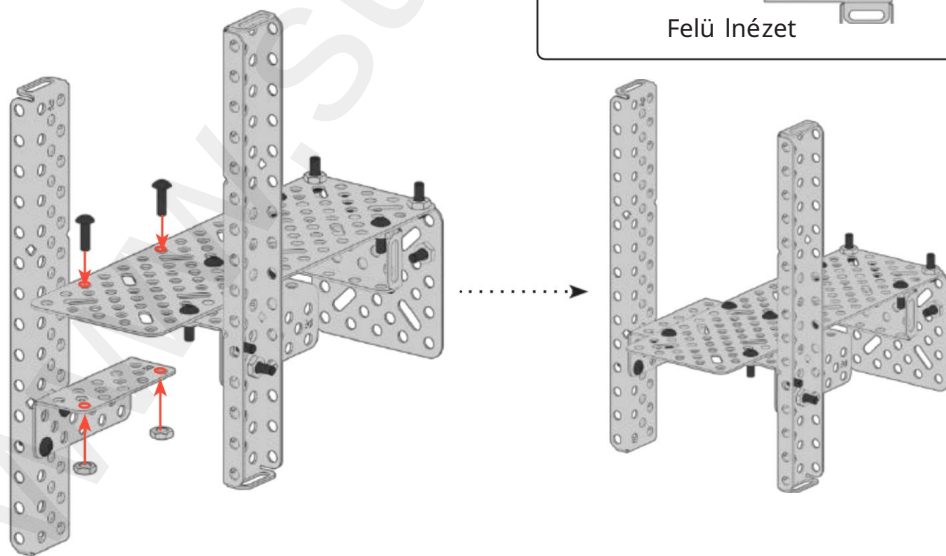
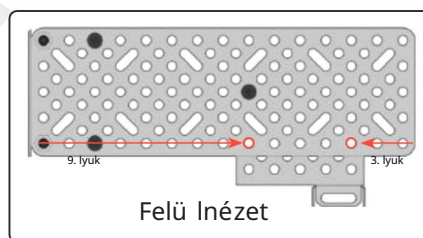
5



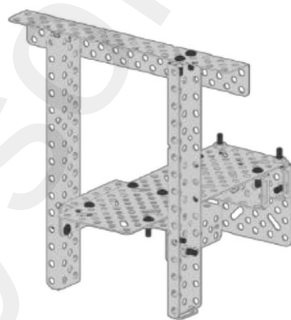
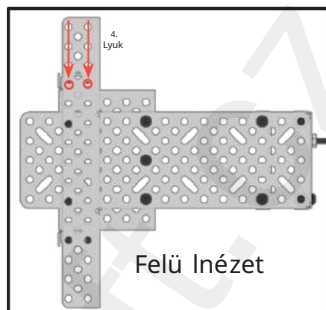
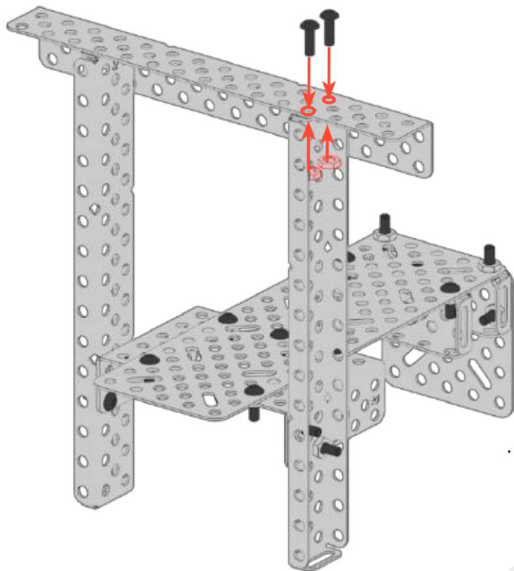
6



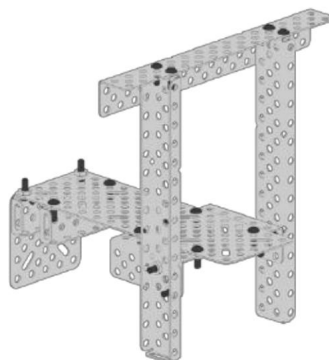
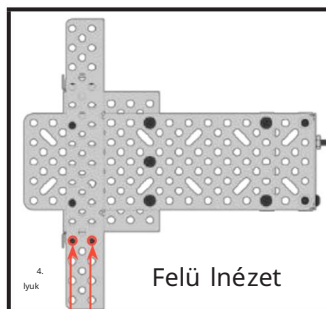
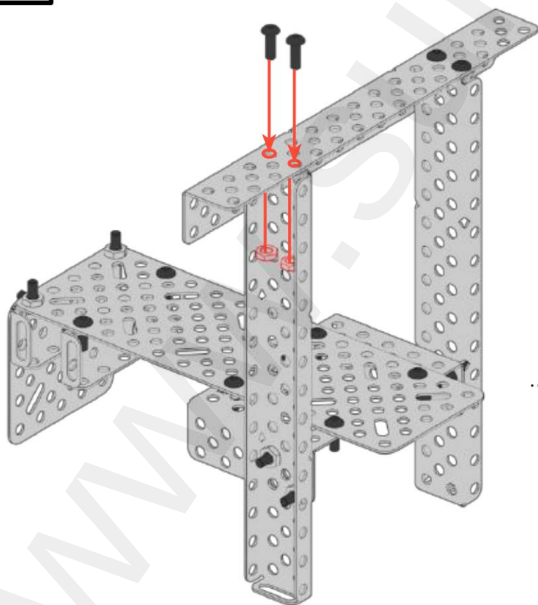
7



8

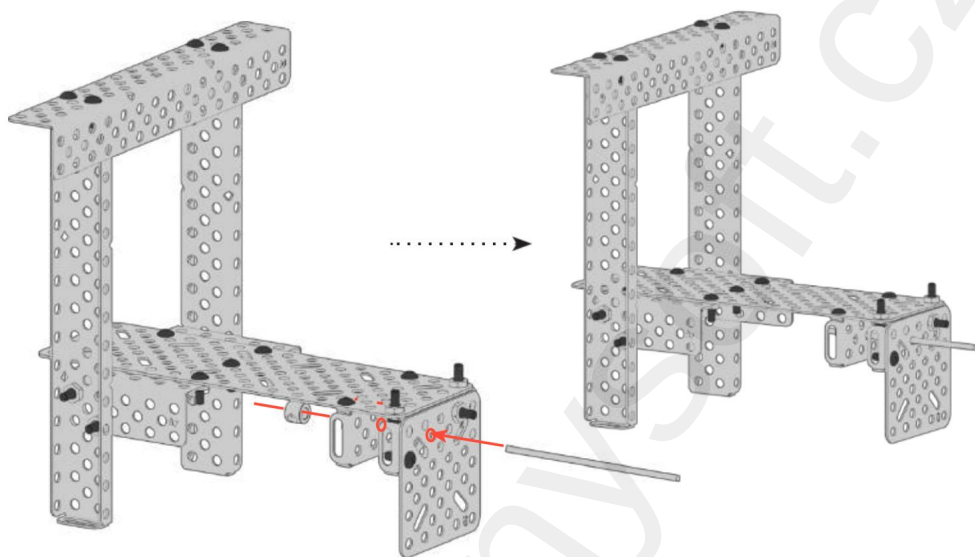


9



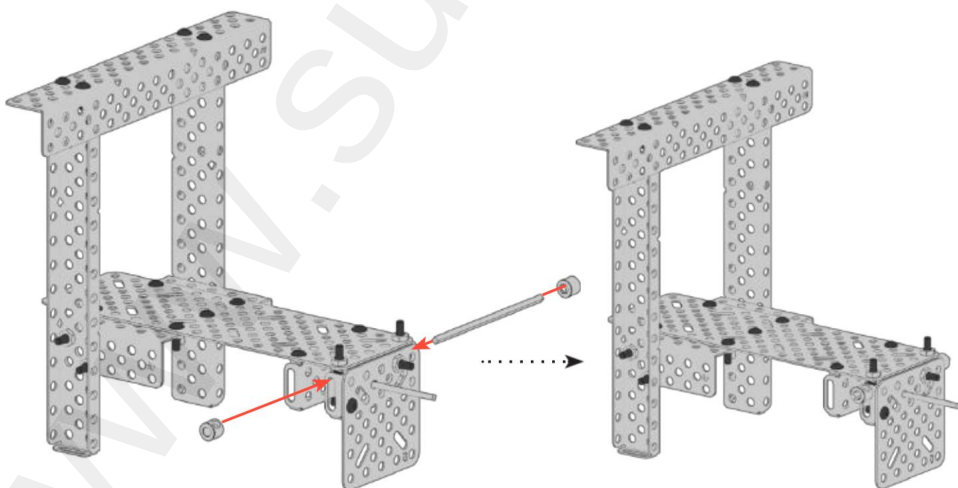
10

Gyógyszer 1:1 3.5

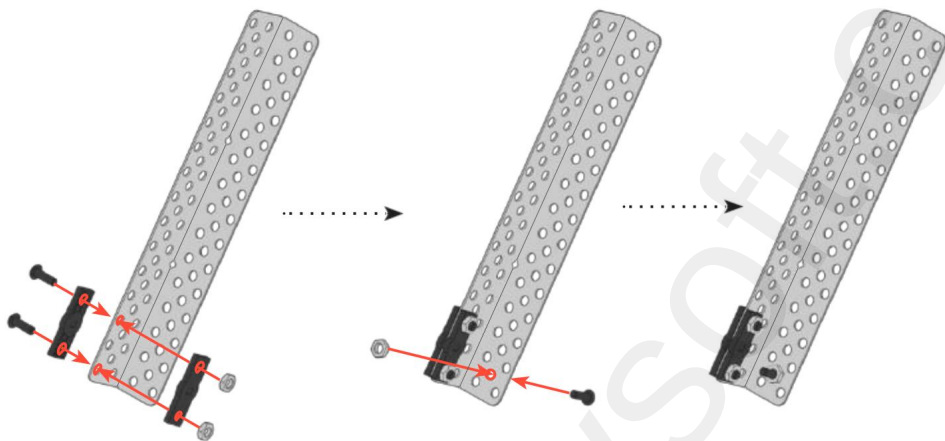


11

Gyógyszer 1:1 3.5



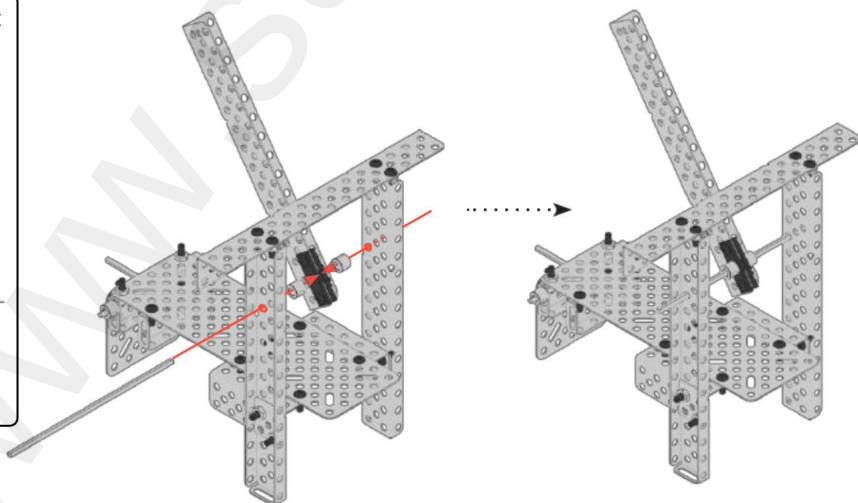
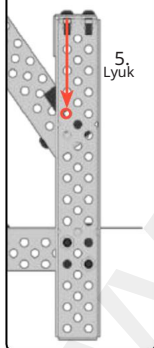
12

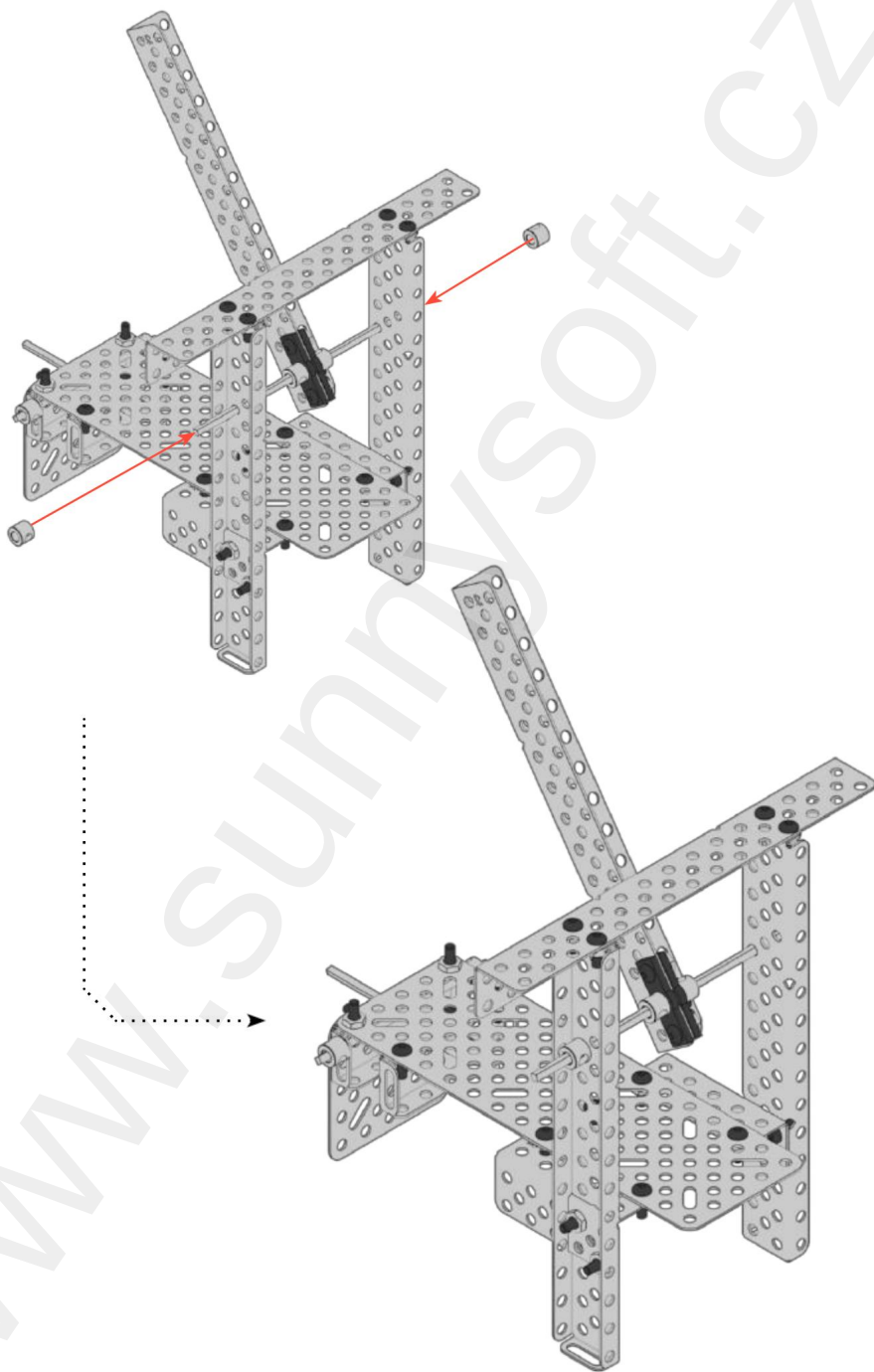


Gyógyszer 1: 5.5

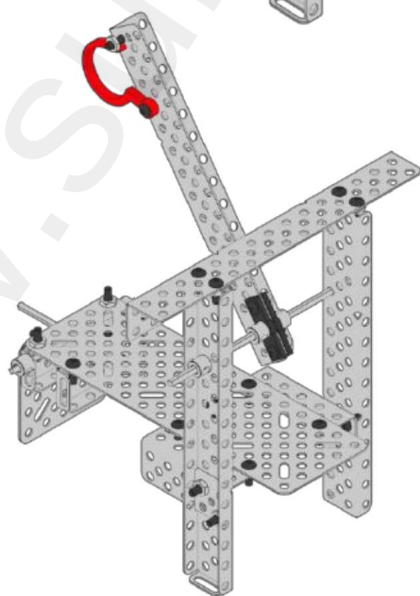
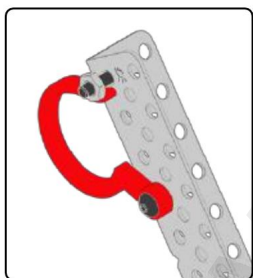
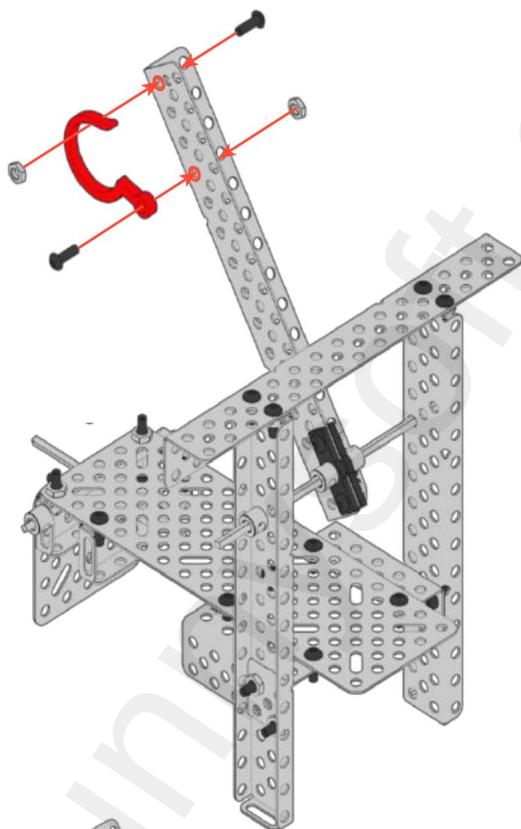
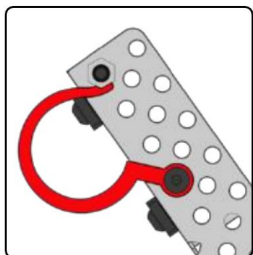
13

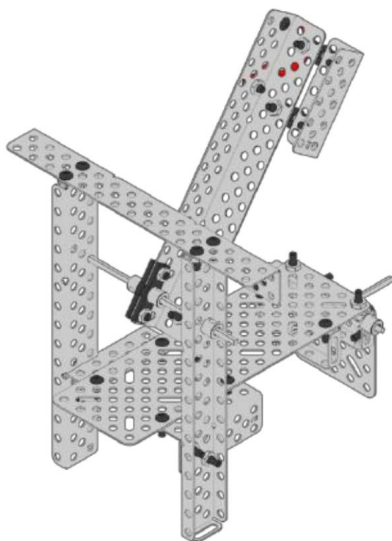
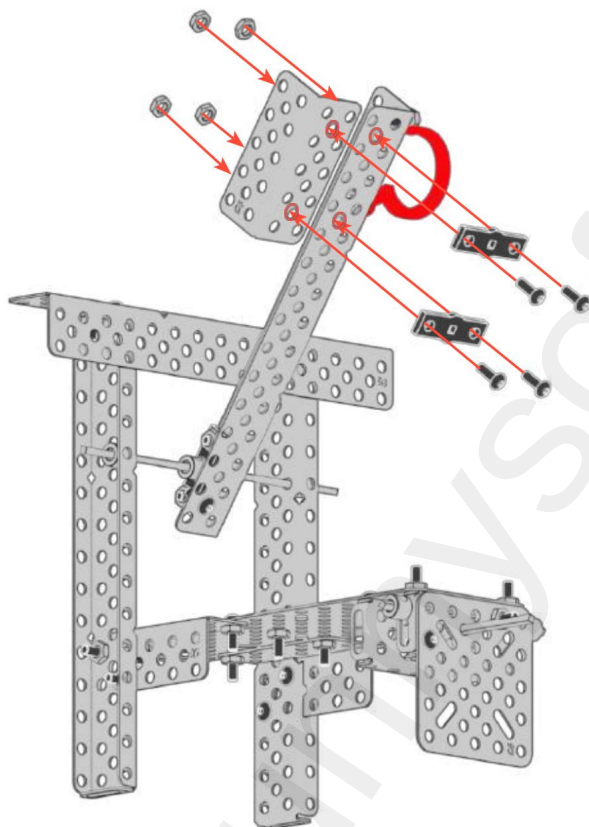
Oldalnézet

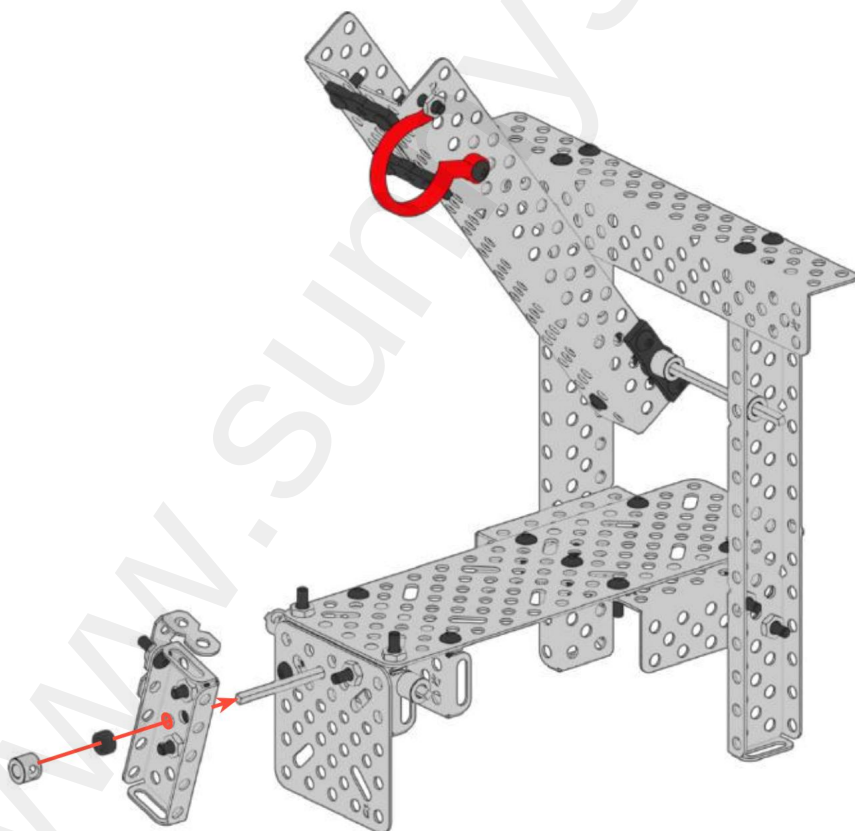
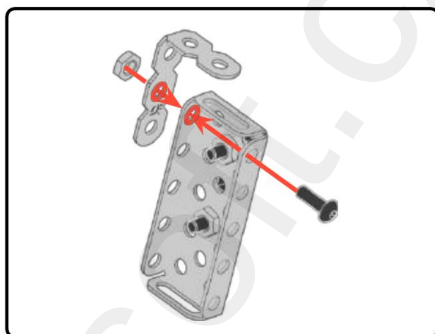
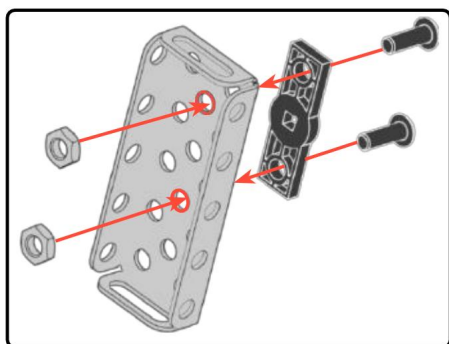




15

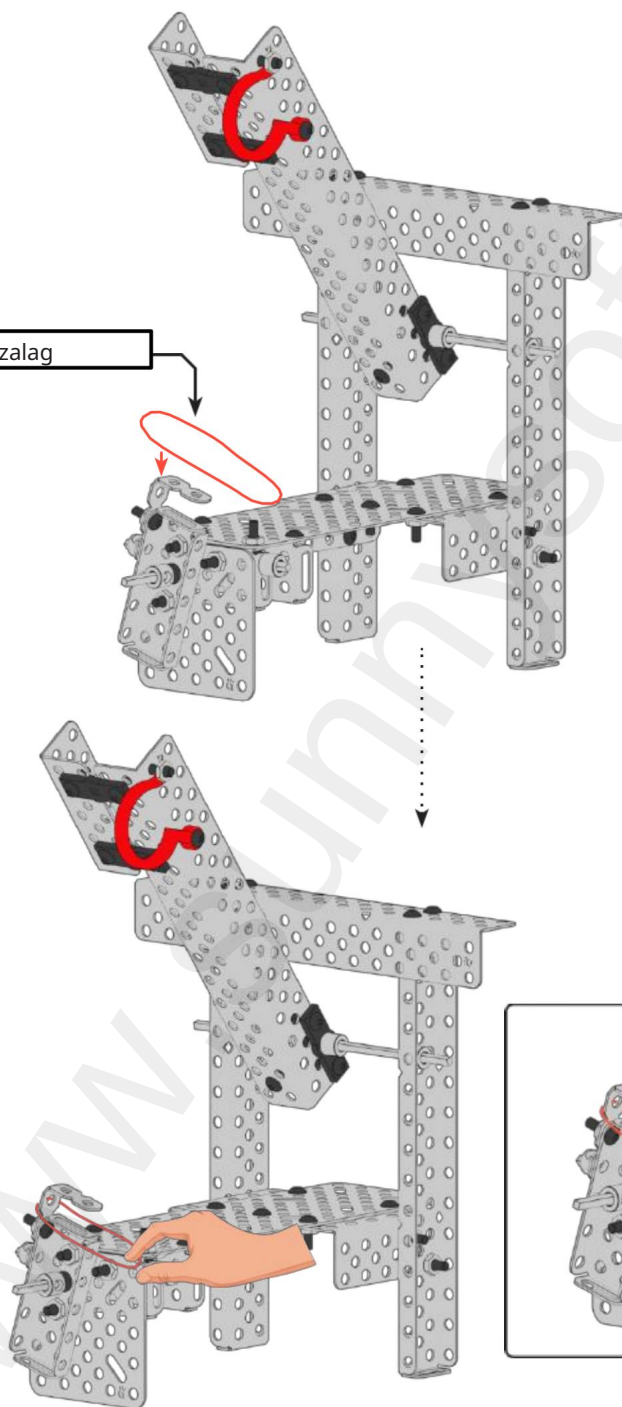


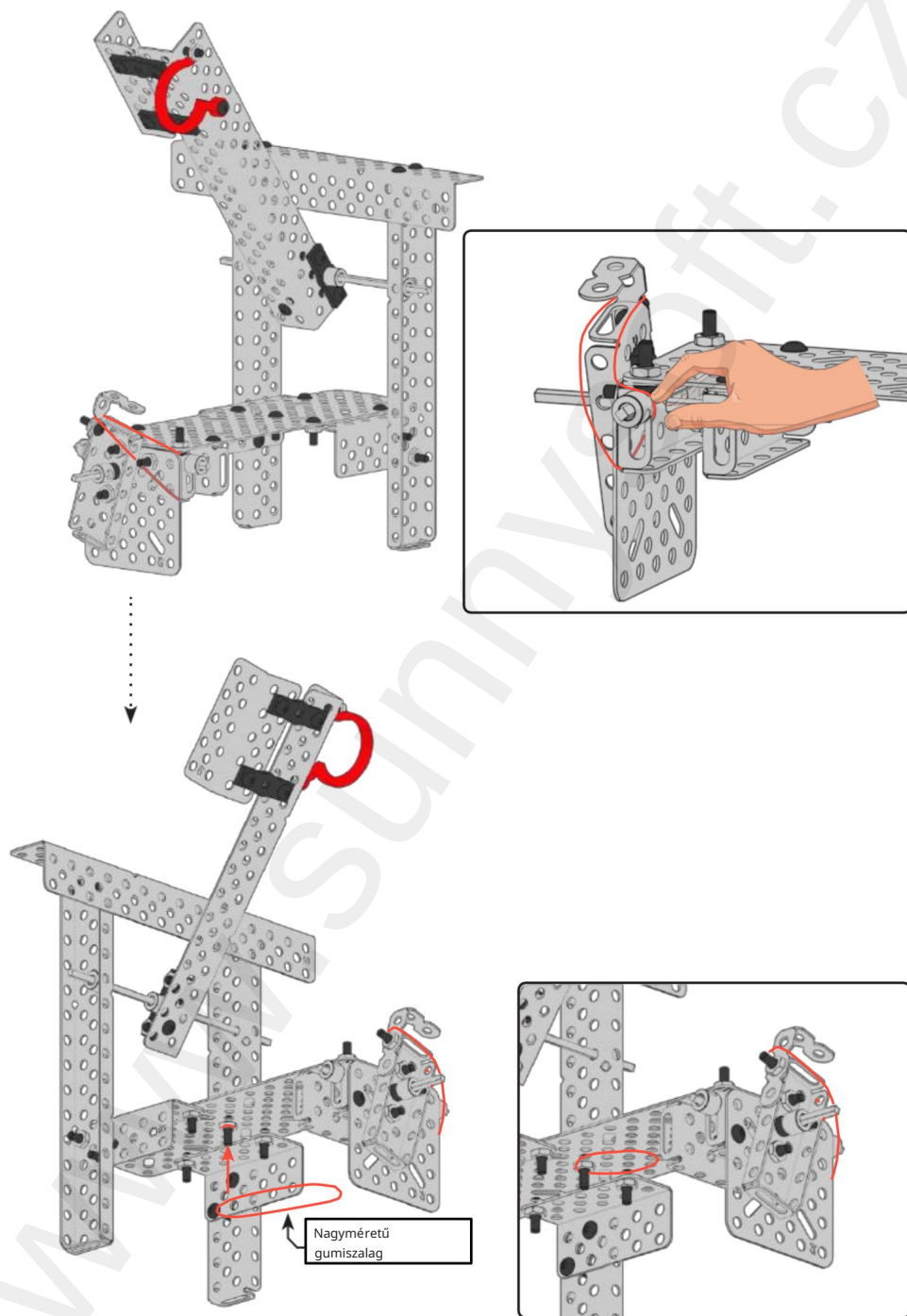


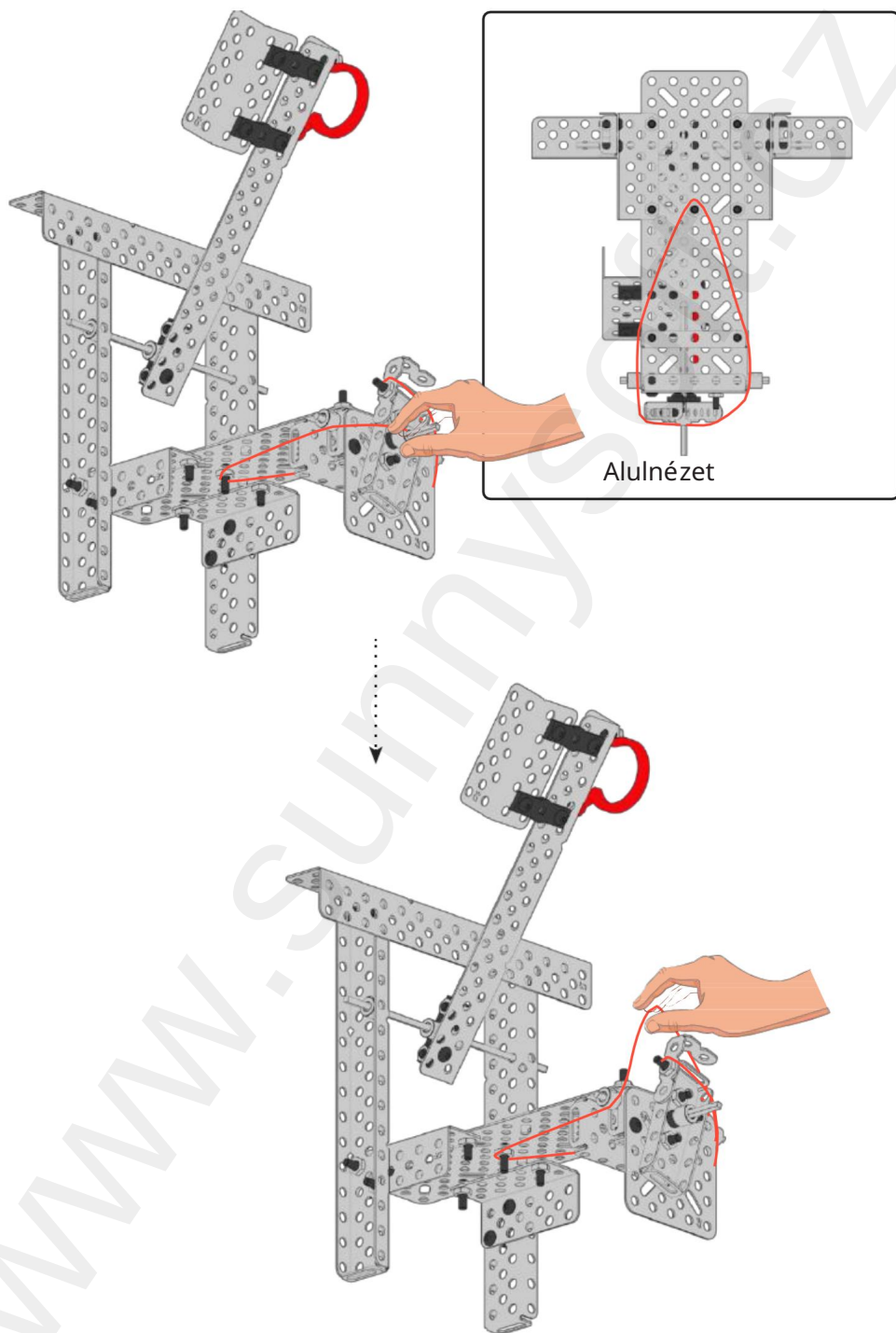


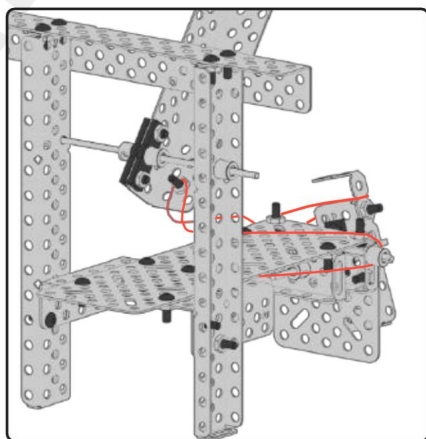
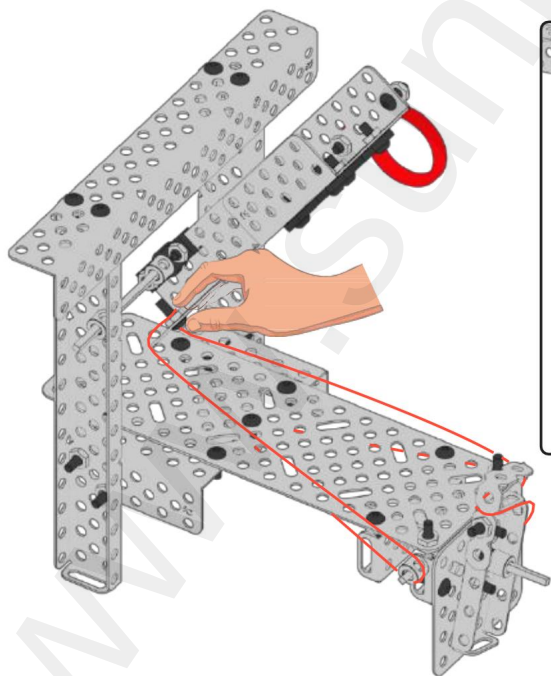
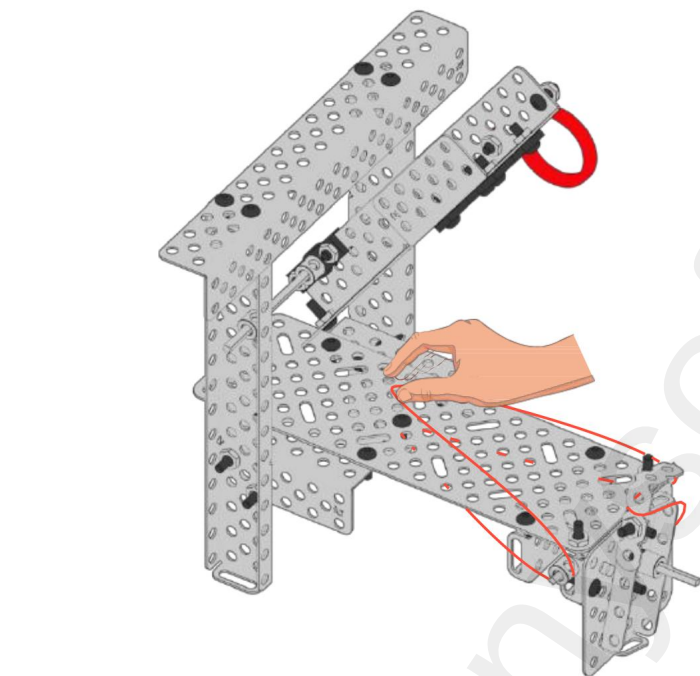
18

Kis gumiszalag



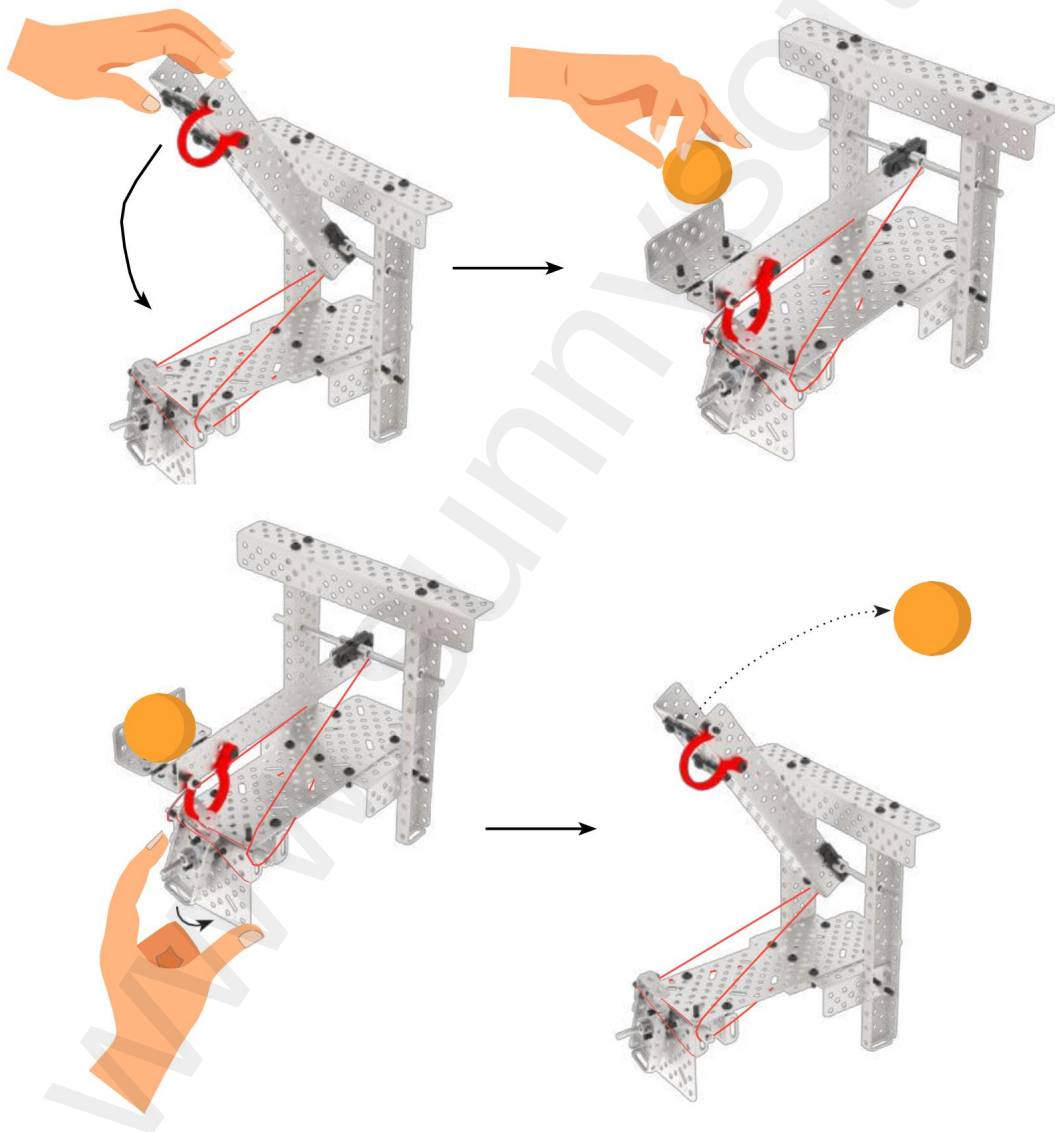




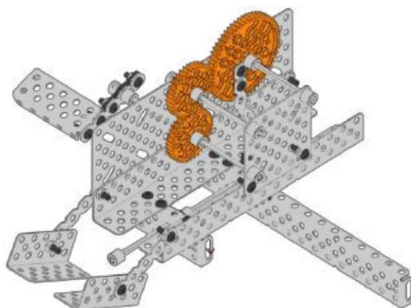


Hogyan játssz a katapulttal

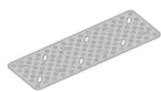
- Húzza le a kart
- Helyezze be a zárat.
- Helyezze el a labdát.
- Oldja ki a zárat.
- A labda halad előre.



5. projekt: Ball Shooter



Mire lesz szű ksége?



7,5"
Téglaalap alakú
lemez
x1



7,5"
L csatorna
x2



7,5"
U-gerenda
x1



2,5"
L csatorna
x2



2,5"
Flexi
x5



2,5"
U-gerenda
x2



Töltelékek x3



Zár
korrekciókat
x16



Csatlakozók a
3 lyuk x3



5,5" tengely
x2



3,5"
tengely x2



2,5"
L-csatorna x1



12 mm-es csavarok
x22



Diófélék
x22



Kicsi gumi
szalag
x1

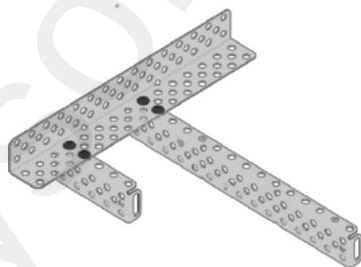
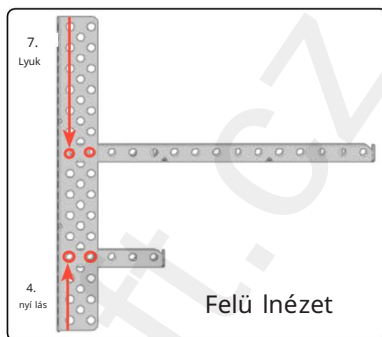
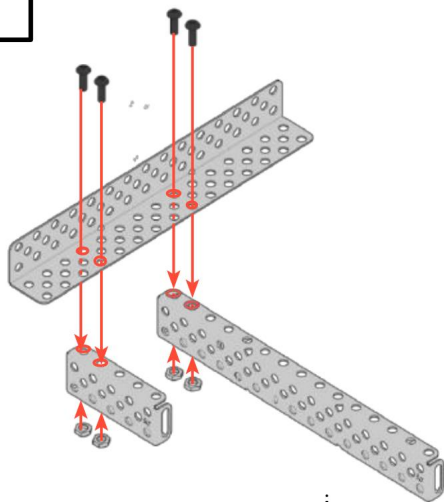


Nagy frontális
fogaskerék x1

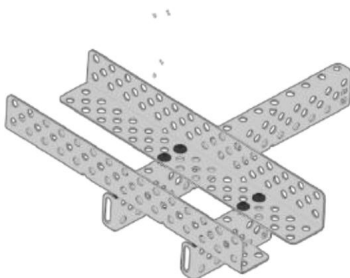
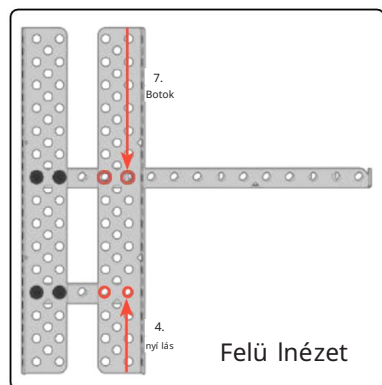
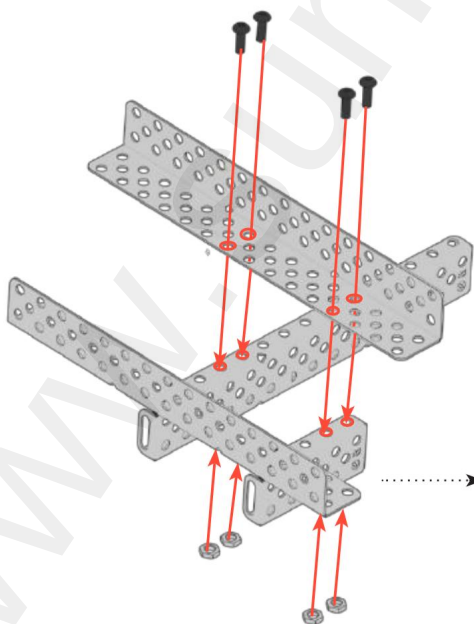


Középső frontális
fogaskerék
x2

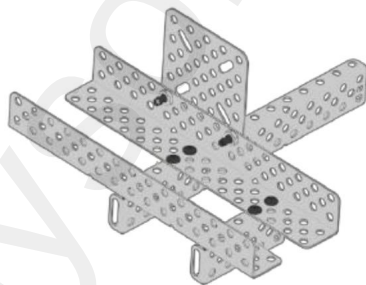
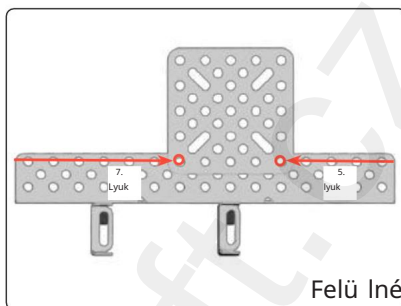
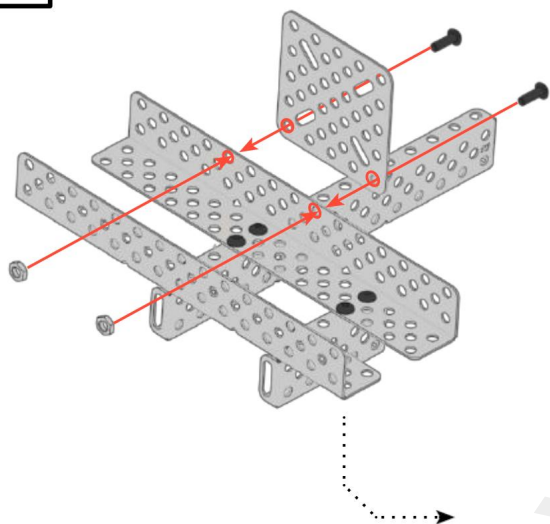
1



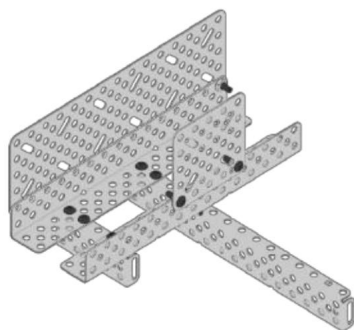
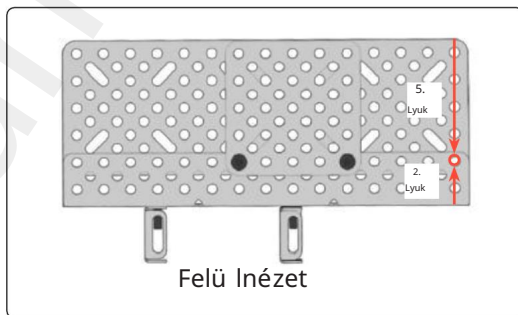
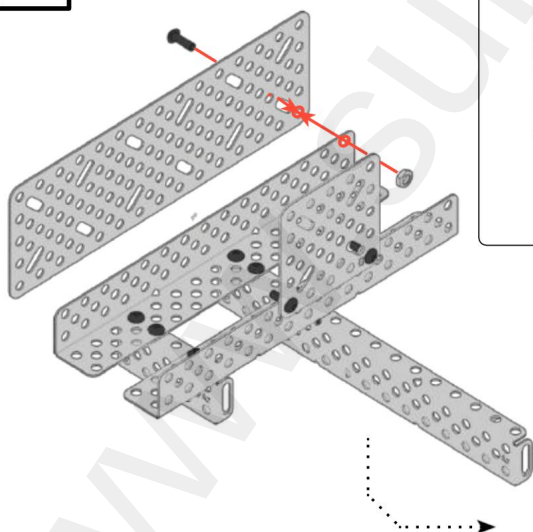
2



3

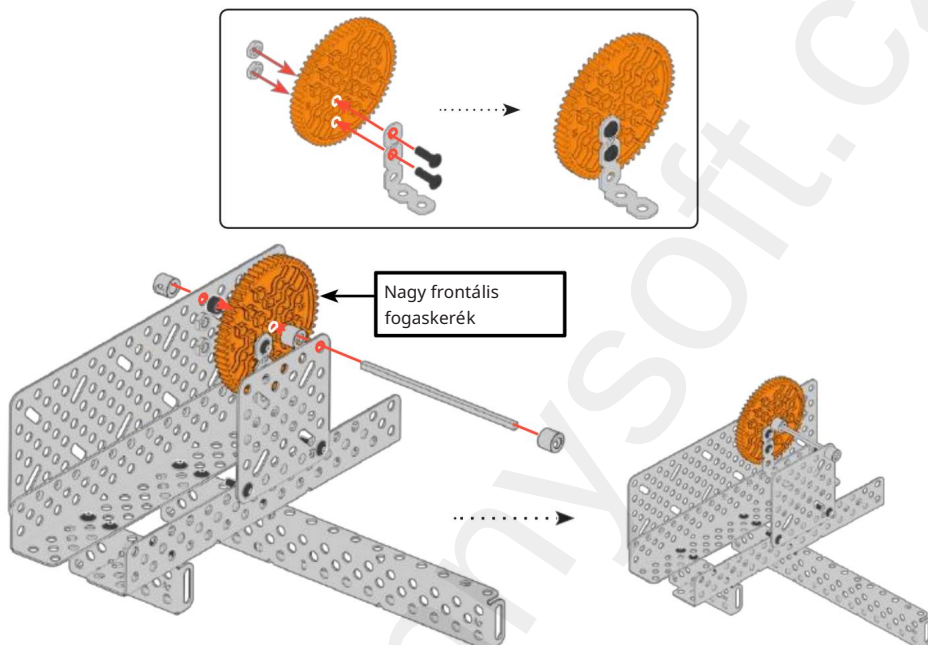


4



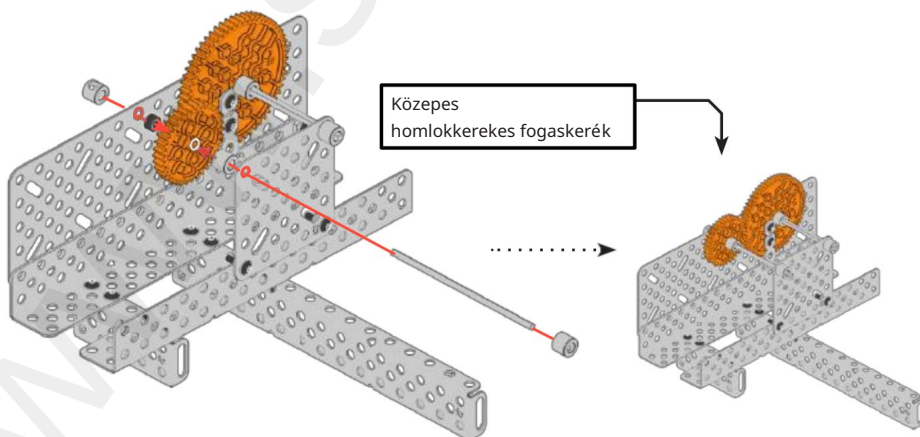
5

Gyógyszer 1:1 3.5

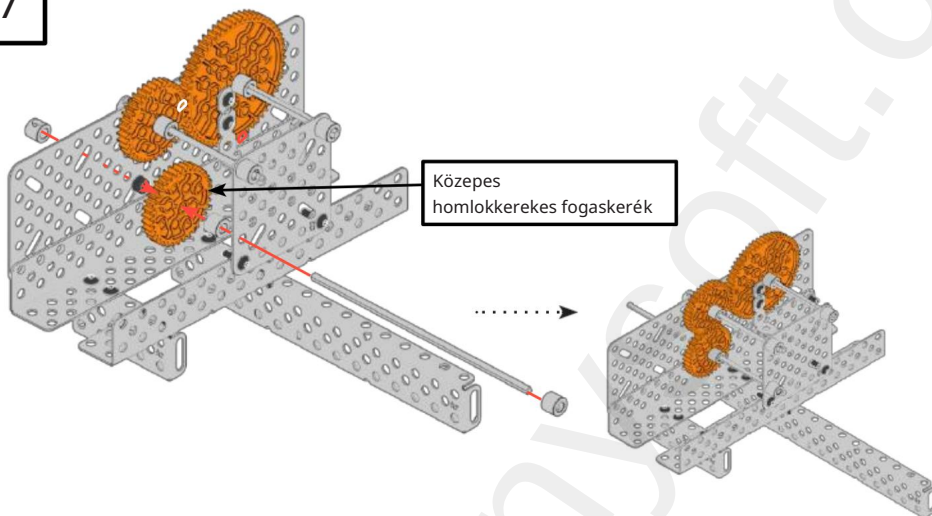


6

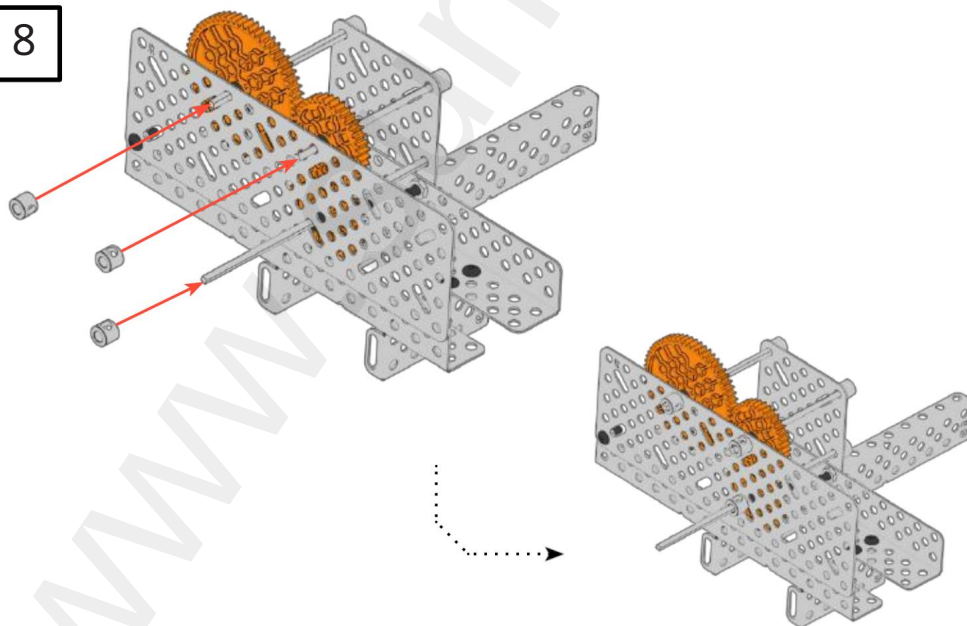
Gyógyszer 1:1 3.5



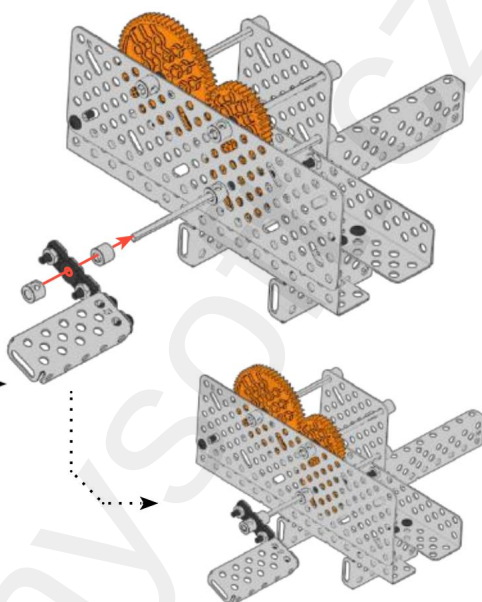
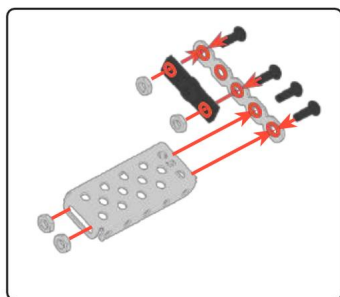
7



8

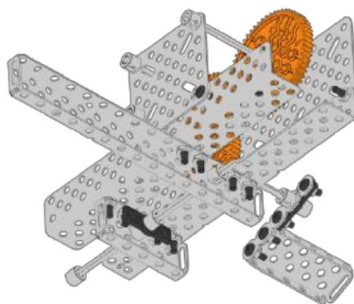
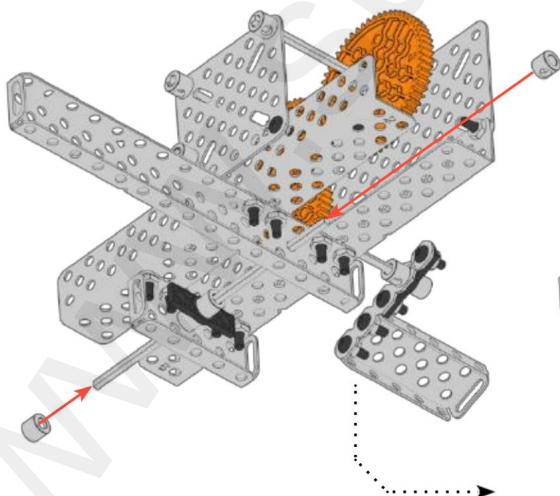


9

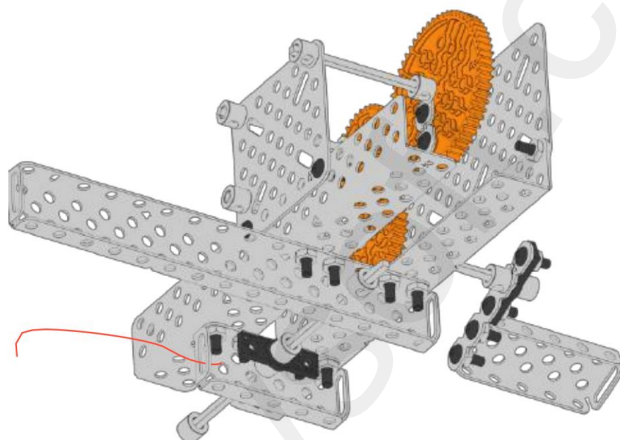
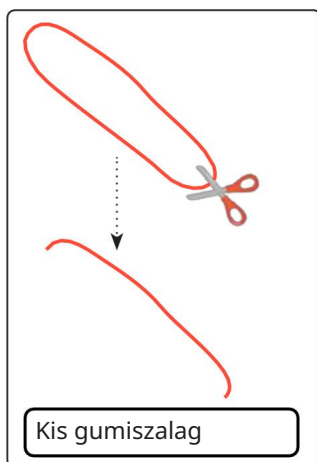


Gyógyszer 1:1 5.5

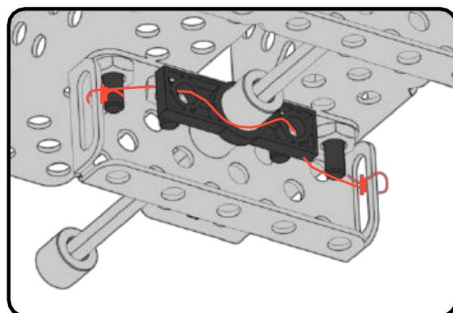
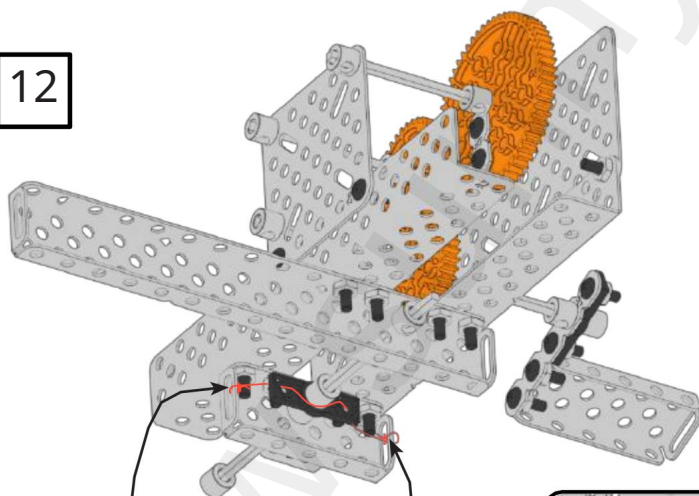
10



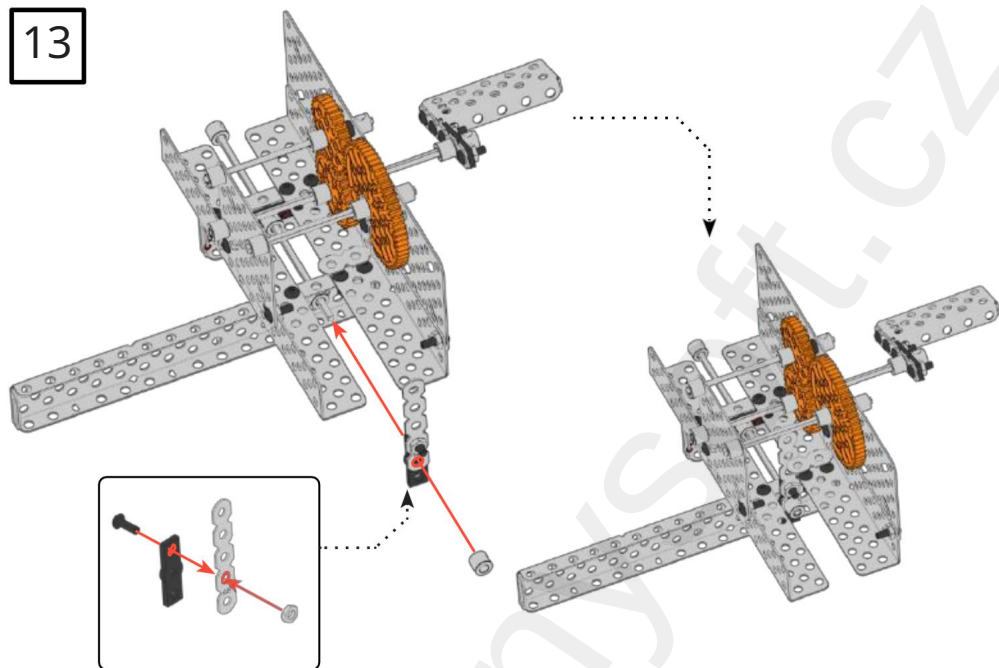
11



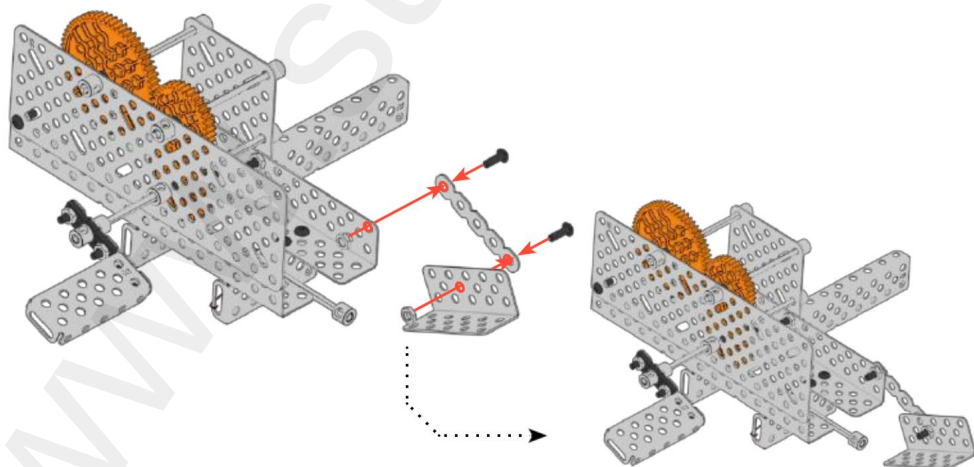
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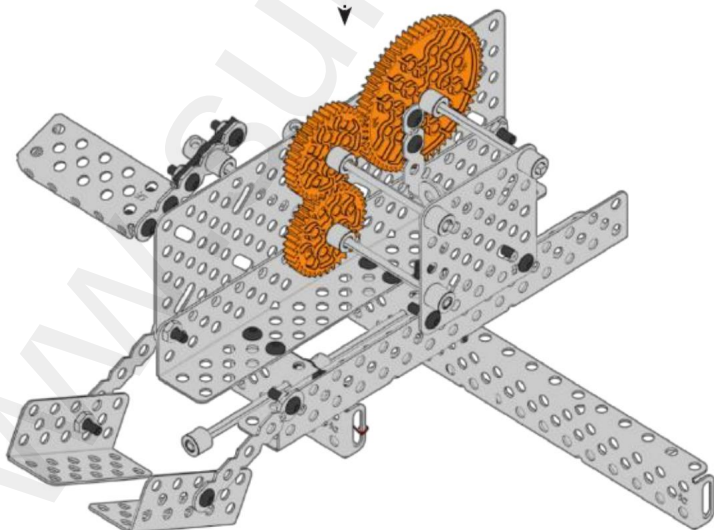
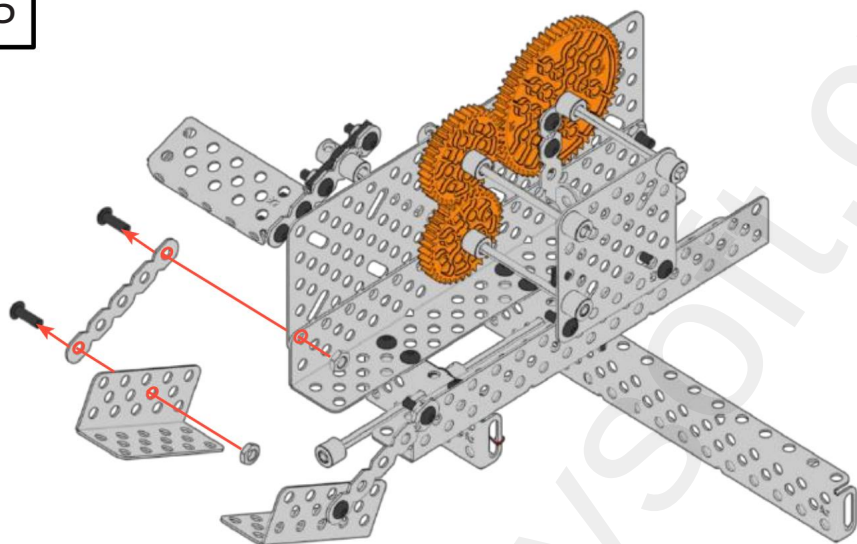


13



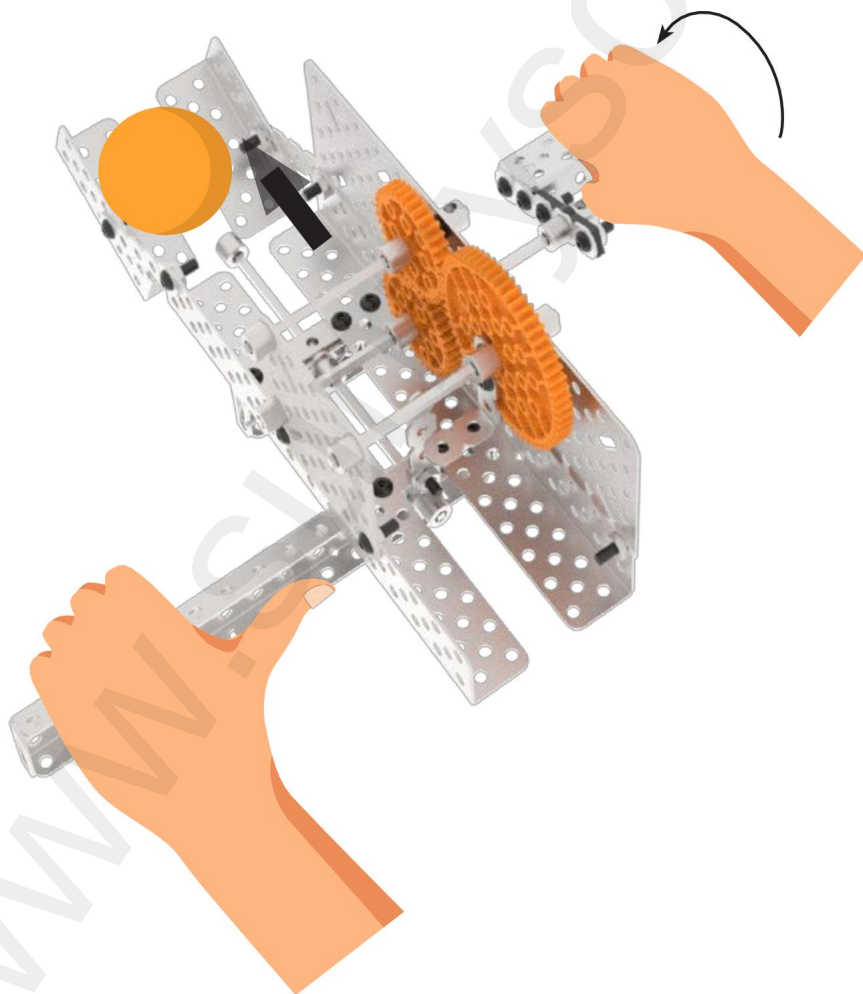
14





Hogyan kell játszani

- Helyezze a labdát egy kis L alakú edénybe.
- Forgassa el a kart/fogantyút. A tengely eltalálja a labdát.



Baj van?

Technikai támogatásunk a következő időpontokban áll az Ön rendelkezésére -
hétfőtől szombatig: 9:00-20:00 vasárnap és 3.
szombat: 9:00-18:00



Szoftver problémák



Használhatósági problémák



Hardver problémák

Olvassa be a QR-kódot, hogy kapcsolatba lépjen az ügyfélszolgálatl.



support@avishkaar.cc
+91-8506931515

Szállító/Forgalmazó Sunnysoft
sro
Kovanecká 2390/1a 190
00 Prága 9
Csehország
www.sunnysoft.cz

avishkaar

69/2A, Najafgarh Road, Ipari
Area, New Delhi 110015

+91 - 8506931515 support@avishkaar.cc www.avishkaar.cc



@AvishkaarEdu

Robotics Series

User Manual**ROBOTICS
EXPLORER**

Започнете вашето пътуване в роботиката!



Възползвайте се максимално от вашия комплект

Иновизирайте



Положете на клетвата на новатор

Положете Клетвата за новатор на страниц 6 и разберете какво означава да си новатор.



Научете се да използвате ръководството

Следвайте подробните инструкции в ръководството и научете как да създавате интересни роботи с комплекта.



Изграждате, кодирайте и управлявайте

Изграждайте иновативни проекти с комплекта и управлявайте роботи с дистанционно управление. Авишкар и кодирайте с приложението Avidkarr Maker Studio.

Споделете

Печелете



Присъединете се към L & S Avishkar

Присъединете се към нашата общност във FB - свържете се с новатори и получите най-новата информация за уебинарите.



Качване на проекти

Качвайте проекти на www.avishkar.cc и ги споделяйте с творци и поцелия свят.



Международни състезания

Участвайте в седмични, месечни и годишни състезания и печелете слава по целия свят.



Клетвата на иноватора

Поемете обещанието за новатор подолу и се ангажирайте с доживотно преследване на иновации и решения проблеми. С поделете с никвата във FB общността L et's Avistkaar

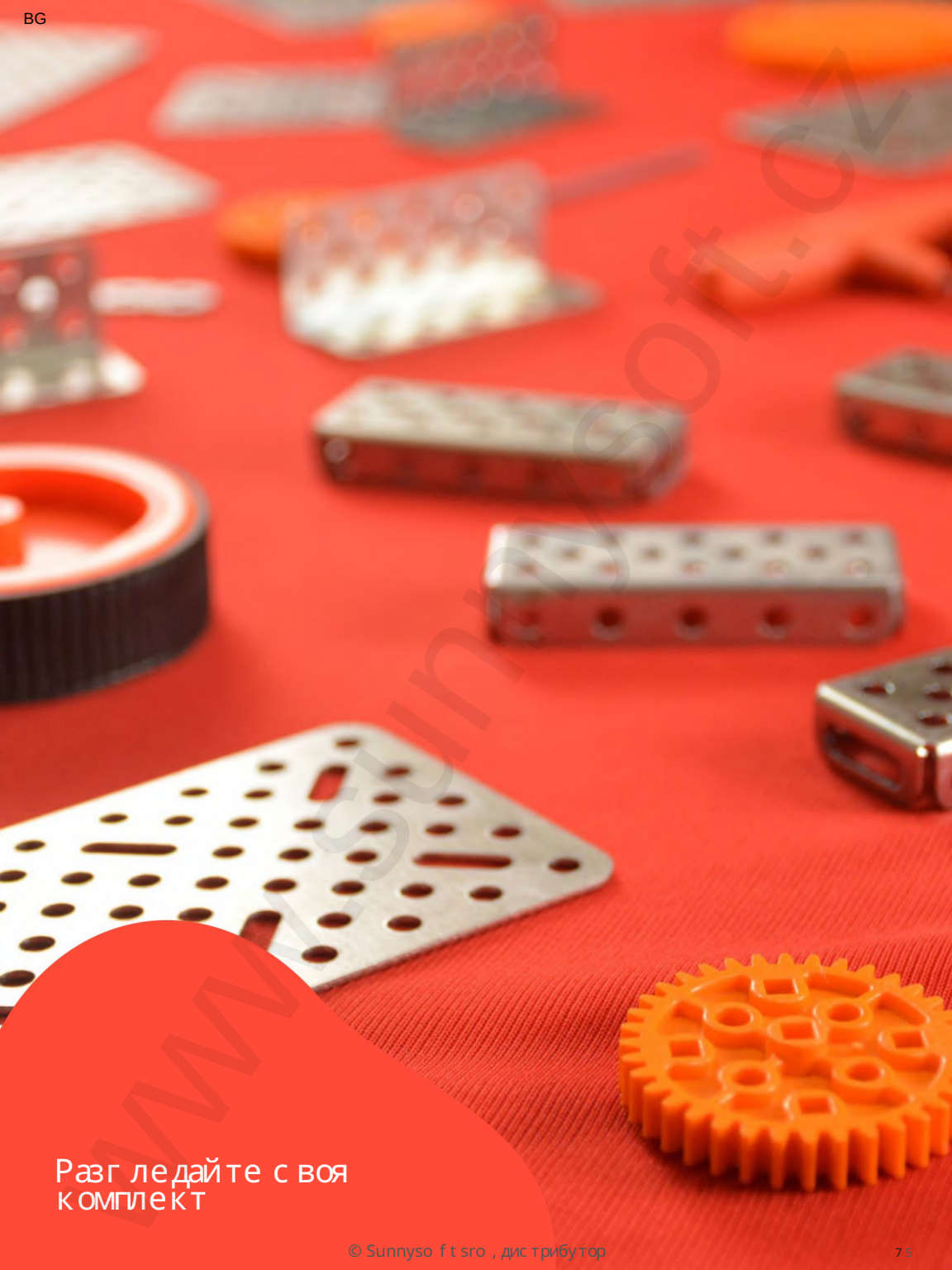
Тържествено се заклевам, че след като съм тръгнал по пътя на иновациите, няма да се откажа, докато моята иновация, моят проект не бъдат завършени. Ще усъвършенства уменията и инструментите си и ще ги използвам добре. Иновацията и аз ще бъдем неразделни.

Винаги ще споделя иновациите си с друг иноватори и ще се учая от тях.

I (напишете имената си)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

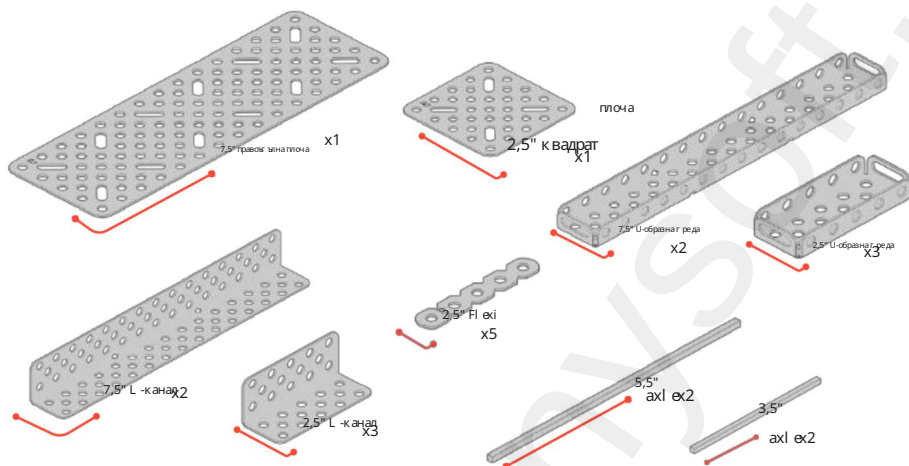
подпис



Разгледайте с своя
комплект

Проверка на оборудването

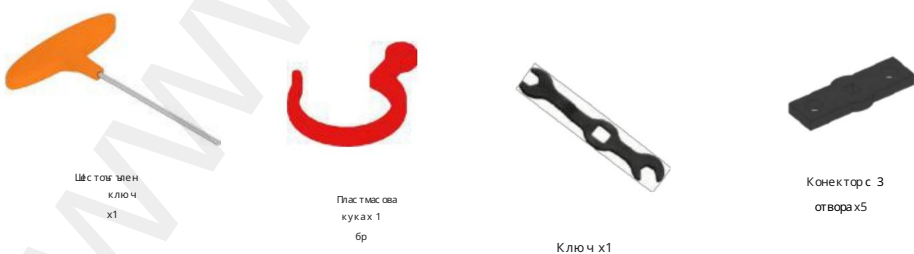
Метални части



козела и зъбни козела



Инструменти





Панелни
х 11 бр



Блокажи на осите
х 16



12 ММ ВИНТ
х31



Гайка
х 31



Големи ластичи
х2



Малки ластичи х2

Ос нови на изграждането

Нека разберем кои ос нови на строителството

Затягане на винтовете



Затягане на ключалката на ос



Стегнете
(завъртете по
часовниковата стрелка)



Разхлабете
(завъртете обратно на
часовниковата стрелка)

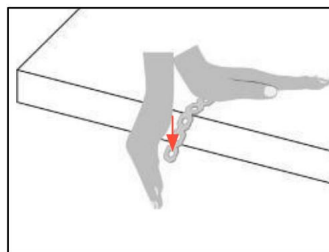
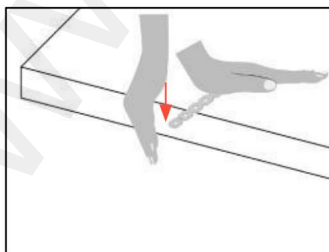


Стегнете
(завъртете по
часовниковата стрелка)

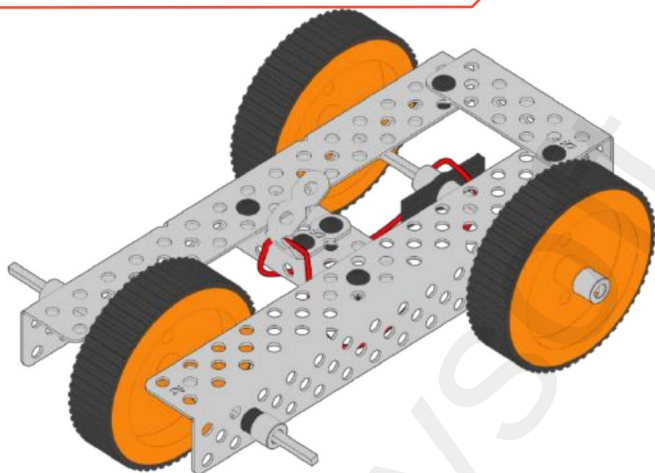


Разхлабете
(завъртете обратно на
часовниковата стрелка)

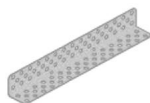
Флексинг



Проект 1: Кола



Какво ще ви трябва?



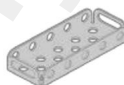
7,5"
L канал
x2



2,5"
Канал L
x 1



2,5"
Малък Flexi
x1



2,5"
U-образна г-реда
x1



5,5" ос x2



Пълен
x 4



Заключване на ос та x8



Конектори с
3 отвора x1



Малко колело x3



Голяма гумалента 1x

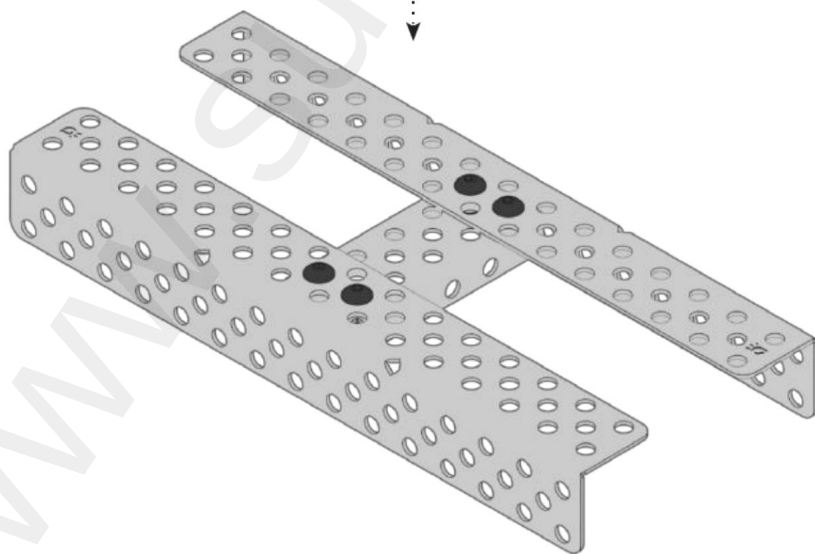
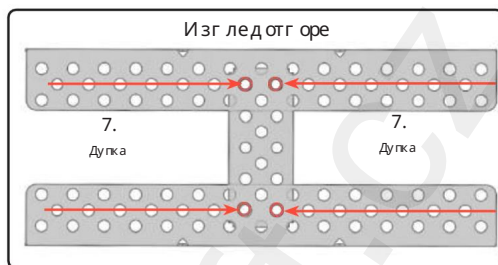
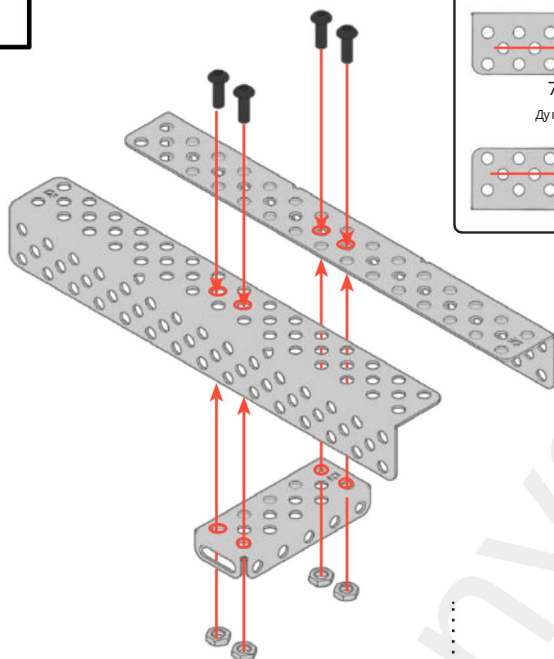


12 мм винтове x8

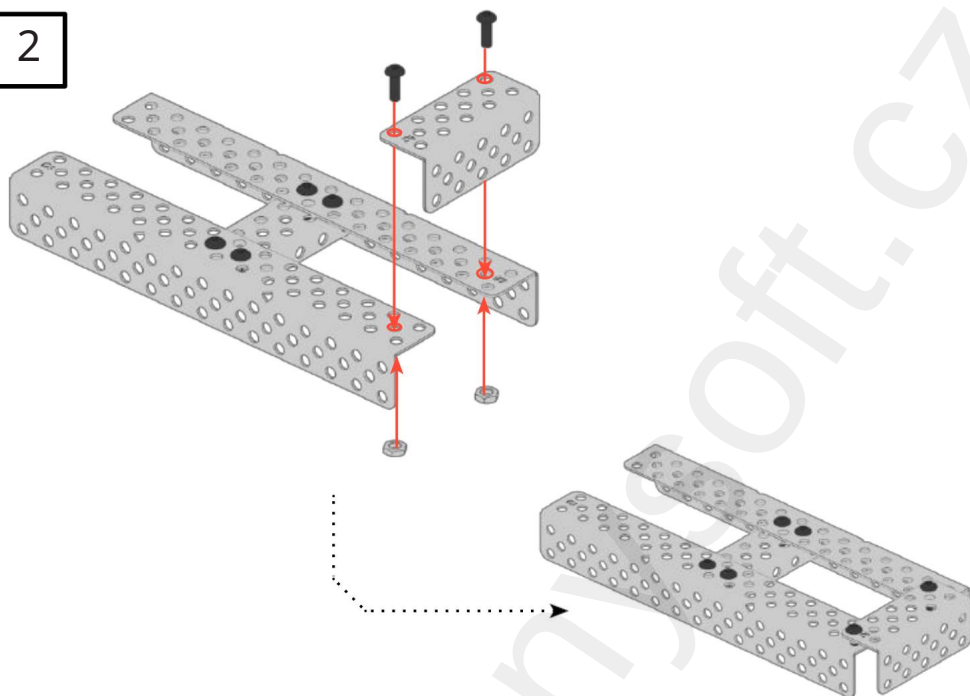


матрици x 8

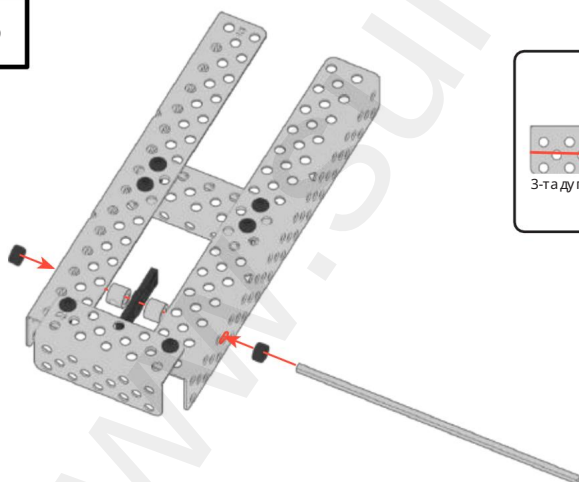
1



2



3

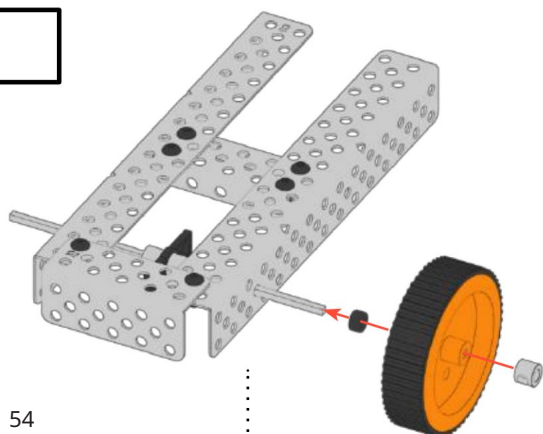


Изглед от страни

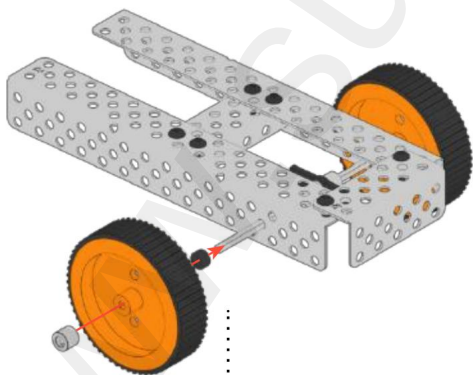
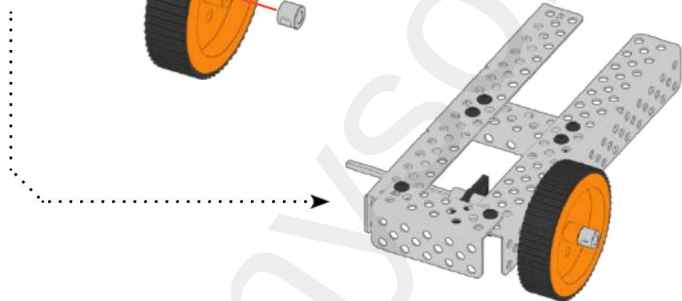


3-та дупка

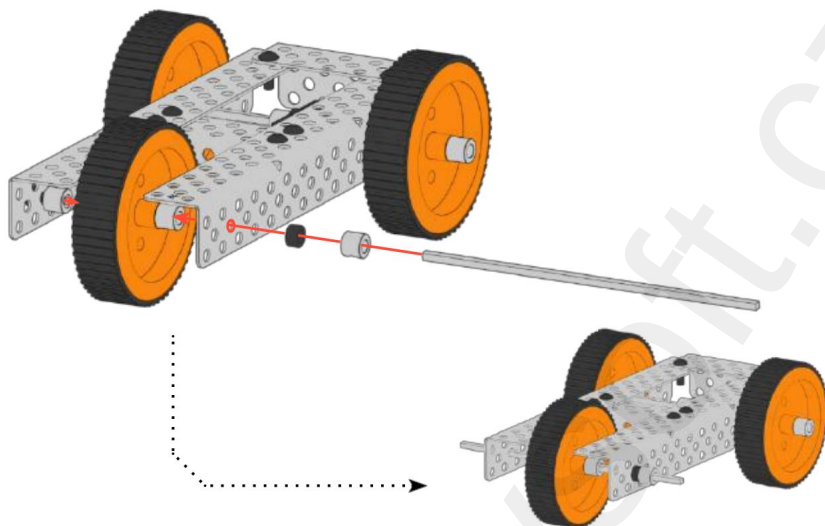
1:1 Лекарство 5.5



54

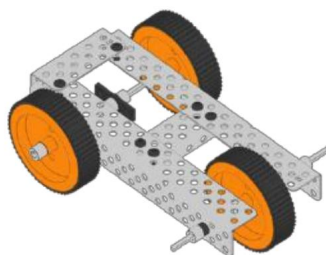
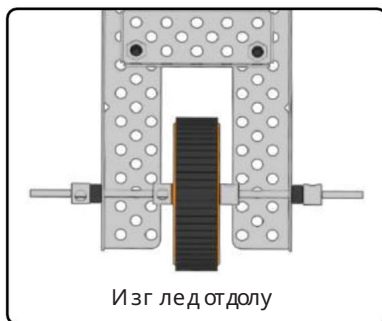
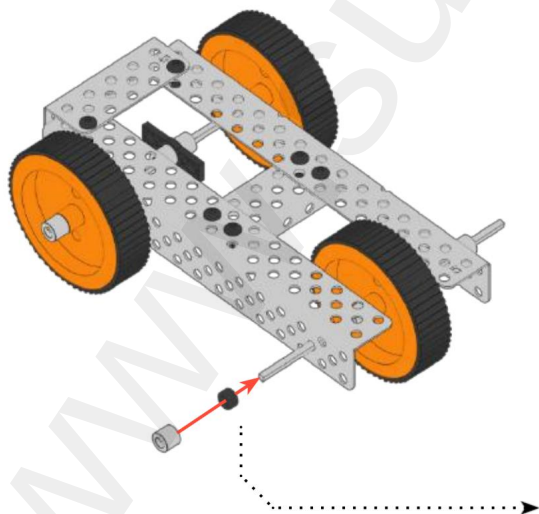


6

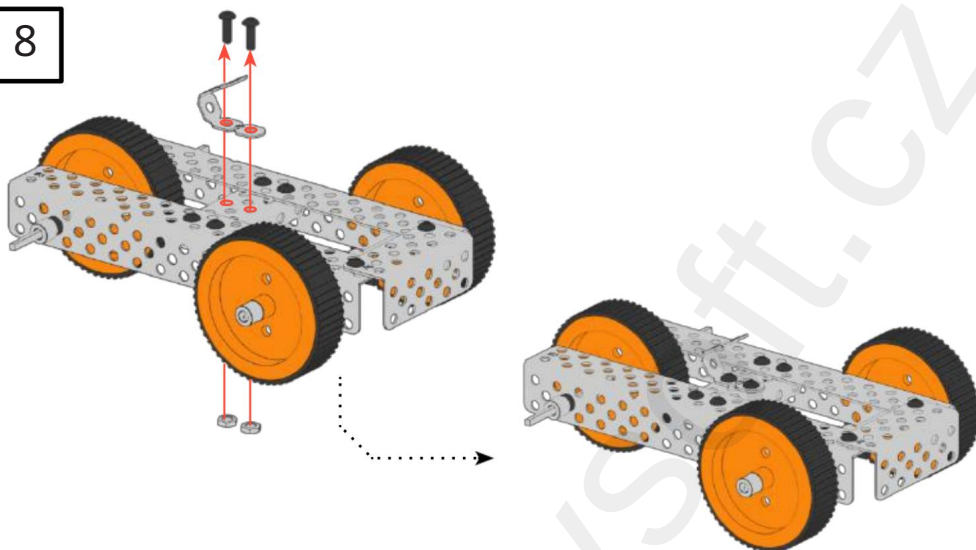


1:1 Лекарство 5.5

7



8

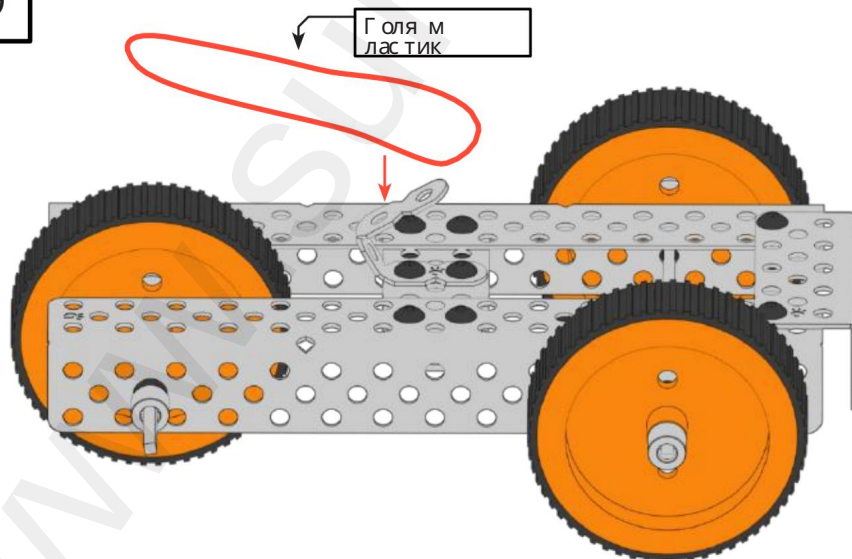


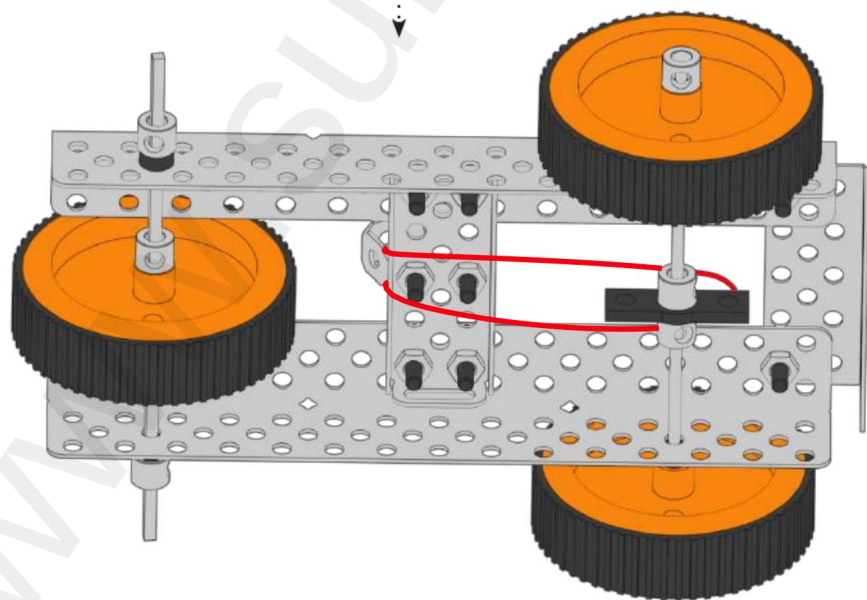
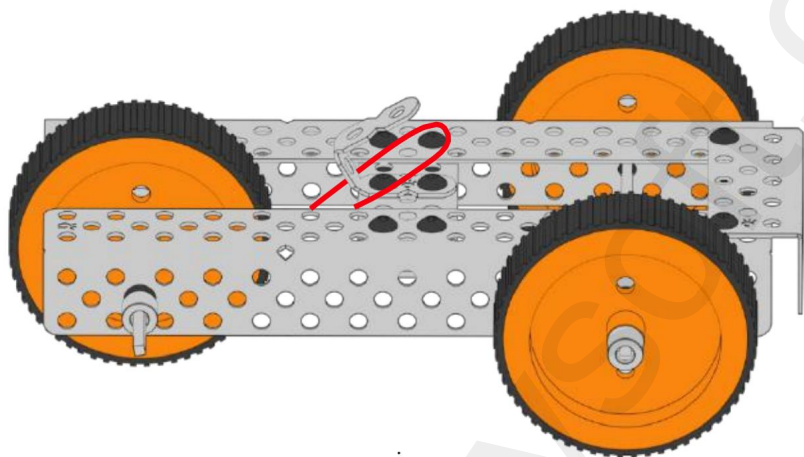
Свет за г л о б а л н а в а н е

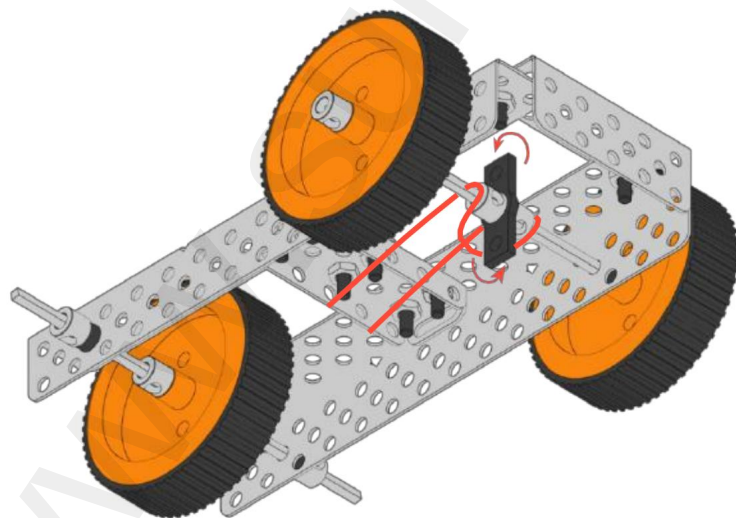
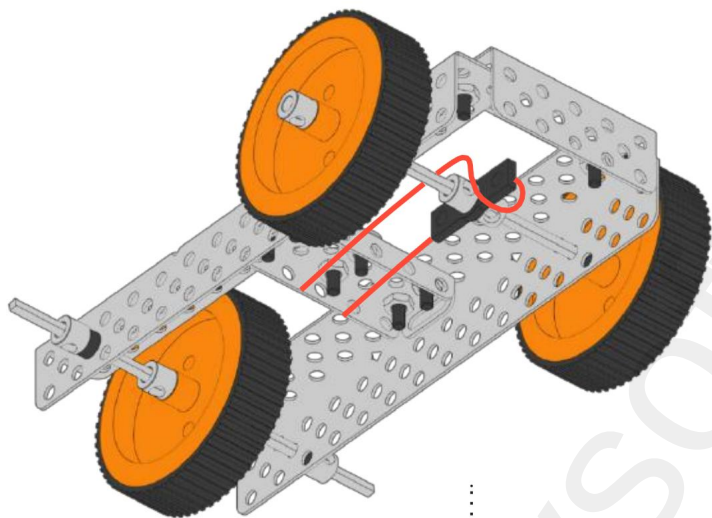
За информация относно г л о б а л н о т е н о в а н е в и ж д е и н с т р у к ц и я т е п о г о р е.



9

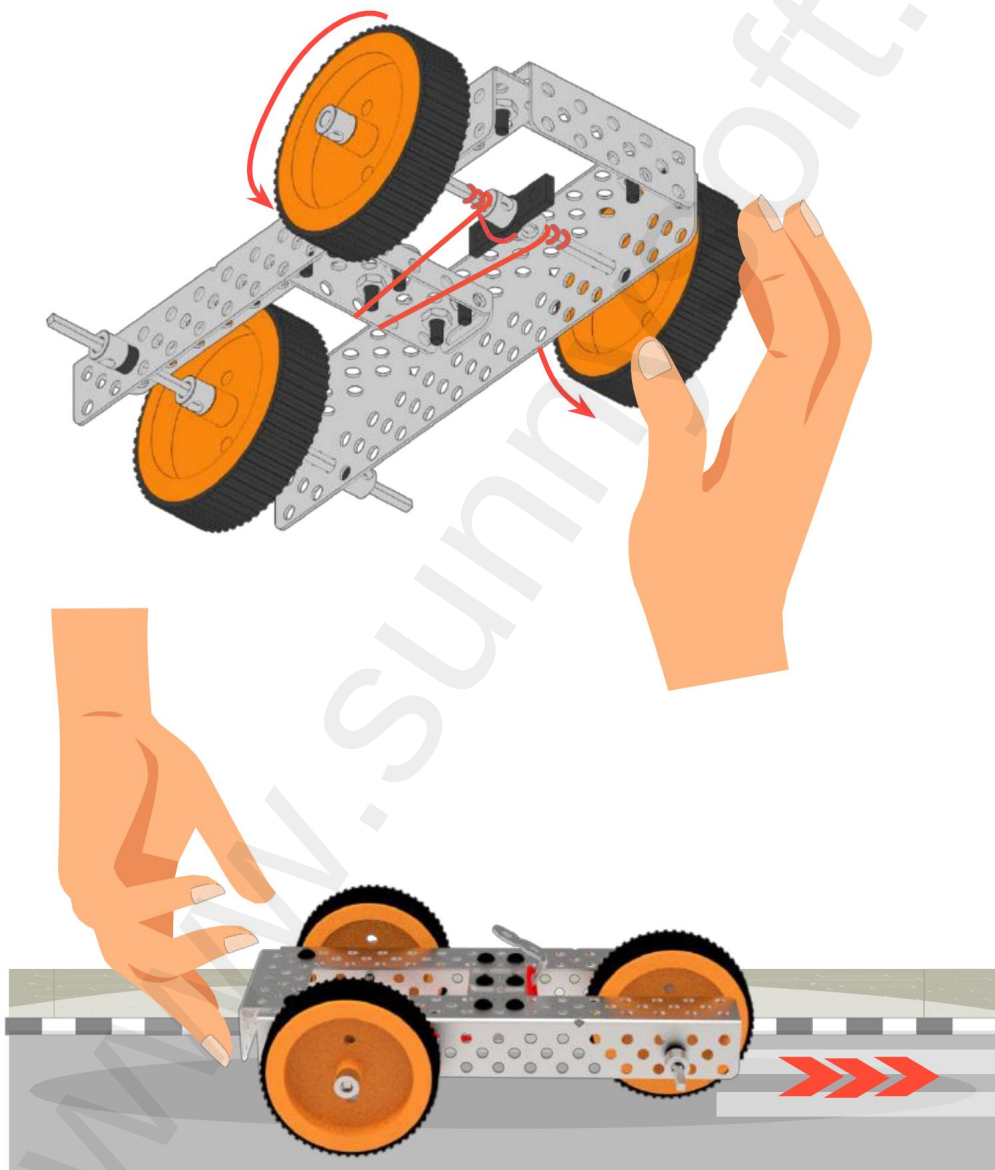




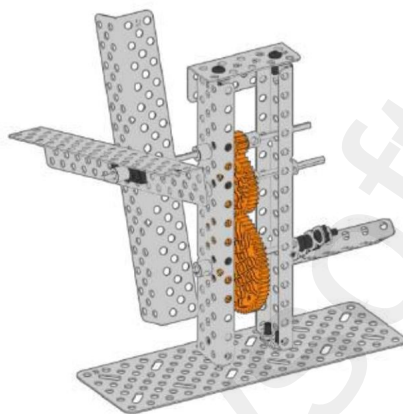


Как се играе с кола

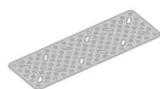
- С помощта на колелата навийте гумения колан върху задната ос.
- Завъртете колелото обратно на час овниквата с трелка.
- Хванете гумената лента и ос та и по с тавете шас и то на земя та.



Проект 2: Вентилатор



Какво ще ви трябва?



7,5"
Правъгълна
Плоча
x1



7,5"
L канал
x2



7,5"
U-образна г-реда
x2



2,5"
L канал
x1



2,5"
Малък Fl еки
x1



2,5"
U-образна г-реда
x1



птомби
x11



Блок иреханас та
x 10



Съединители с
3 дупки x 2



5,5"
ос x 1



3,5"
корекция
x2



Голям
цилиндрично зъбно колело
велосипед x 1



Средна фронтална
зъбно колело
x1



Малко
цилиндрично зъбно колело
x1

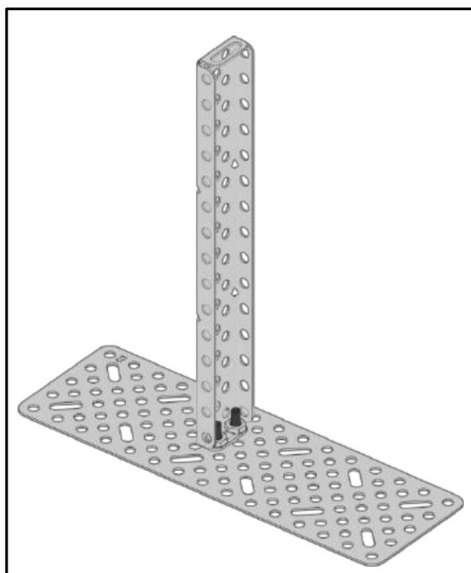
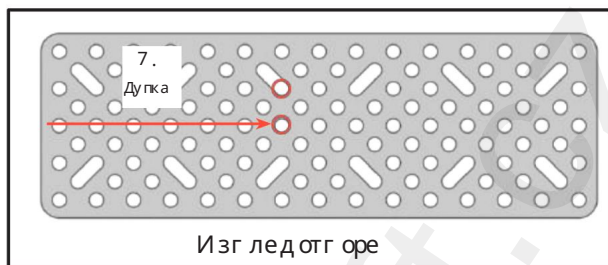
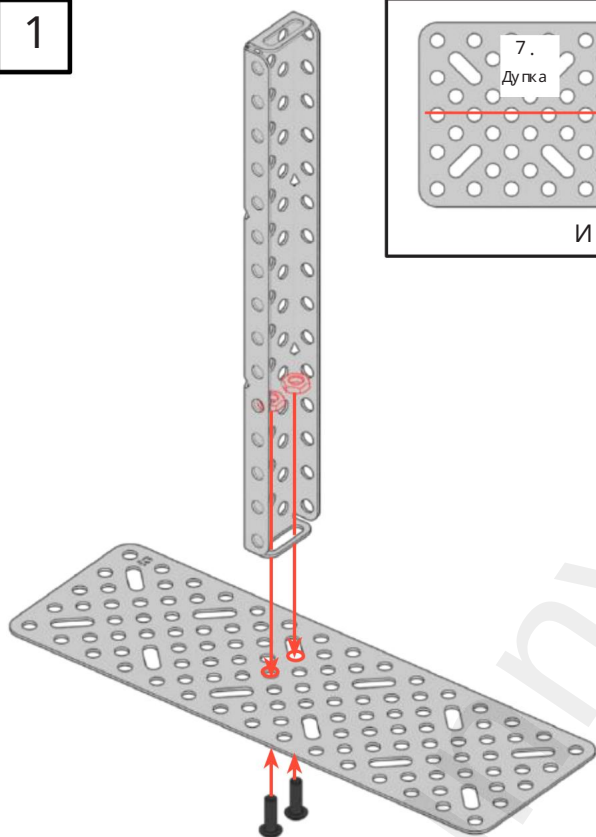


12 мм винтове
x14

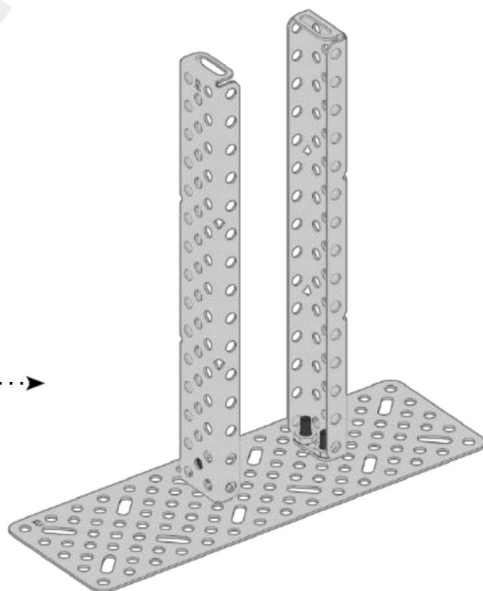
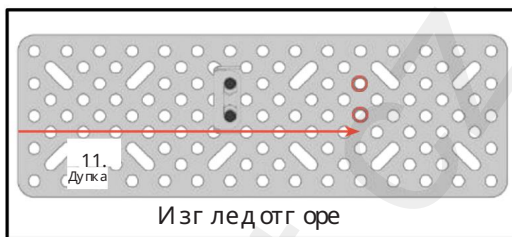
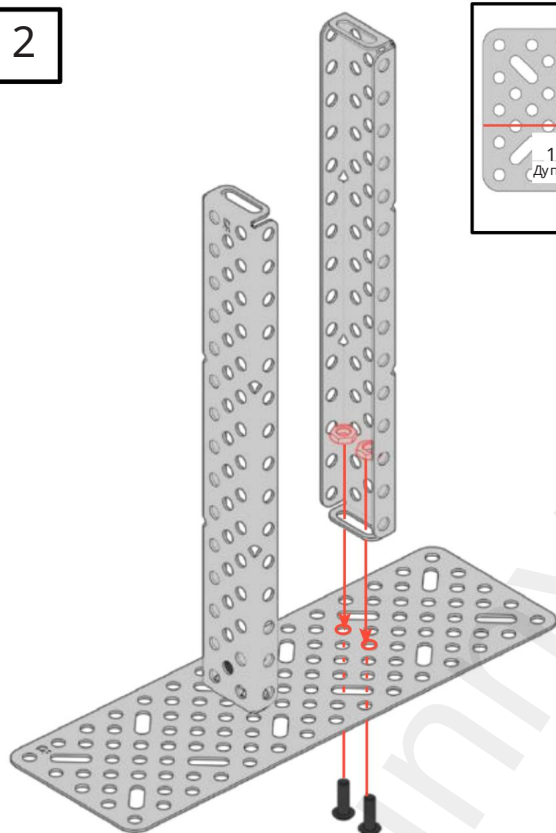


гайка
x14

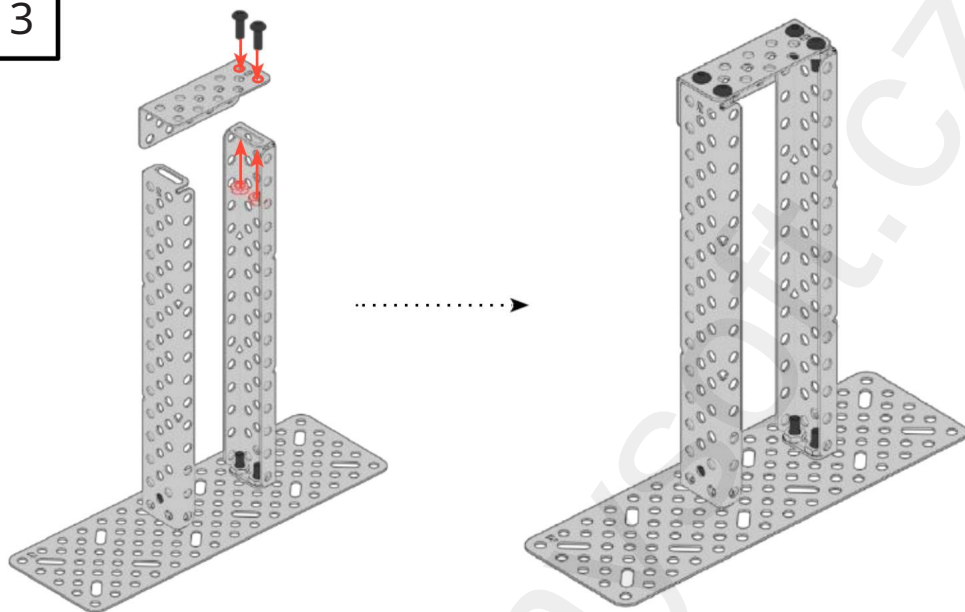
1



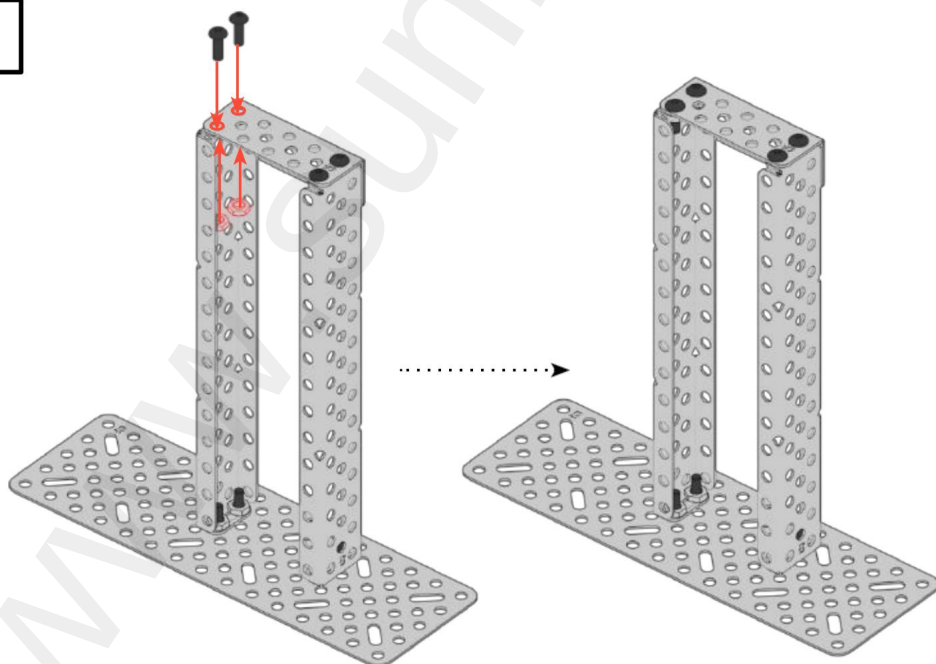
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3

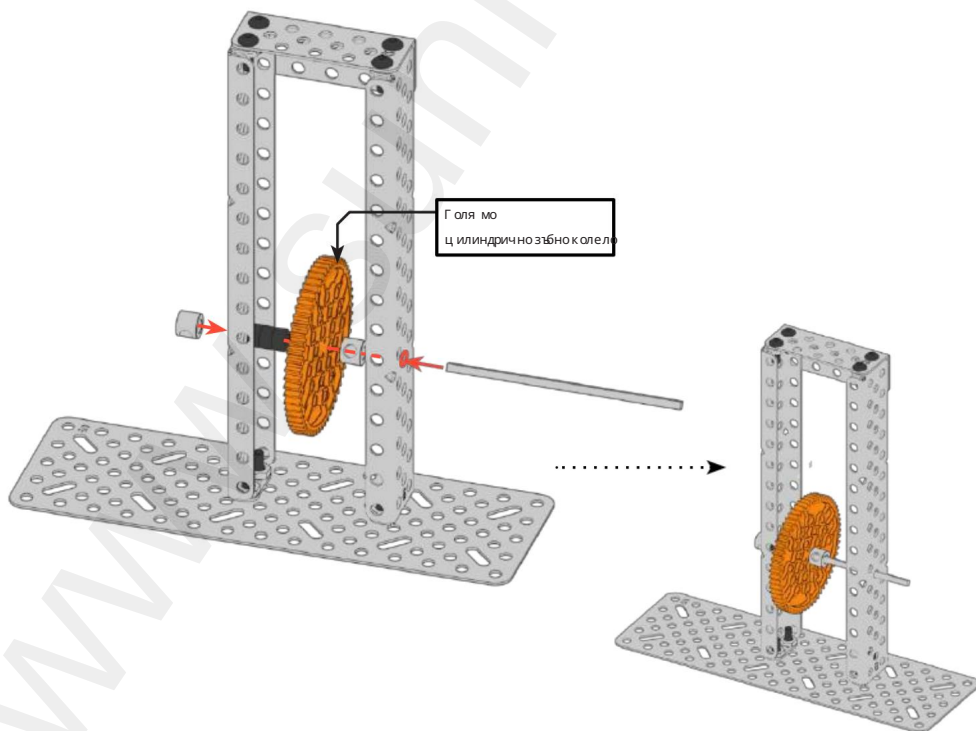
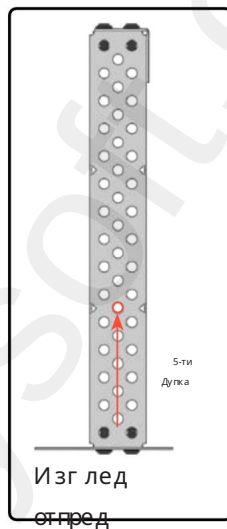
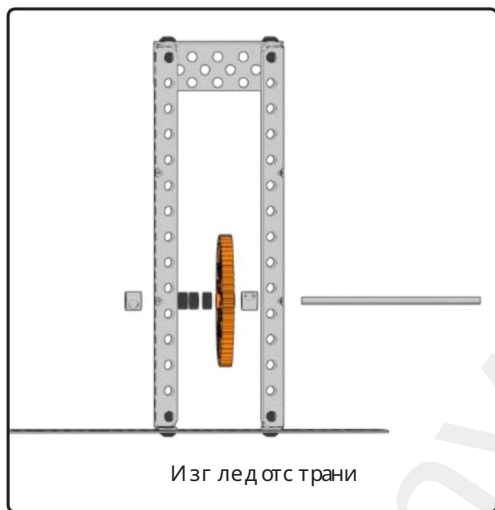


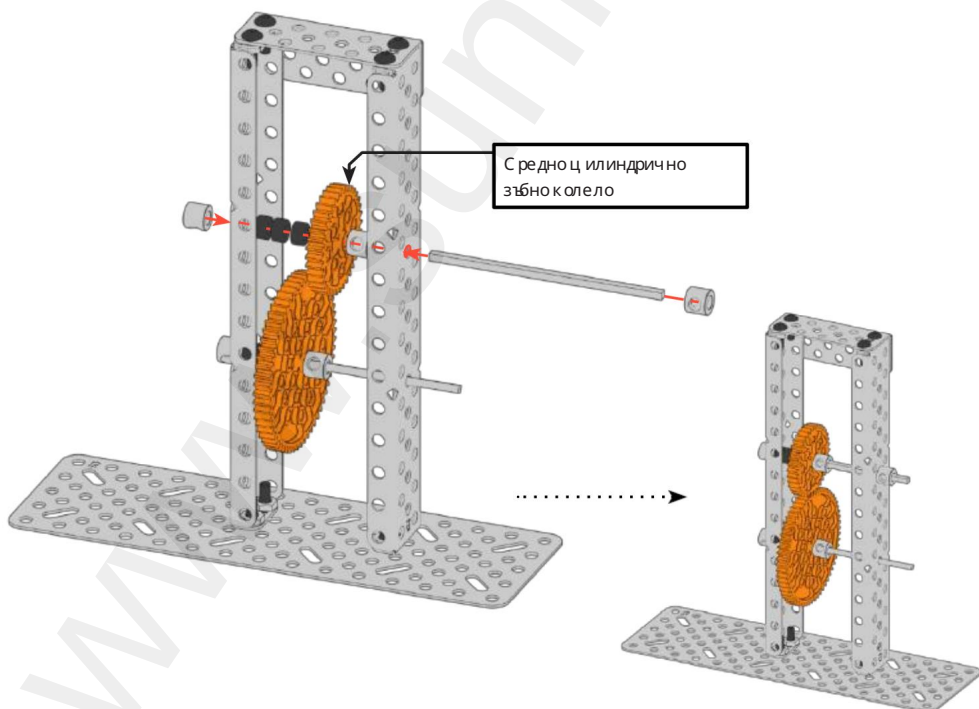
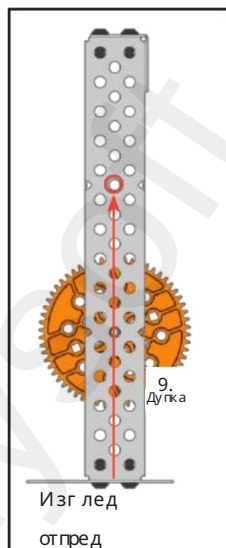
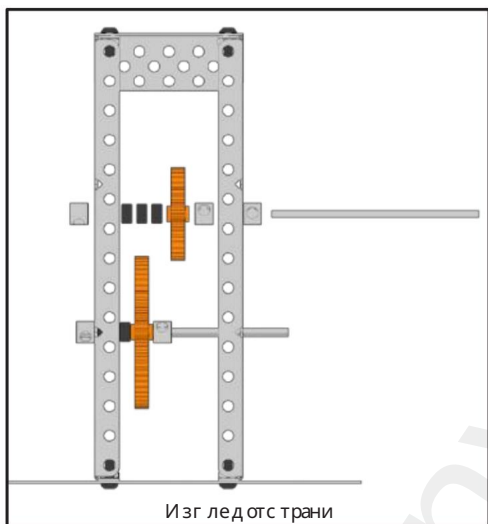
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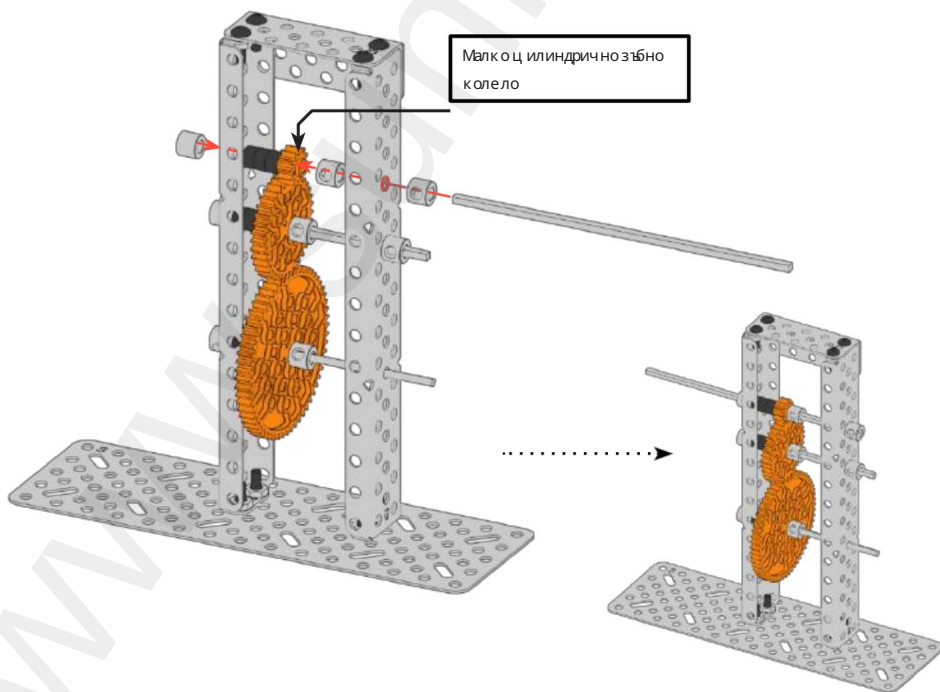
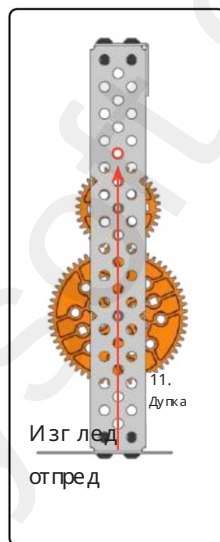
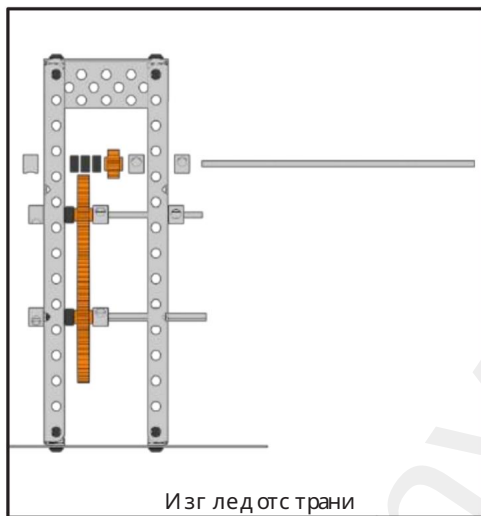
5

1:1 Лек арс тво 3.5

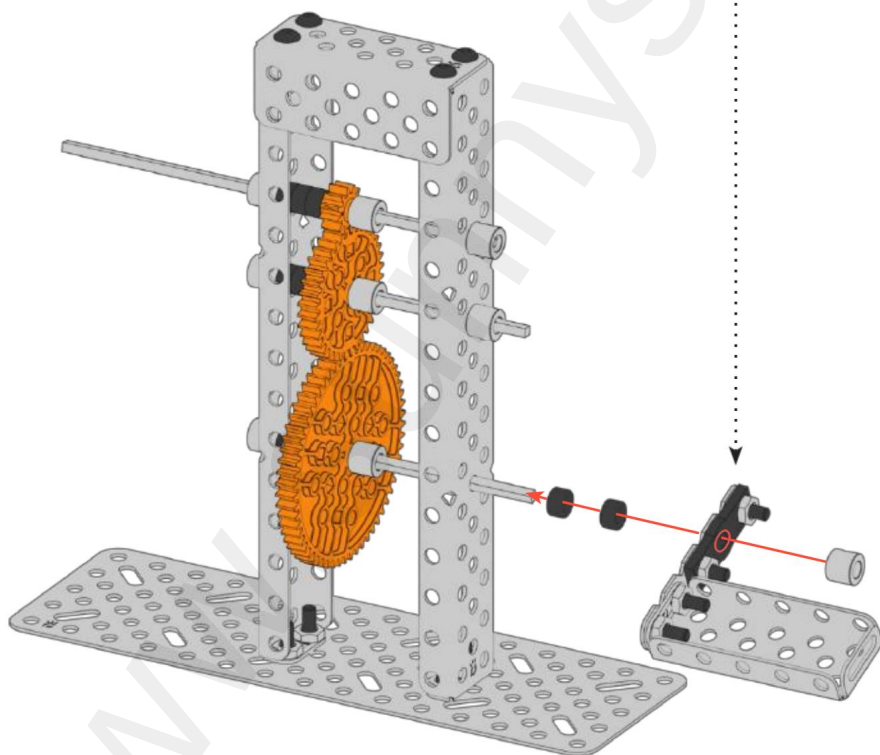
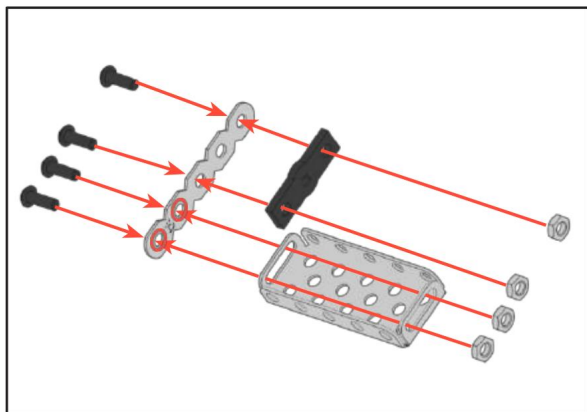




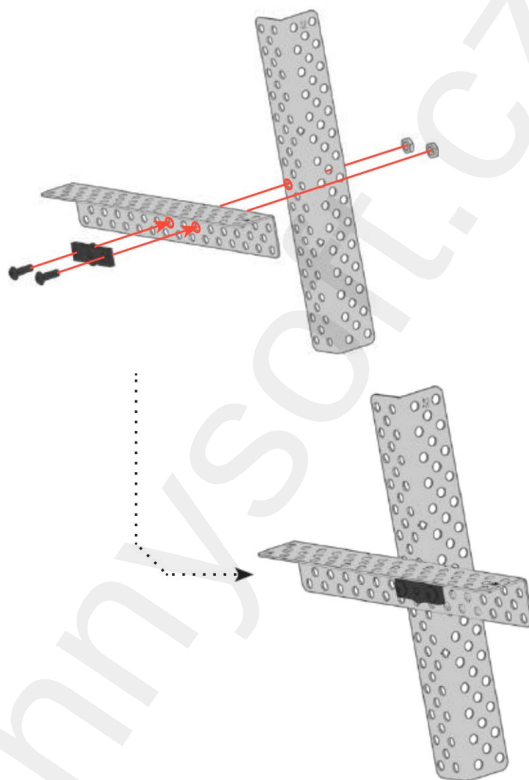
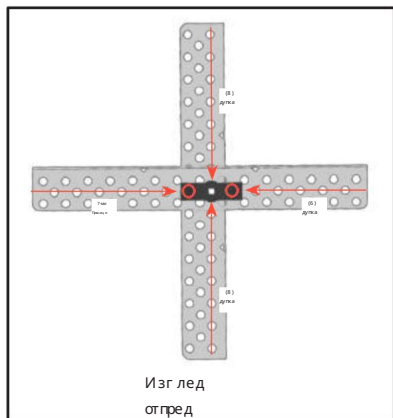
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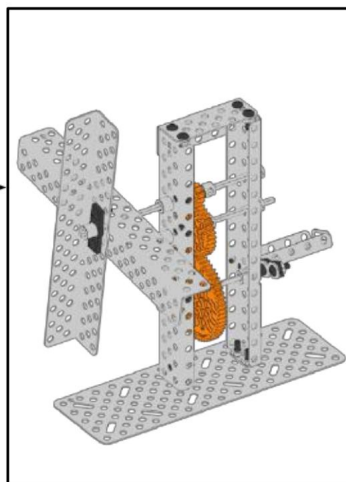
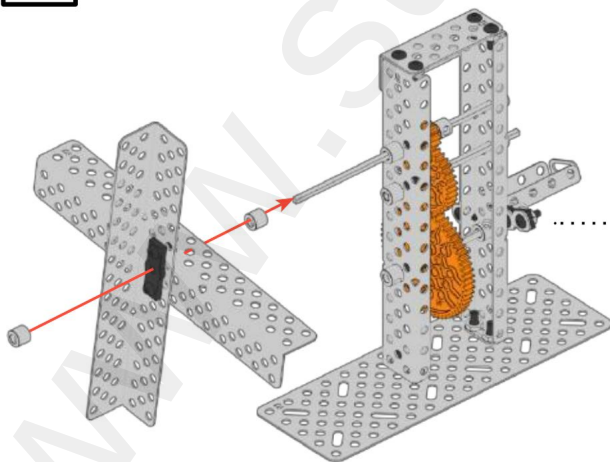
8



9

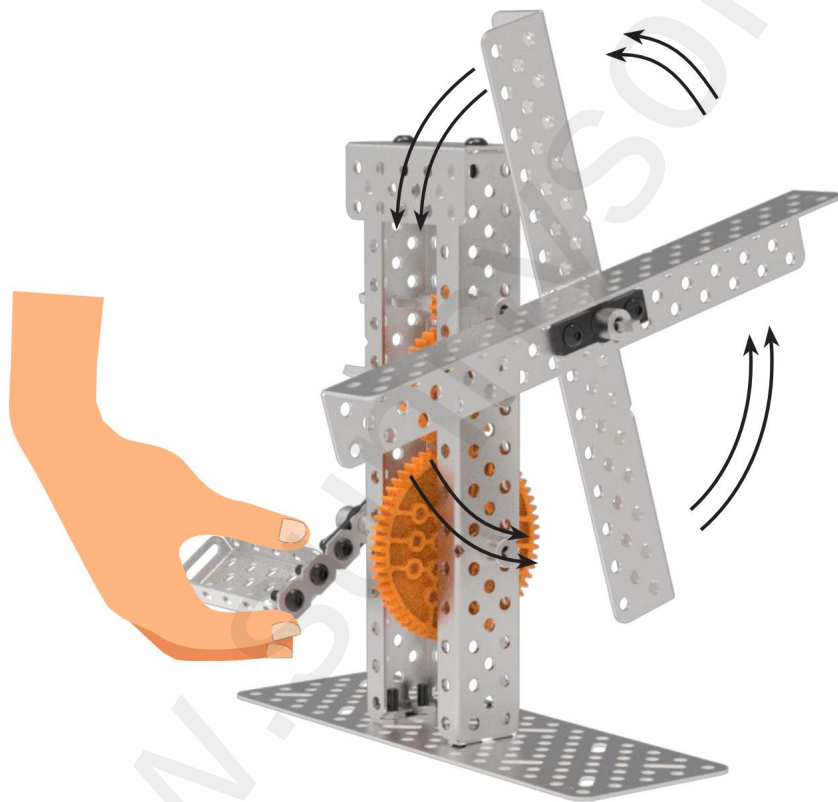


10

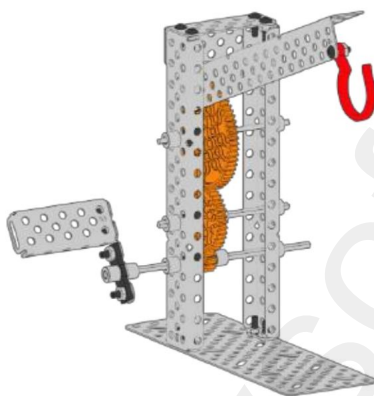


Как се играе с вентилатор

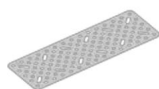
- Използвайте лоста/дръжката, за да завъртите вентилатора.



Проект 3: Кран



Какво ще ви трябва?



7,5"
Правя линия чиния x 1 бр



7,5"
L -канал x1



7,5"
U-образна г реда
x2



2,5"
L -канал x1



2,5"
Малък Fl oxi x1



2,5"
U-образна г реда
x1



5,5" ос x1



3,5"
ос x2



Конектори с
3 отвора x1



Голямо
цилиндрично зъбно колело x1



Средно цилиндрично
зъбно колело x1



Малко
цилиндрично зъбно колело x1



Блок иривана ос та
x11



Пънчели
x 9



Ядки
x 15

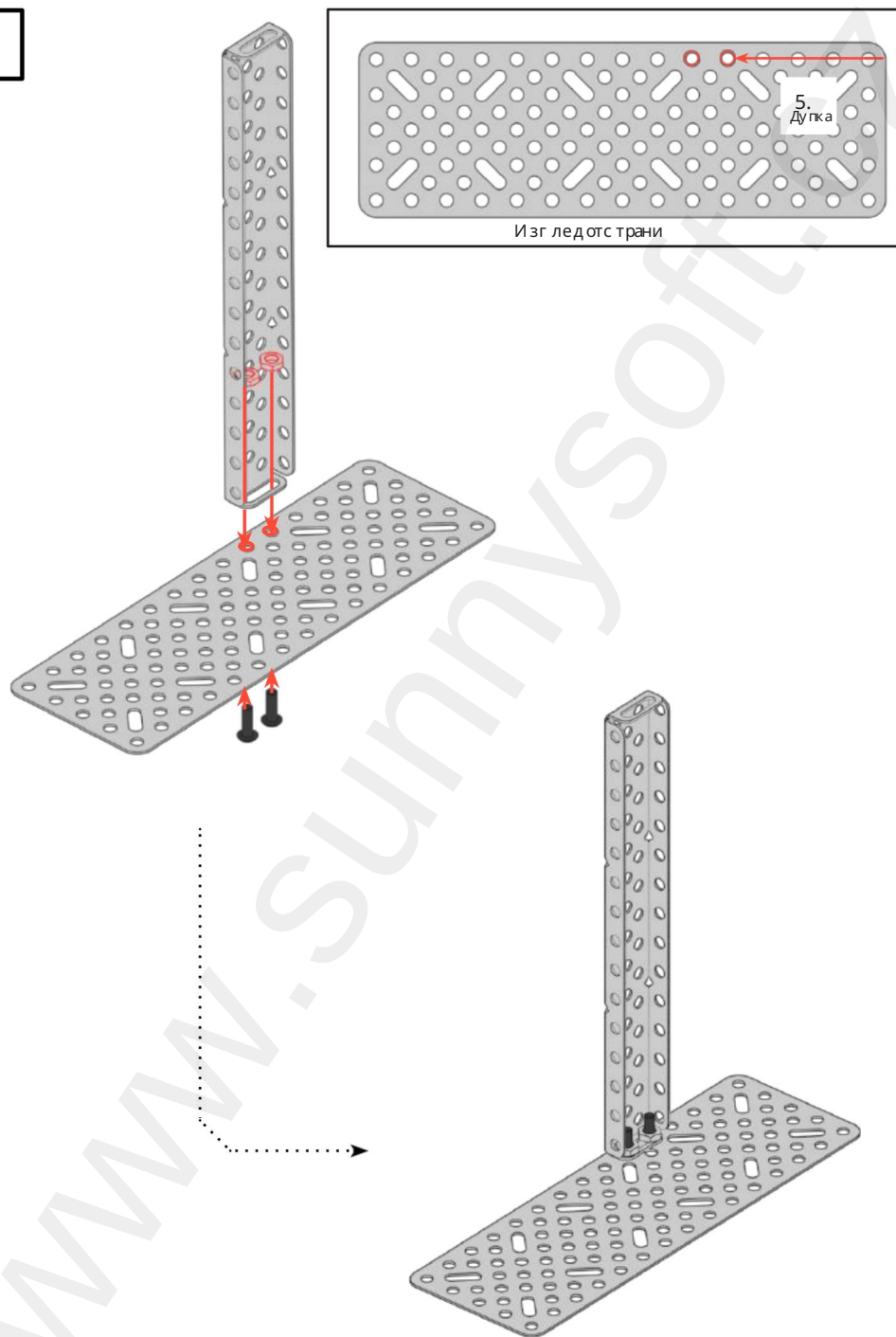


12 мм винтове
x15

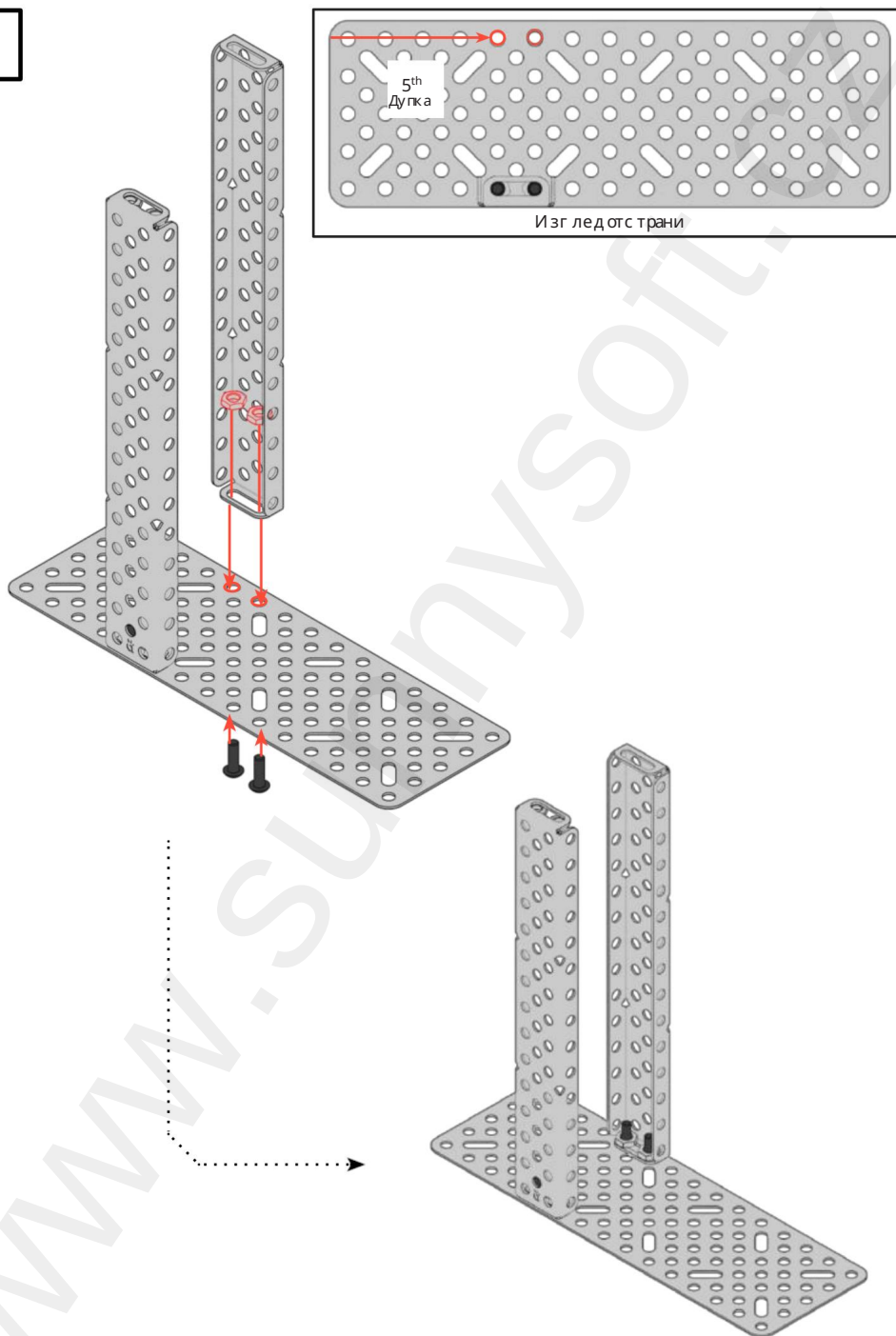


Пласмасова кука x 1
бр

1

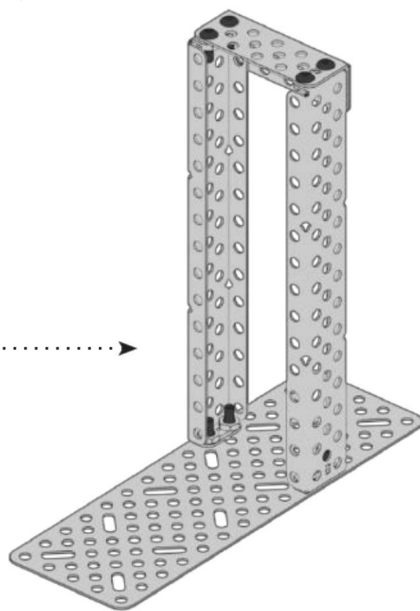
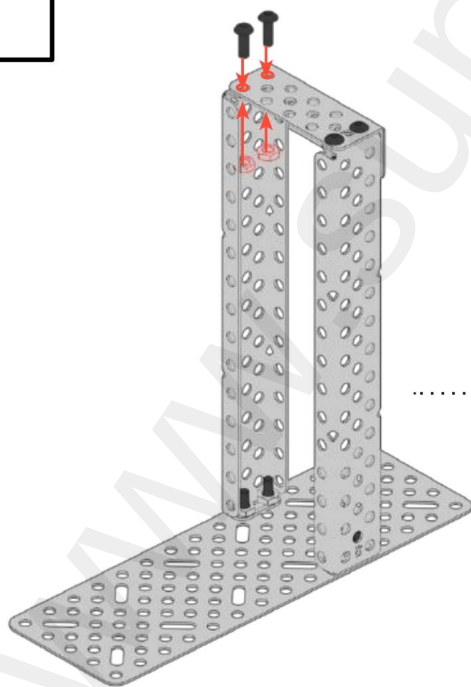
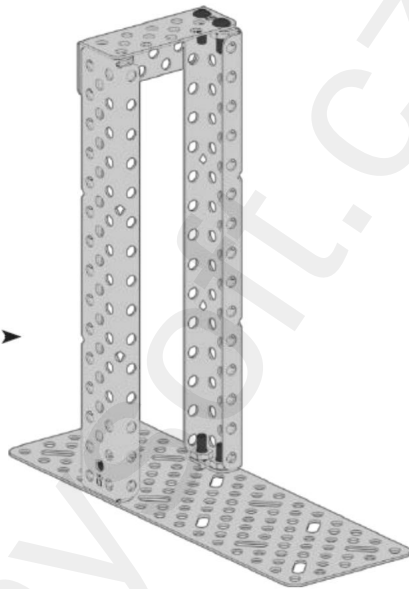
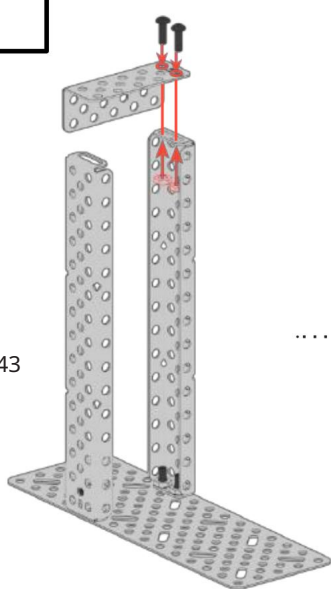


2

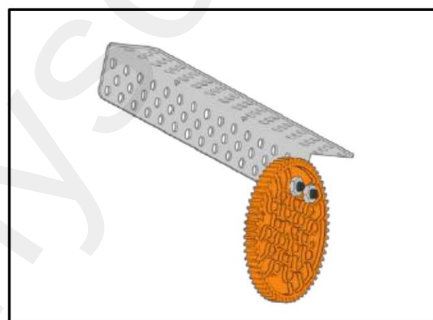
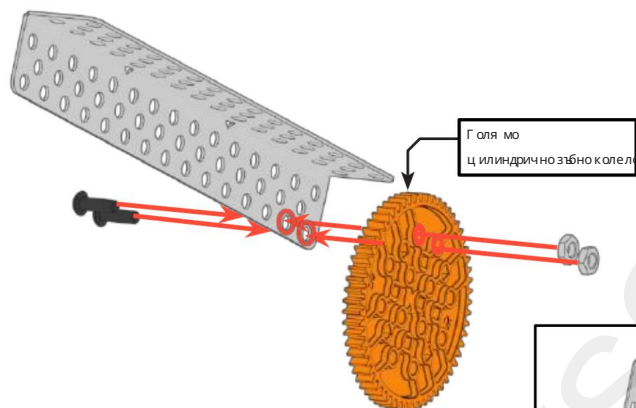




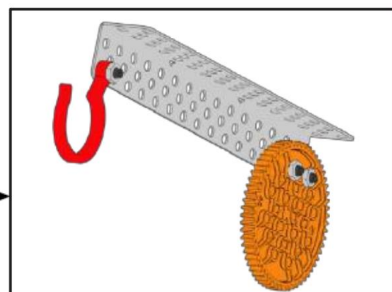
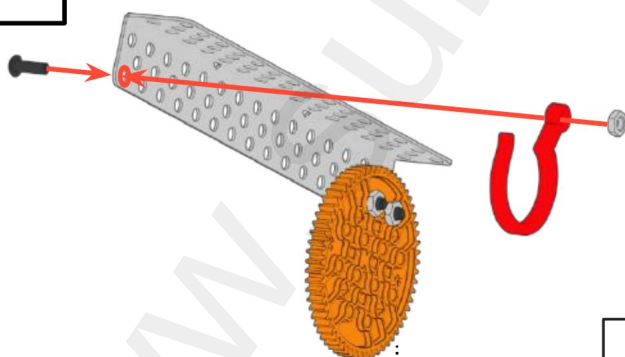
43

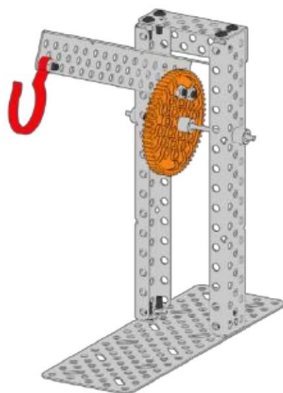
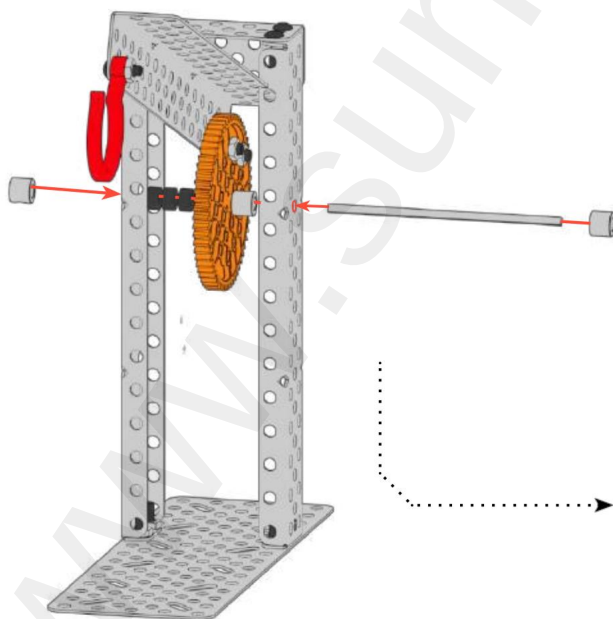
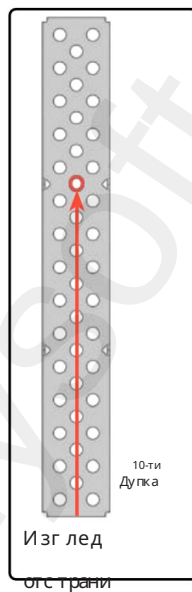
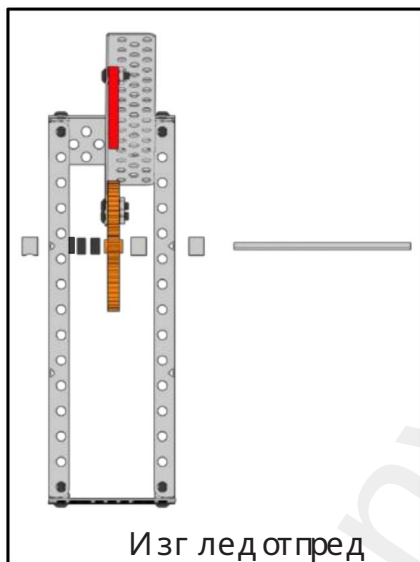


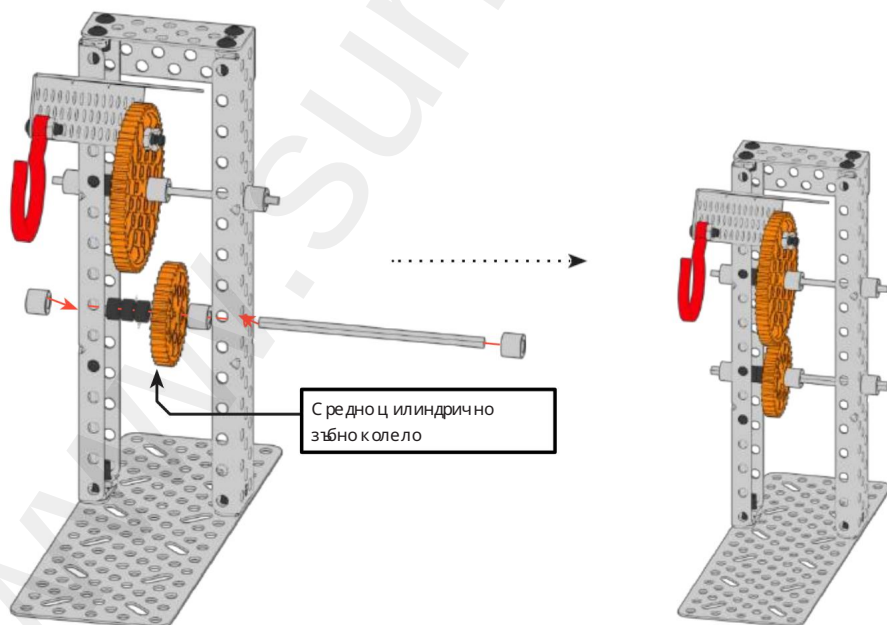
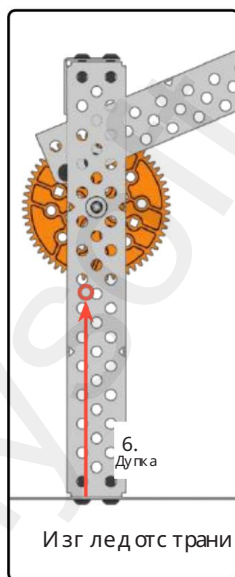
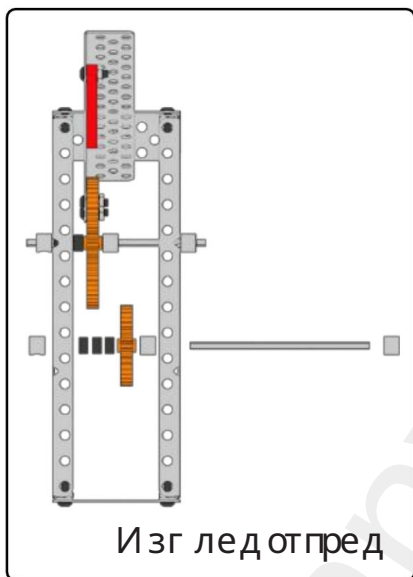
5



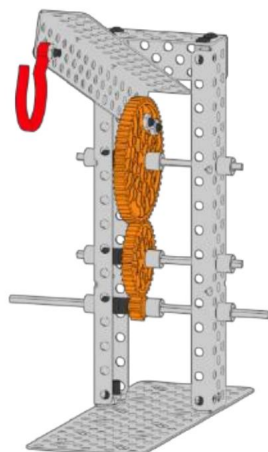
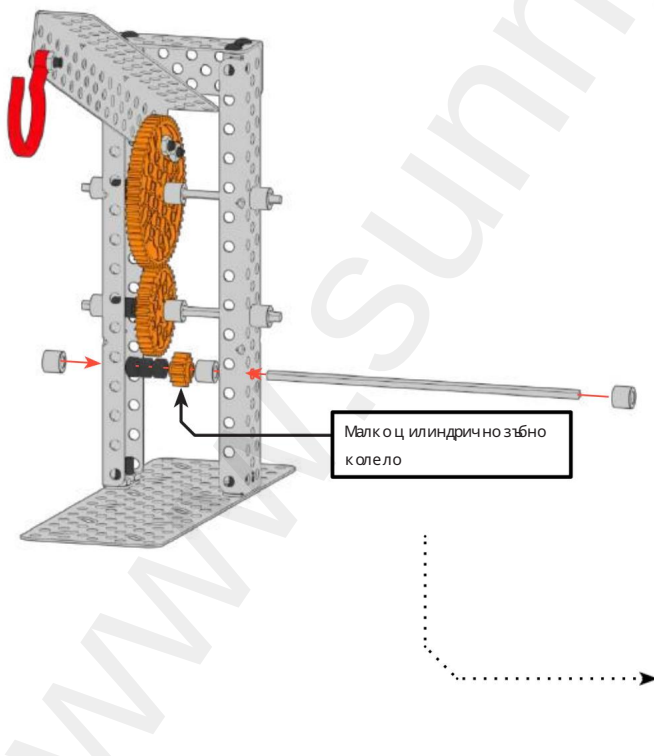
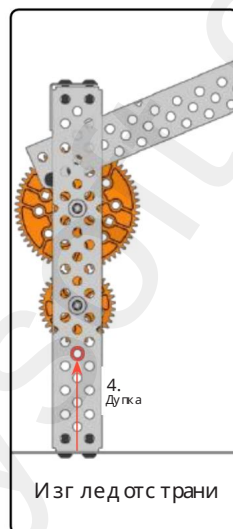
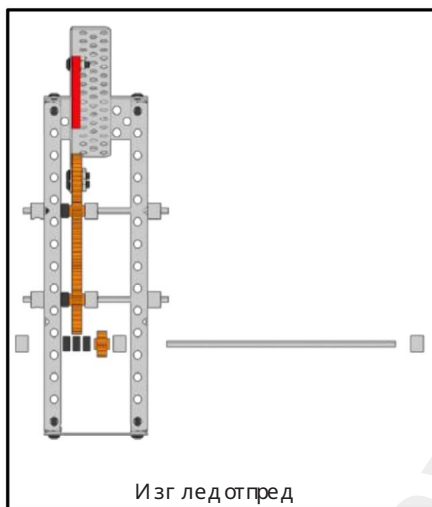
6



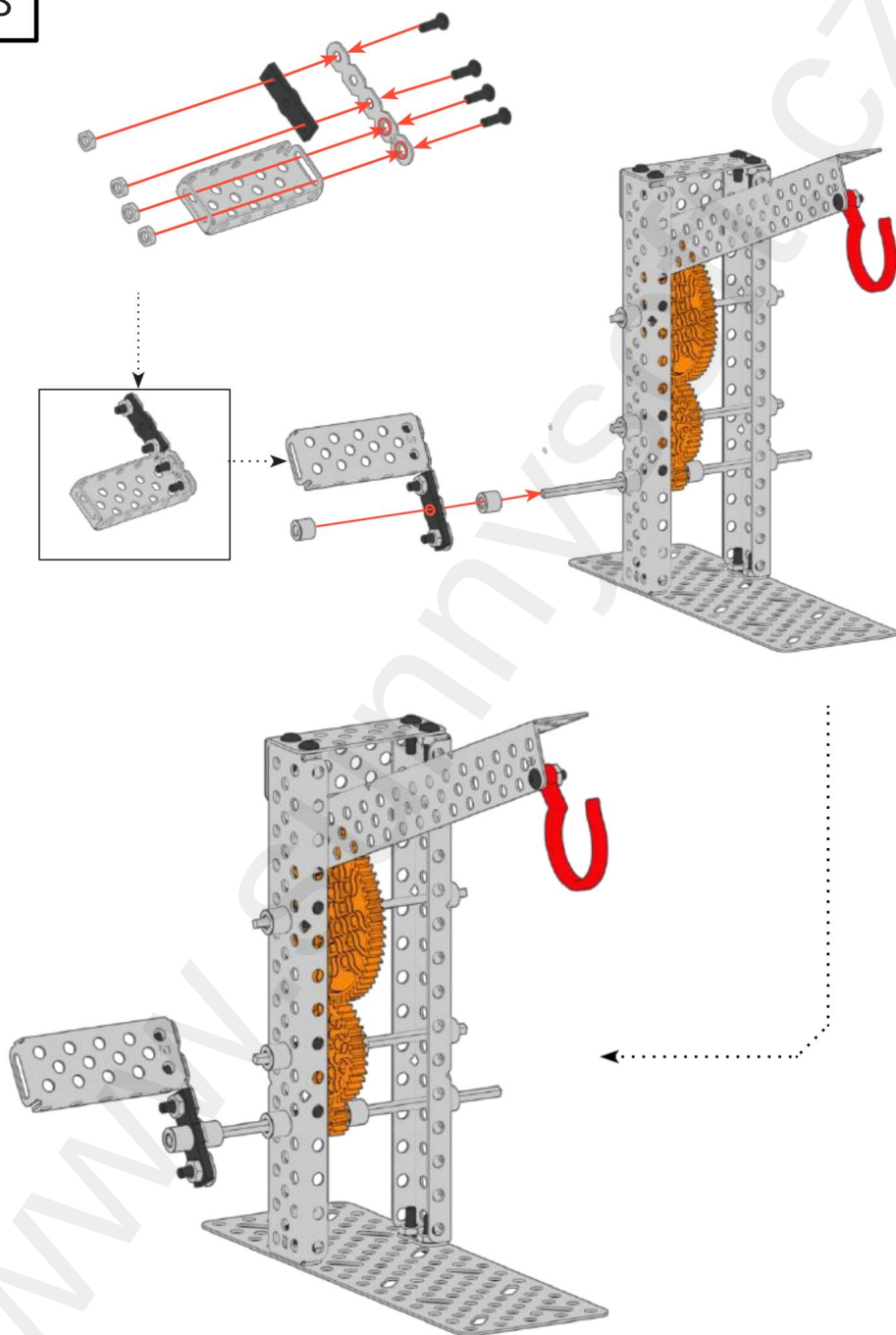




9

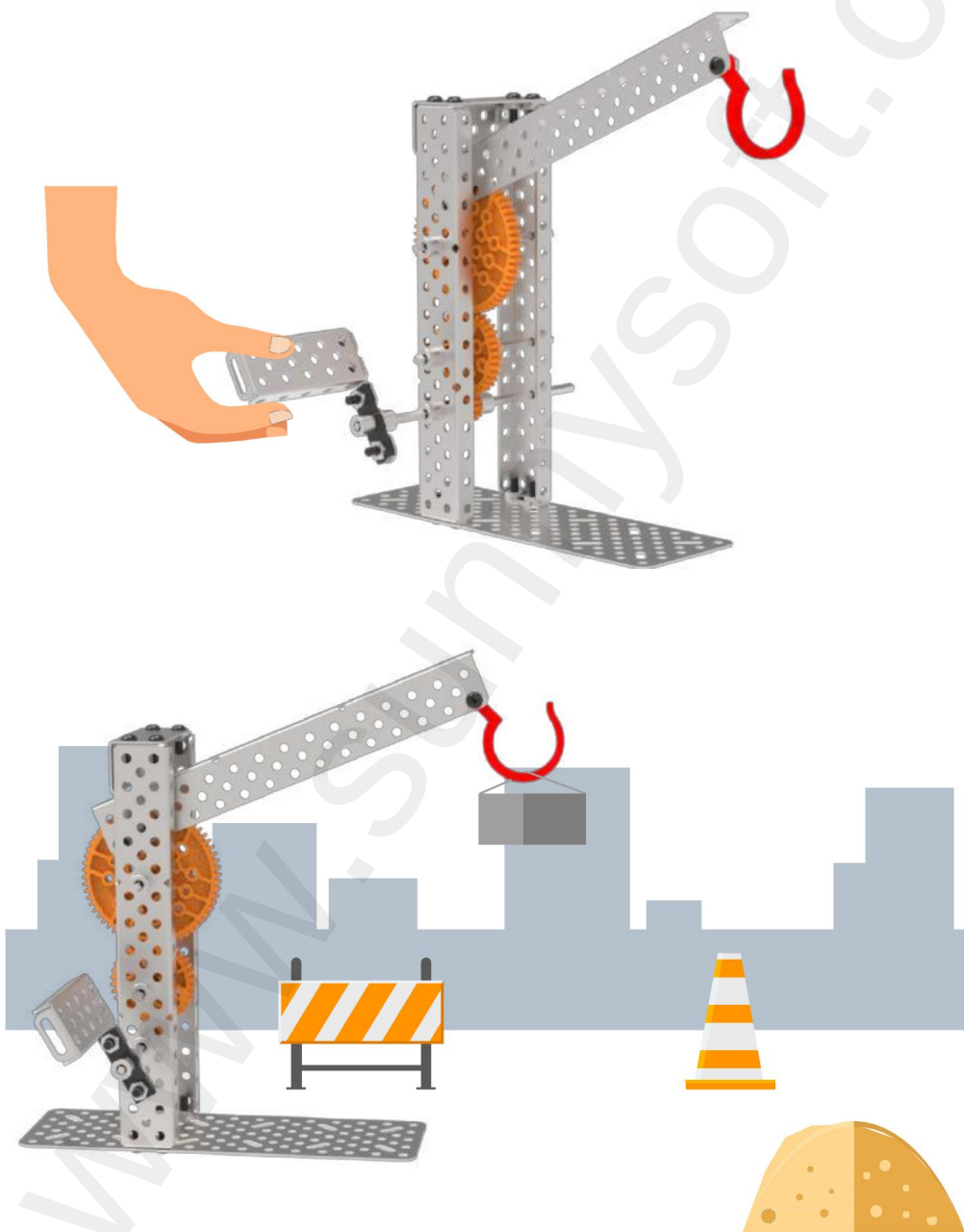


8

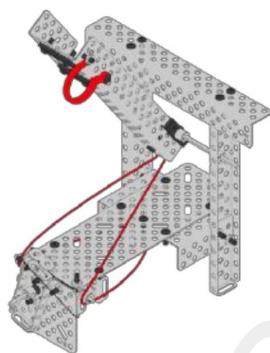


Как се играе с кран

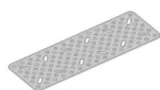
- Завъртете лоста/дръжката, за да повдигнете предмета и крана.



Проект 4: Катапулт



Какво ще ви трябва?



7,5"
Правоъгълна
чиния
x 1 бр



7,5"
Канал L
x2



7,5"
U-образна г-реда
x2



2,5"
Канал L
x3



2,5"
Флекс
x1



2,5"
U-образна г-реда
x3



Пинчежи x 1



Блокировка на оста
x9



Съединители с
3 дупки x 5



5,5"
ос x 1



3,5"
ос x2



2,5"
L-канал x1



12 мм винтове
x31



г-айка
x31



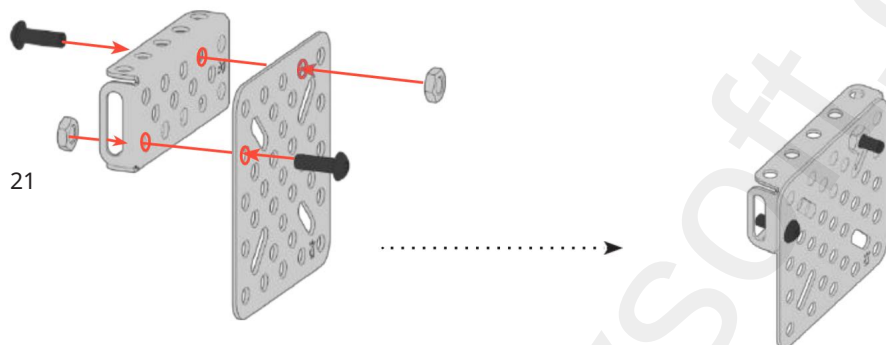
Платмасова кука
x1



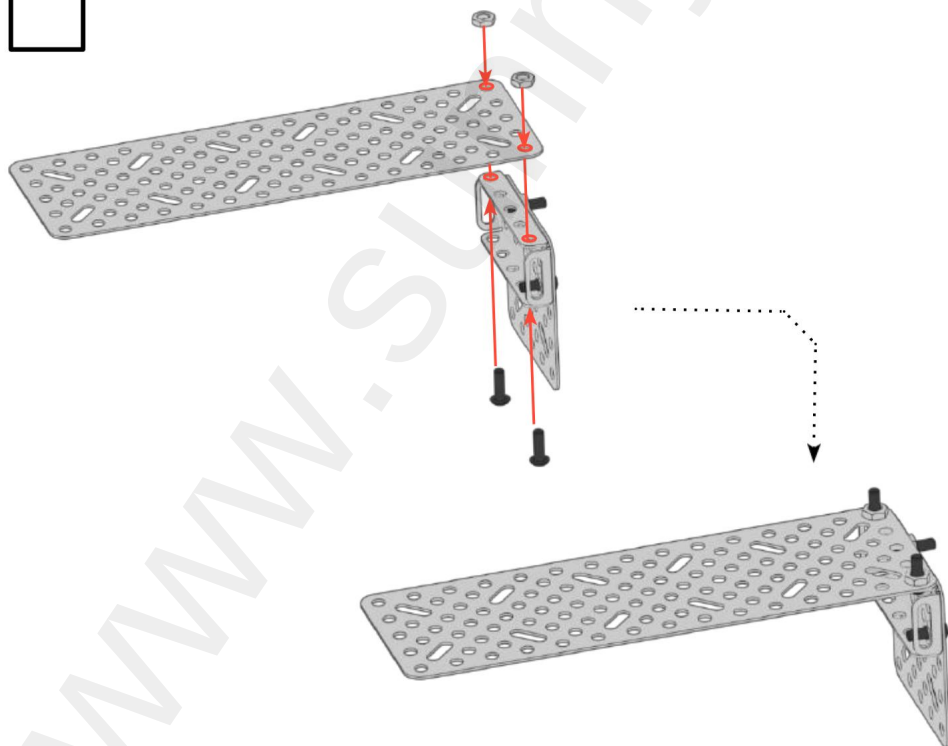
Големата гума
лента
x1



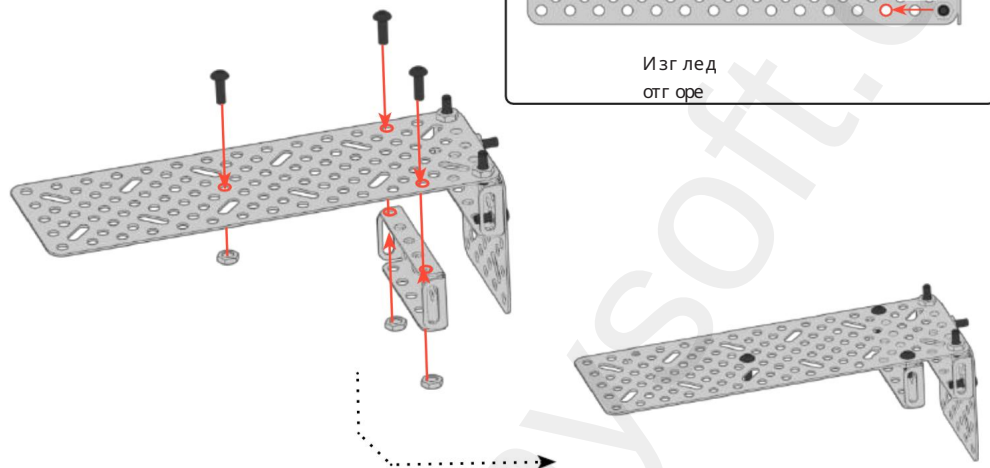
Малката гума
лента
x1



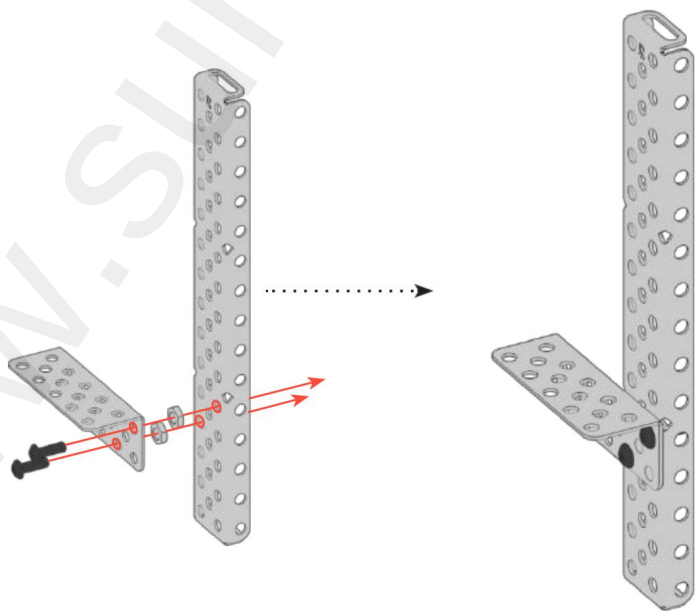
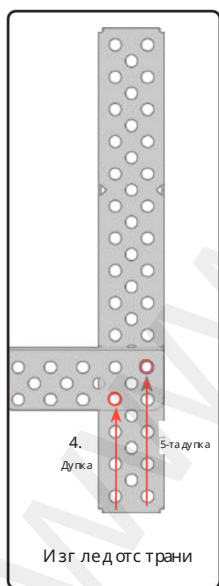
21



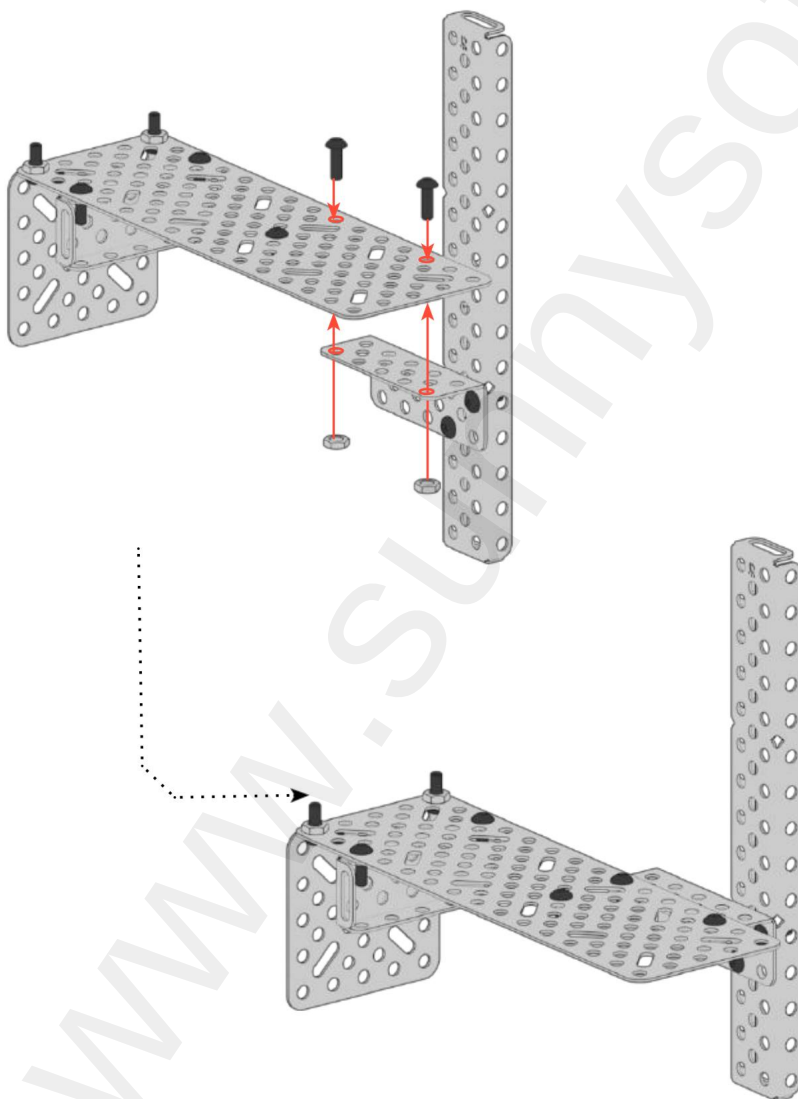
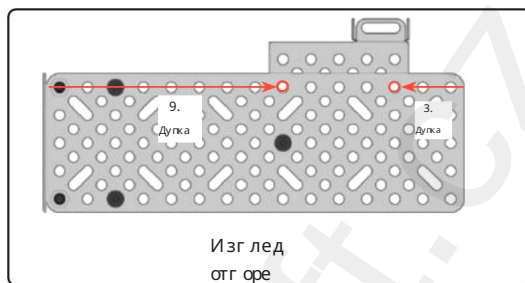
3



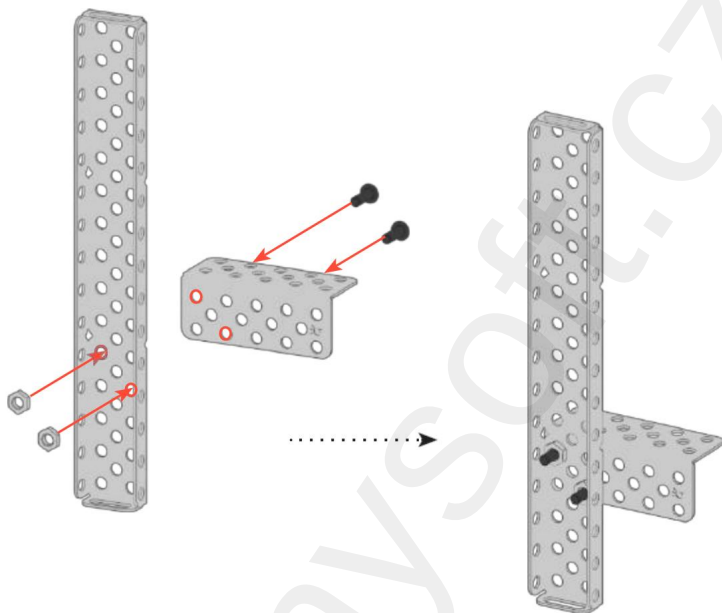
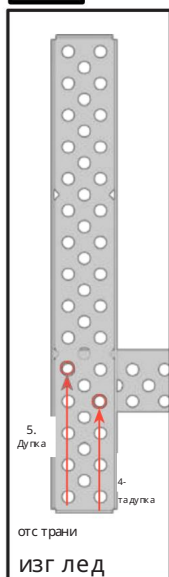
4



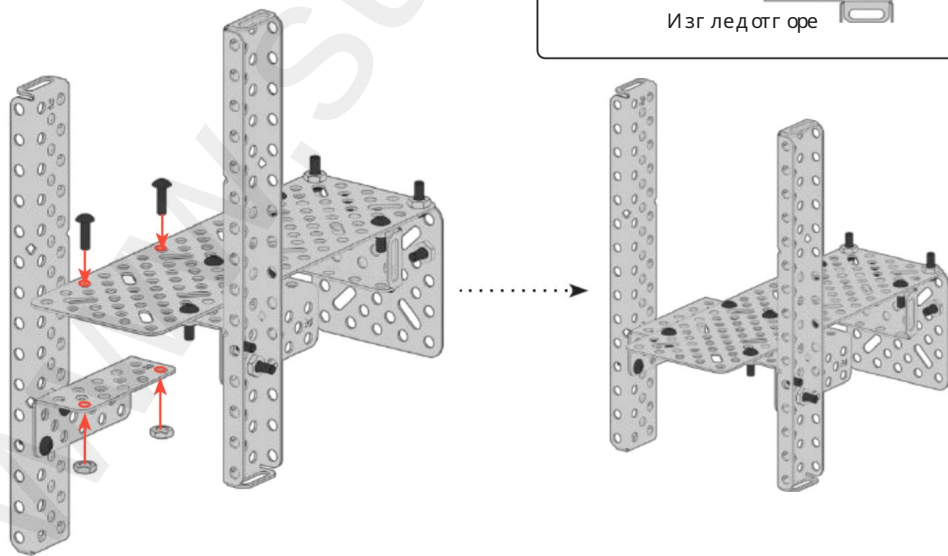
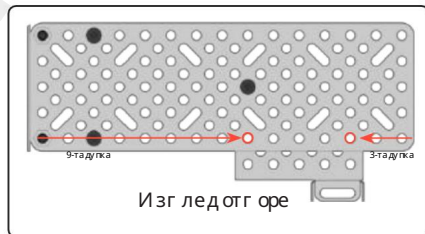
5



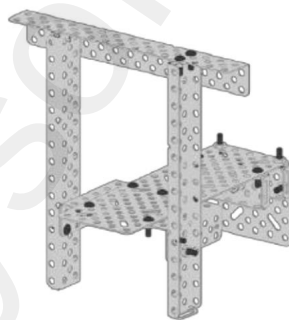
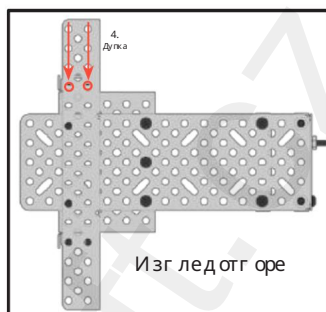
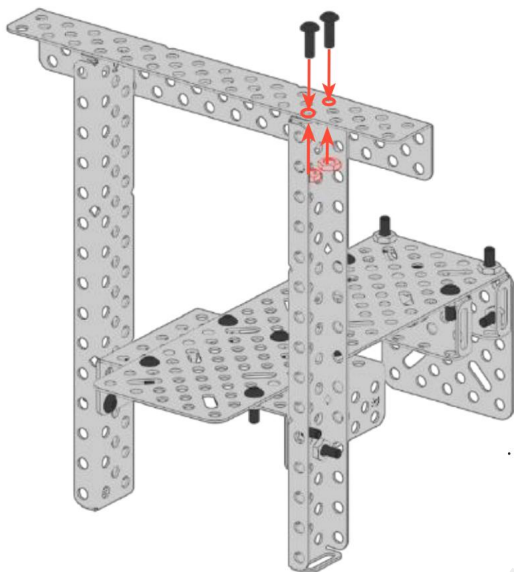
6



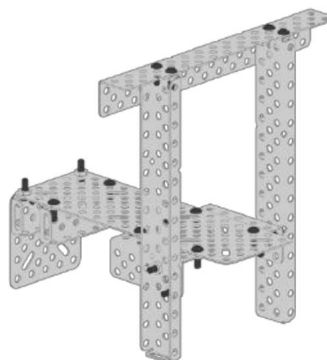
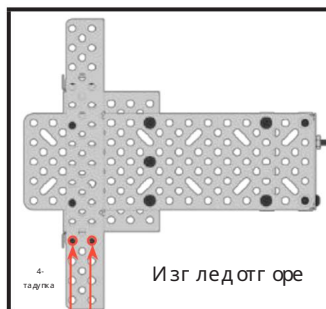
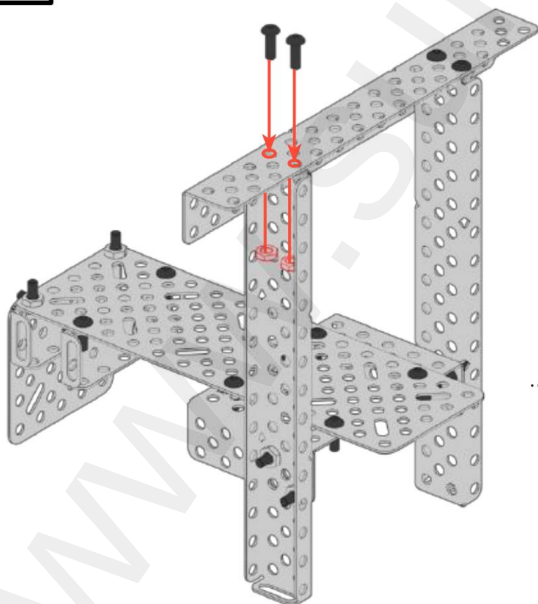
7



8

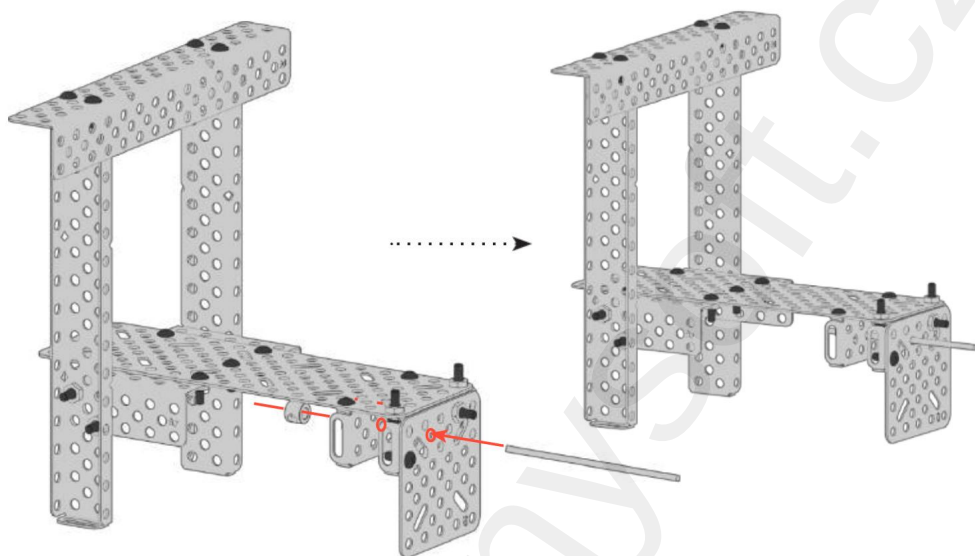


9



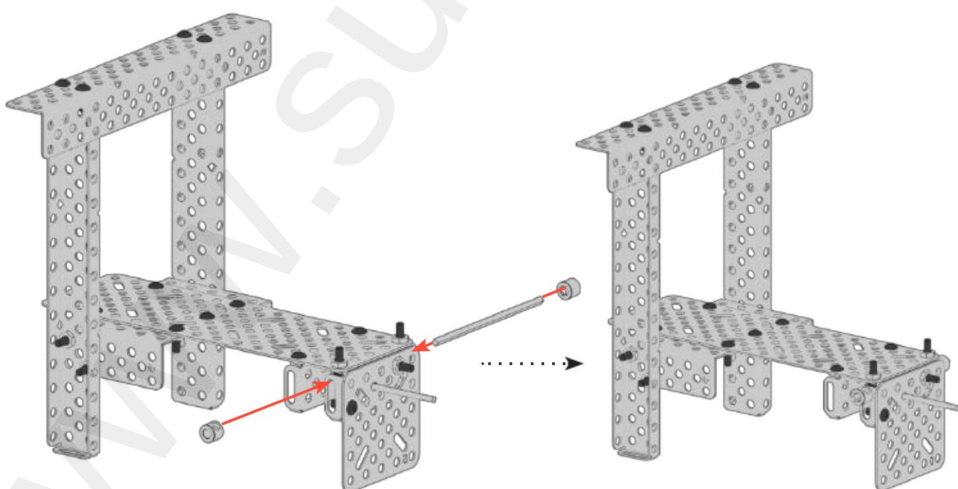
10

Лекарство 1:1 3.5

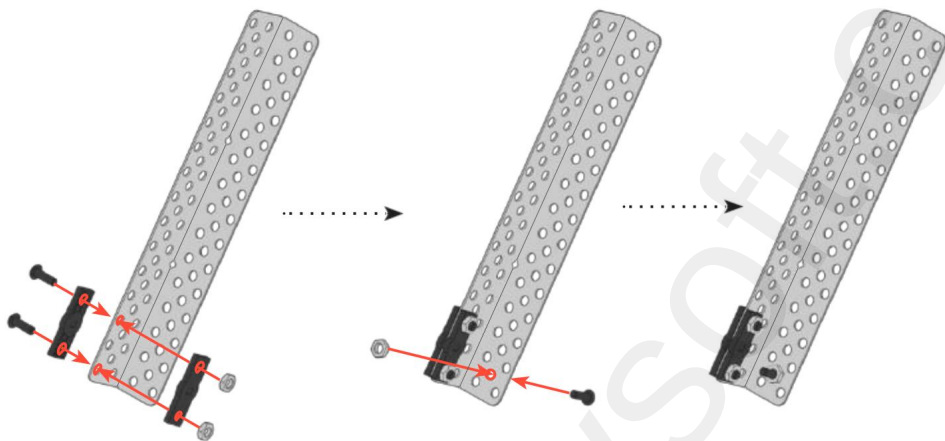


11

Лекарство 1:1 3.5

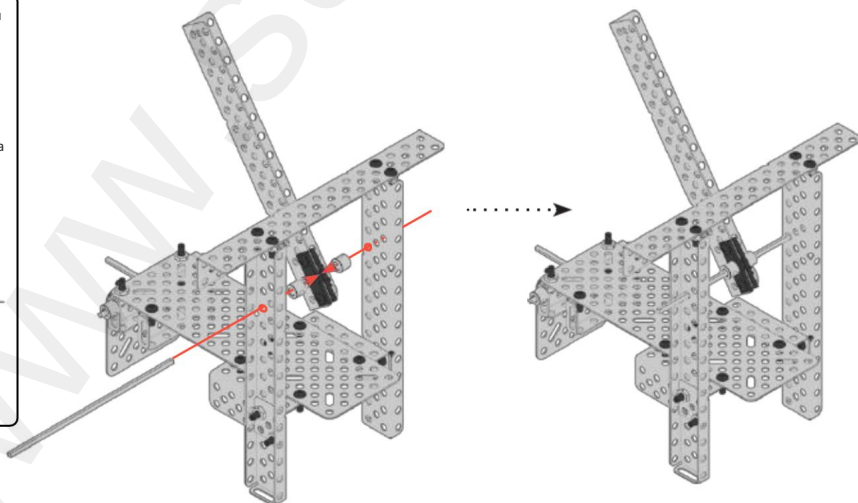
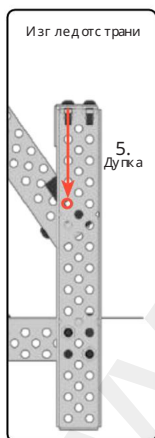


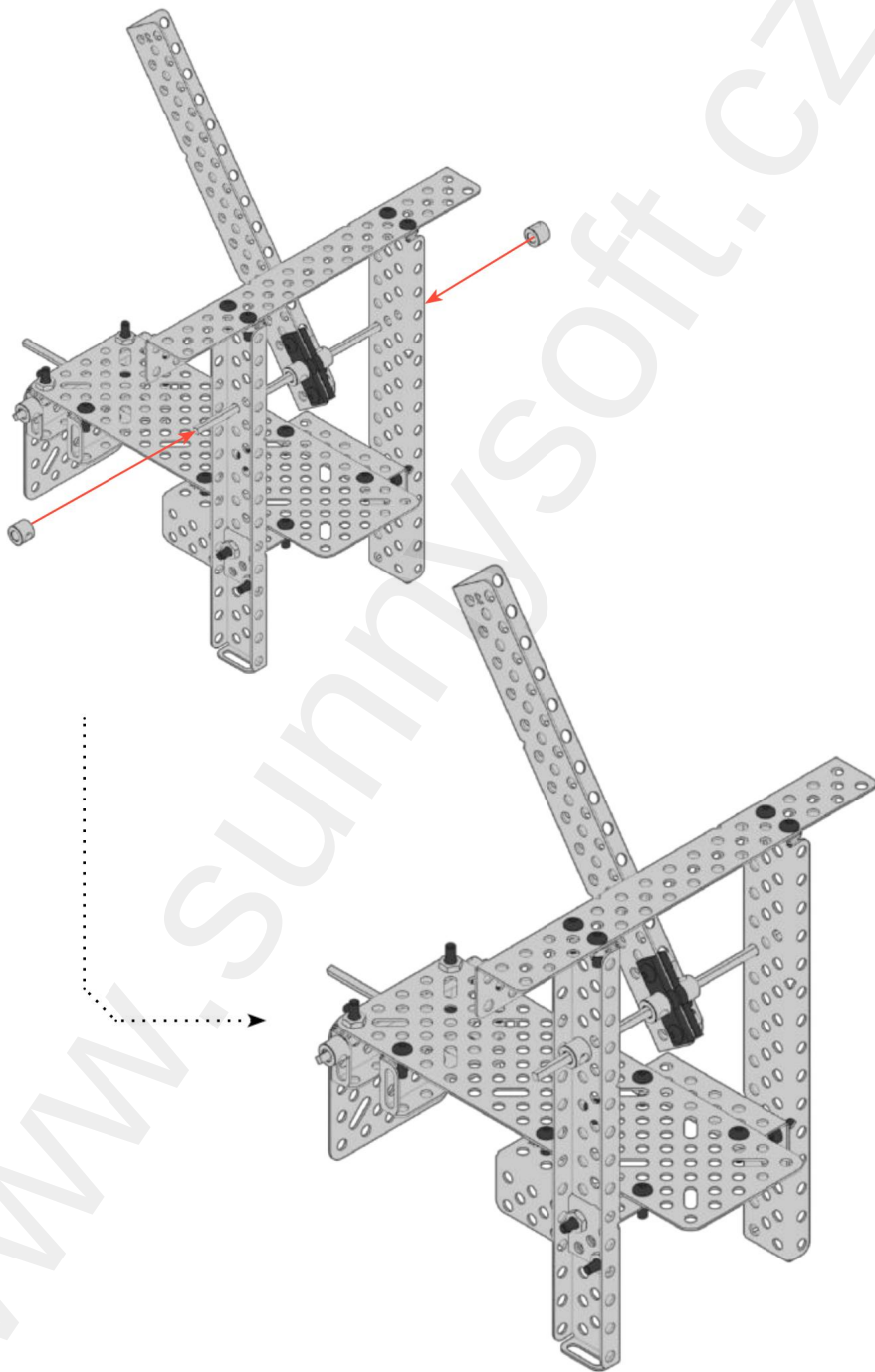
12



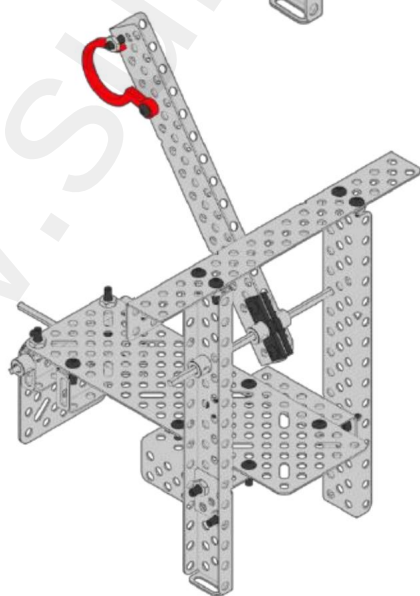
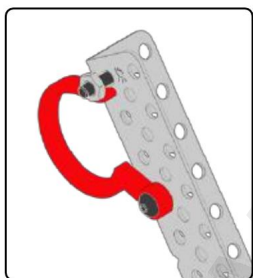
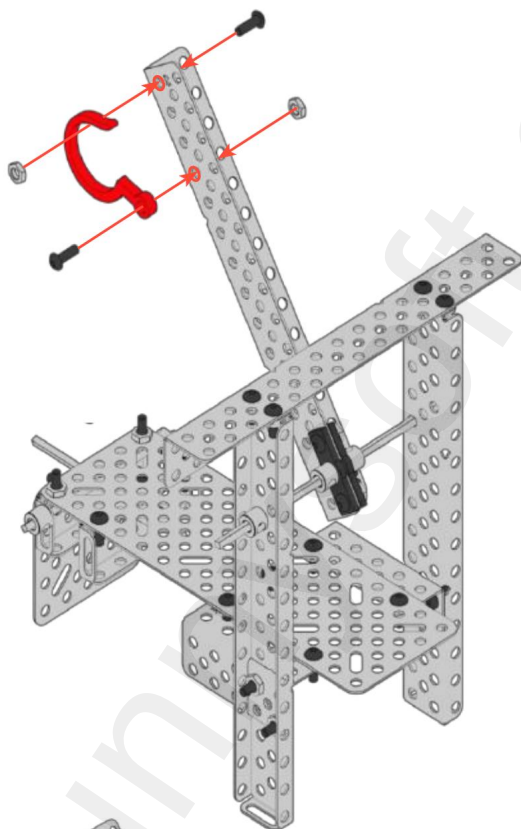
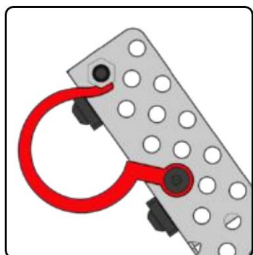
Лекарство 1: 5.5

13

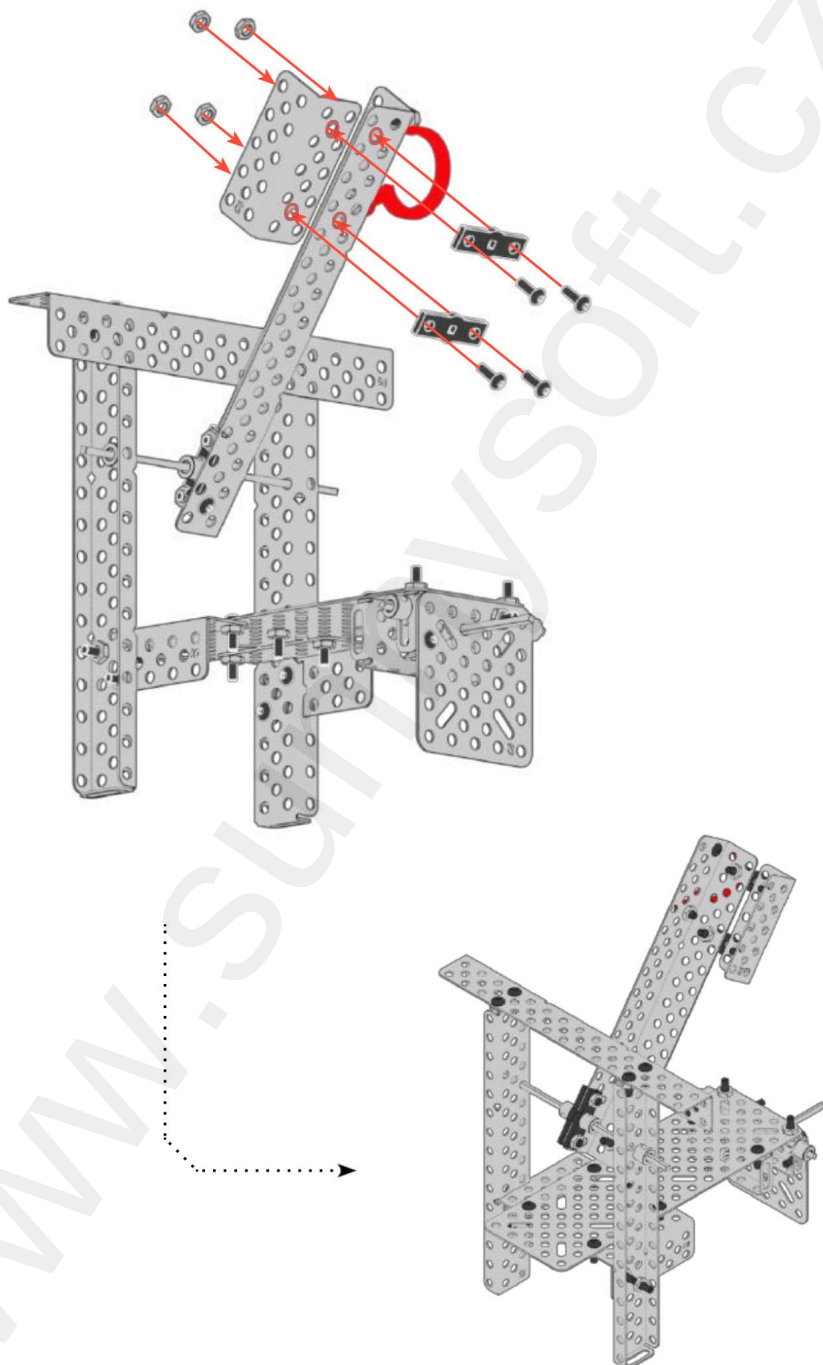




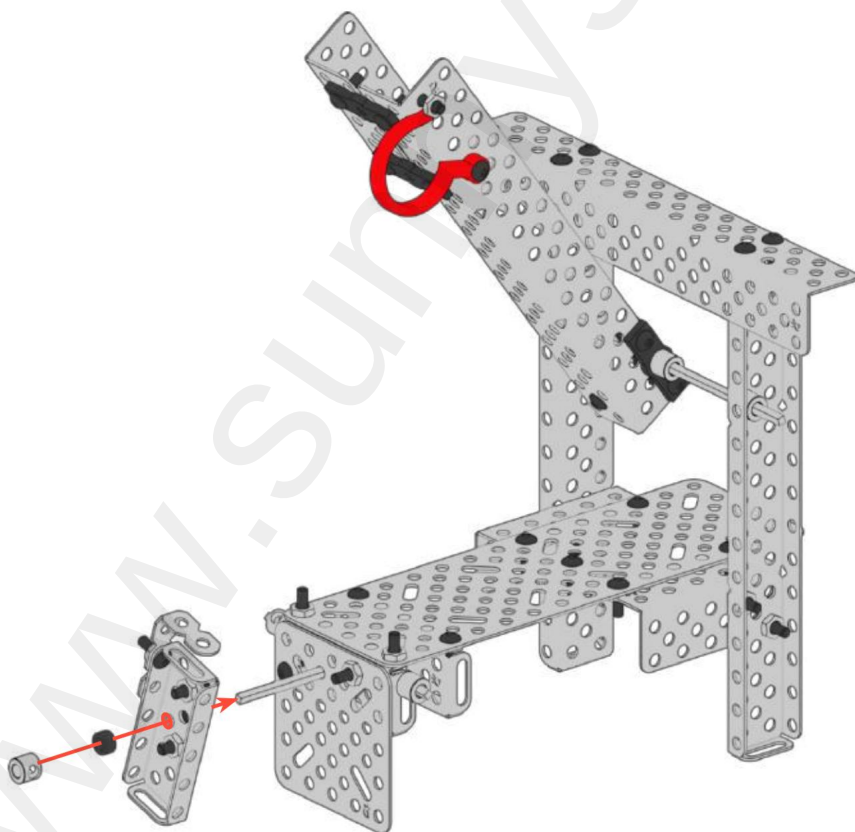
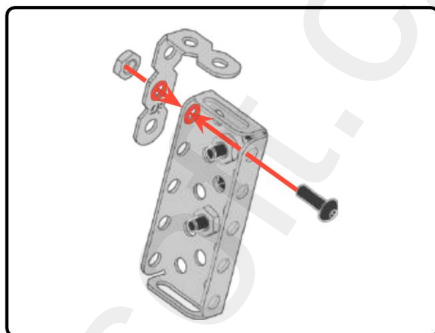
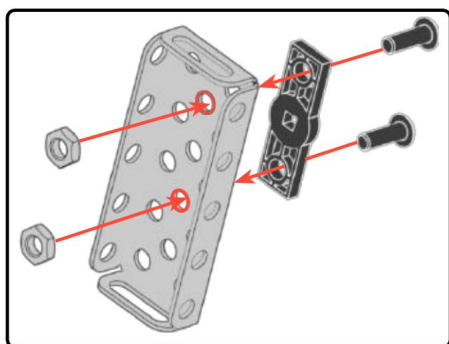
15



16

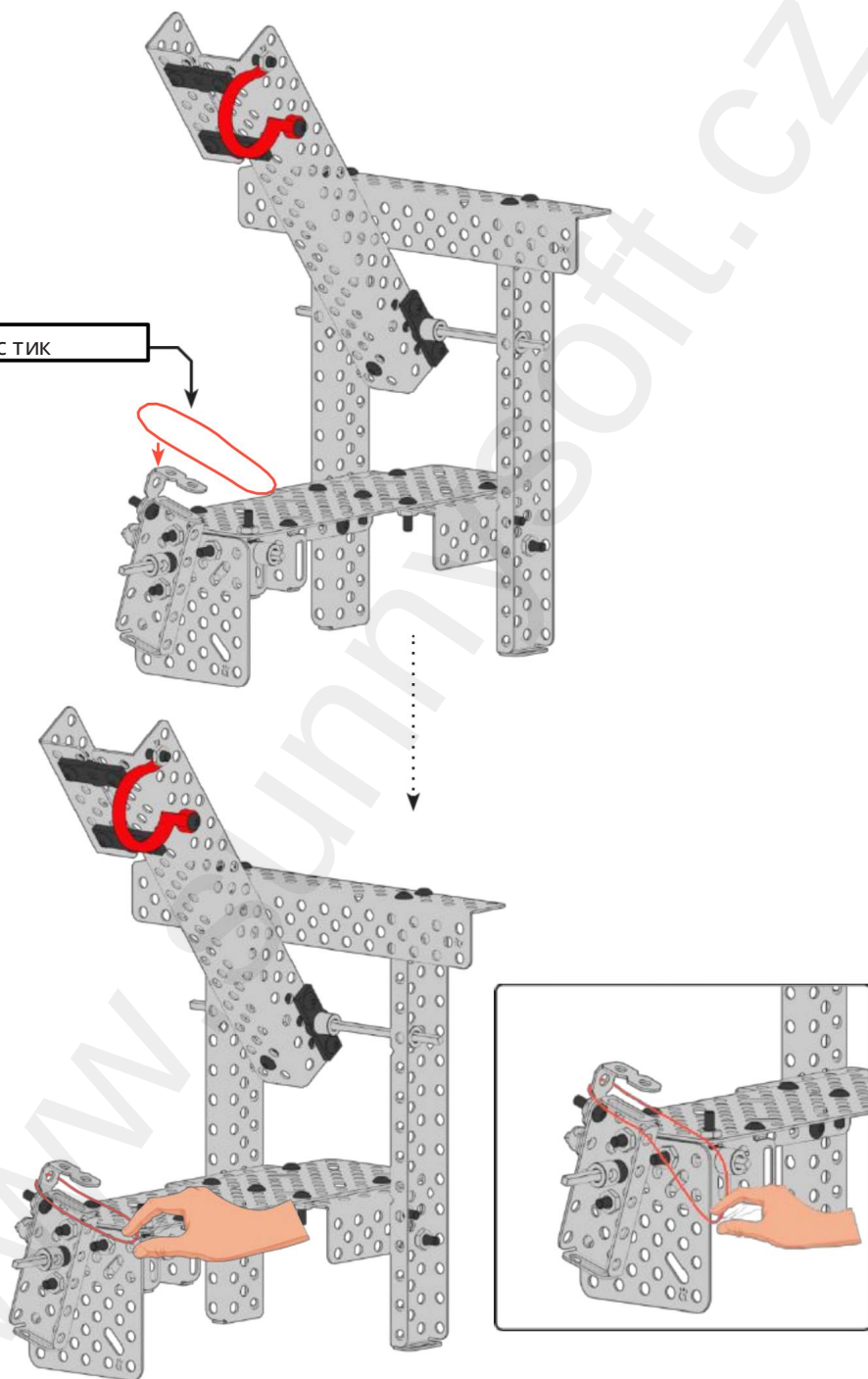


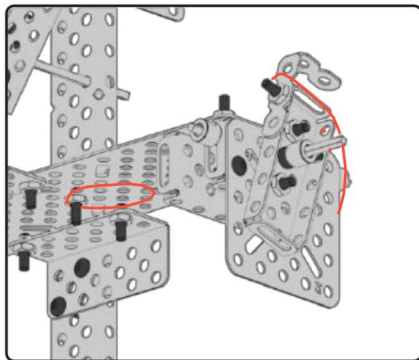
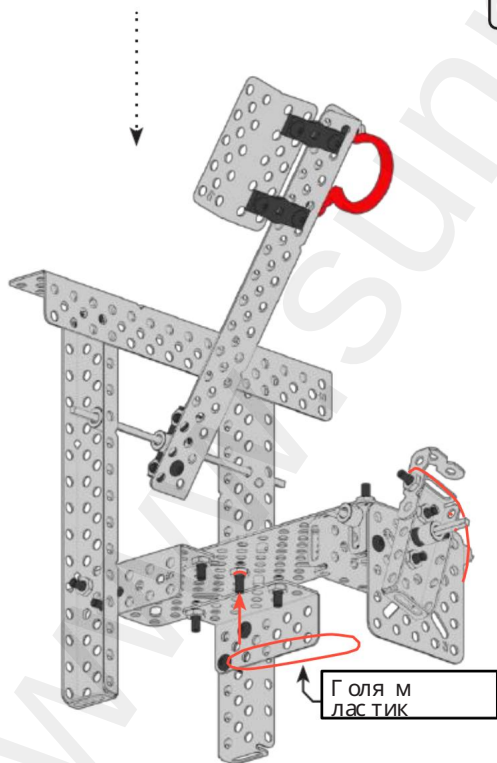
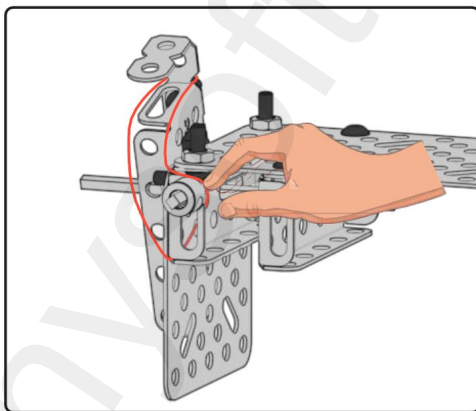
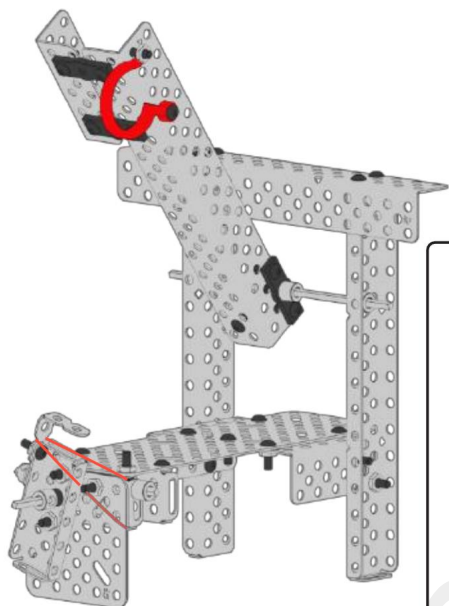
17

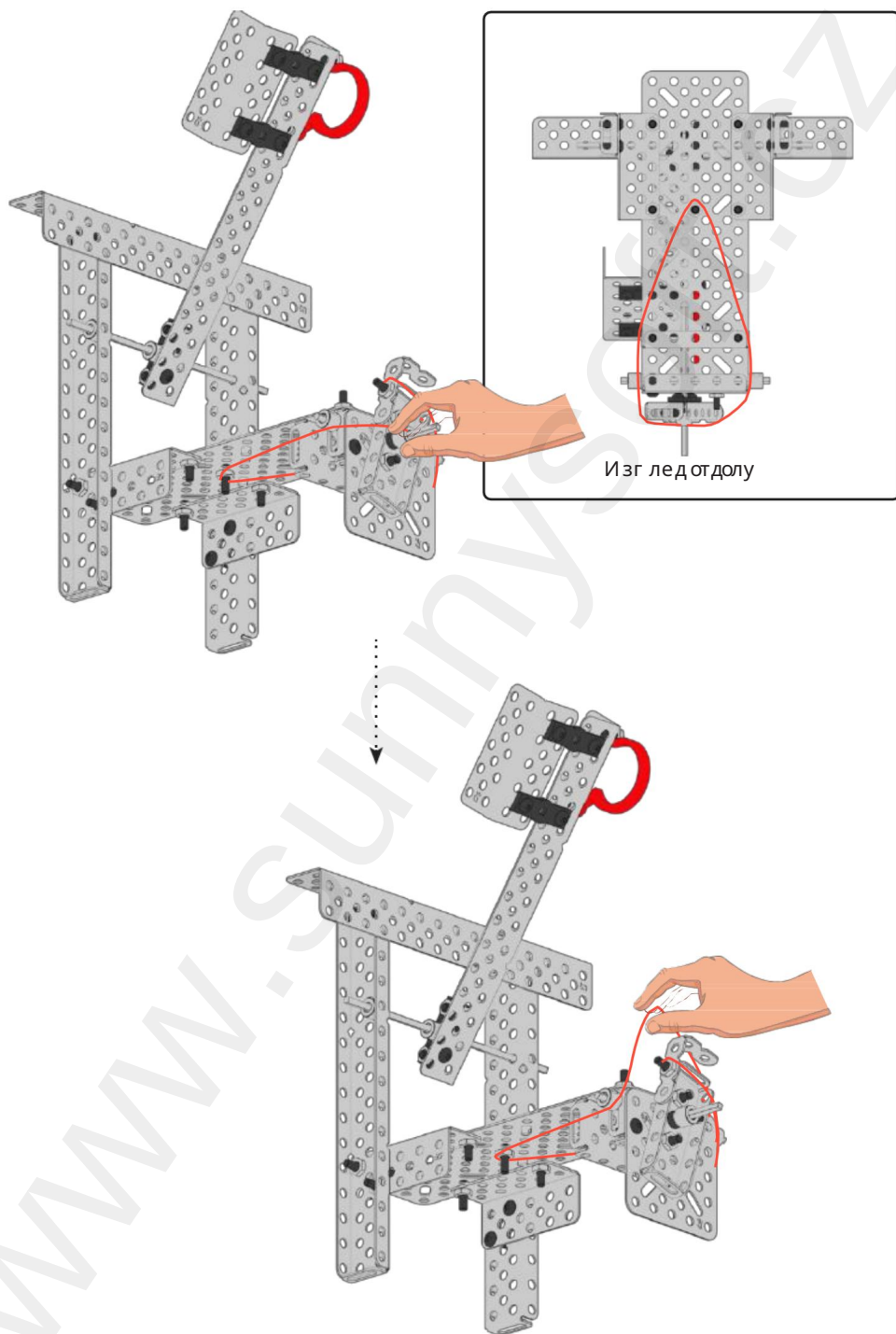


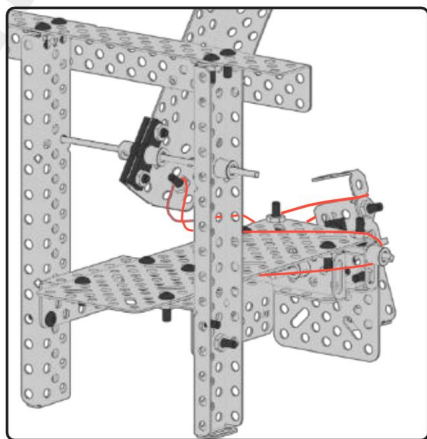
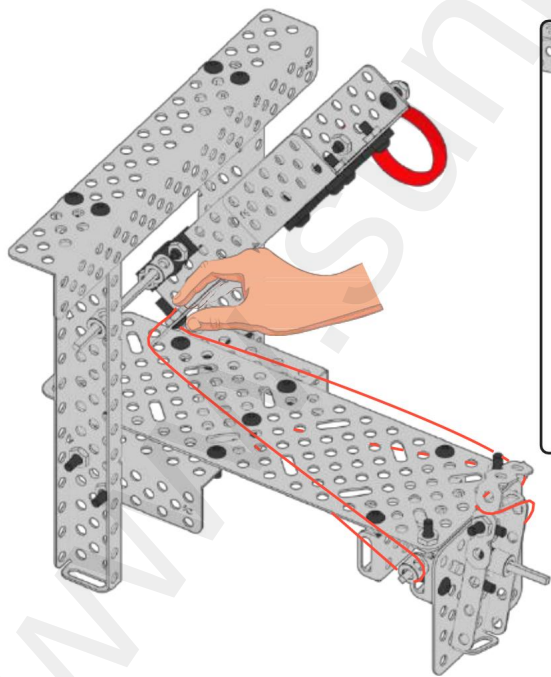
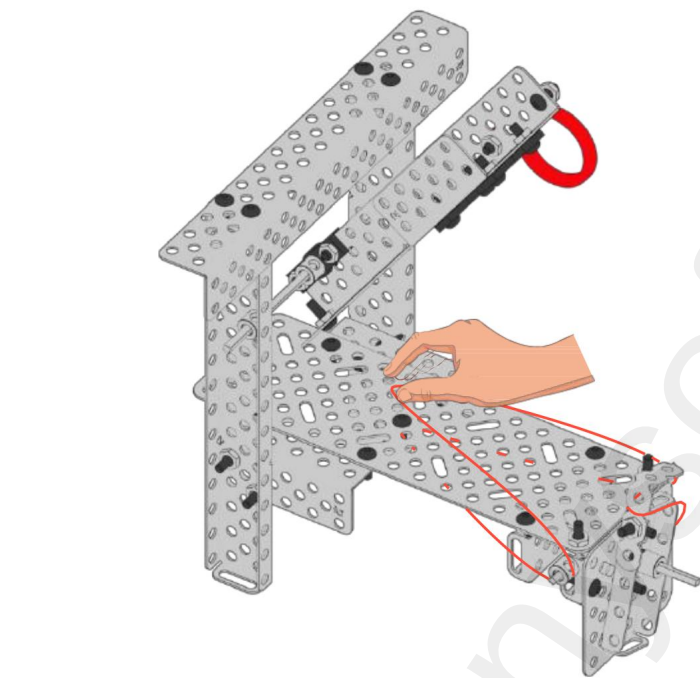
18

Малък ластик



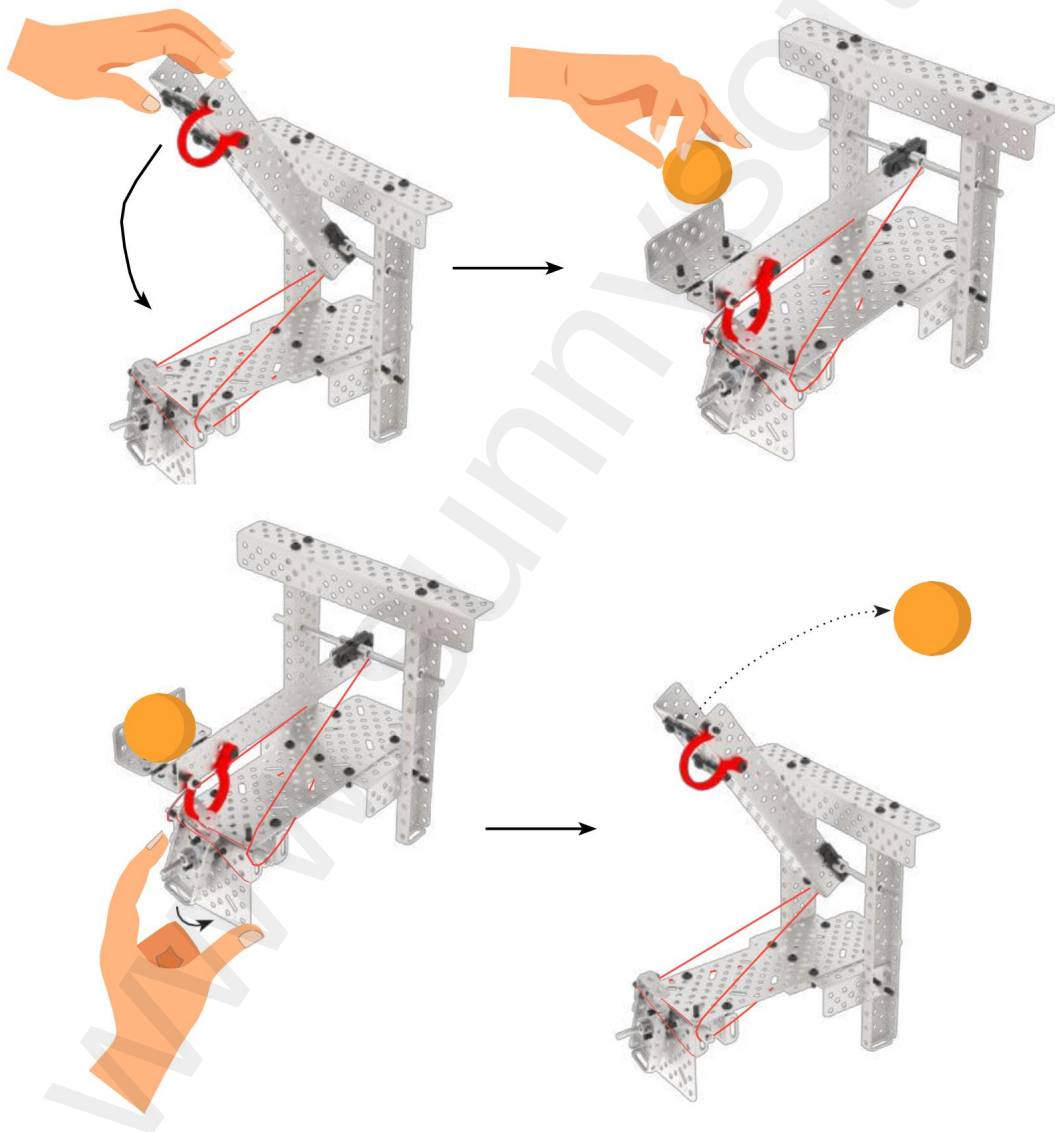




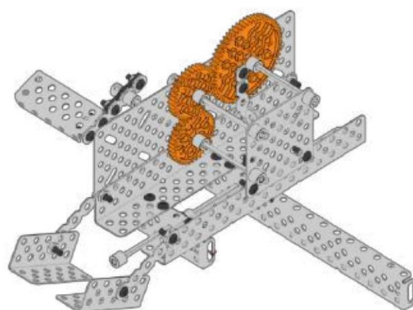


Как с е иг рае с катапулт

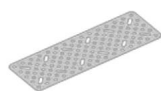
- Издърпайте ръката надолу
- Поставете ключалката.
- Поставете топката.
- Освободете ключалката.
- Топката се движи напред.



Проект 5: Стрелба с топка



Какво ще ви трябва?



7,5"
Правотъгълна
чиния
x1



7,5"
Канал L
x2



7,5"
U-образна г-реда
x1



2,5"
Канал L
x2



2,5"
Флекси
x5



2,5"
U-образна
г-реда x2



Пинчежи x3



Заклучачи
корекции
x16



Съединители с
3 дупки x3



5,5" ос
x2



3,5"
ос x2



2,5"
L-канал x1



12 мм винтове
x22



Ядки
x22



Малка гума
лента
x1

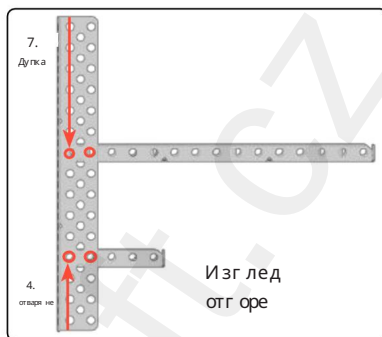
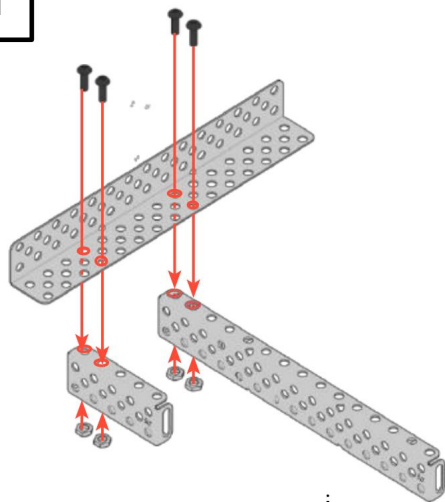


Голям фронтален
зъбно колело x1

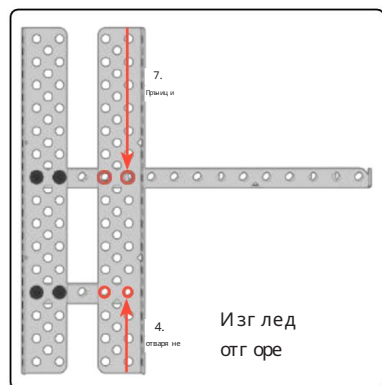
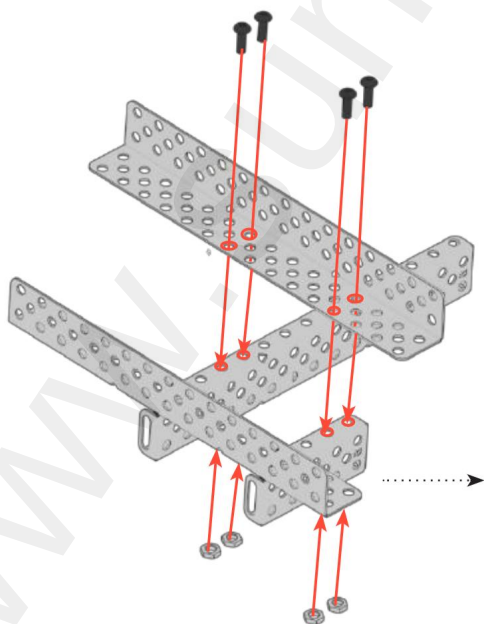


Средна фронтална
зъбно колело
x2

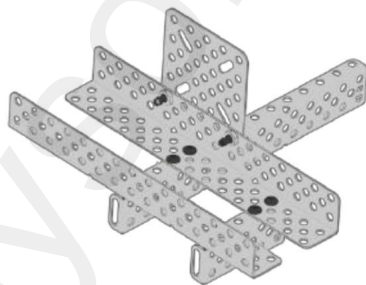
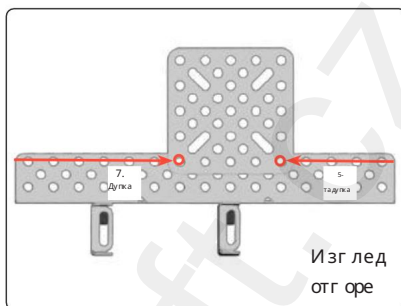
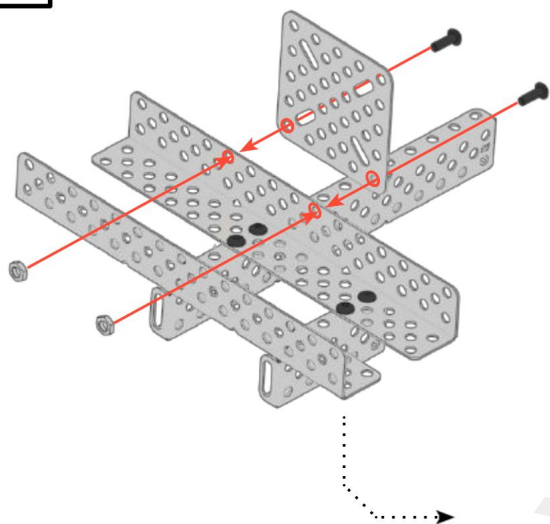
1



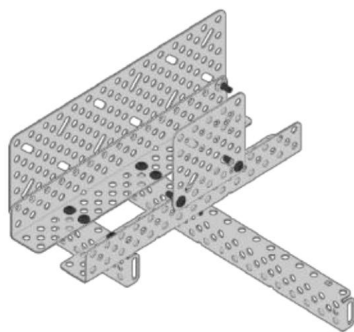
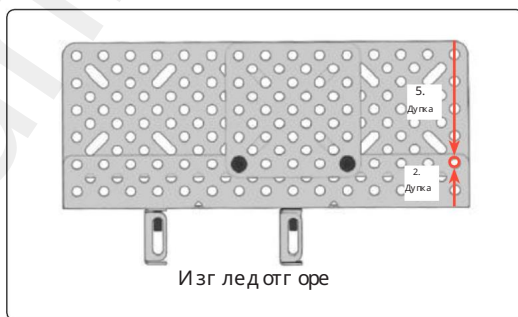
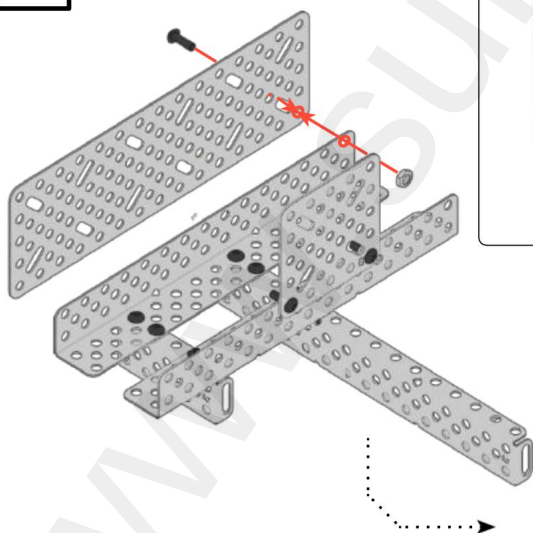
2



3

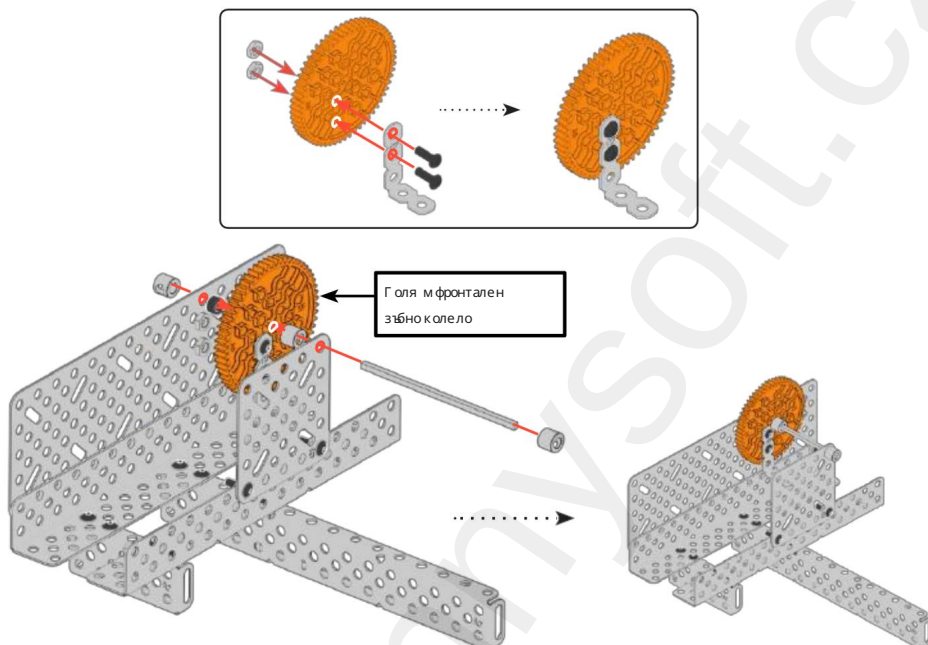


4



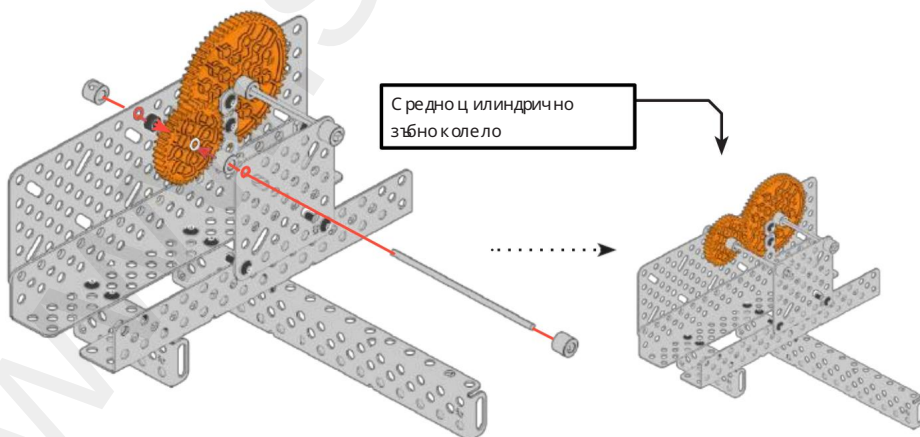
5

Лекарство 1:1 3.5

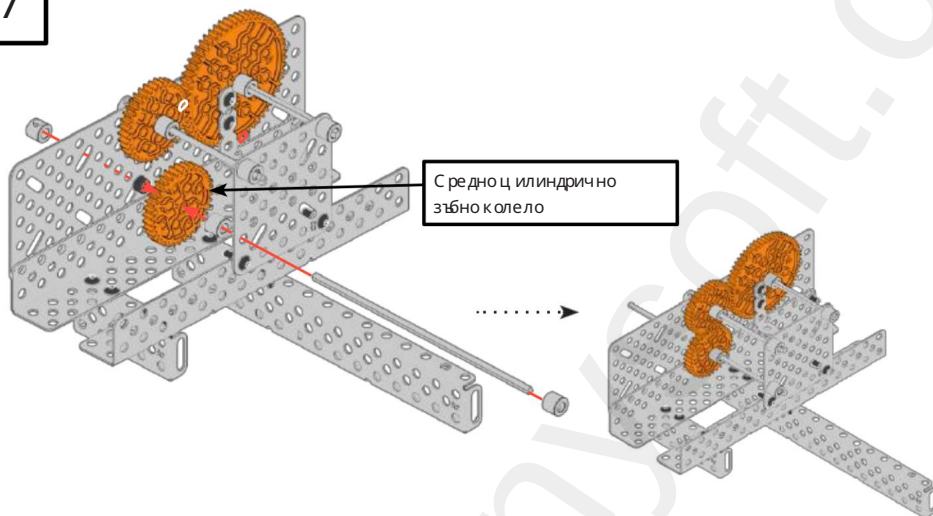


6

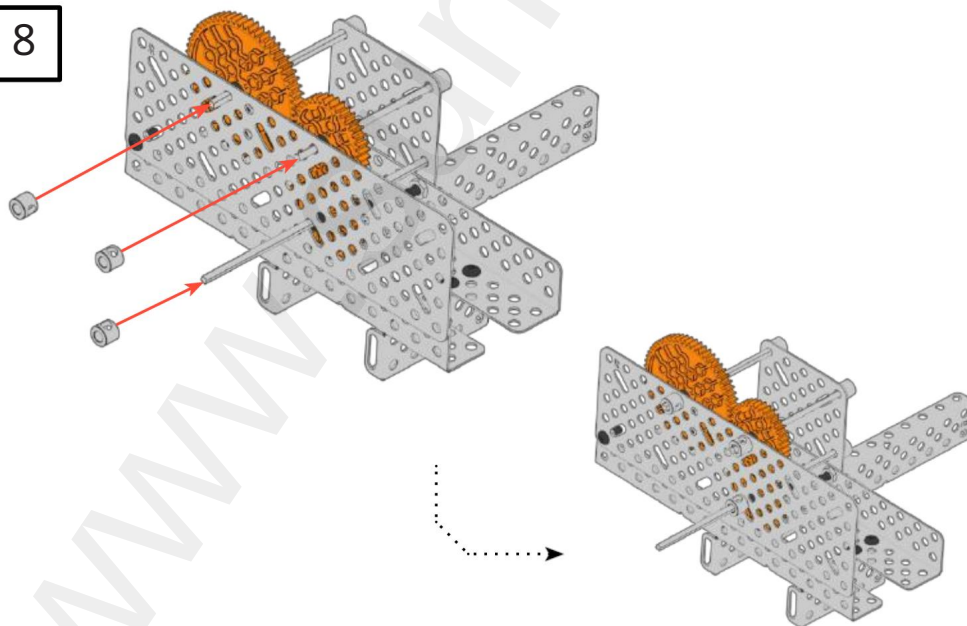
Лекарство 1:1 3.5



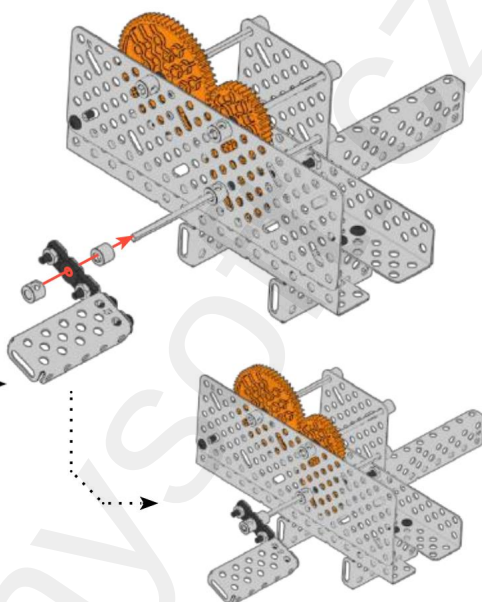
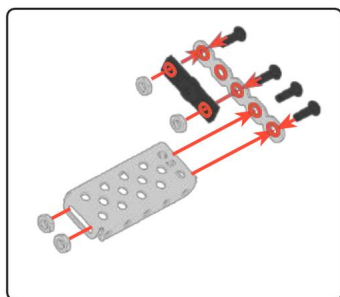
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8

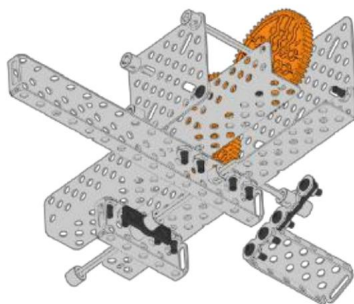
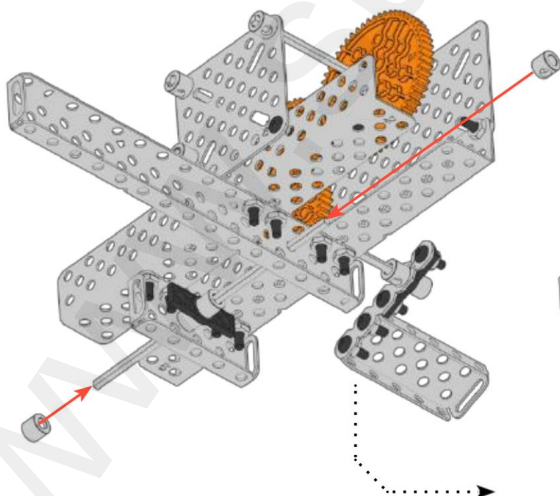


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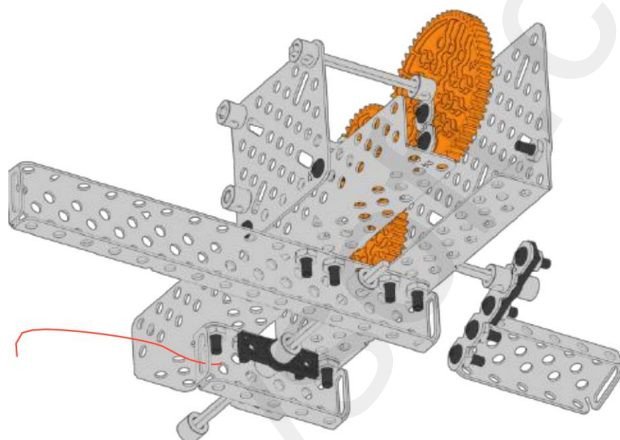
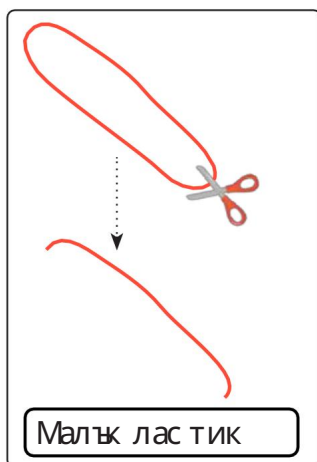


Лекарство 1:1 5.5

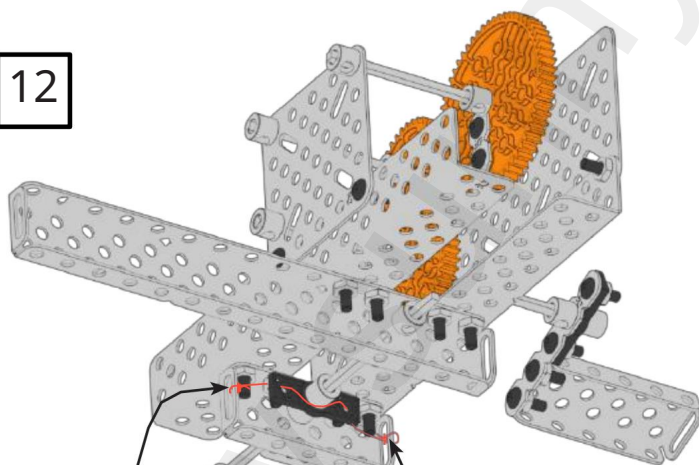
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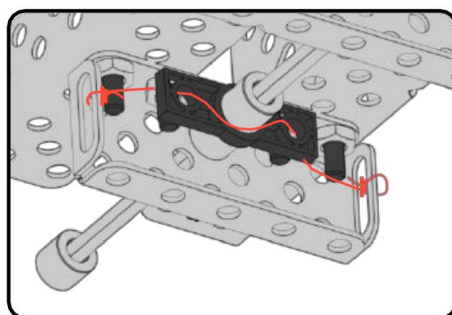
11



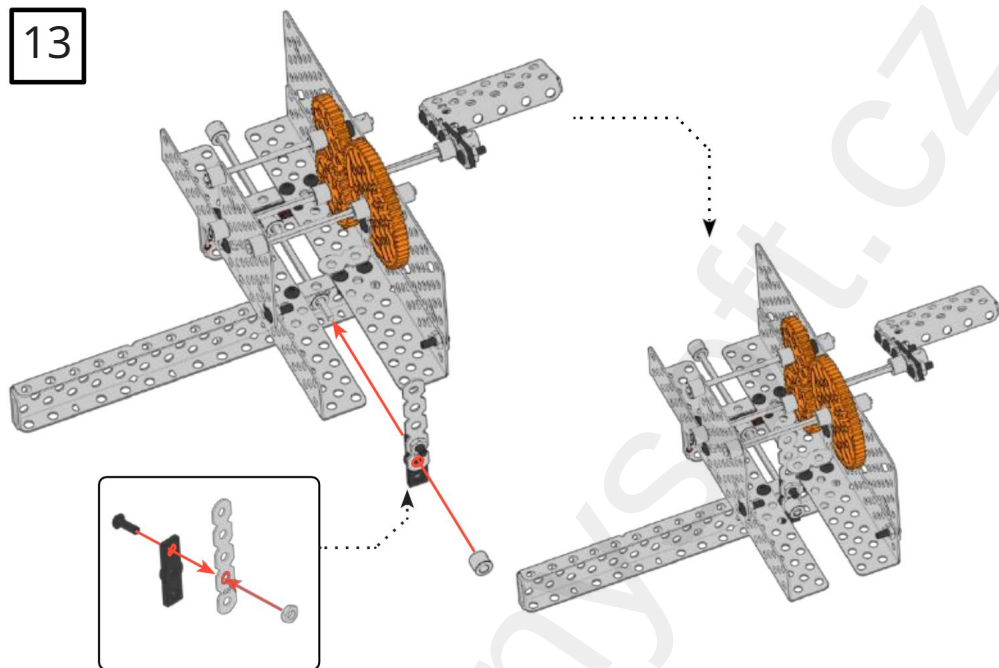
12



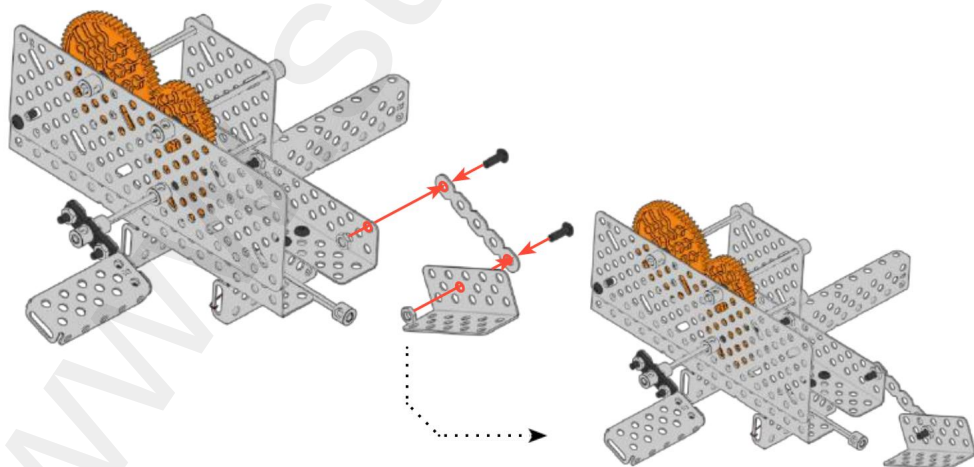
Завържете възел!



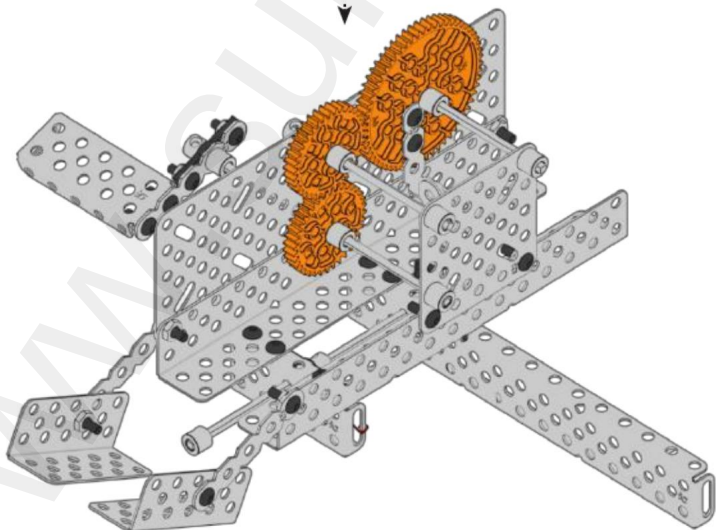
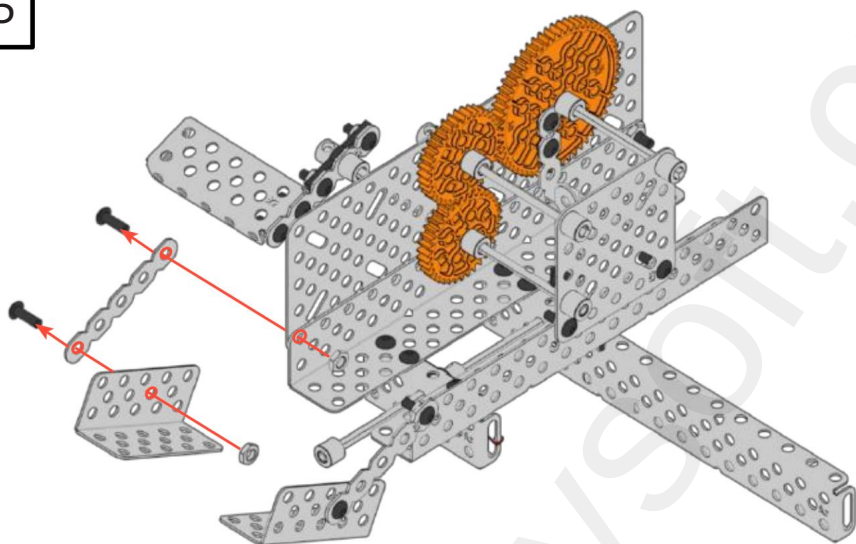
13



14

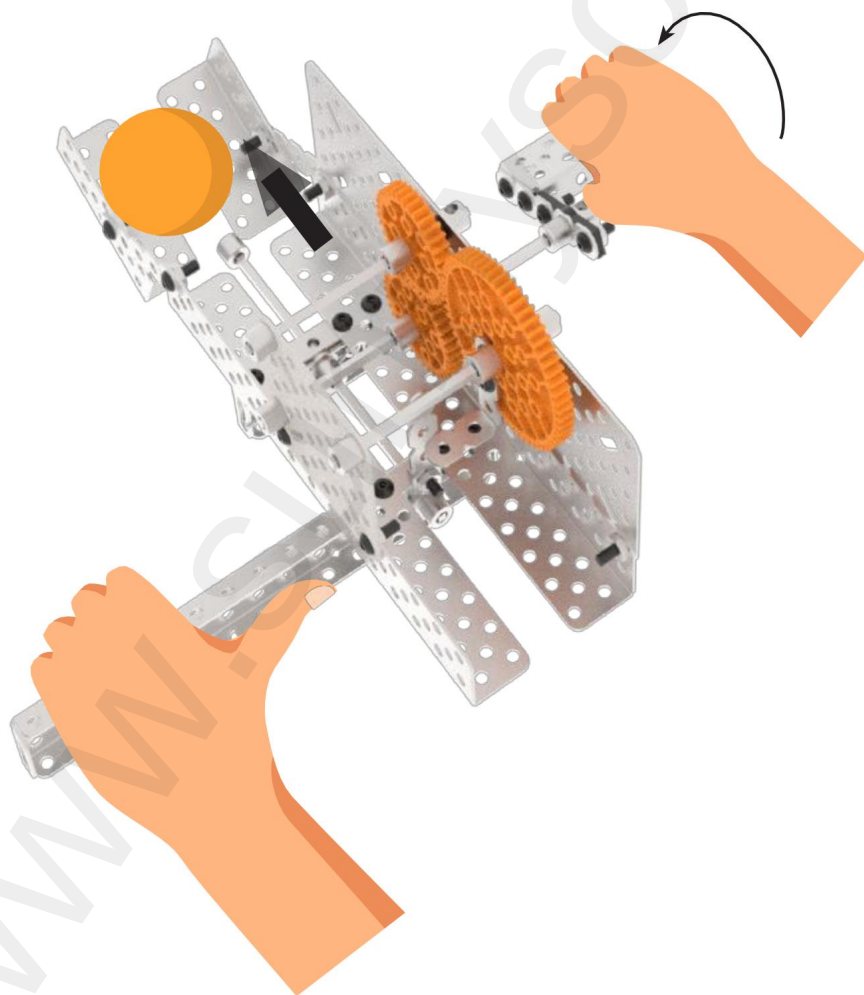


15



Как се играе

- Поставете топката в малък L-образен съд.
- Завъртете лоста/држката. Осъществява удар по топката.



И мате ли проблеми?

Наша техническа поддръжка е на ваше разположение през тези часове

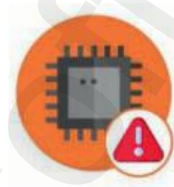
- от понеделник до събота: от 9:00 до 20:00 часа,
неделя и 3-та събота: от 9:00 до 18:00 часа



Софтуерни проблеми



Проблеми с използваемостта



Хардуерни проблеми

Сканирайте QR кода, за да се свържете с поддръжката.



support@avishkaar.cc
+91-8506931515

Доставчик/Дистрибутор

Sunnysoft sro
Kotvanická 2390/1a 190
00 Praha 9

Чехия
www.sunnysoft.cz

avishkaar

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Robotics Series

User Manual**ROBOTICS
EXPLORER**

Începe-ți călătoria în robotică!



Profită la maximum de trusa ta

Inovează



Depunând jurământul inovatorului

Depuneți jurământul inovatorului de la pagina 6 și înțelegeți ce înseamnă să fii inovator.



Învăță să folosești manualul

Urmați instrucțiunile detaliate din manual și învățați cum să construiți roboți interesați cu kitul.



Creați, codificați și gestionați

Construiți proiecte inovatoare cu kitul și controlați roboți cu telecomanda Avishkaar și codificați cu aplicația Avishkaar Maker Studio.

Distribuie

Câștiga



Alăturați-vă Let's Avishkaar

Alăturați-vă comunității noastre pe FB - conectați-vă cu inovatori și obțineți cele mai recente informații despre webinarii.



Încărcați proiecte

Încărcați proiecte pe www.avishkaar.cc și distribuiți-le creatorilor din întreaga lume.



Competiții internaționale

Participă la competiții săptămânale, lunare și anuale și câștigă faimă în întreaga lume.



Jurământul inovatorului

Luați angajamentul de inovator de mai jos și angajați-vă într-o căutare de inovație și soluții pe tot parcursul vieții probleme. Distribuți fotografia pe comunitatea FB Let's Avishkaar

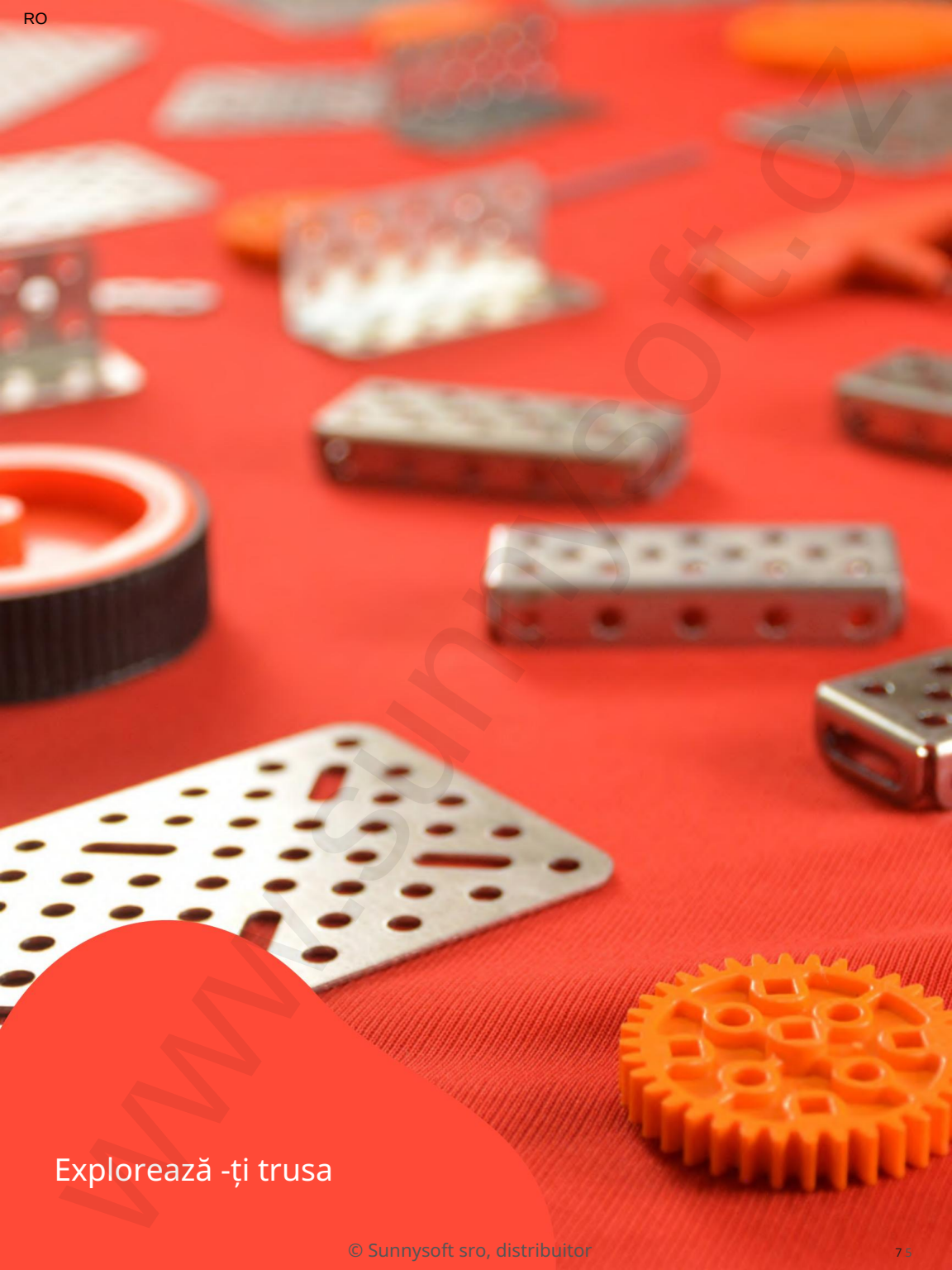
Jur solemn că, odată ce mă voi lansa în călătoria inovației, nu voi renunța până când inovația mea, proiectul meu, nu va fi finalizată. Îmi voi perfecționa abilitățile și instrumentele și le voi folosi bine. Inovația și eu voi fi de nedespărțit.

Întotdeauna voi împărtăși inovațiile mele cu alți inovatori și voi învăța de la ei.

I (scrie-ti numele)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

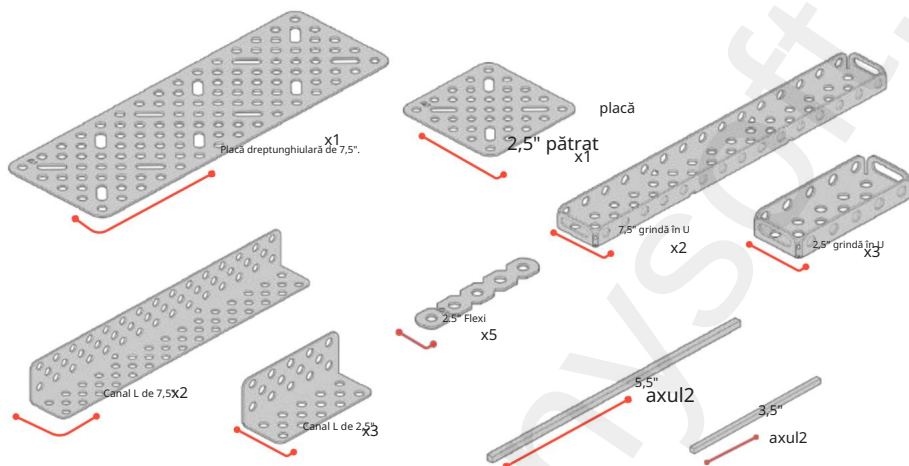
semnătură



Explorează -ți trusa

Verificarea echipamentului

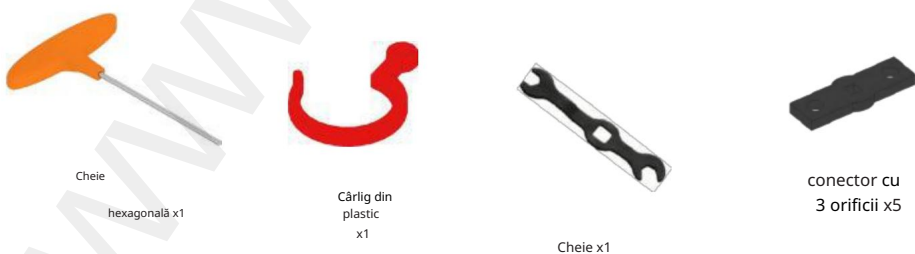
Piese metalice



roți și roți dințate



Instrumente





Umpluturi
x11



Blocare axă
x16



Șurub de 12
mm x31



Nuci
x31



Benzi de
cauciuc
mari x2



Benzi mici de cauciuc
x2

Bazele construcției

Să înțelegem câteva elemente de bază ale construcției

Șuruburi de strângere



Strângerea blocării axei



Strânge
(întoarce în sensul
acelor de ceasornic)



Slăbiți (rotiți
în sens invers acelor de
ceasornic)

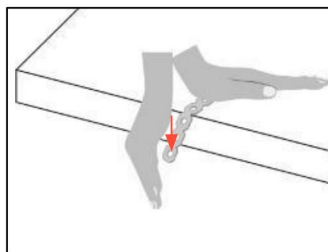
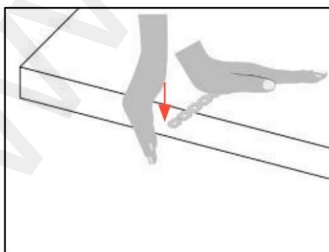


Strânge
(întoarce în sensul
acelor de ceasornic)

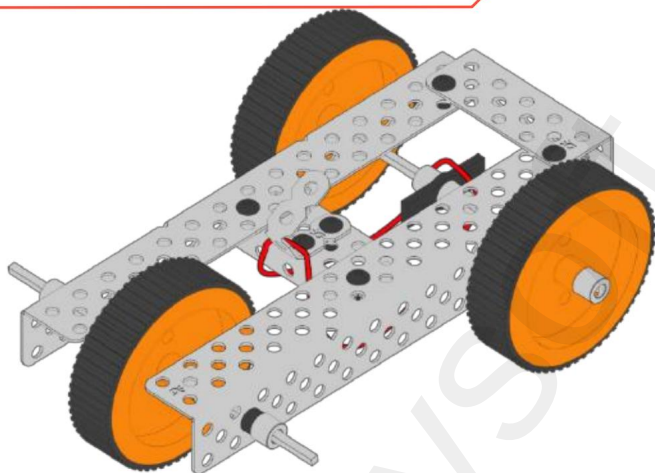


Slăbiți (rotiți
în sens invers acelor de
ceasornic)

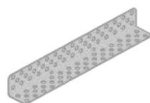
Flexi îndoire



Proiect 1: Mașină



De ce vei avea nevoie?



7,5"
canal L
x2



2,5"
Canal L
x 1



2,5"
Flexi mic x1



2,5"
grindă în U x1



Axa de 5,5" x2



umpluturi
x4



Blocare ax x8



conectori cu
3 orificii x1



Roata mica x3



Bandă elastică mare 1x

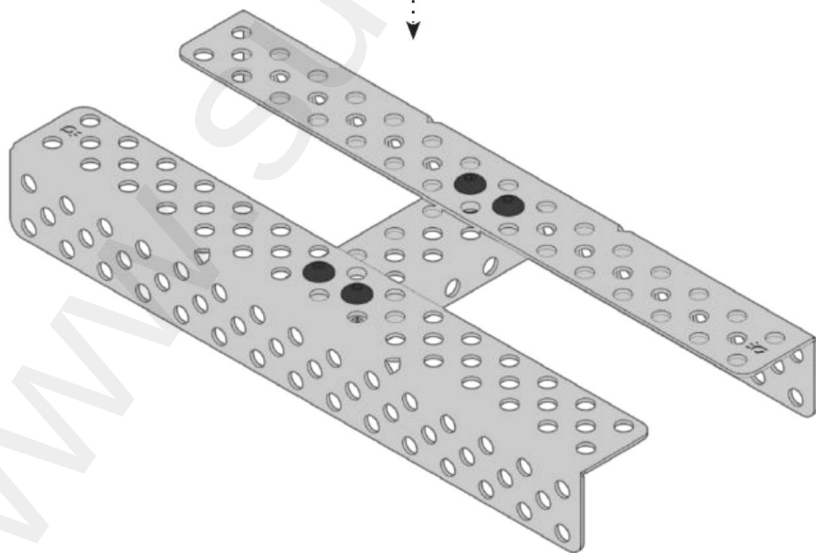
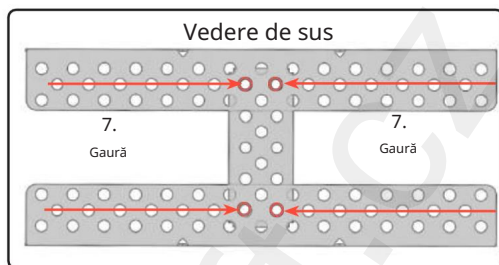
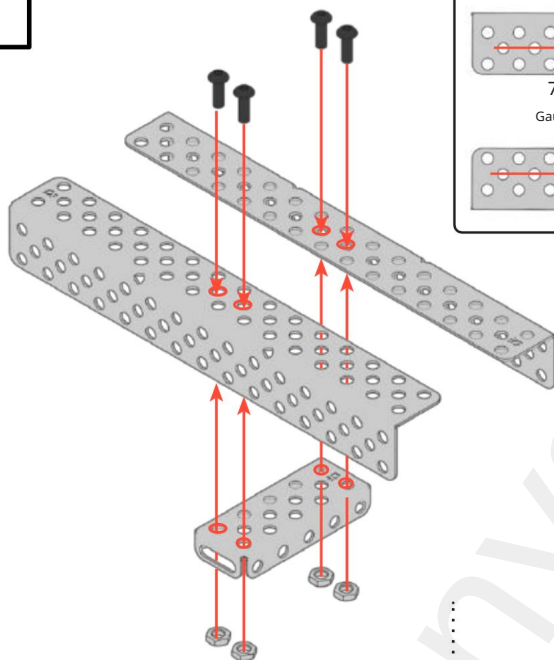


șuruburi de 12
mm x8

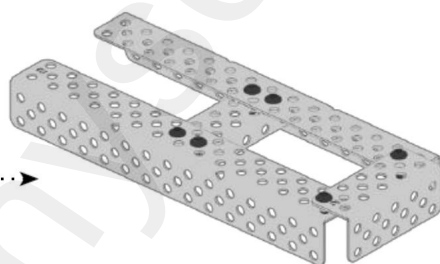
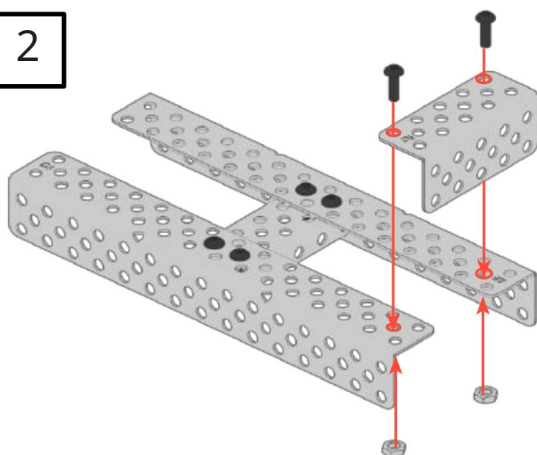


matricea x8

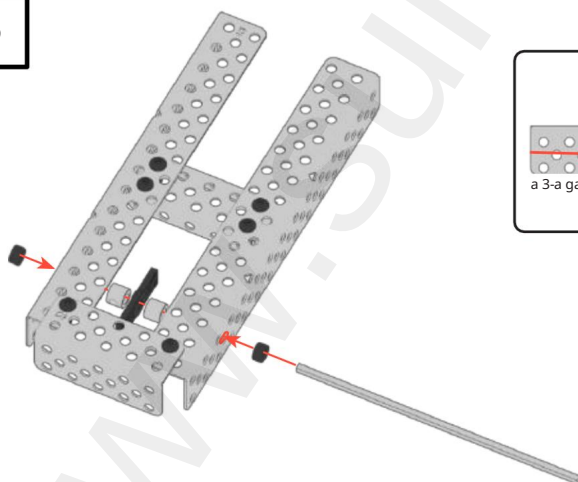
1



2



3

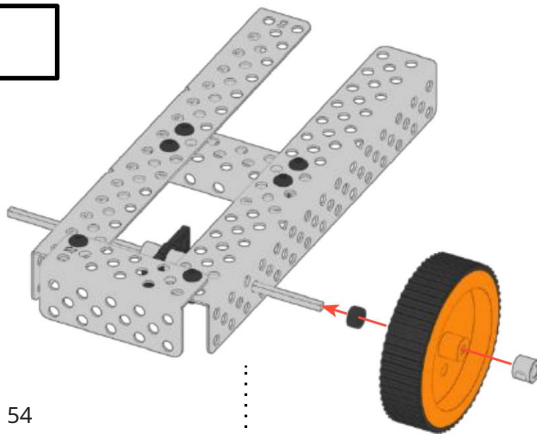


Vedere laterală

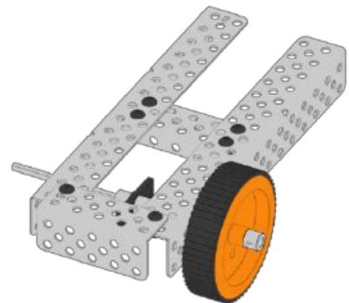
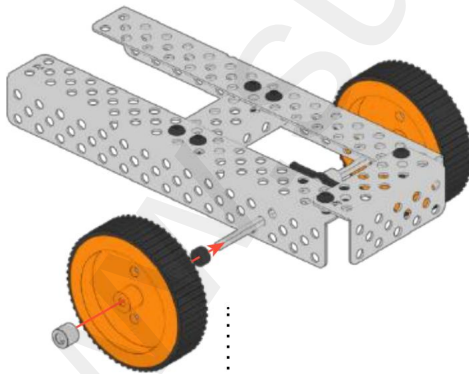
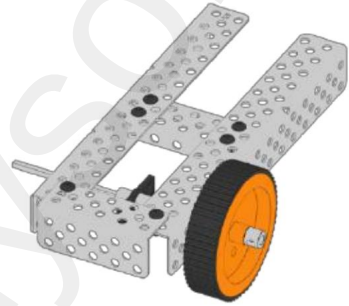


a 3-a gaură

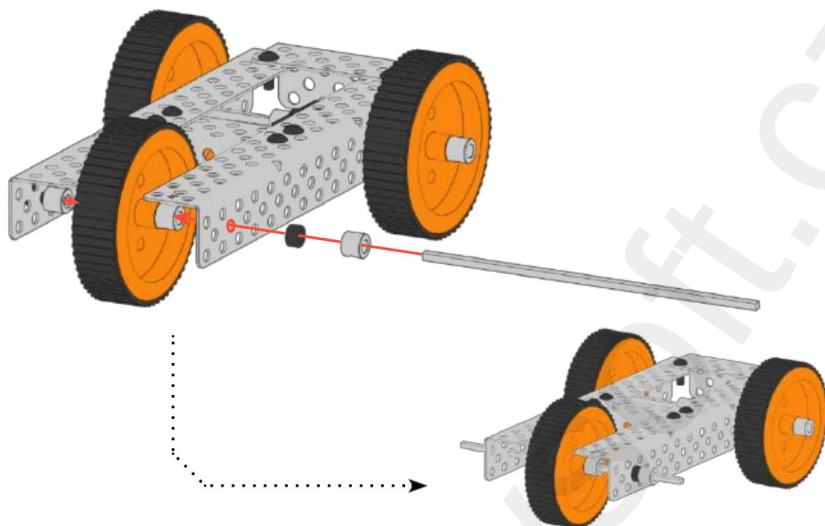
1:1 Remediul 5.5



54

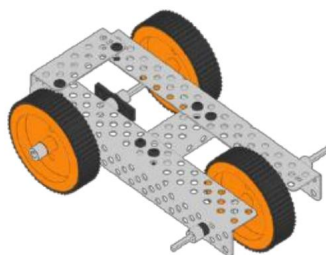
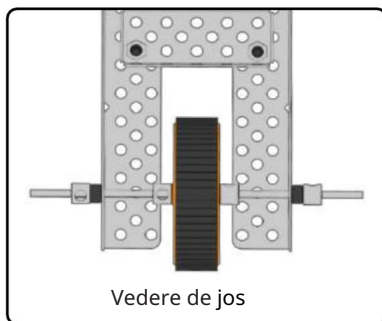
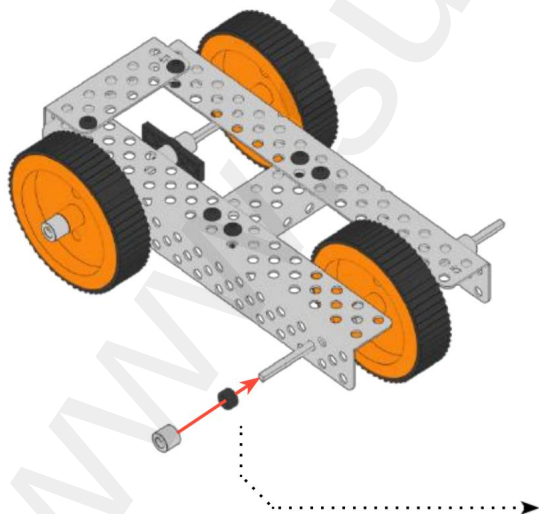


6

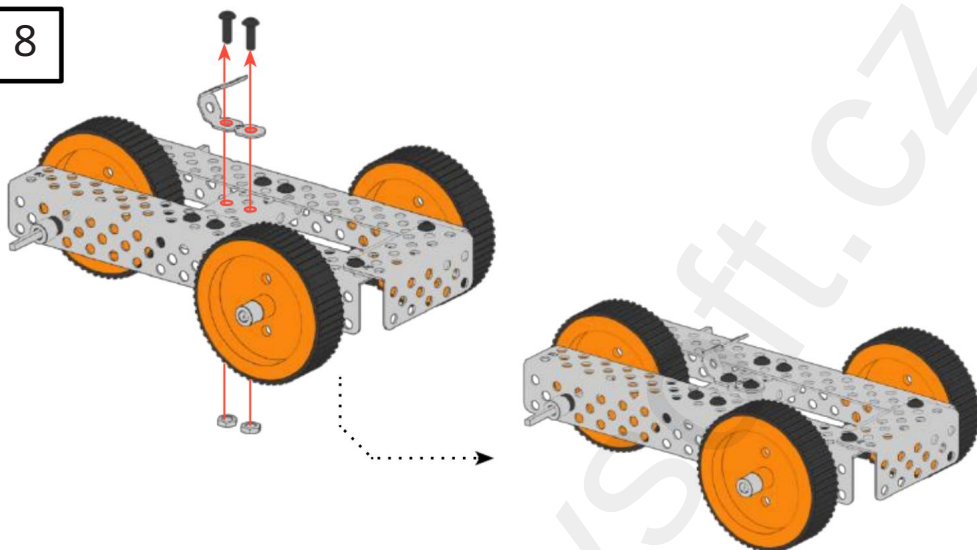


1:1 Remediu 5.5

7



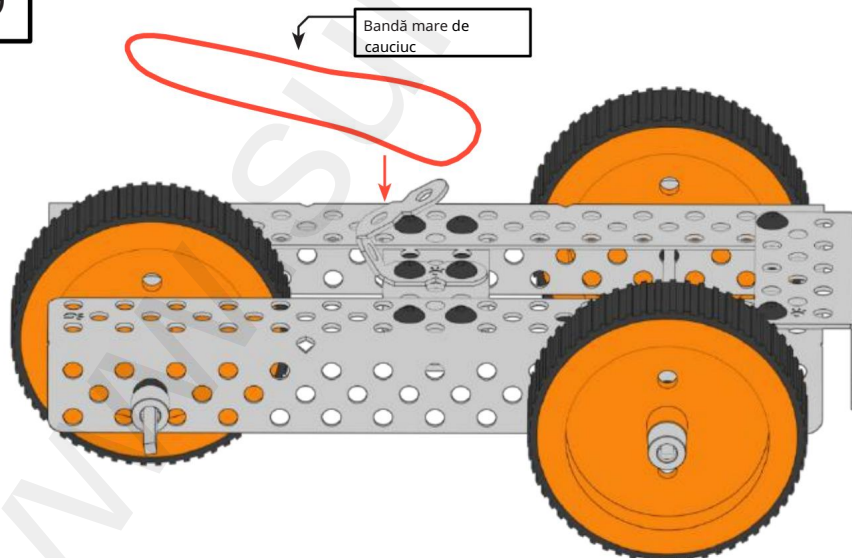
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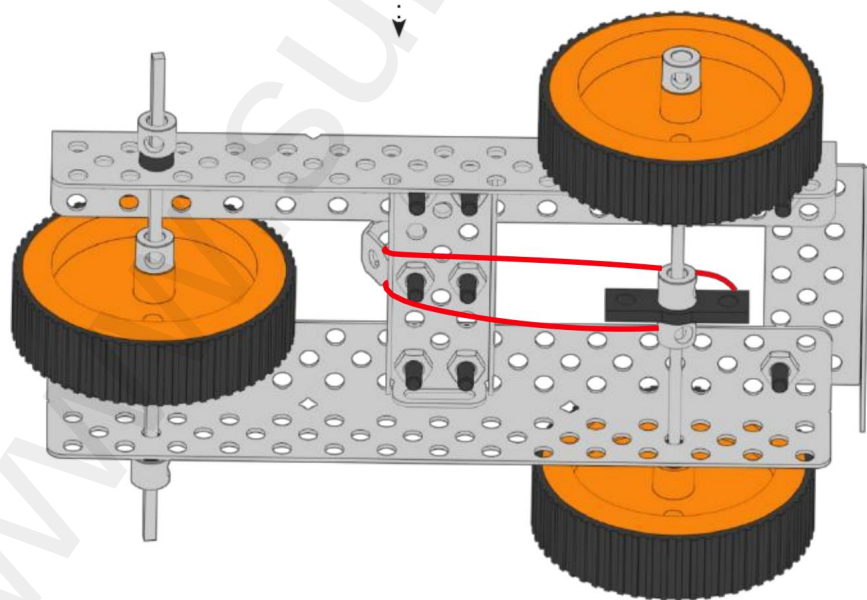
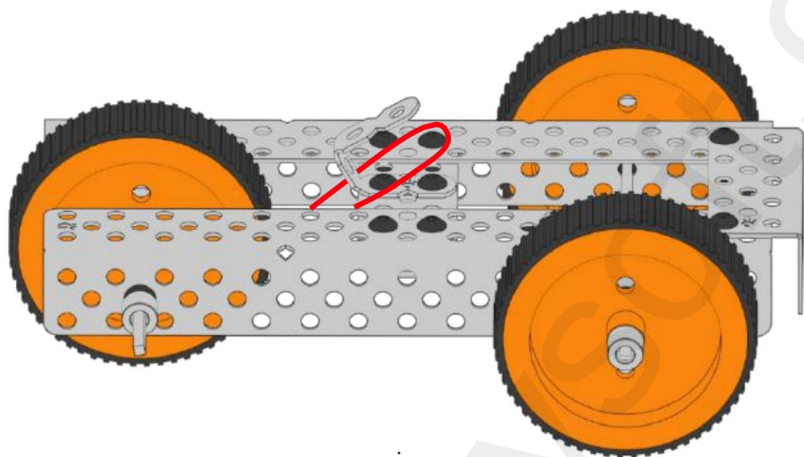
**Sfat de asamblare**

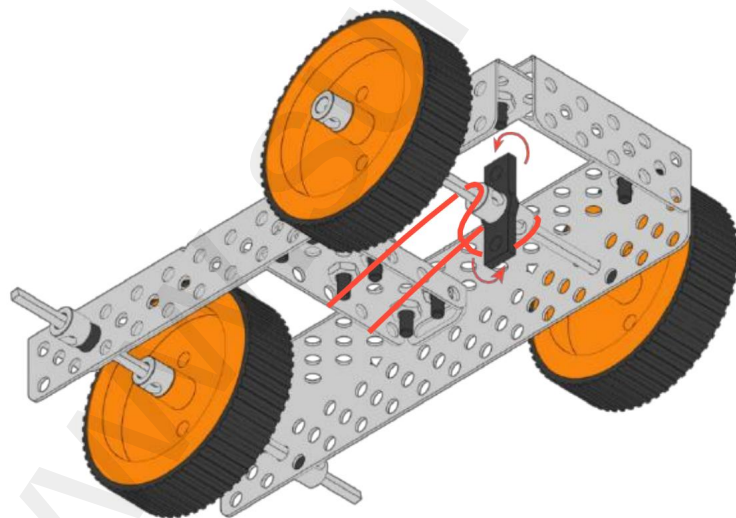
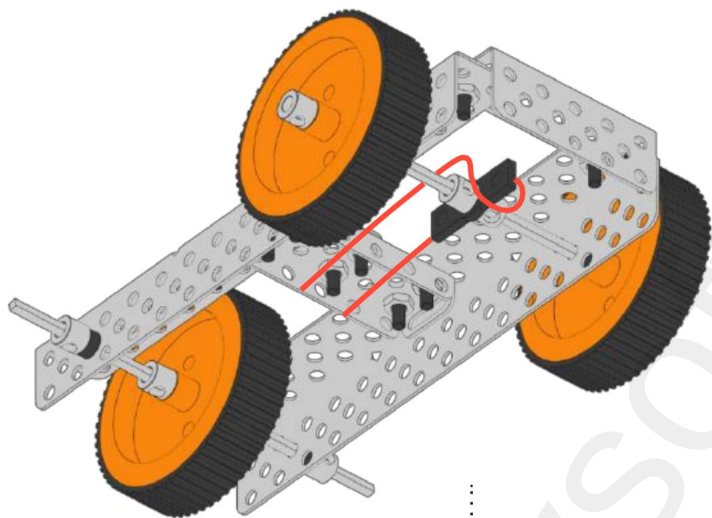
Pentru informații despre îndoirea flexi, consultați instrucțiunile de mai sus.



9

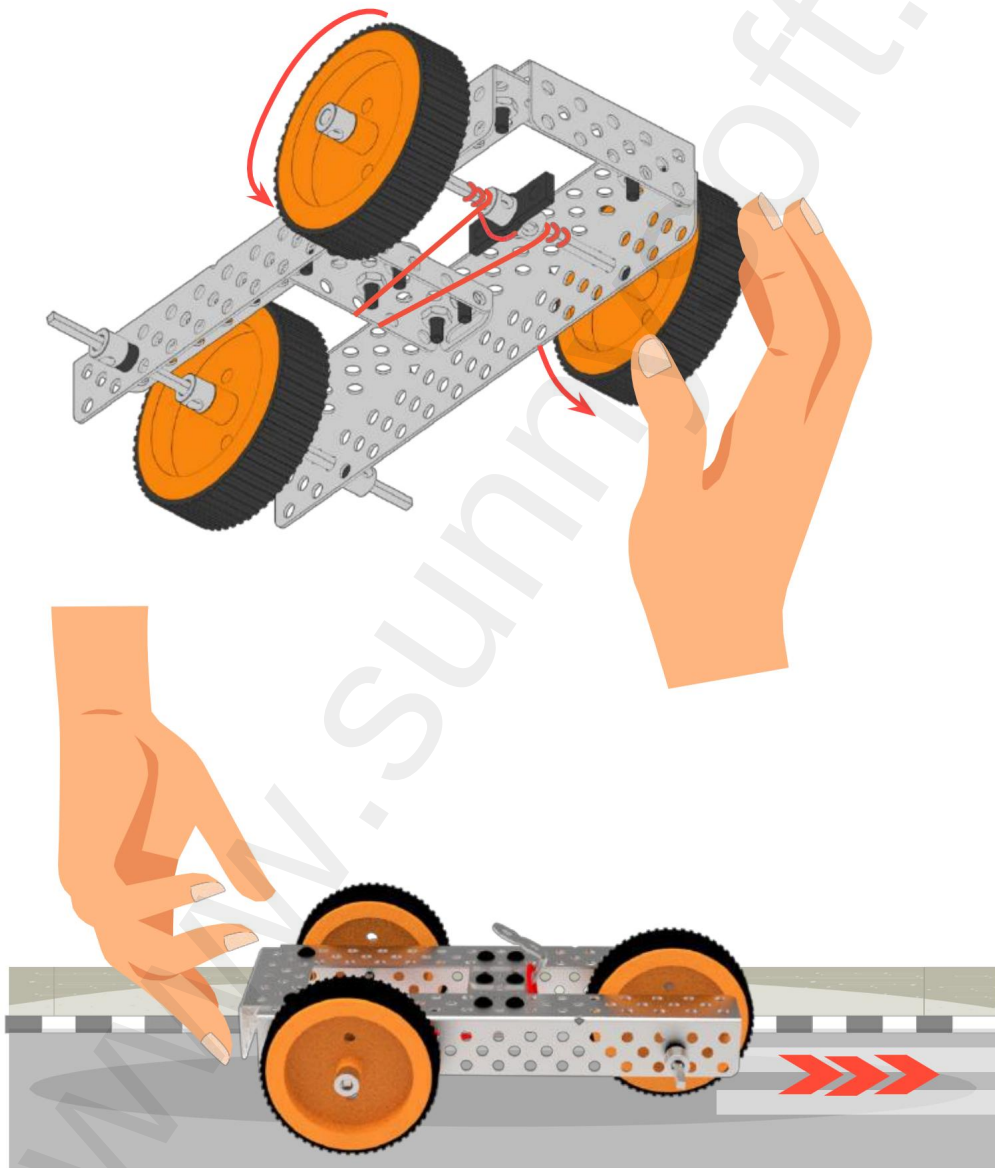




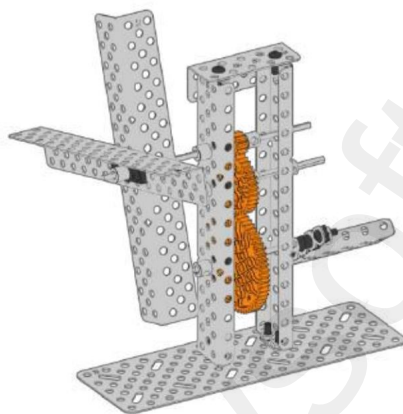


Cum să te joci cu o mașină

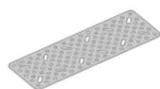
- Cu ajutorul roților, înfășurați cureaua de cauciuc pe puntea din spate.
- Roti i roata în sens invers acelor de ceasornic .
- Țineți banda elastică și axa și așezați șasiul pe sol.



Proiectul 2: Ventilator



De ce vei avea nevoie?



7,5"
Dreptunghiular
Placă
x1



7,5"
Canalul L
x2



7,5"
grindă în U
x2



2,5"
Canalul L
x1



2,5"
Flexi mic
x1



2,5"
grindă în U x1



umpluturi
x11



Blocare axului
x10



Conectori cu
3 orificii x2



5,5"
axă x1



3,5"
corec
x2



Mare
angrenaj drept
bicicleta x1



Frontal mijlociu
roata din
atâ x1



Angrenaj mic
x1

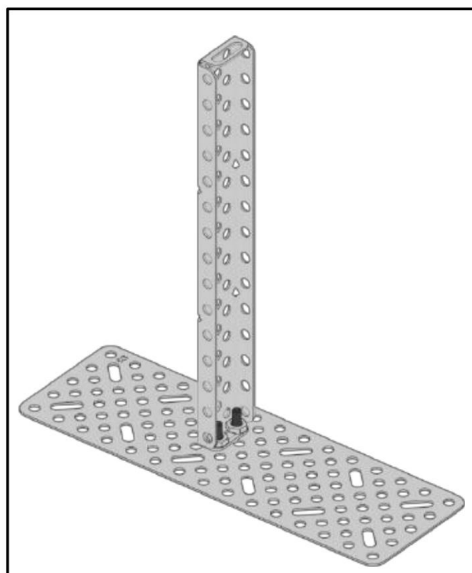
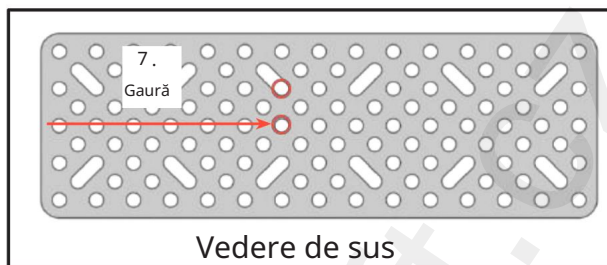
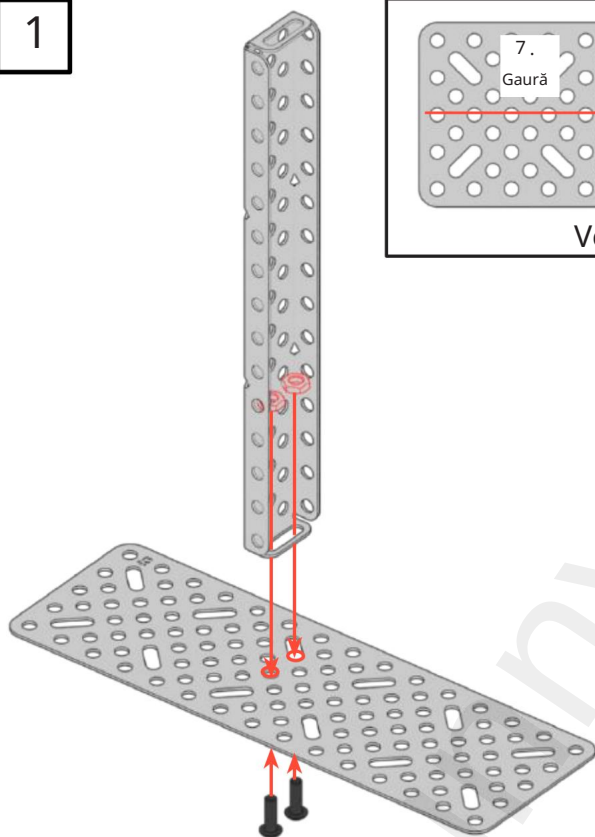


șuruburi de 12
mm x14

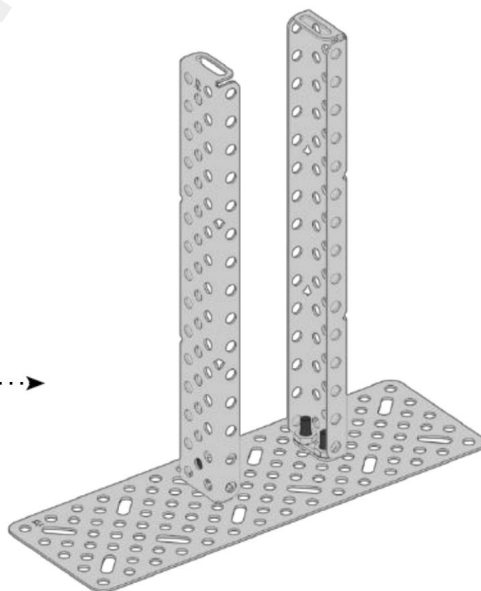
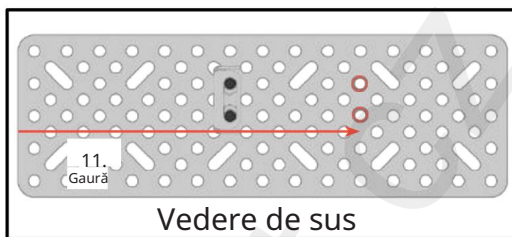
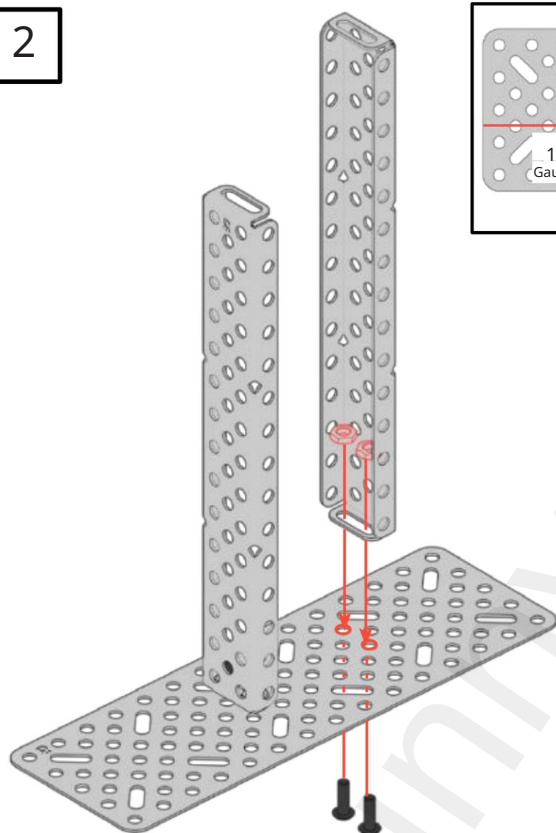


piuli
x14

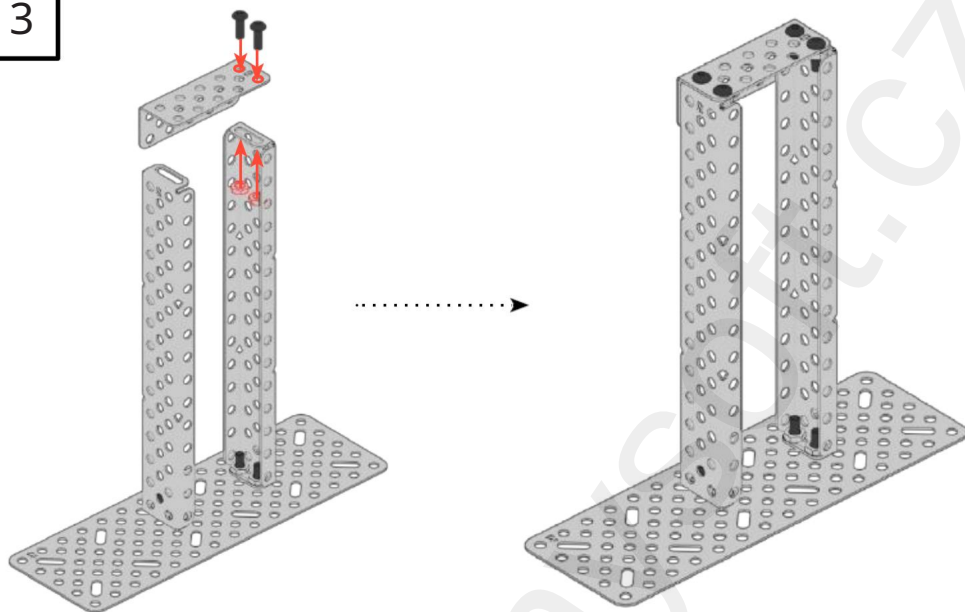
1



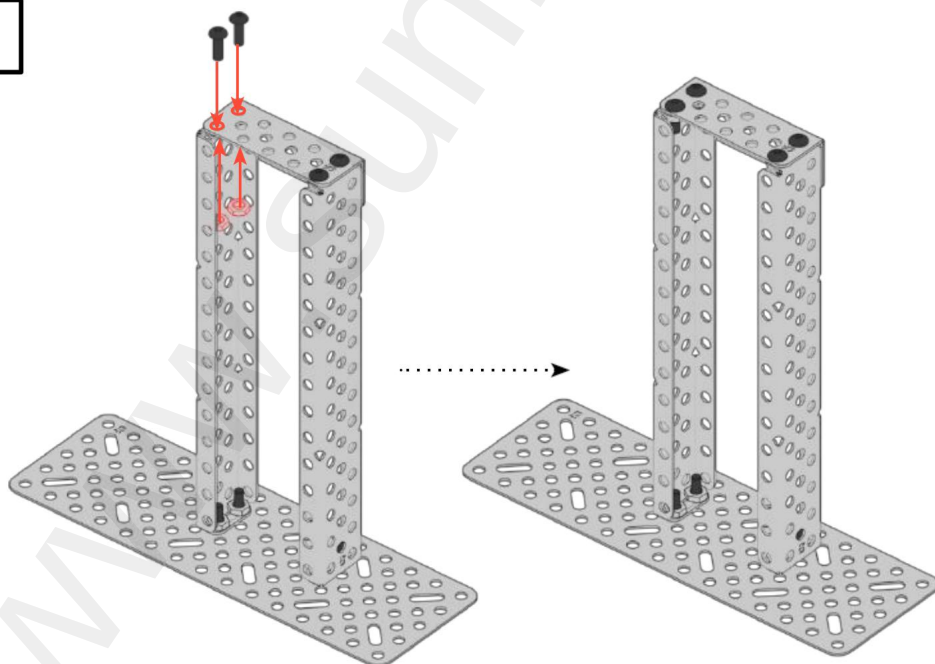
2



3

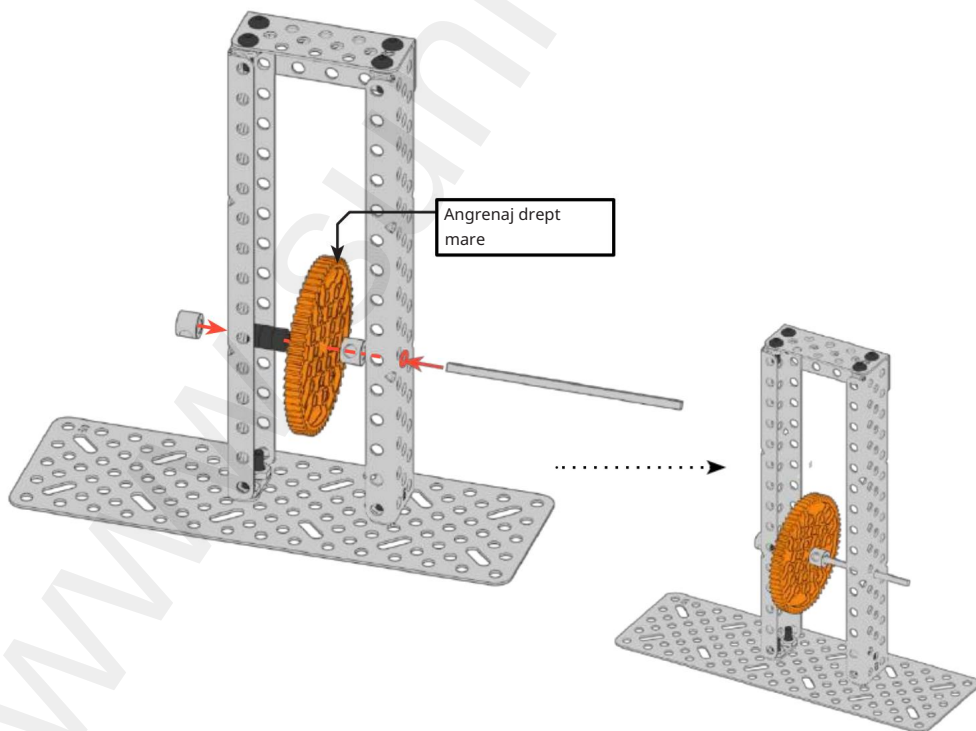
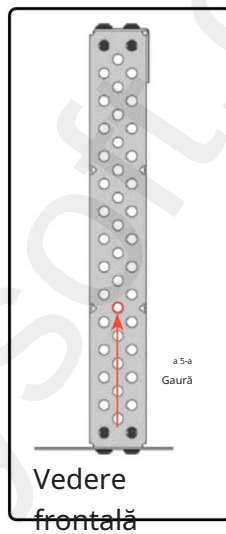
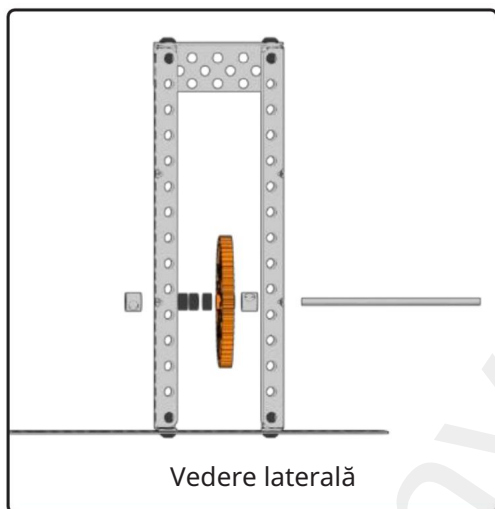


4



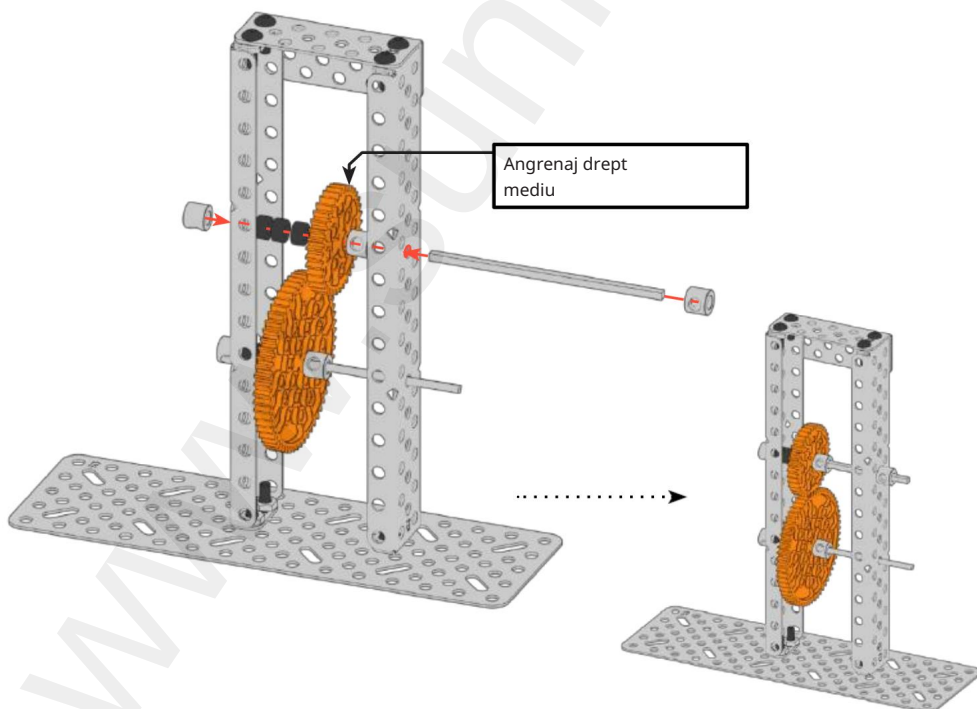
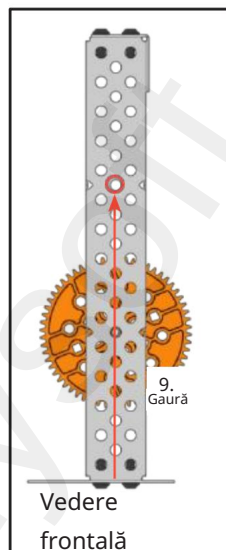
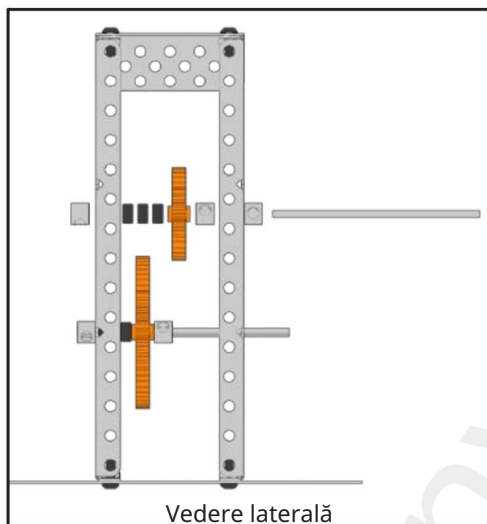
5

1:1 Remediu 3.5

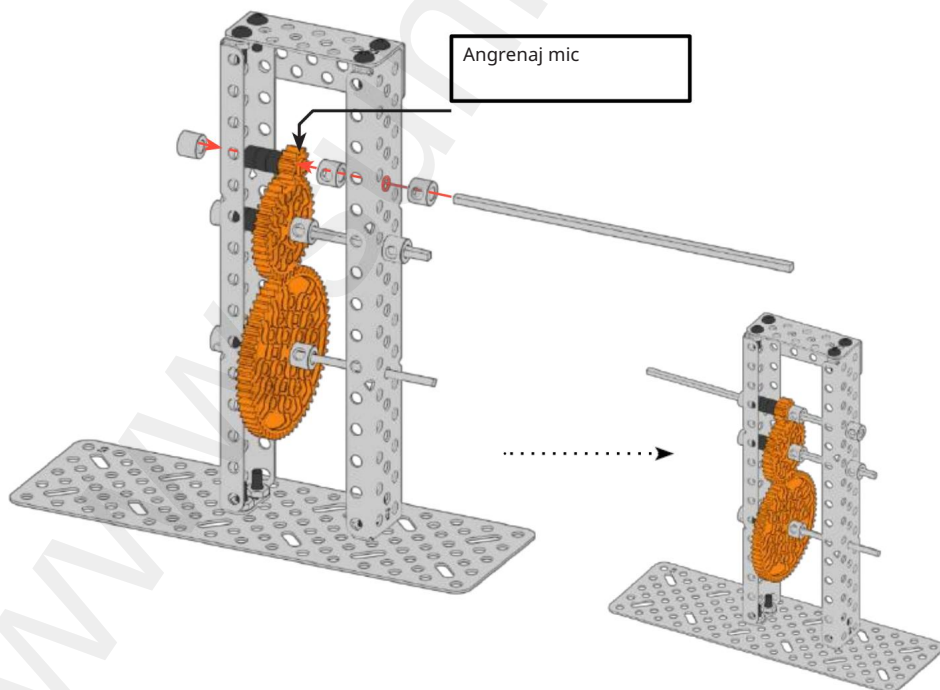
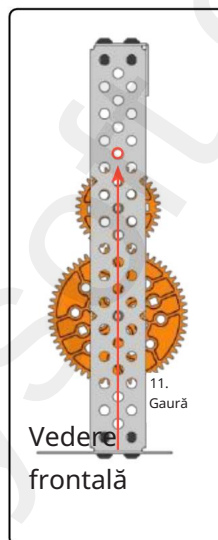
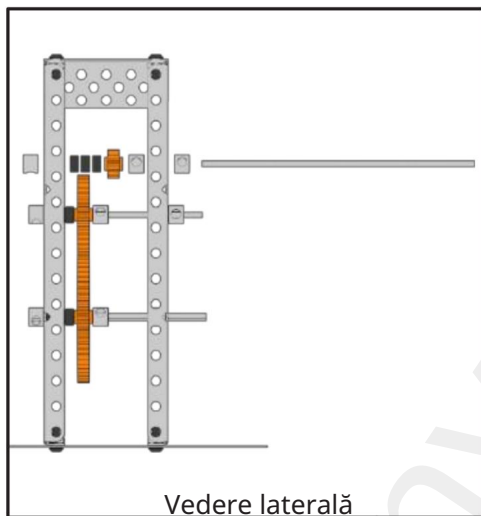


6

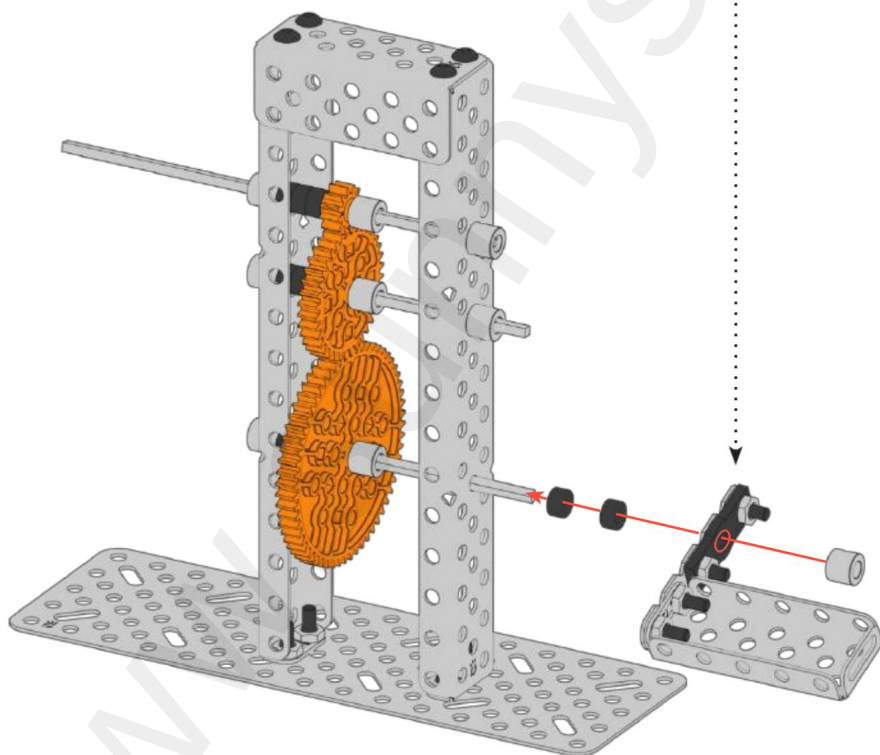
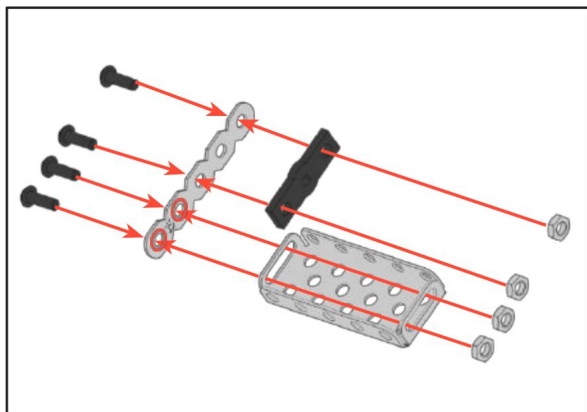
Remediu 1:1 3,5



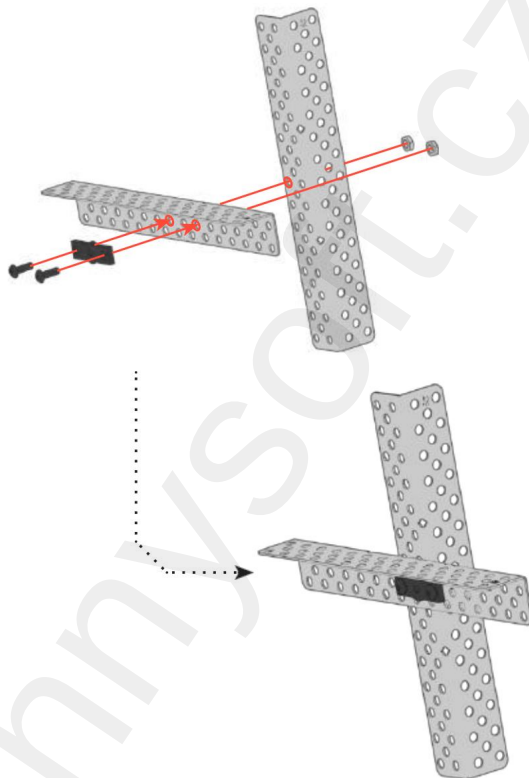
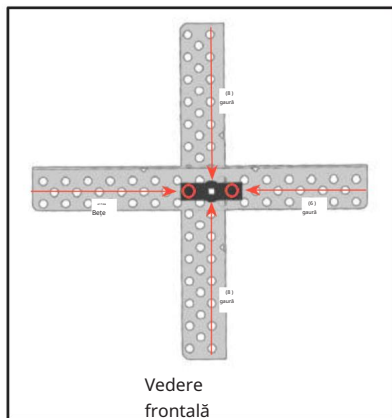
7



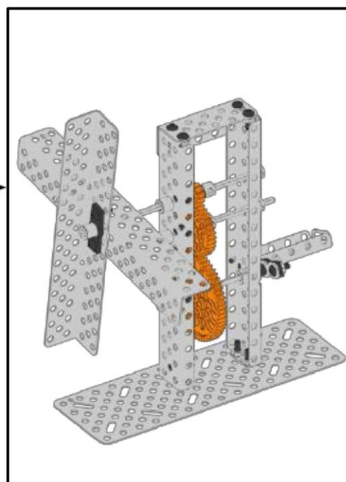
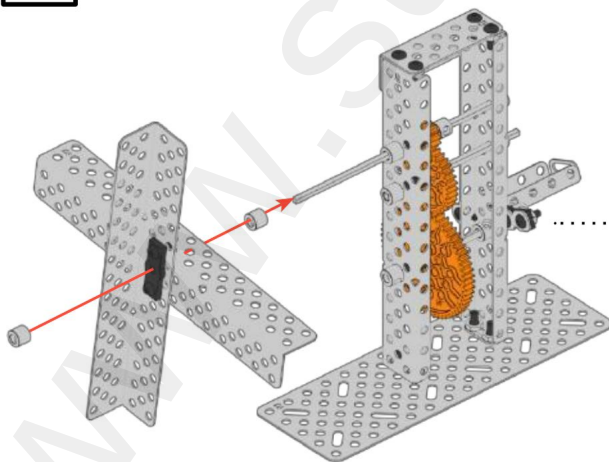
8



9

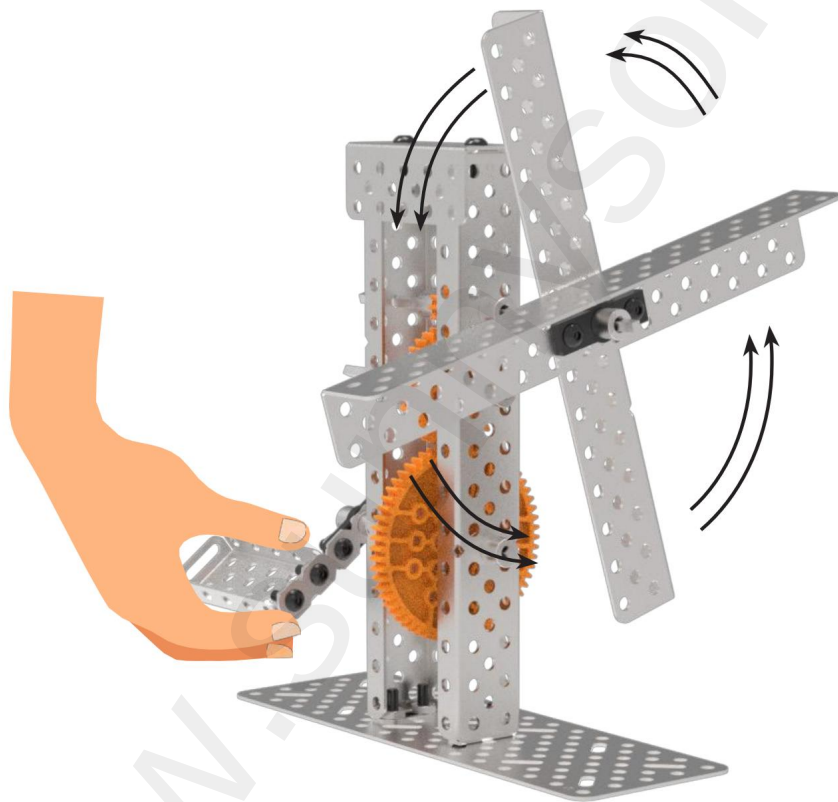


10

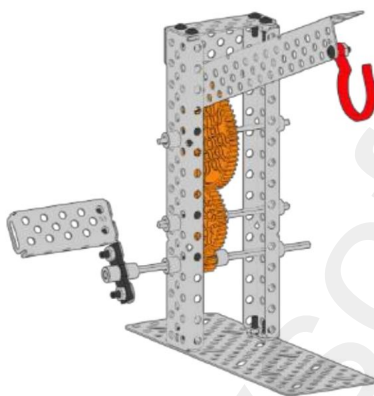


Cum să te joci cu un ventilator

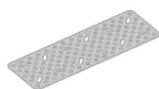
- Folosiți pârghia/mânerul pentru a porni ventilatorul.



Proiectul 3: Macara



De ce vei avea nevoie?



7,5"
Placa dreptunghiulară
x1



7,5"
Canal L x1



7,5"
grindă în U x2



2,5"
Canal L x1



2,5"
Flexi mic x1



2,5"
grindă în U x1



Axa de 5,5" x1



Axa
de 3,5"
x2



conectori cu 3
orificii x1



Roată dințată
mare x1



Angrenaj drept
mijlociu x1



Angrenaj mic
x1



Blocare axului
x11



umpluturi
x9



Nuci
x15

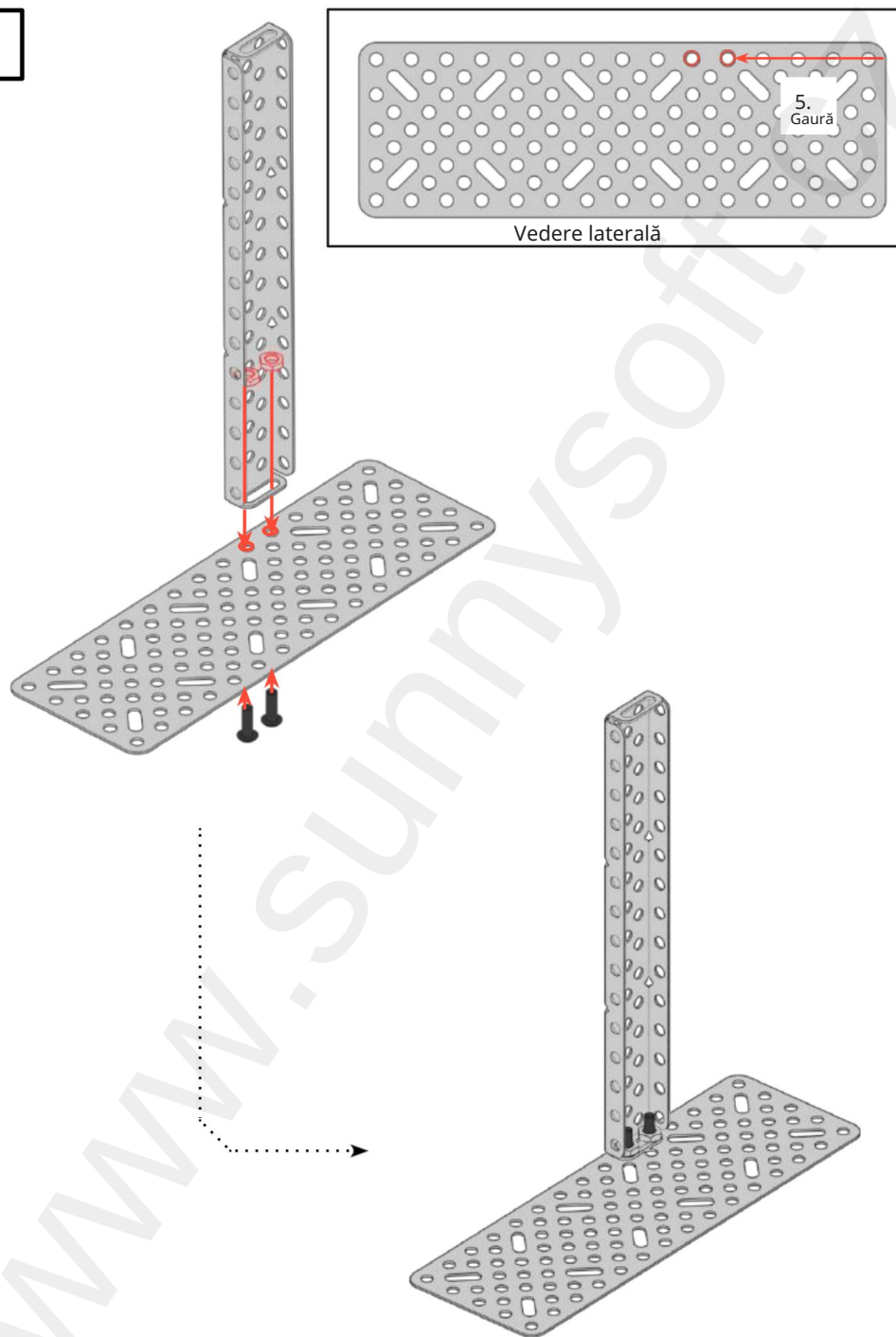


șuruburi de 12 mm
x15

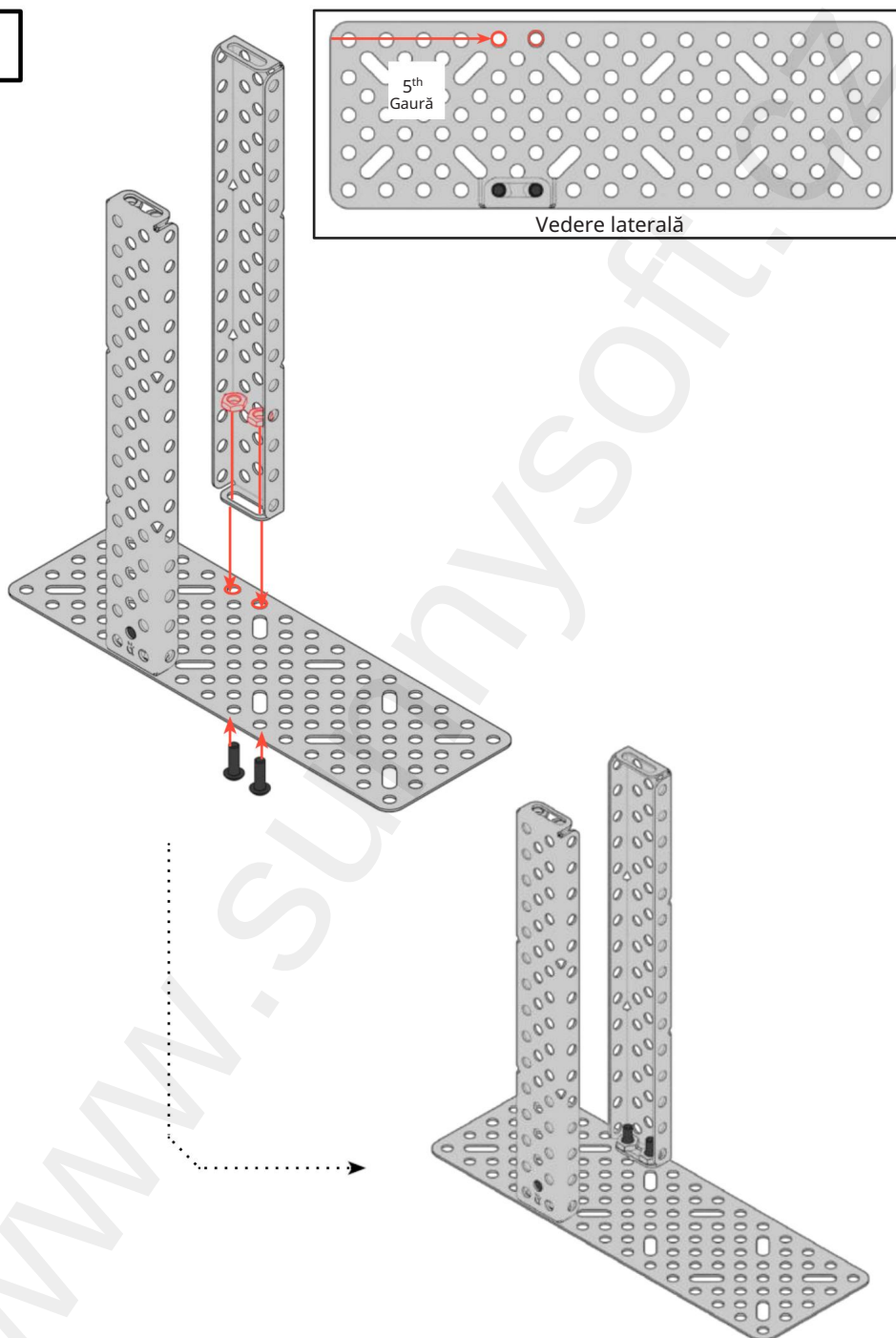


Cârlig din plastic x1

1

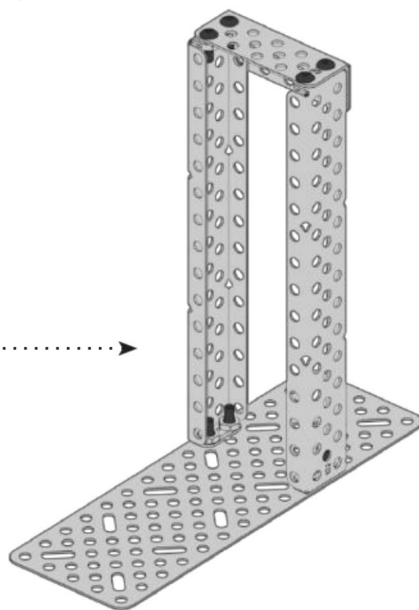
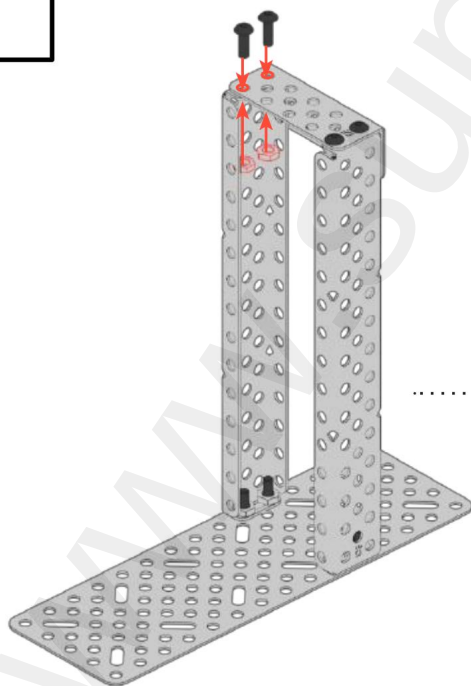
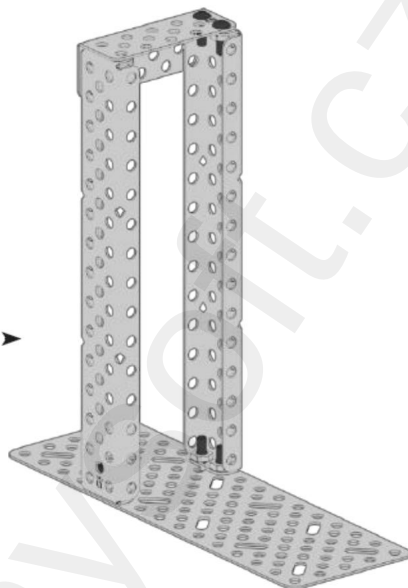
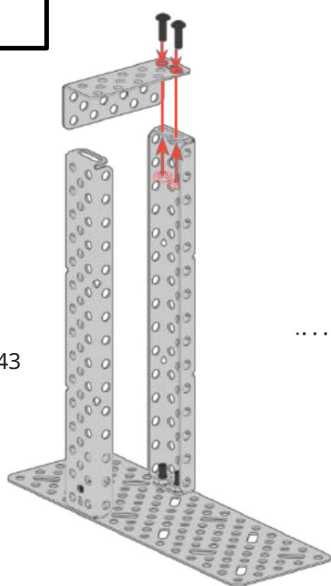


2

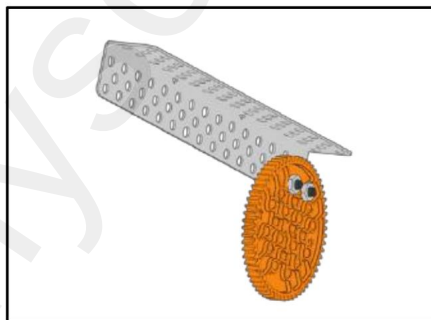
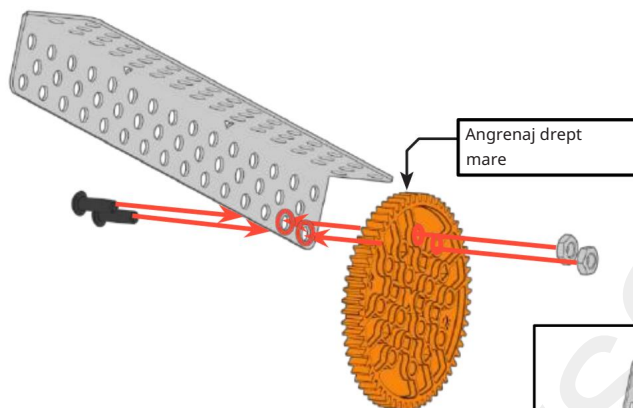




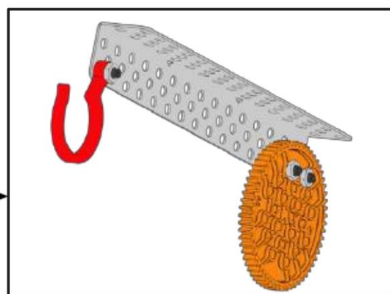
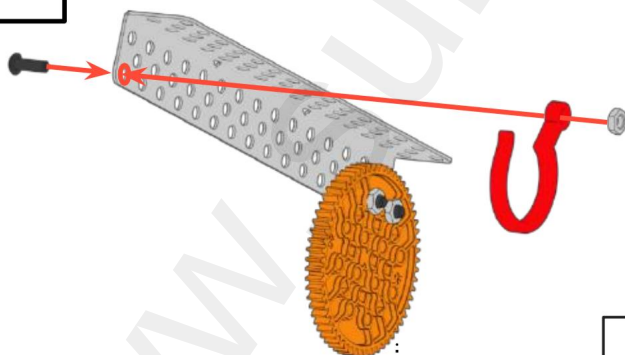
43



5

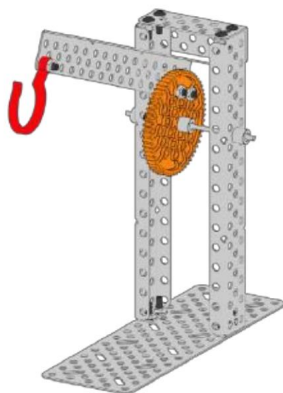
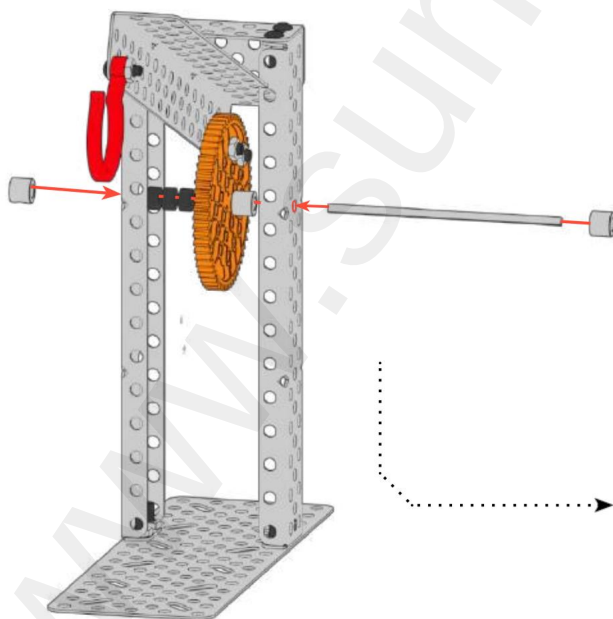
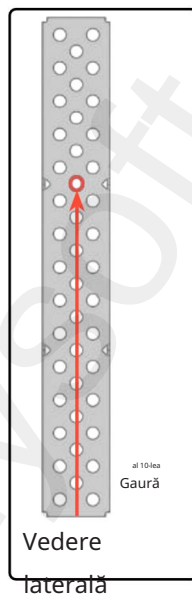
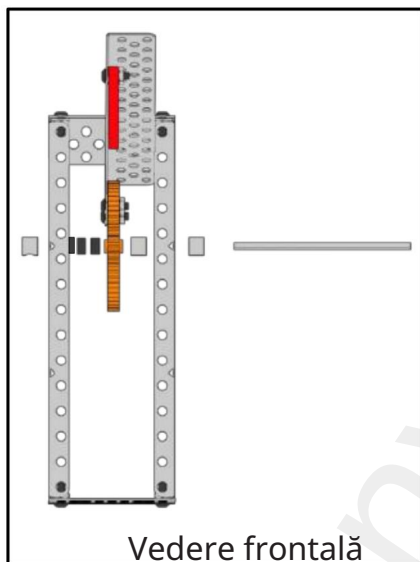


6



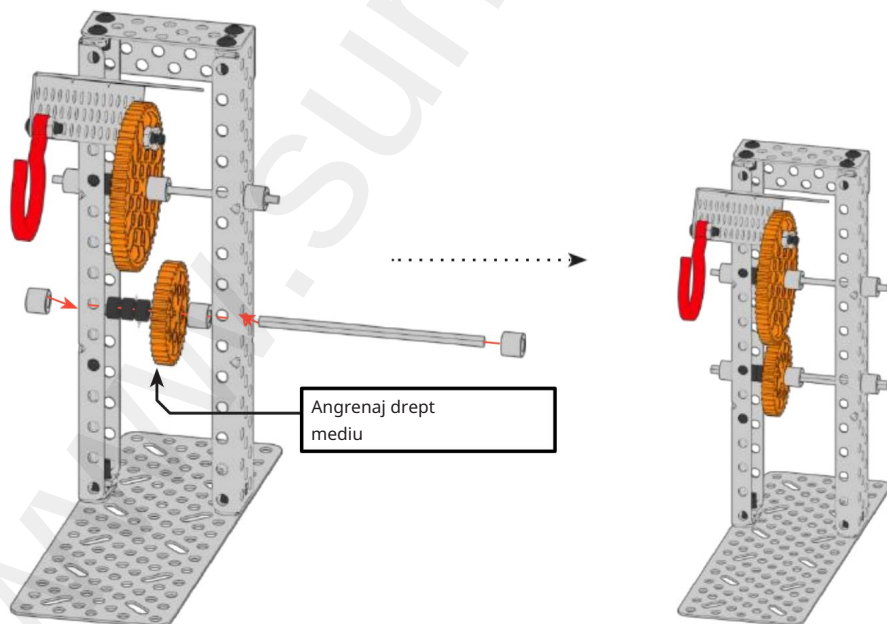
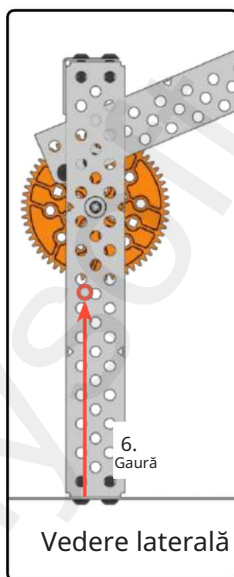
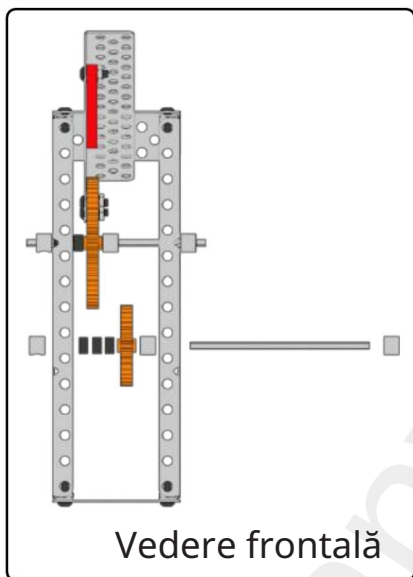
7

Remediu 1:1 3.5

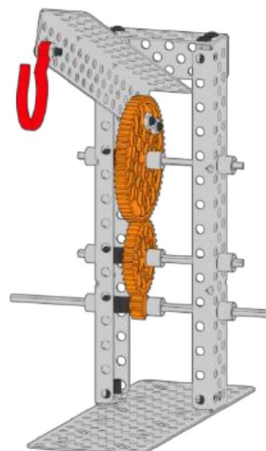
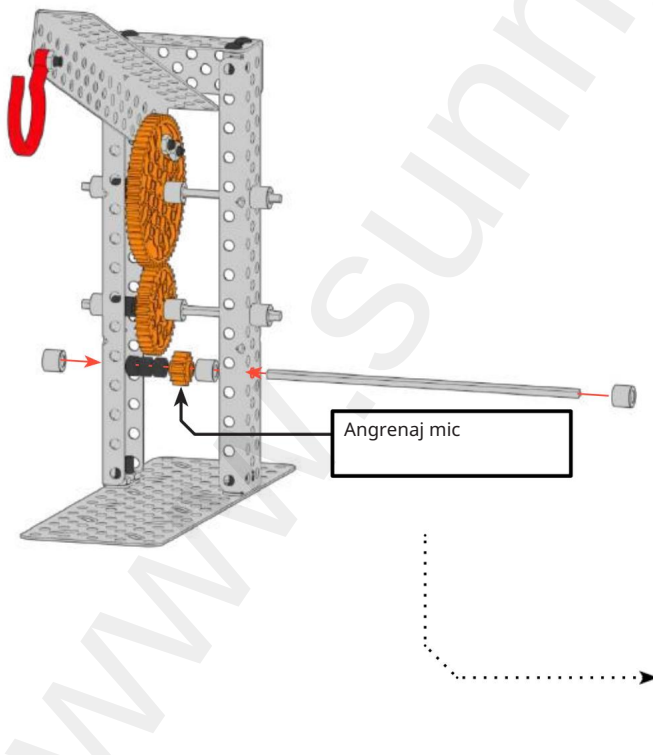
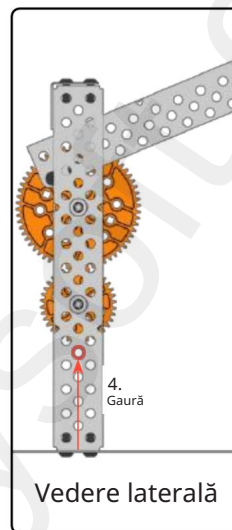
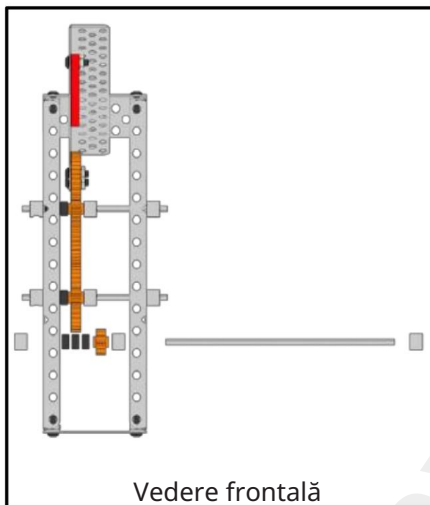


8

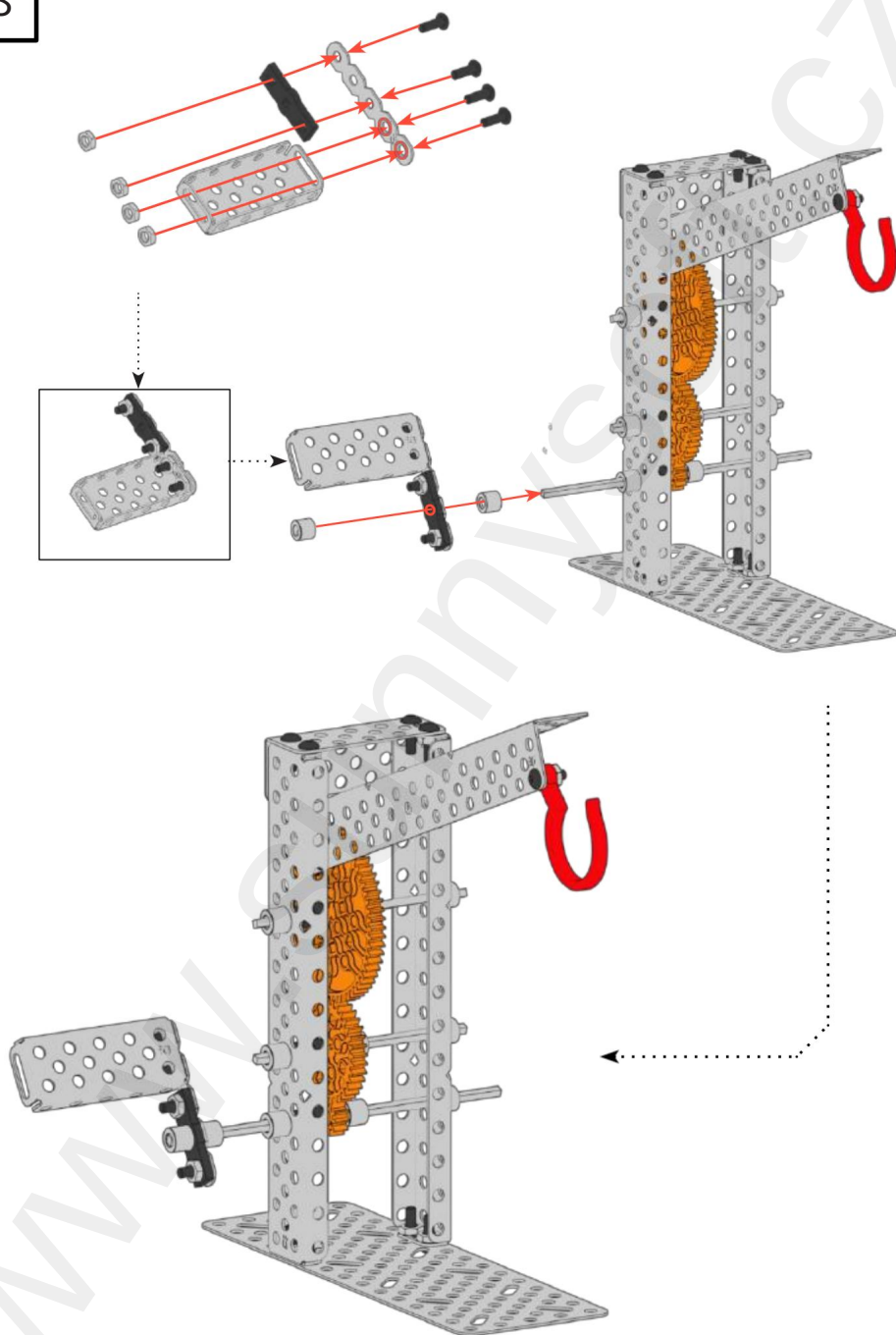
Remediu 1:1 3.5



9

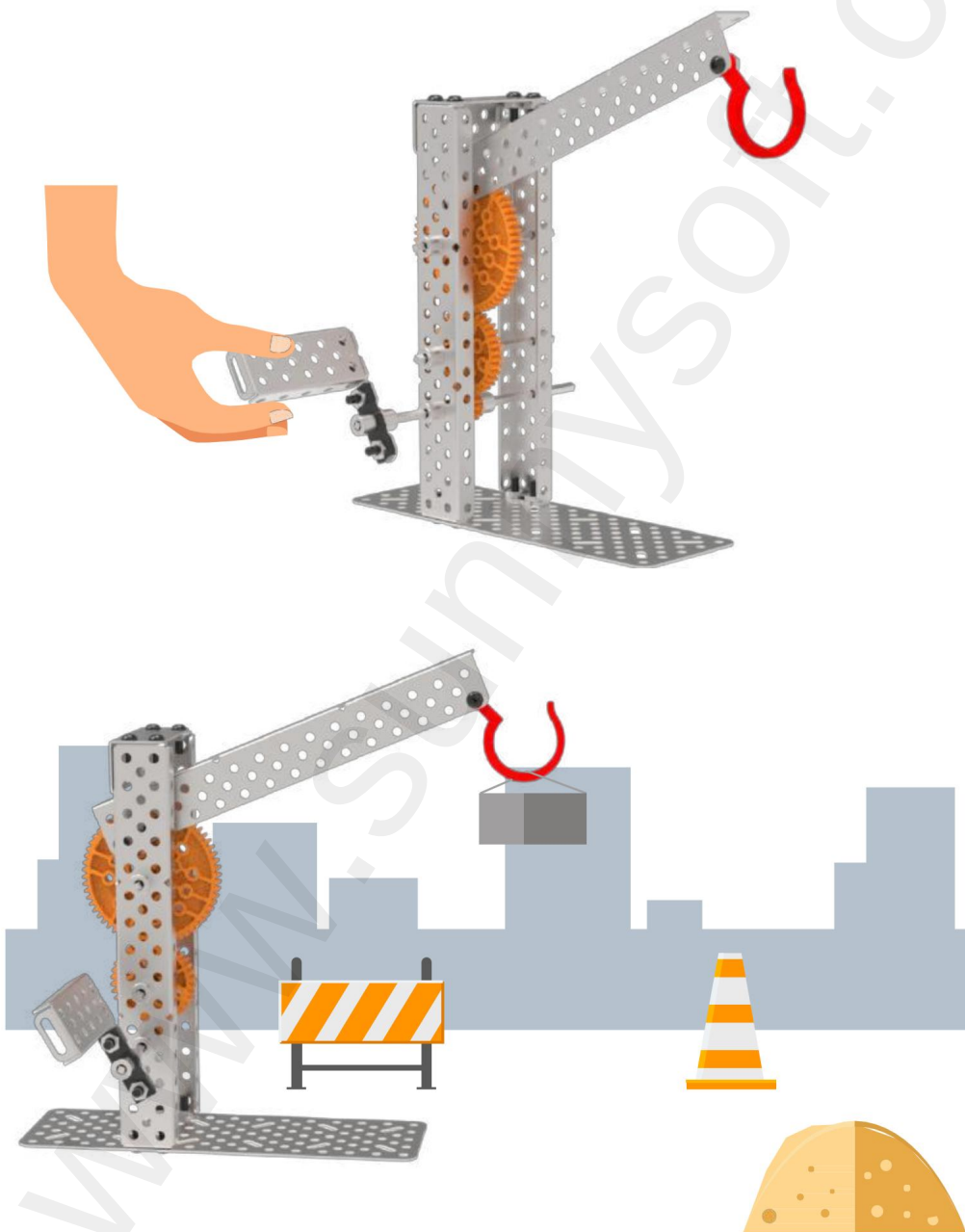


8

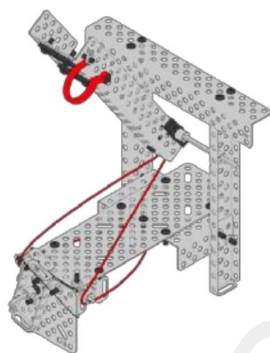


Cum să te joci cu o macara

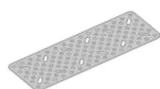
- Rotiți maneta/mânerul pentru a ridica obiectul și macaraua.



Proiectul 4: Catapulta



De ce vei avea nevoie?



7,5"
Placa

dreptunghiulara x1



7,5"
Canalul L
x2



7,5"
grindă în U
x2



2,5"
Canalul L
x3



2,5"
Flexi
x1



2,5"
grindă în U
x3



Umpluturi x1



Blocare axului
x9



Conectori cu
3 gauri x5



5,5"
axă x1



axă de 3,5"
x2



2,5"
Canal L x1



șuruburi de 12
mm x31



piuli ă
x31



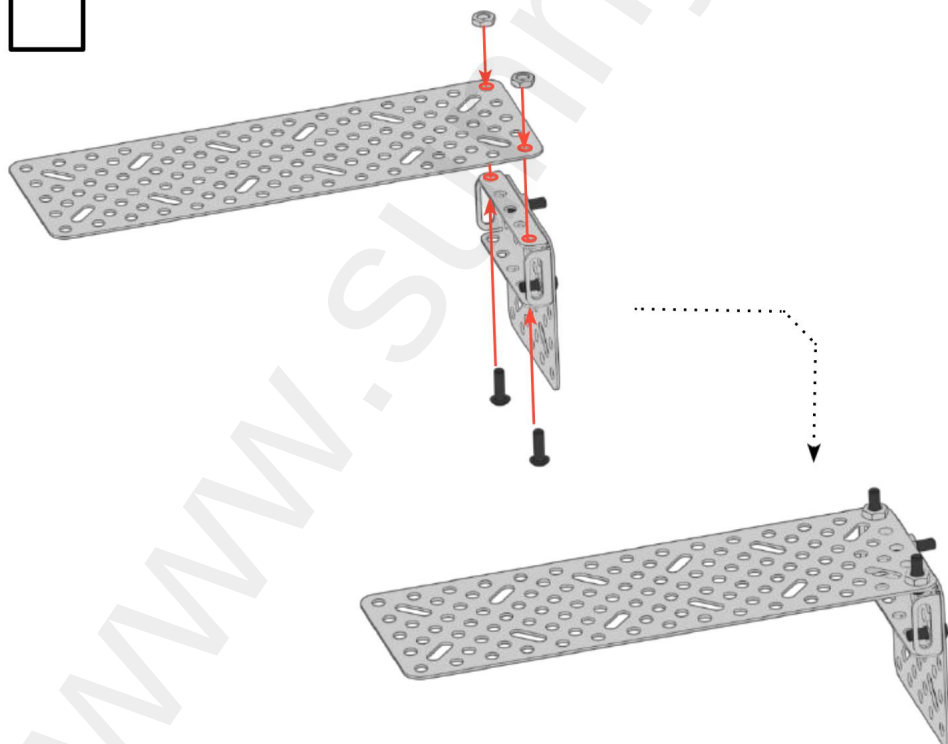
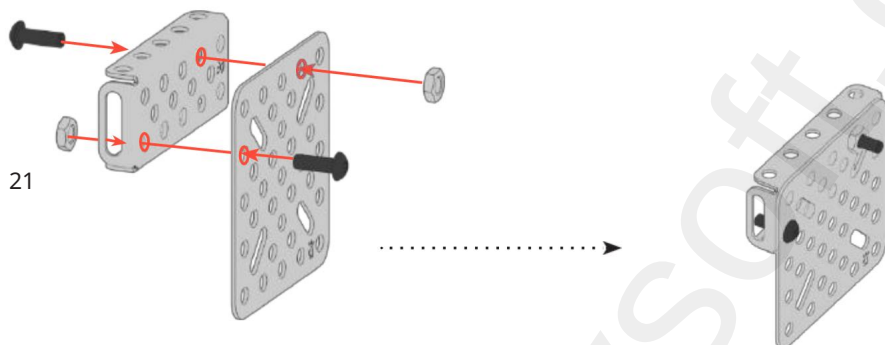
Cârlig din plastic
x1



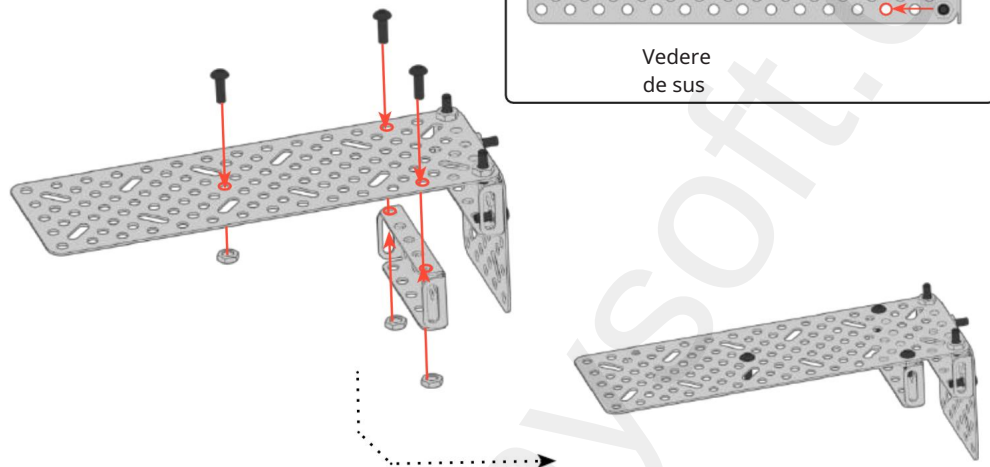
Cauciuc mare
bandă
x1



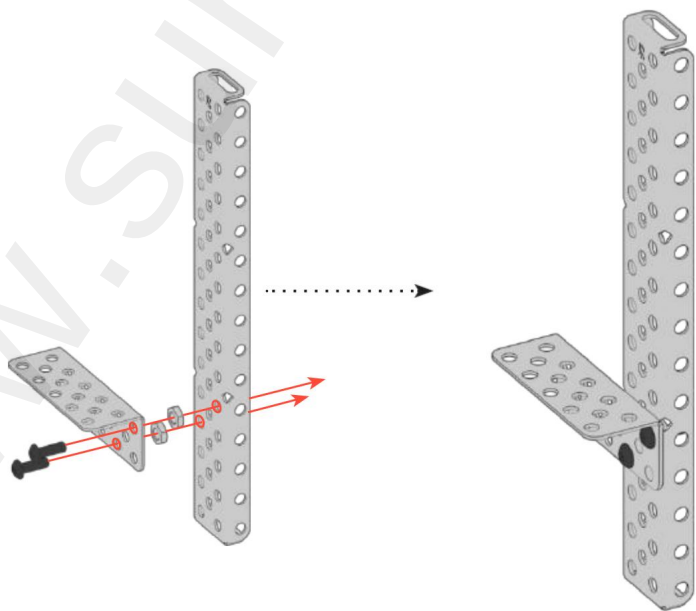
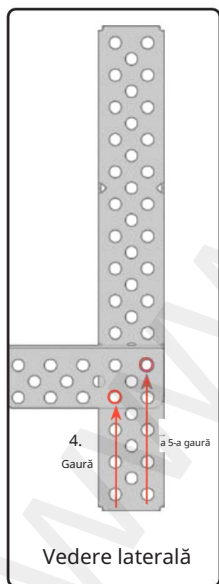
Cauciuc mic
bandă
x1



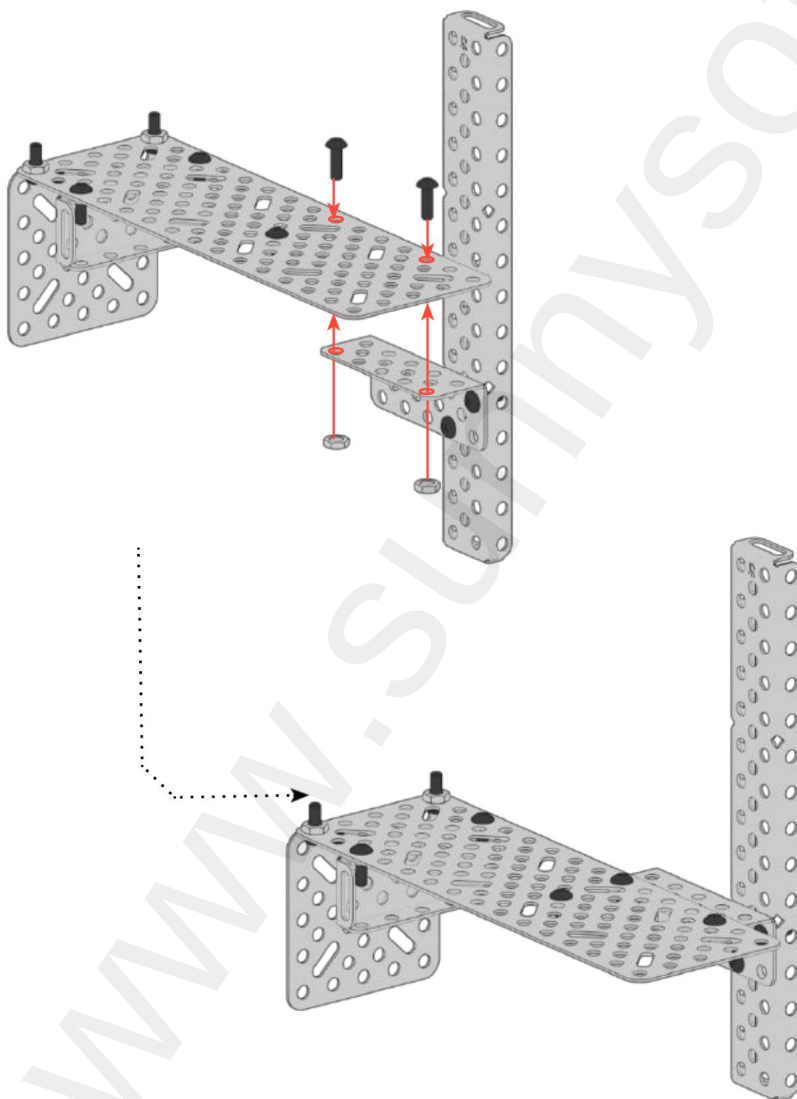
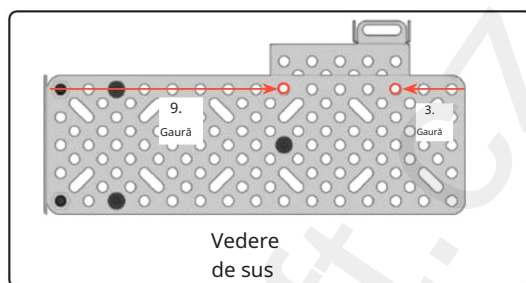
3



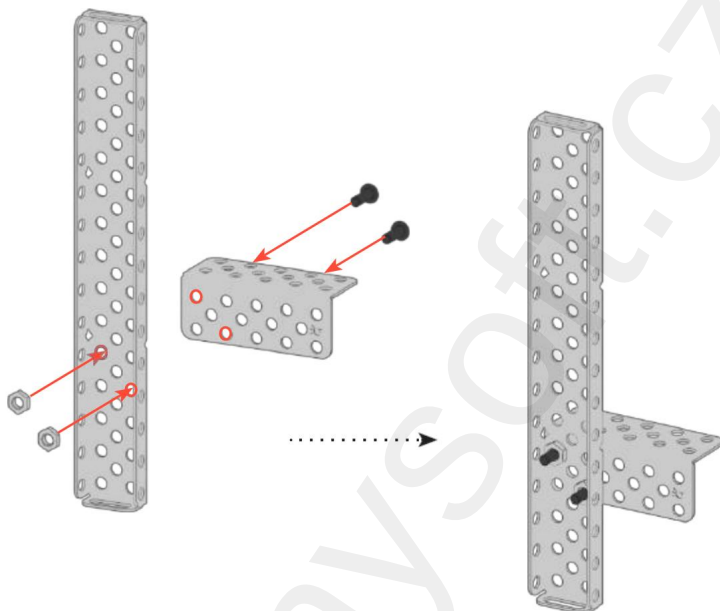
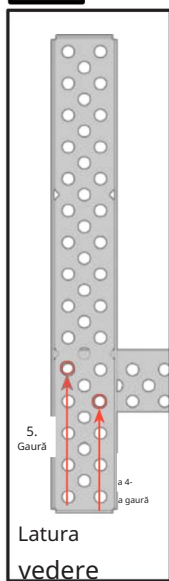
4



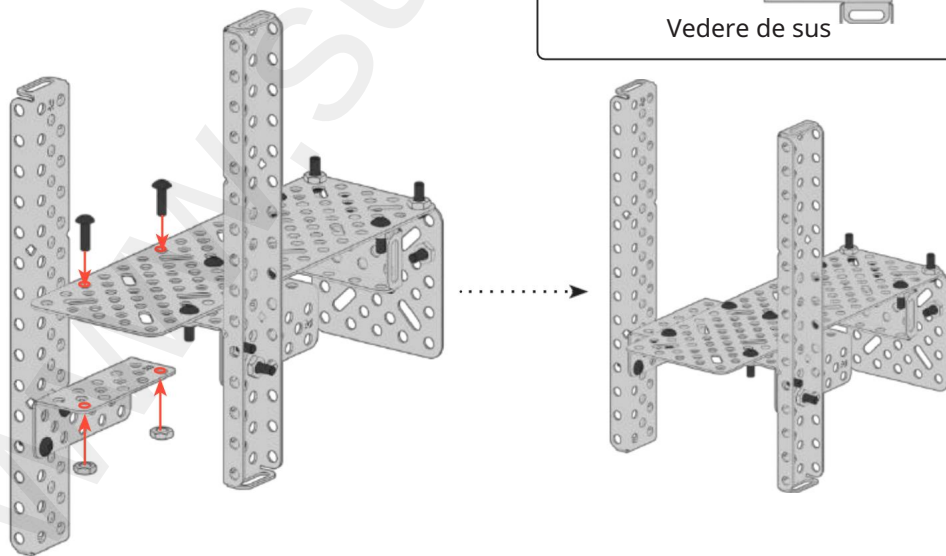
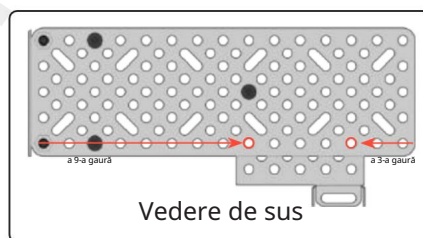
5



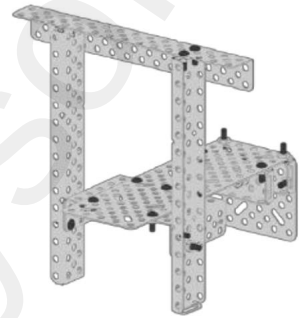
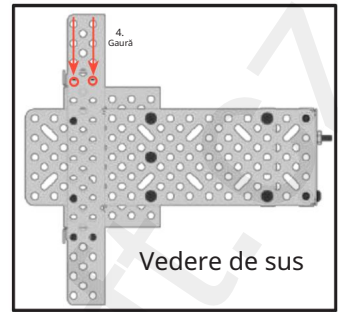
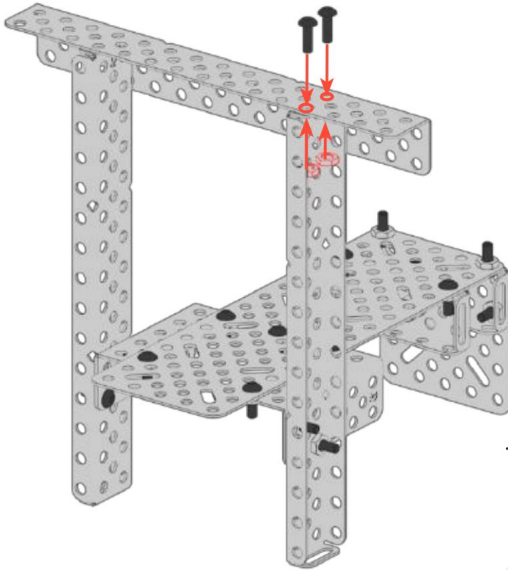
6



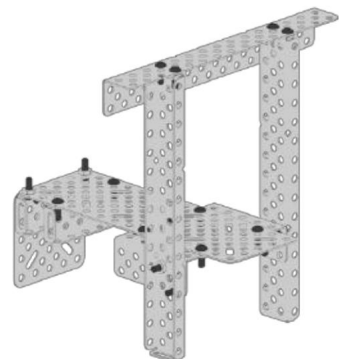
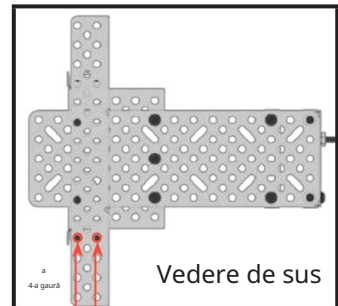
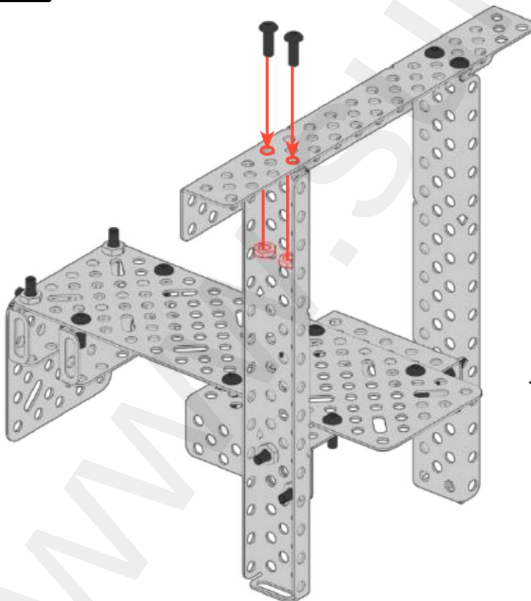
7



8

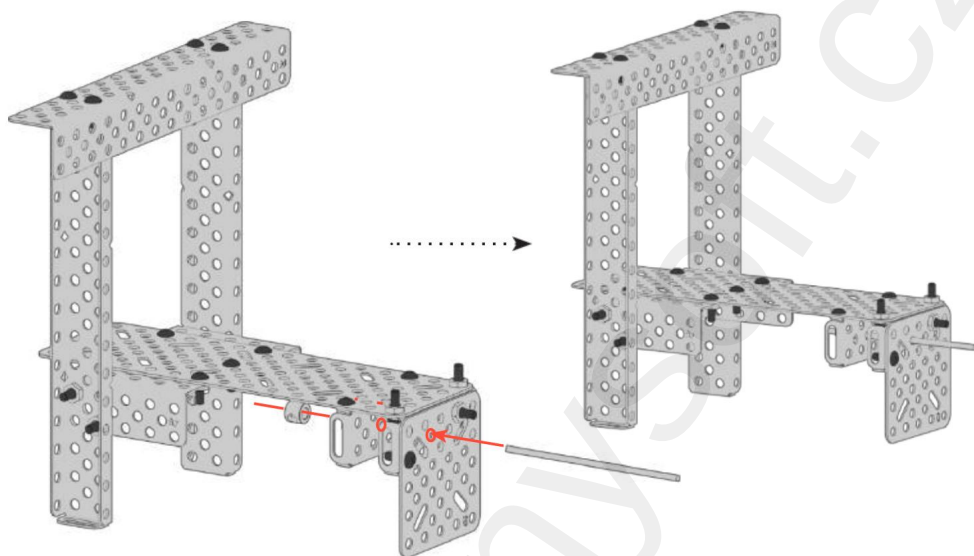


9



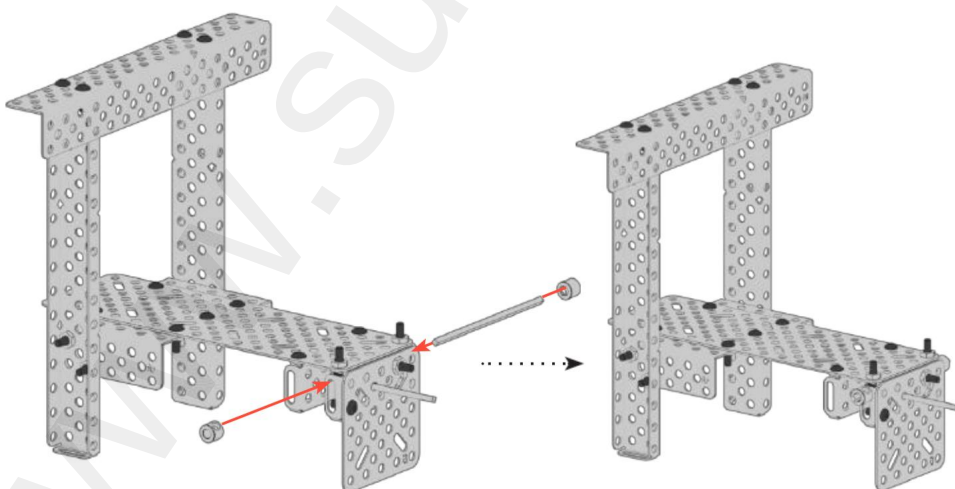
10

Remediu 1:1 3.5

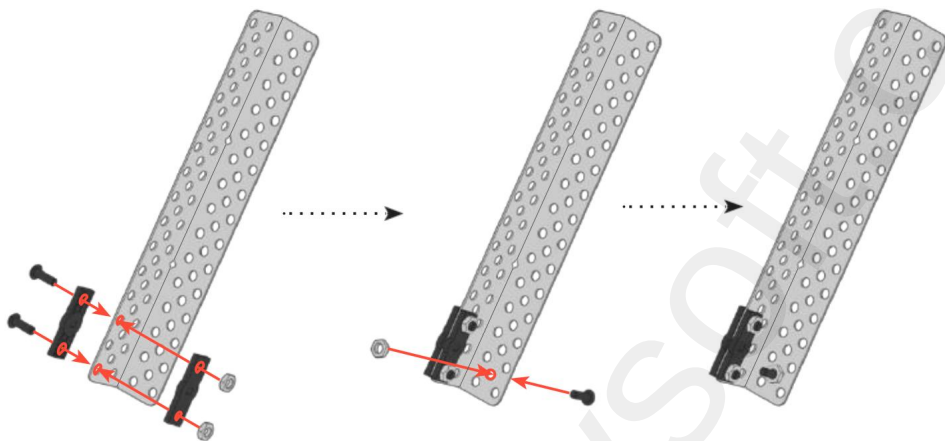


11

Remediu 1:1 3.5

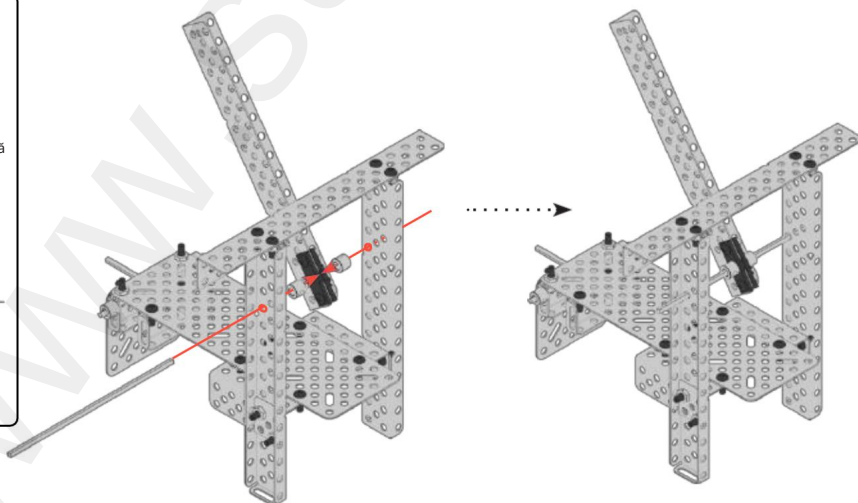
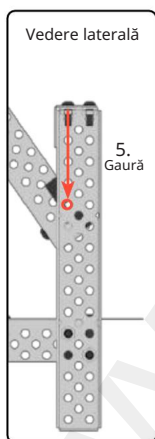


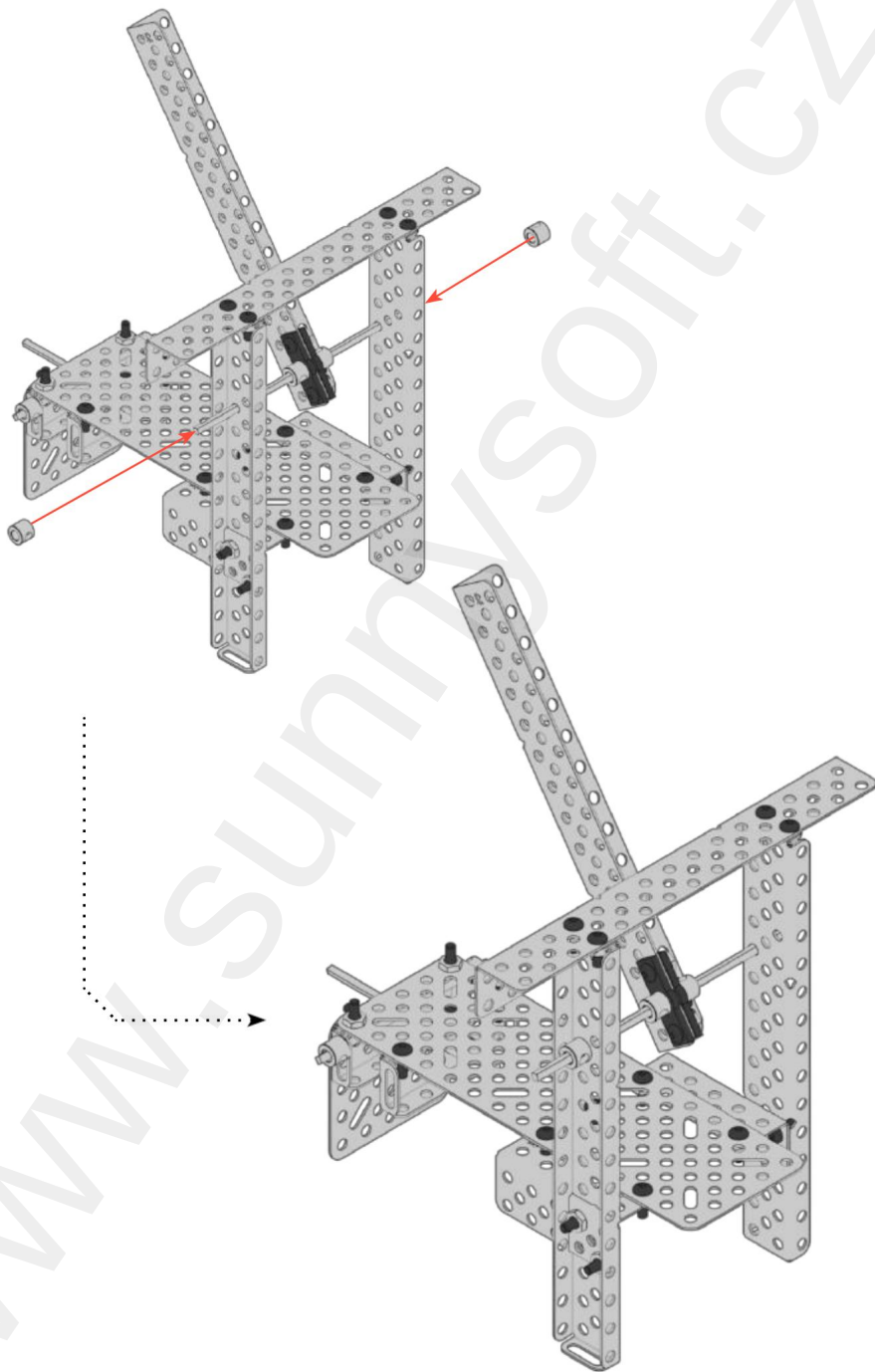
12



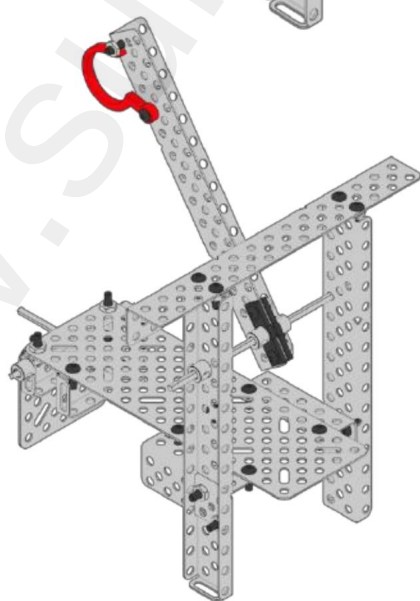
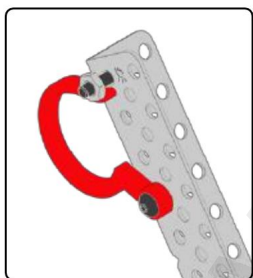
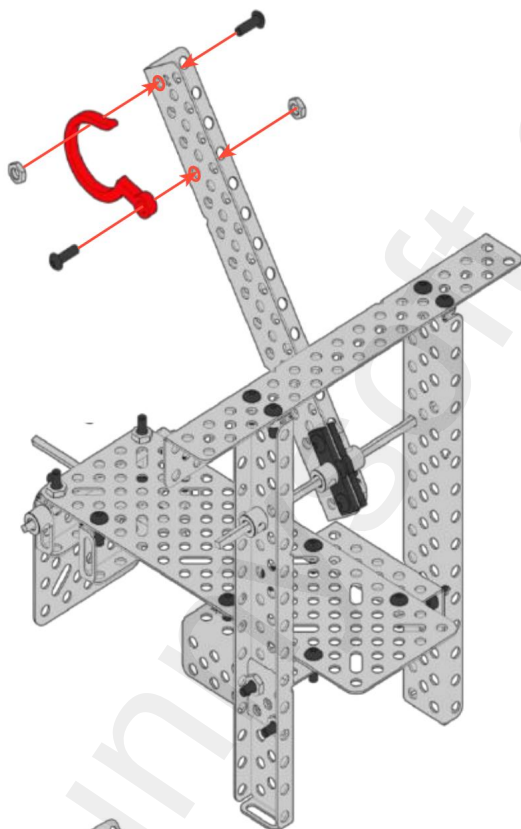
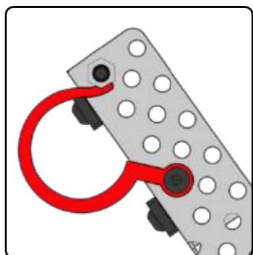
Remediu 1:1 5.5

13

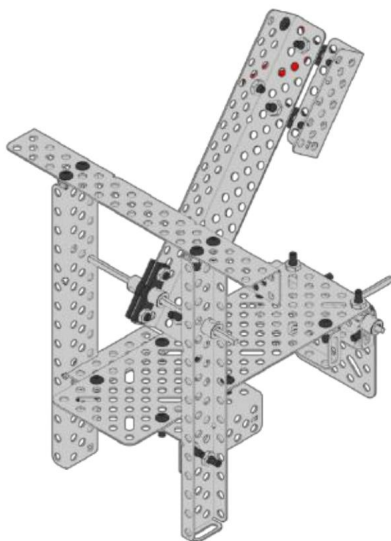
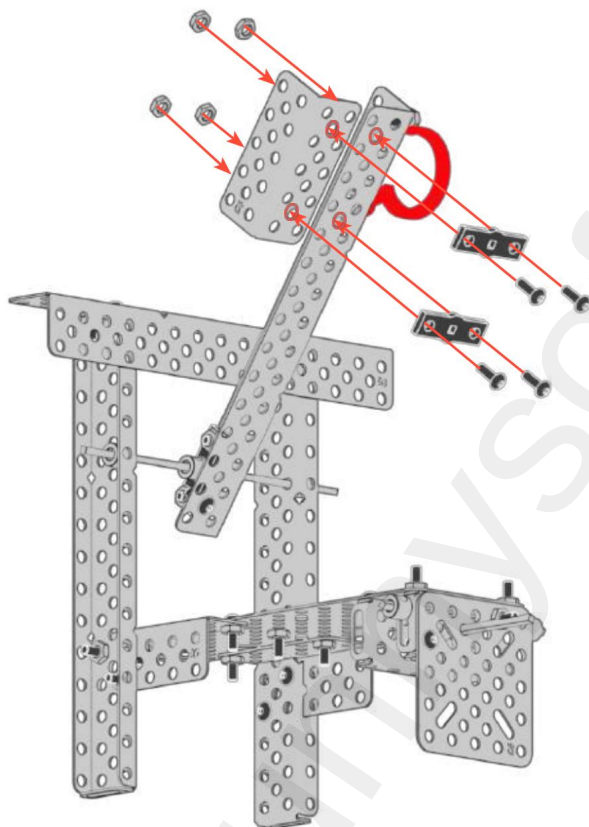




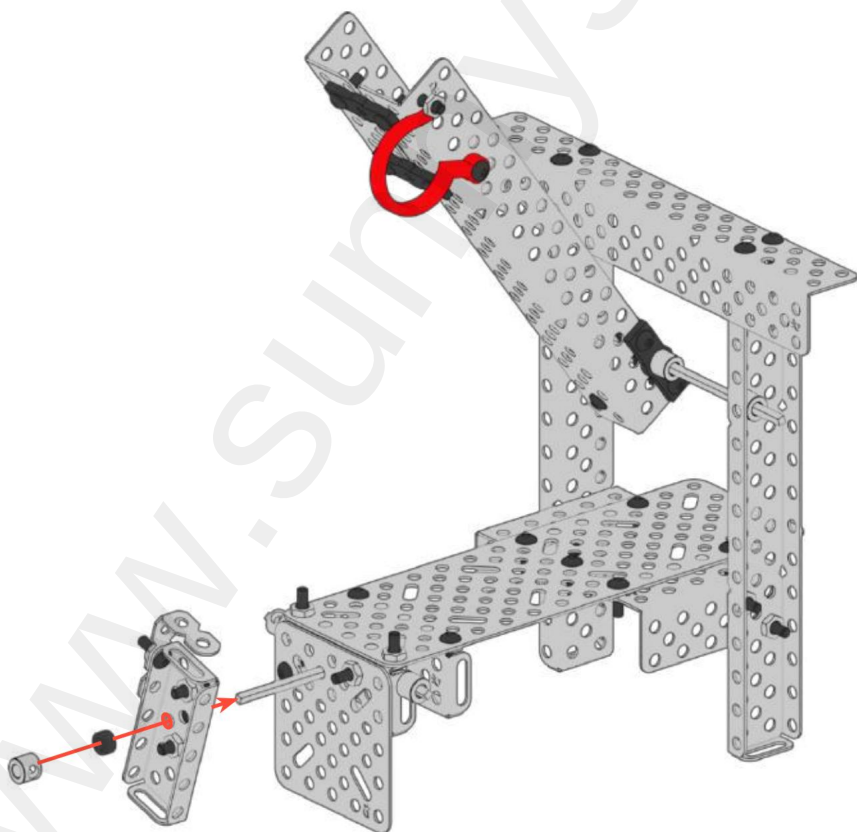
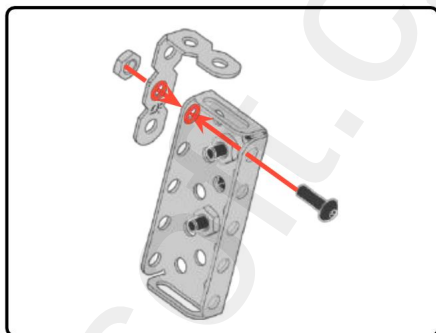
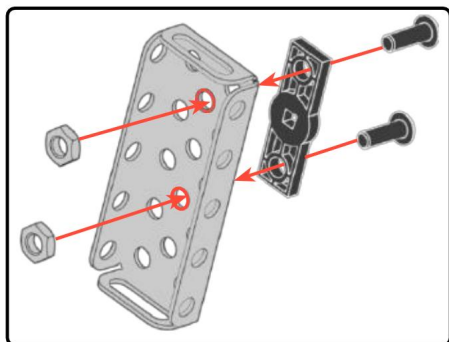
15



16

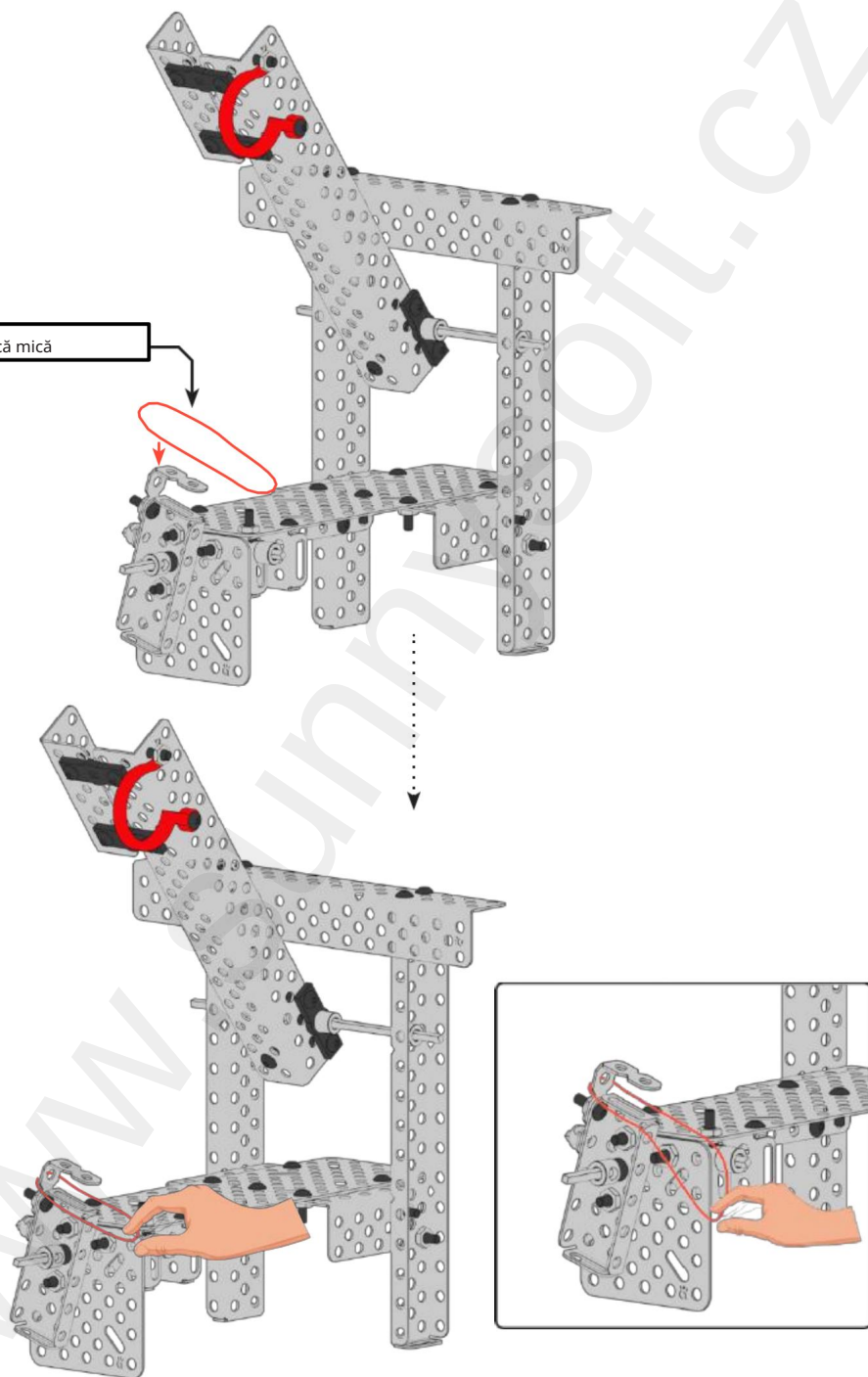


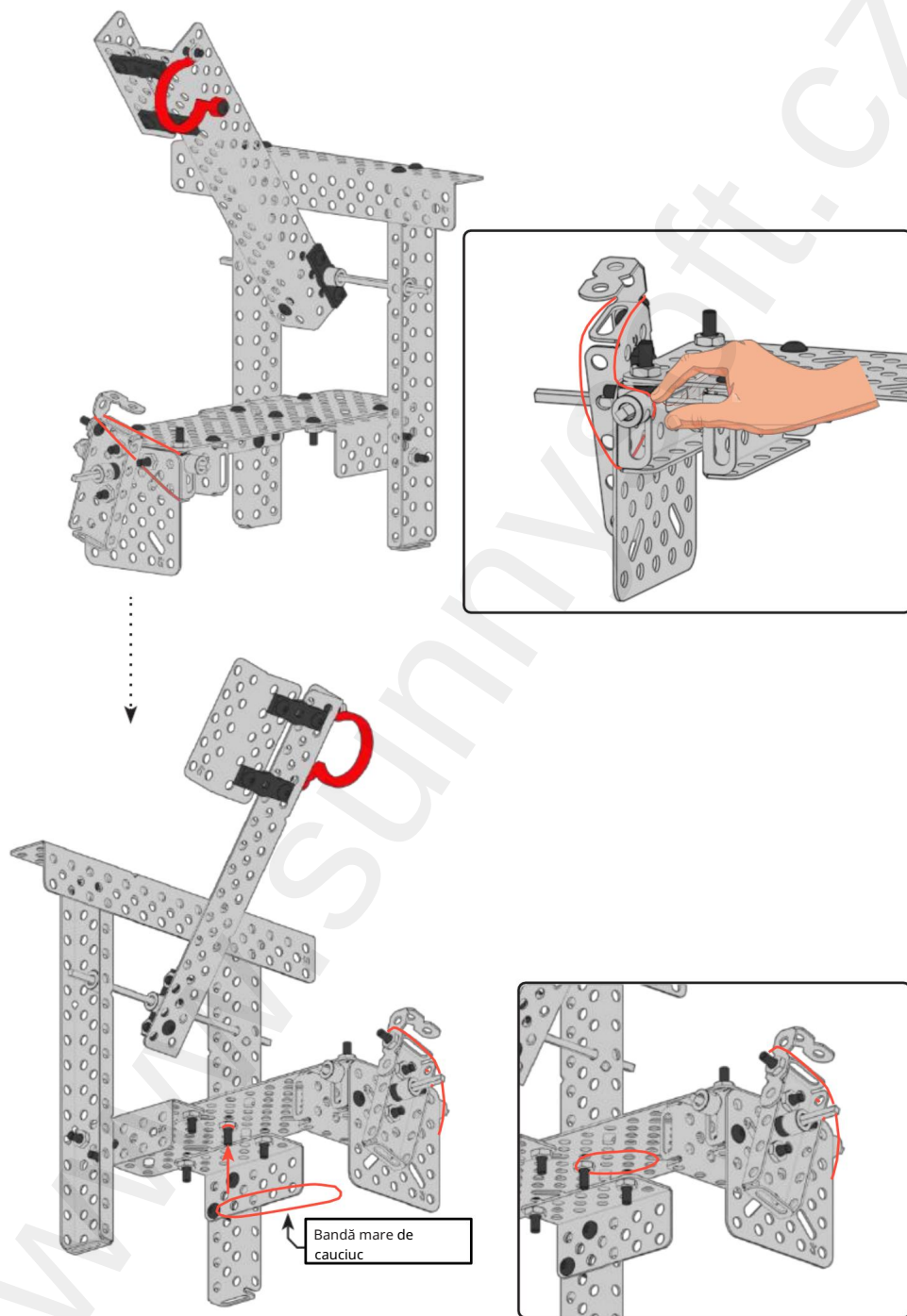
17

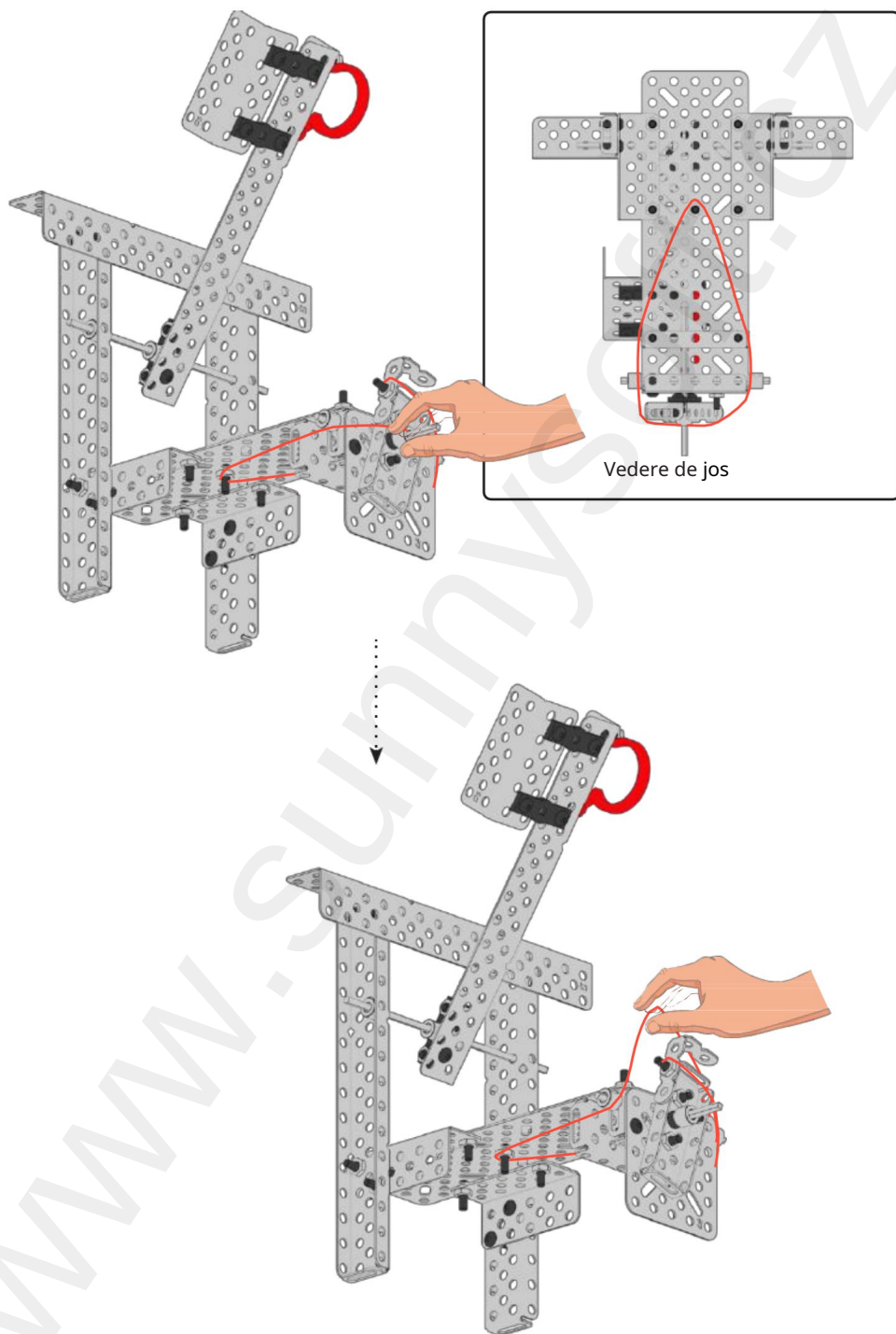


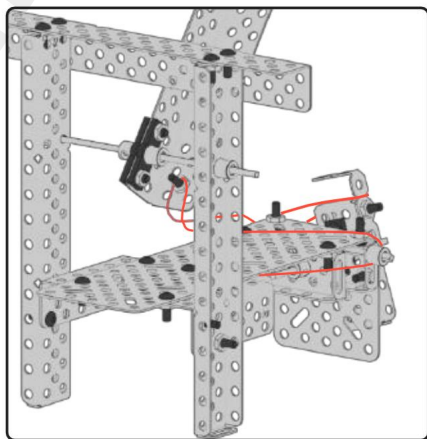
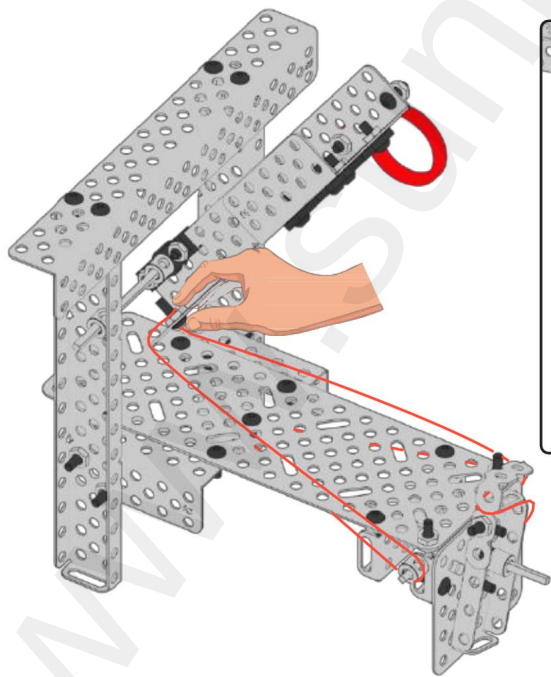
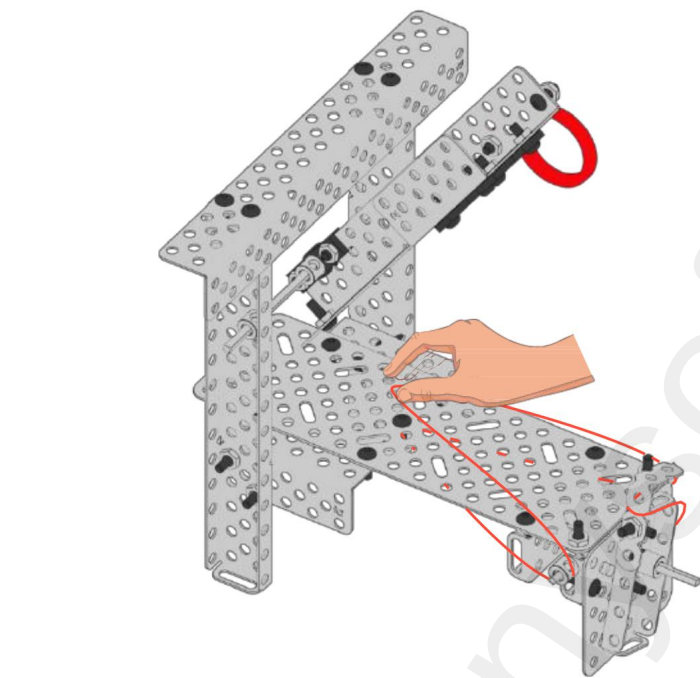
18

Bandă elastică mică



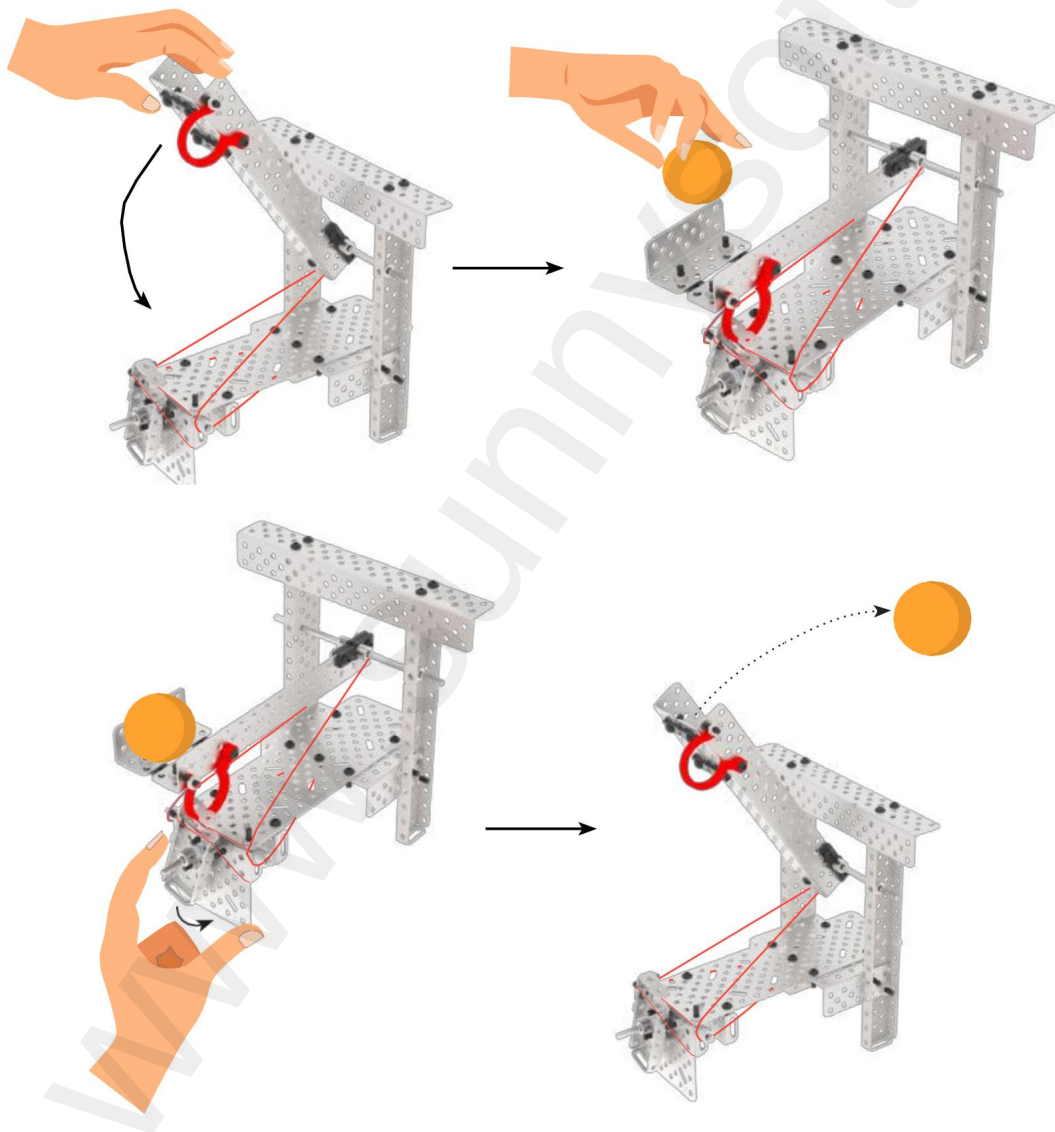




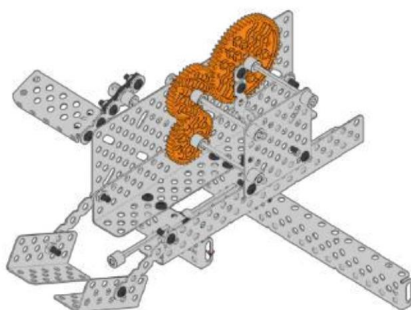


Cum să joci cu o catapultă

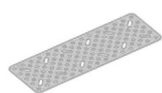
- Trageți brațul în jos
- Puneți încuietoarea.
- Așezați mingea.
- Eliberați încuietoarea.
- Mingea merge înainte.



Proiectul 5: Ball Shooter



De ce vei avea nevoie?



7,5"
Placă
dreptunghiulară
x1



7,5"
Canalul L
x2



7,5"
grindă în U
x1



2,5"
Canalul L
x2



2,5"
Flexi
x5



2,5"
grindă în U
x2



Umpluturi x3



Blocare
corectii
x16



Conectori cu
3 gauri x3



axă de 5,5".
x2



3,5"
axa x2



2,5"
Canal L x1



Șuruburi de 12
mm x22



Nuci
x22



Cauciuc mic
bandă
x1

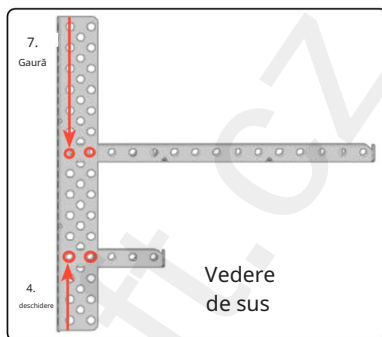
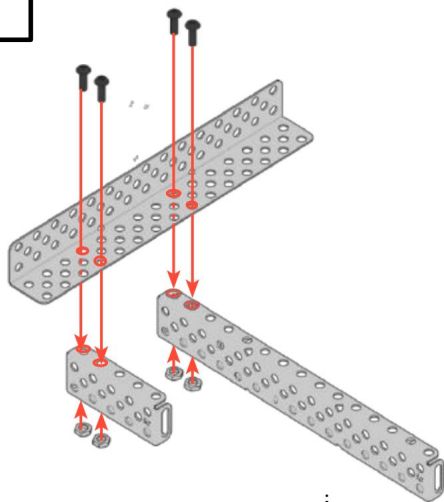


Frontal mare
roata dintata x1

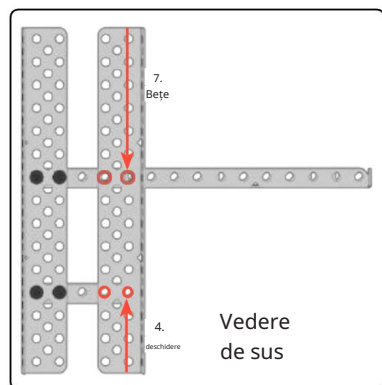
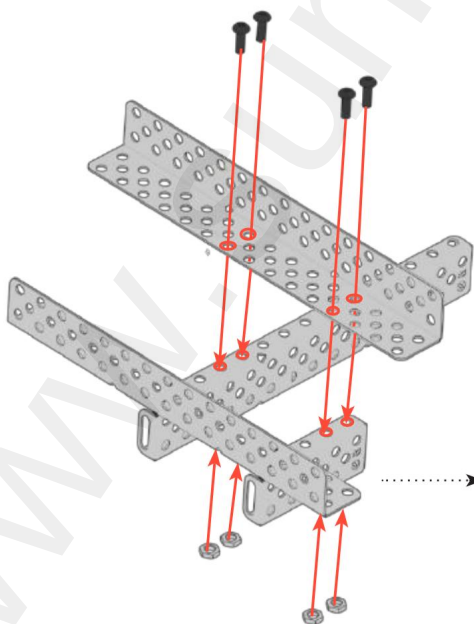


Frontal mijlociu
roata din ată
x2

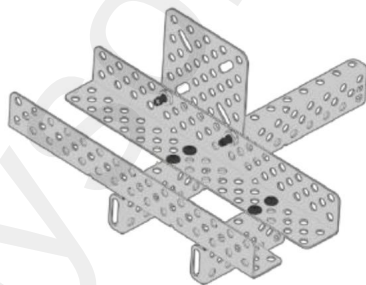
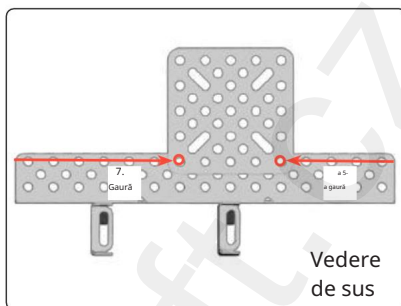
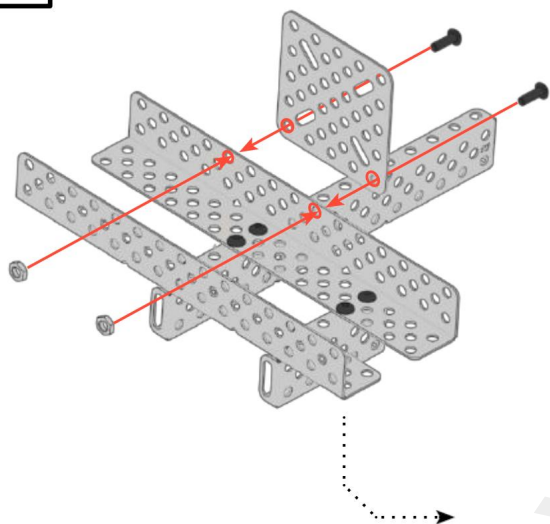
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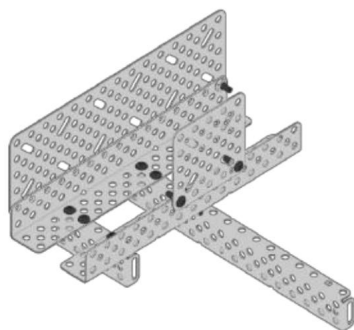
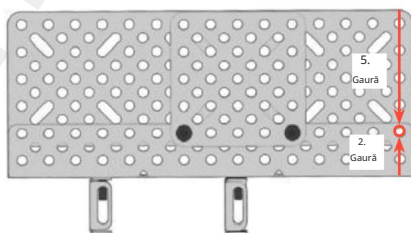
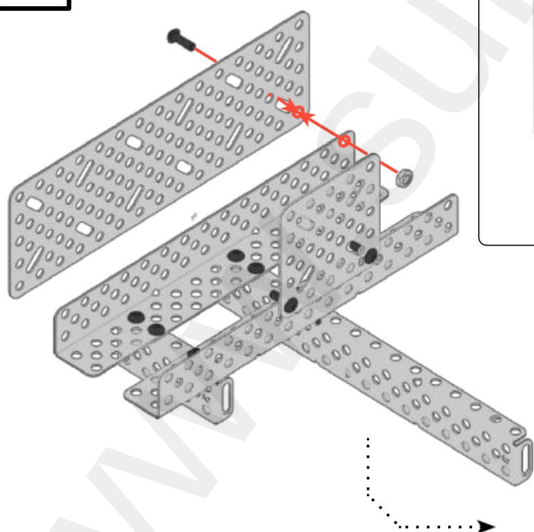
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3

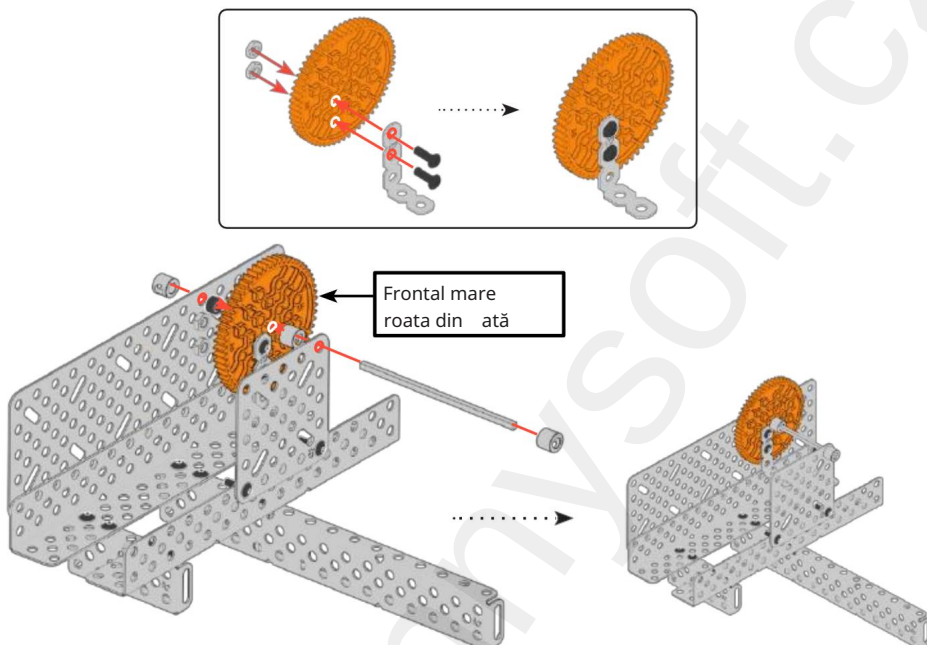


4



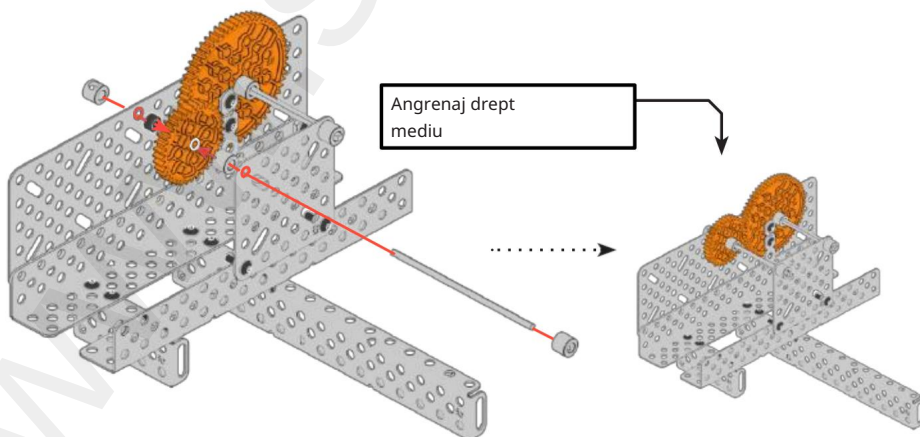
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Remediu 1:1 3.5

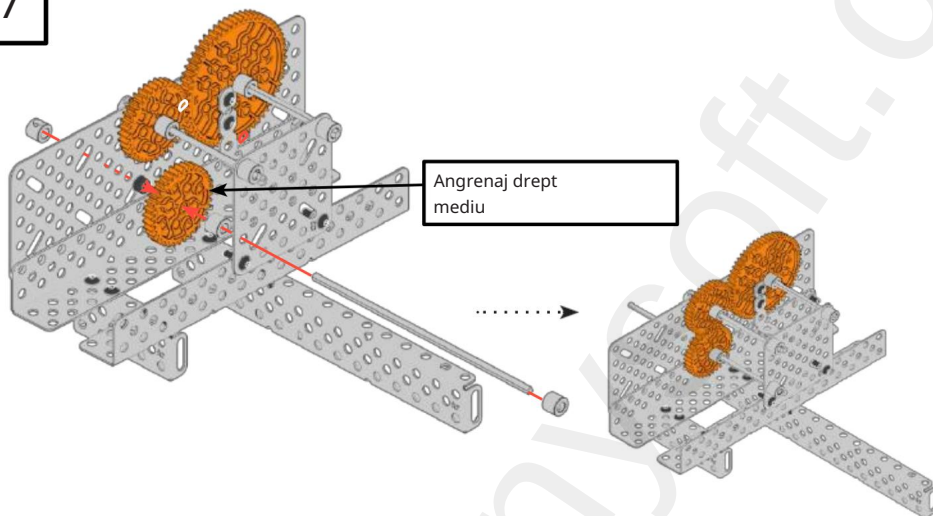


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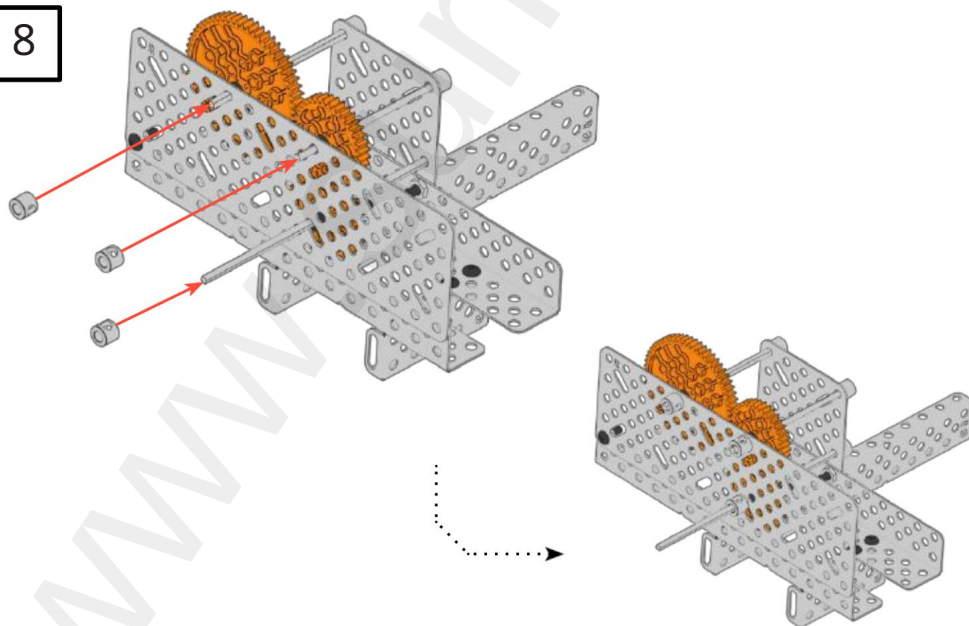
Remediu 1:1 3.5



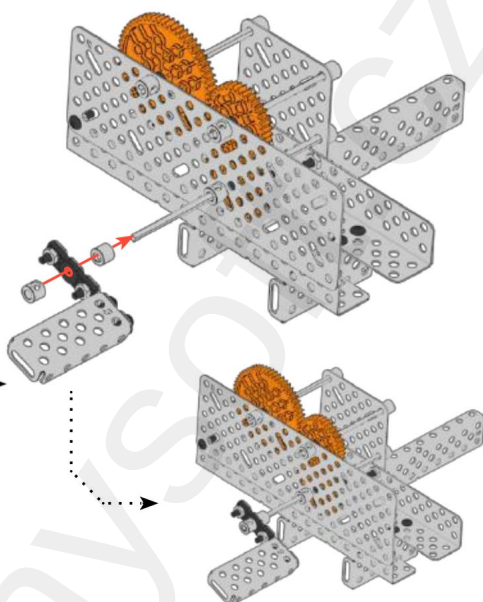
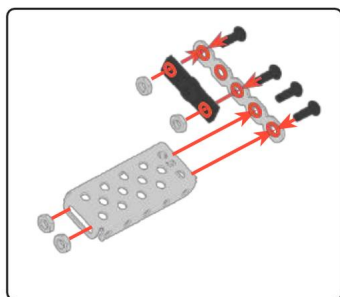
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8

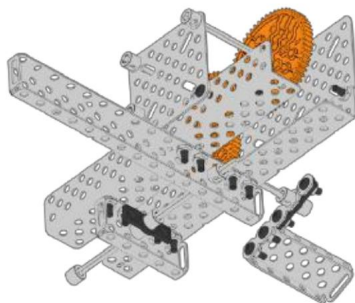
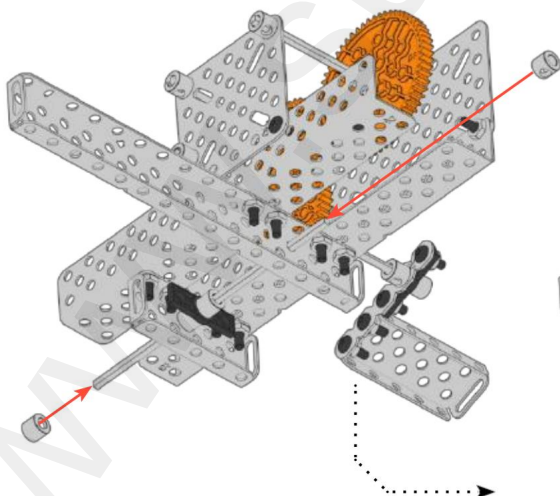


9

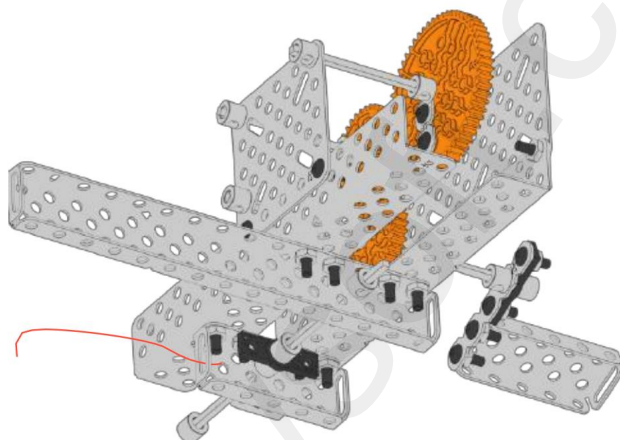
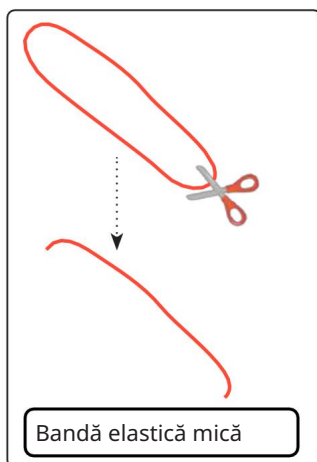


Remediu 1.1 5.5

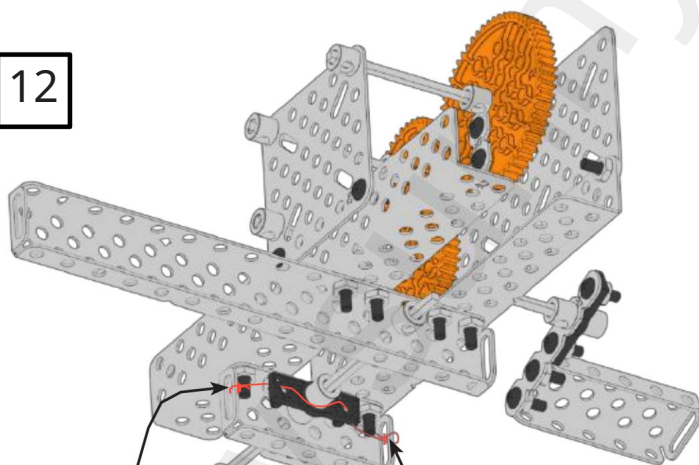
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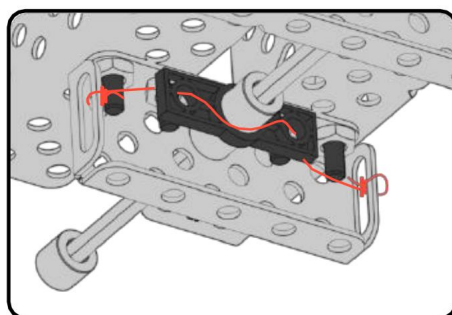
11



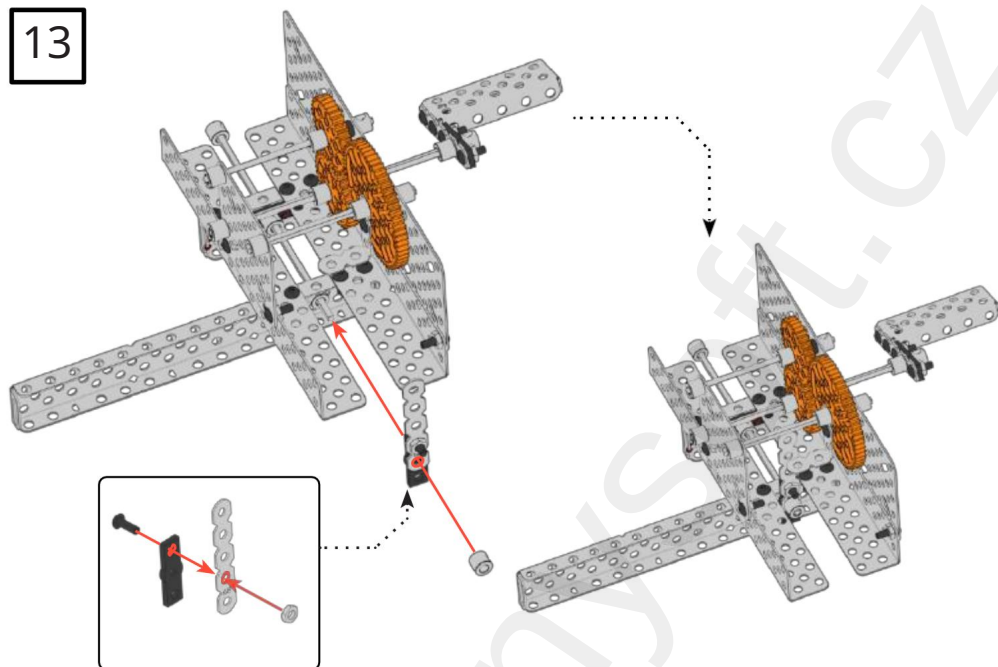
12



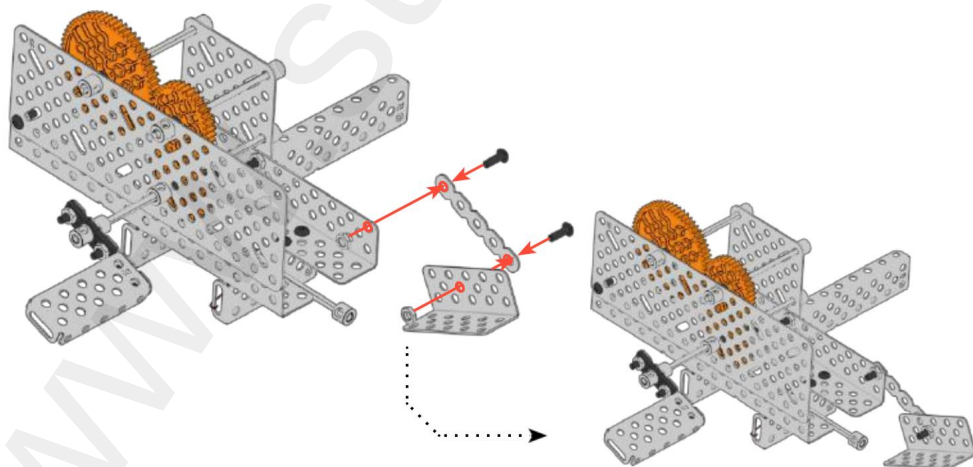
Faceți un nod !

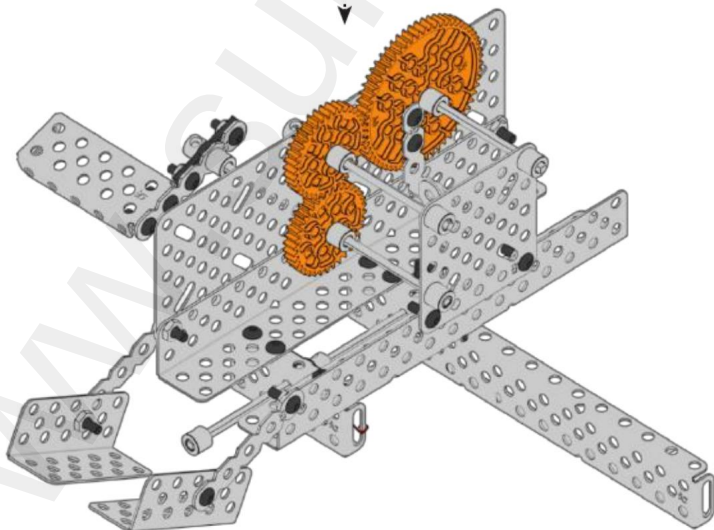
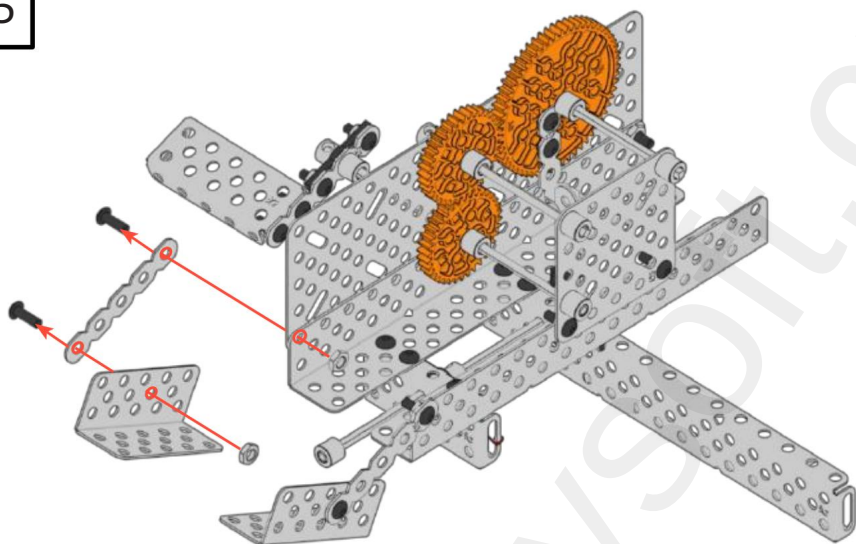


13



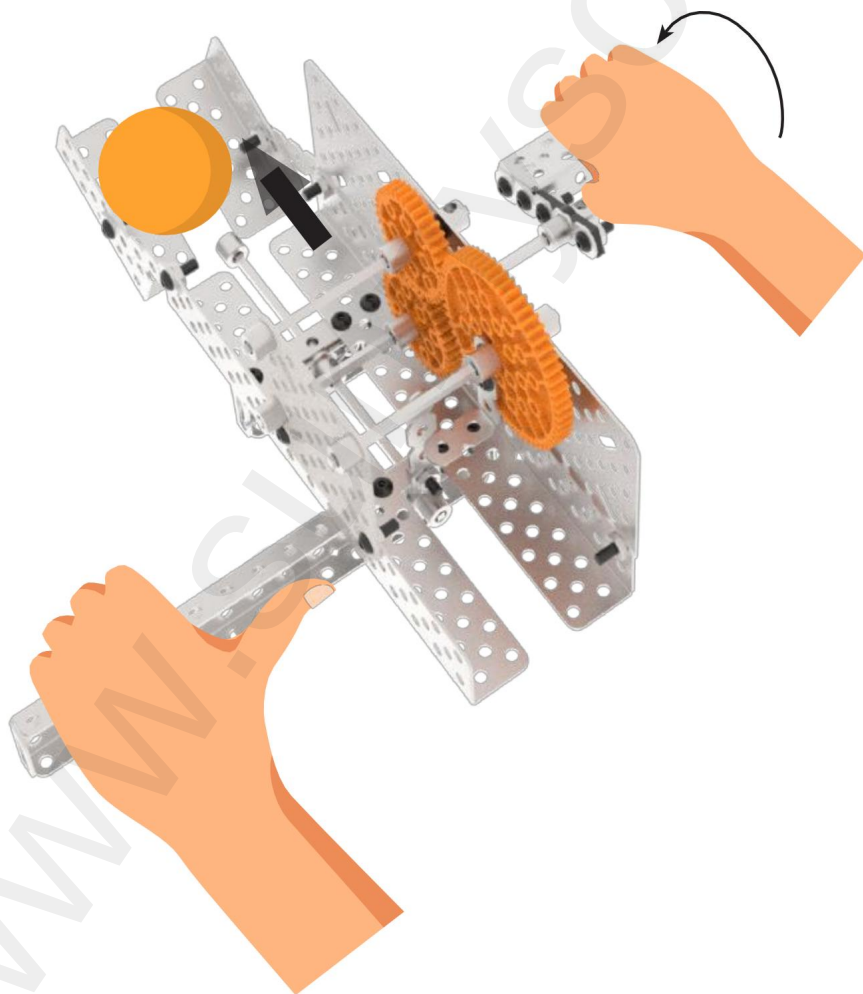
14





Cum să joci

- Pune mingea într-un recipient mic în formă de L.
- Rotiți maneta/mânerul. Axa va lovi mingea.



Ai probleme?

Suportul nostru tehnic vă este disponibil în aceste ore - de luni până sâmbătă: 9:00 - 20:00 duminică și a treia sâmbătă: 9:00 - 18:00



Probleme de software



Probleme de utilizare



Probleme hardware

Scanați codul QR pentru a contacta asistența.



support@avishkaar.cc
+91-8506931515

Furnizor/Distribuitor Sunnysoft
sro
Kovanecká 2390/1a 190
00 Praha 9
Republica Cehă
www.sunnysoft.cz

avishkaar

69/2A, Najafgarh Road, industrial
Area, New Delhi 110015

+91 - 8506931515 support@avishkaar.cc www.avishkaar.cc



@AvishkaarEdu

ROBOTICS EXPLORER

Rozpocznij swoją przygodę z robotyką!



Wprowadzaj innowacje.....



Przysięga innowatora

Złóż przysięgę innowatora zamieszczoną na stronie 6 i zrozum, co oznacza bycie innowatorem.



Naucz się korzystać z instrukcji

Postępuj zgodnie ze szczegółowymi instrukcjami zawartymi w podręczniku i naucz się budować ciekawe roboty z zestawu.



Montaż, programowanie i sterowanie

Zbuduj innowacyjne projekty przy użyciu zestawu konstrukcyjnego, steruj robotami za pomocą pilota Remote Avishkaar i programuj je za pomocą aplikacji Avishkaar Maker Studio.



Udostęp

Wygraj



**Dołącz
do Let's Avishkaar**

Dołącz do naszej społeczności na FB
- nawiąż kontakt z innowatorami i
otrzymuj najnowsze informacje o
webinariach.



**Prześlij
projekty**

Prześlij projekty na stronę
www.avishkaar.cc i udostępnij je
innowatorom z całego świata.



**Międzynarodowe
konkursy**

Weź udział w cotygodniowych, comiesięcznych
i corocznych konkursach i zyskaj
światową sławę.



Przysięga innowatora

Złóż poniższą przysięgę innowatora i zobowiąż się do podejmowania wysiłków na rzecz innowacji i rozwiązywania problemów przez całe życie. Udostępnij zdjęcie w społeczności Let's Avishkaar na Facebooku

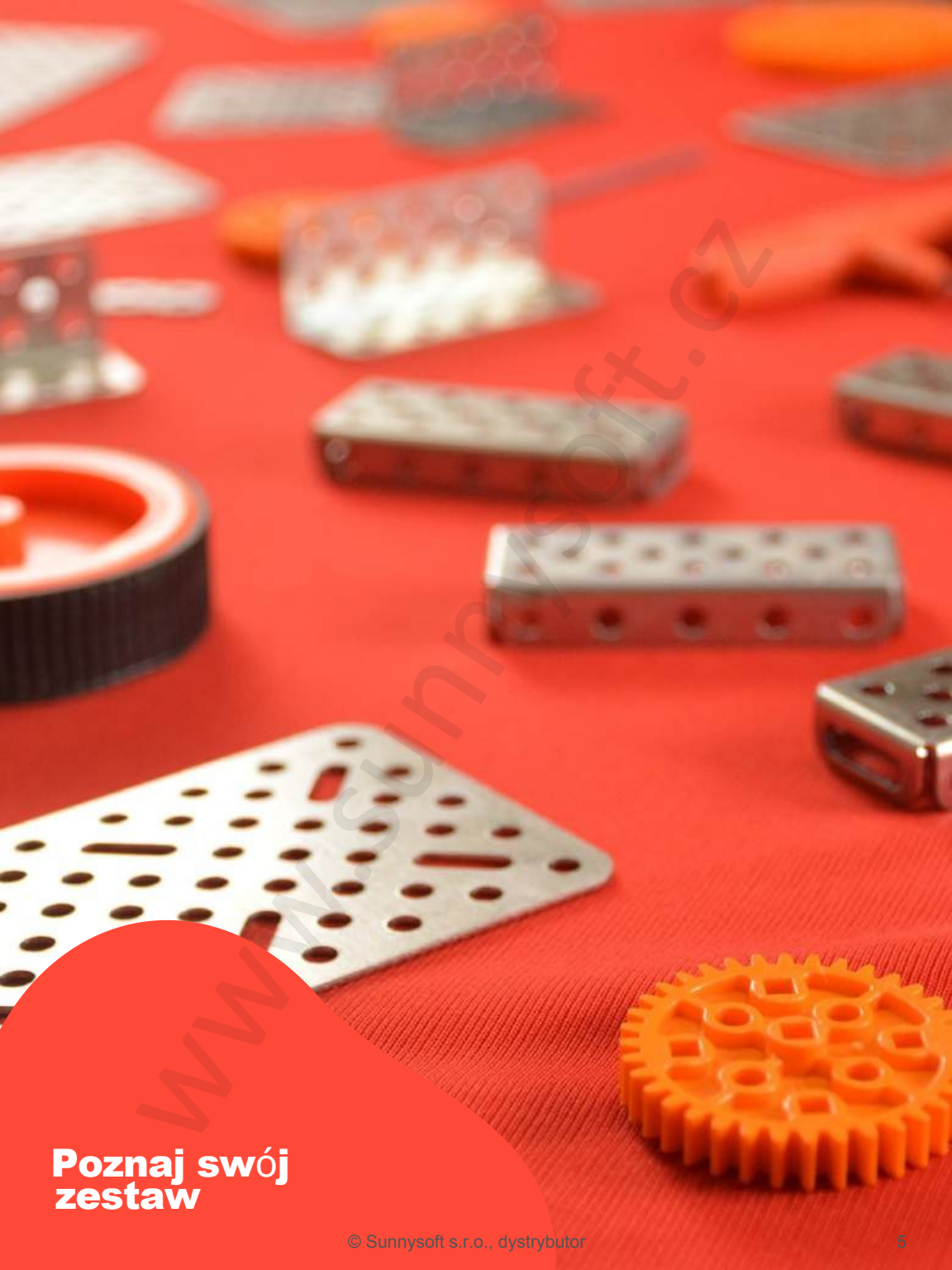
Uroczyscie przysięgam, że skoro już wkroczyłem na ścieżkę innowacji, nie poddam się, dopóki moja innowacja, mój projekt nie zostanie ukończony. Będę doskonalić swoje umiejętności i narzędzia oraz właściwie z nich korzystać. Innowacje i ja będziemy nierozłączni.

Zawsze będę dzielić się moimi innowacjami z innymi innowatorami i uczyć się razem z nimi.

I (wpisz swoje imię)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

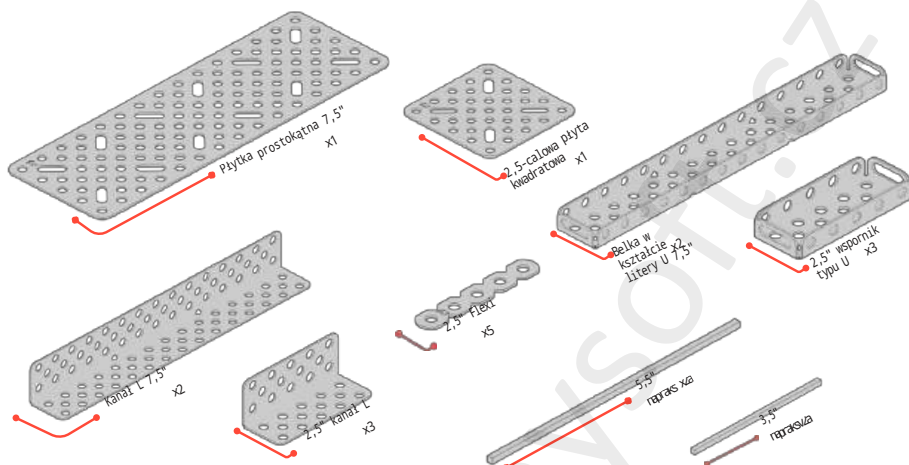
podpis



**Poznaj swój
zestaw**

Kontrola wyposażenia

Elementy metalowe



koła i przekładnie



Małe koła x3



Duże koła zębata koło x1



Średnie koło zębata czołowe x2



Małe koło zębata czołowe koło x1

Narzędzia



klucz imbusowy klucz x1



Haczyk z tworzywa sztucznego x1



Klucz x1



Złącze z 3 otworami x5



Wkładki
x11



Blokady osi
x16



Śruba 12 mm
x31



Nakrętki
x31



Duże gumowe taśmy
x2



Małe gumowe opaski
x2

Podstawy budowania

Poznajmy niektóre podstawy budownictwa

Dokręcanie śrub



Dokręcanie zamka osi



Dokręć
(obracaj zgodnie z
ruchem wskazówek
zegara)



Poluzować
(obracać w kierunku
przeciwnym do ruchu
wskazówek zegara)

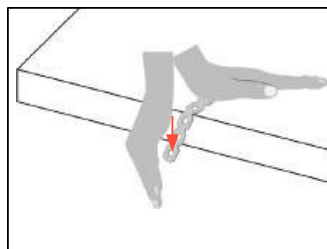
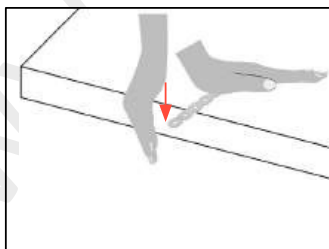


Dokręcić
(obracać zgodnie z
ruchem wskazówek
zegara)

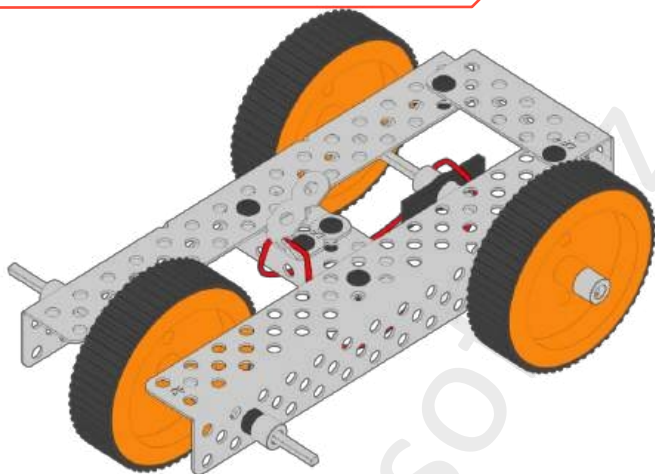


Poluzować
(obracać w kierunku
przeciwnym do ruchu
wskazówek zegara)

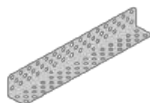
Gięcie elastyczne



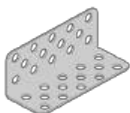
Projekt 1: **Samochód**



Czego będziesz potrzebować?



7,5"
Kanał L x2



2,5"
Kanał L
x 1



2,5"
Mały Flexi x1



2,5"
Belka w
kształcie
litery U
x1



Oś 5,5" x2



wypełni
acze
x4



Zatrząsk osi
x8



Złącza z
3 otworami x1



Małe koło x3



Duży pasek gumowy 1x

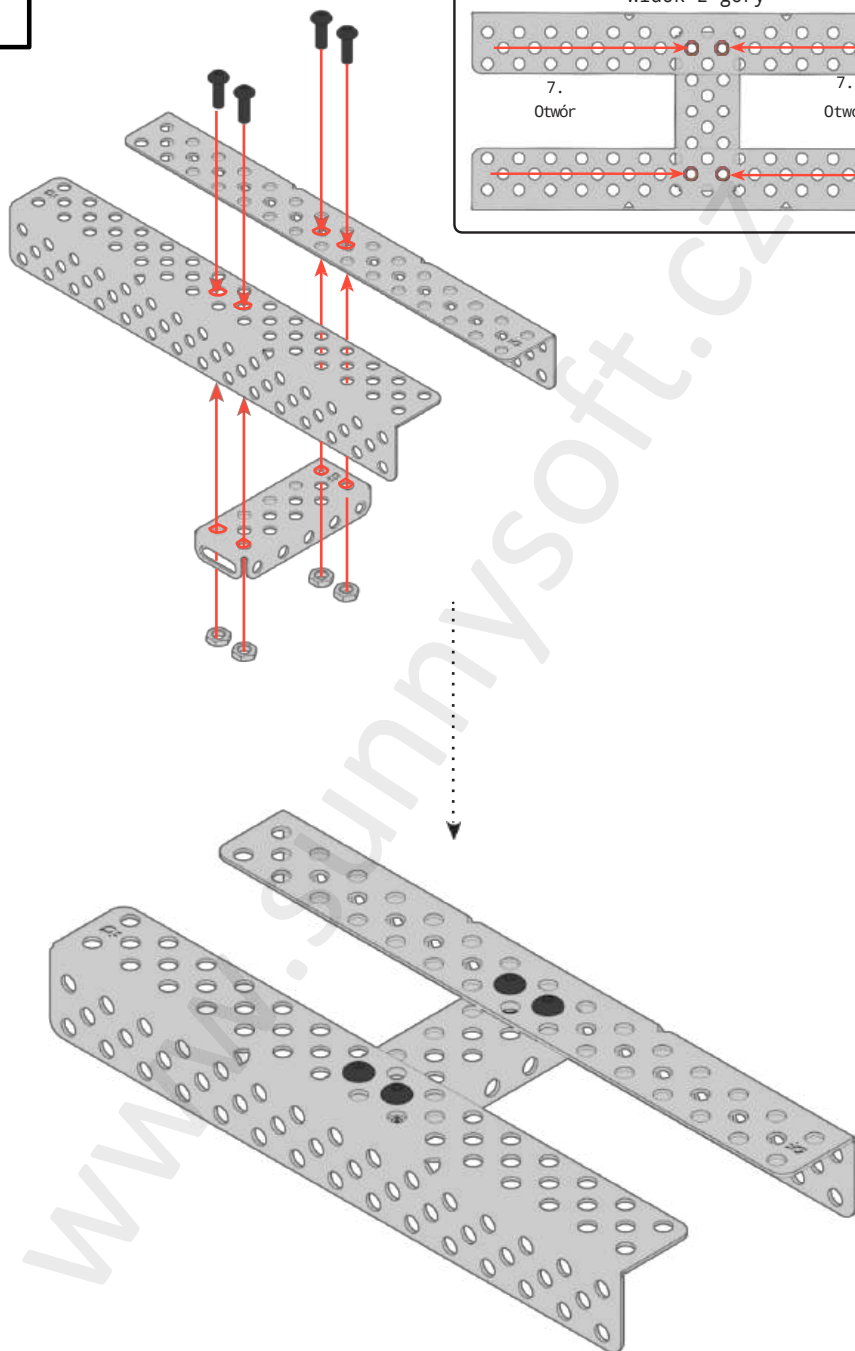


Śruby 12 mm
x8 x8

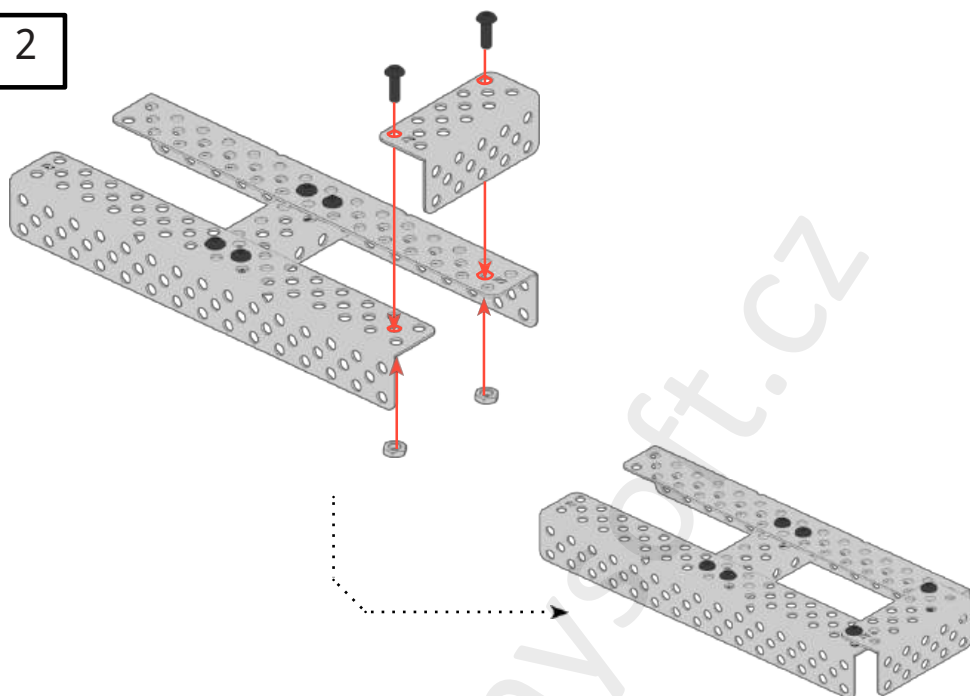


nakrętki

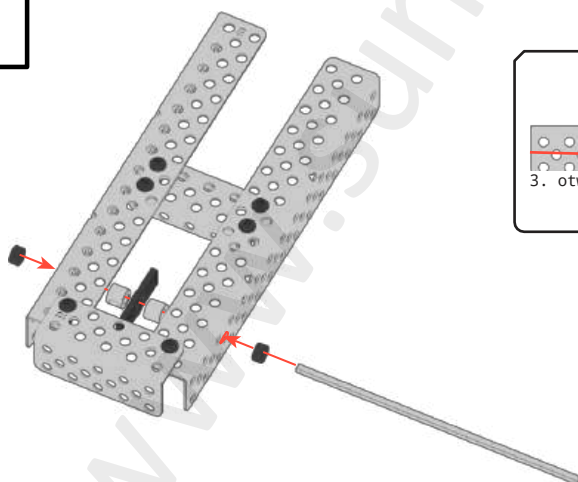
1



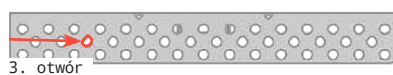
2



3



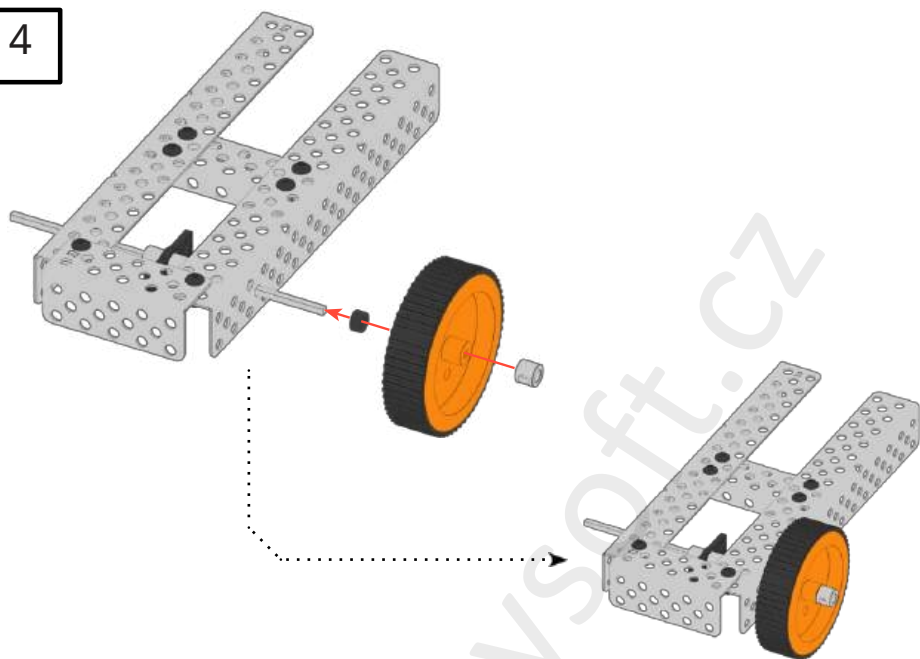
Widok z boku



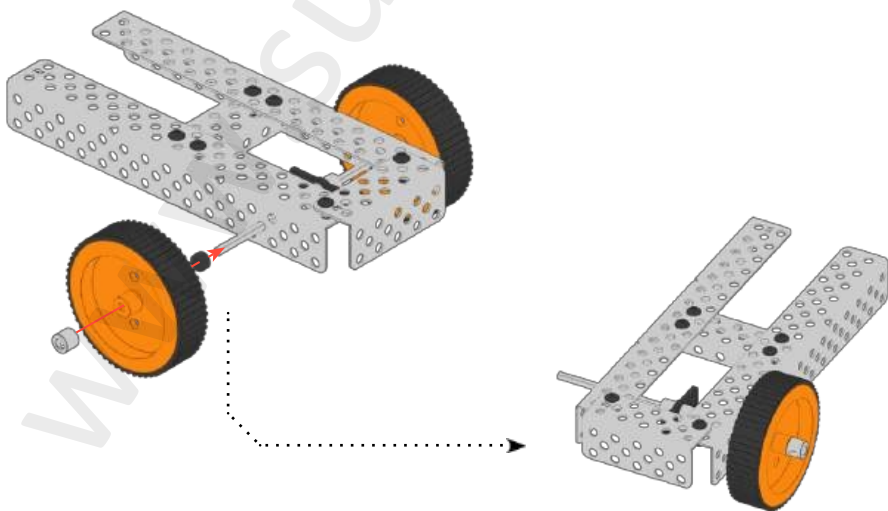
1:1

Oś 5,5

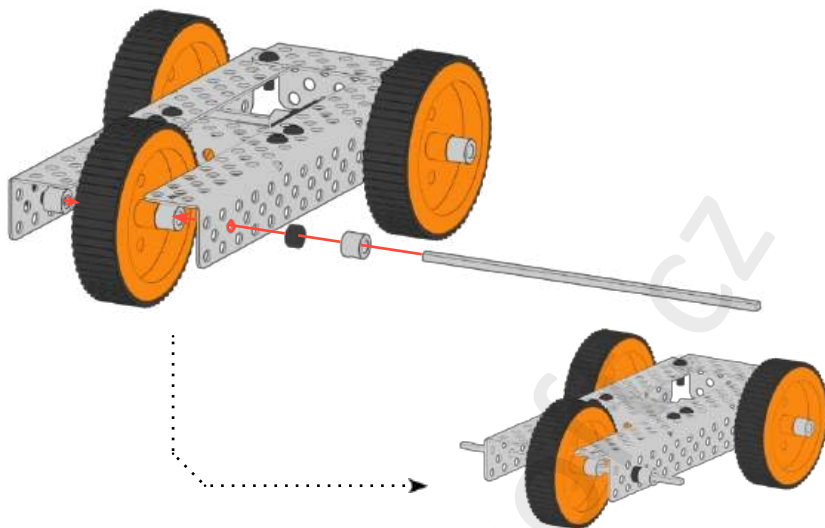
4



5



6

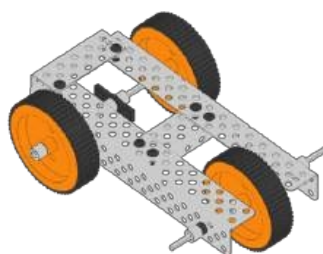
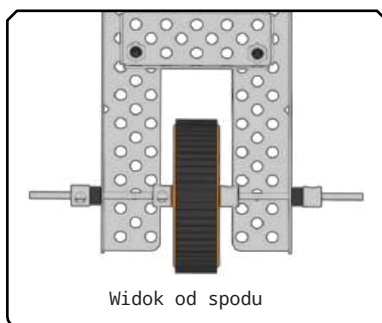
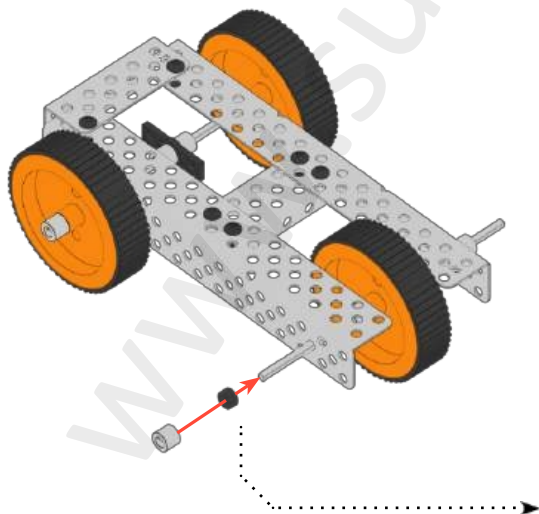


1:1

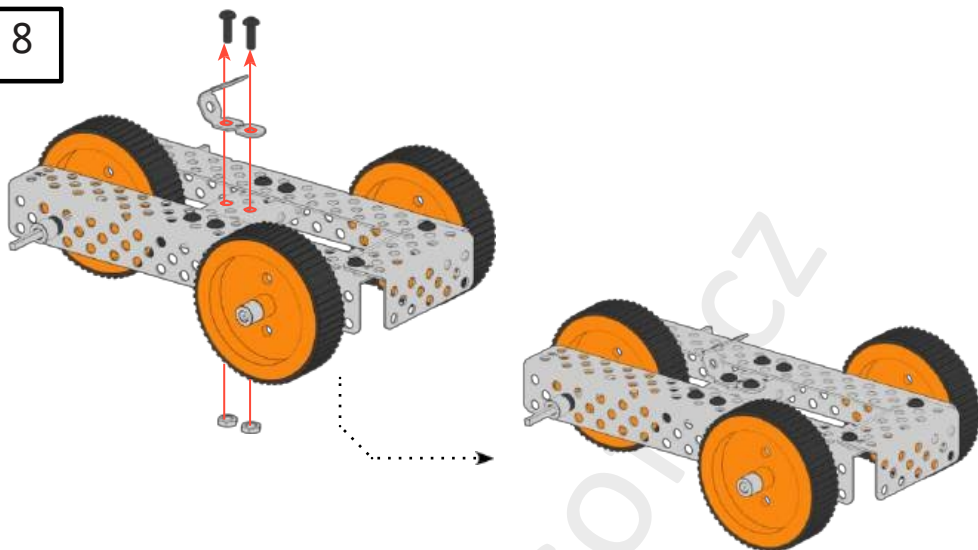
Oś 5.5



7



8

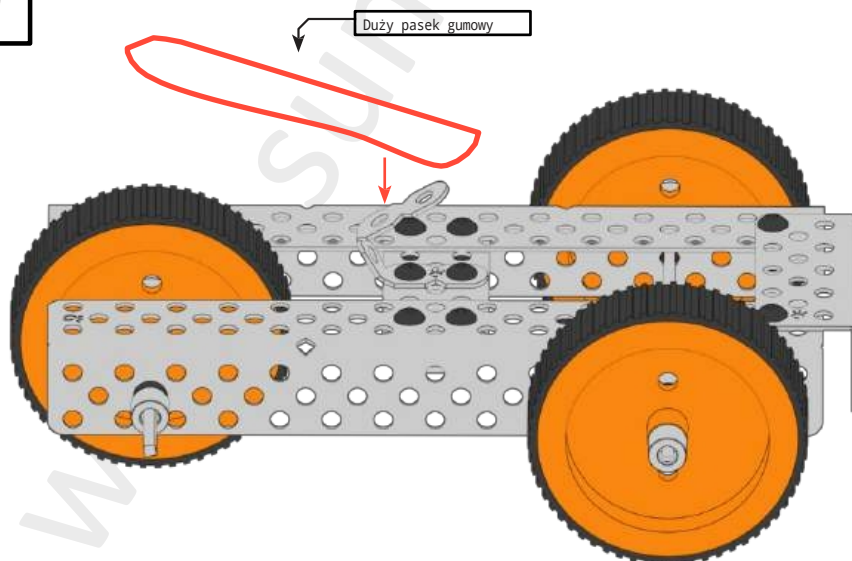


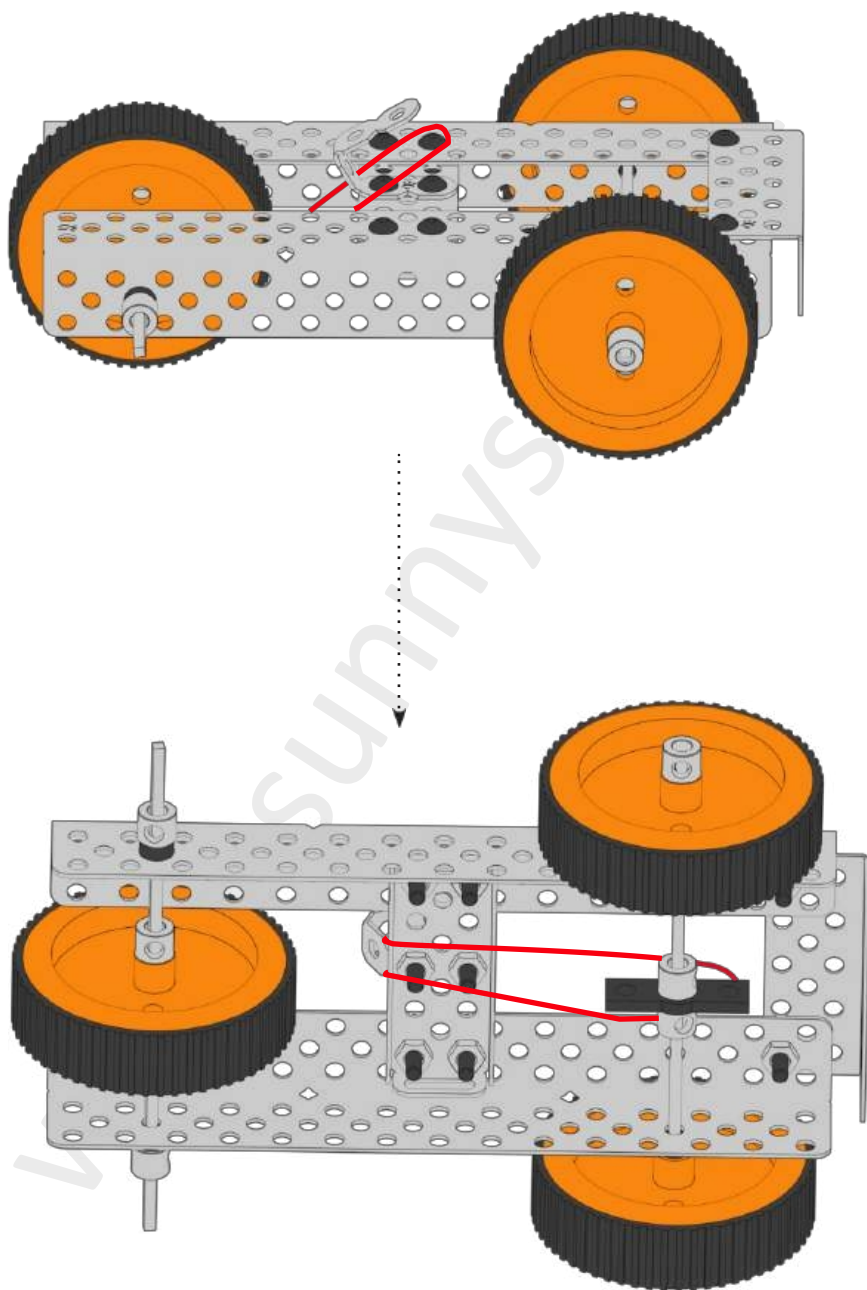
Wskazówki dotyczące montażu

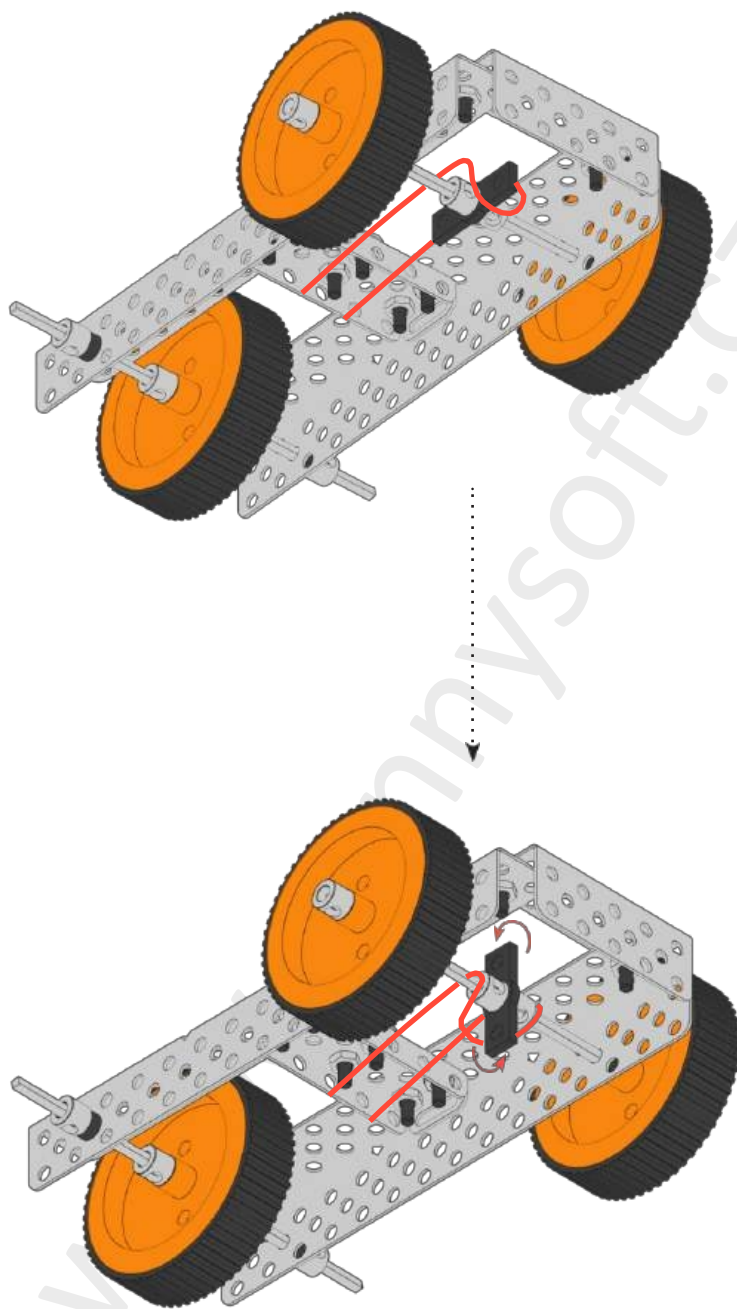
Informacje na temat gięcia elementów elastycznych można znaleźć w instrukcji.



9

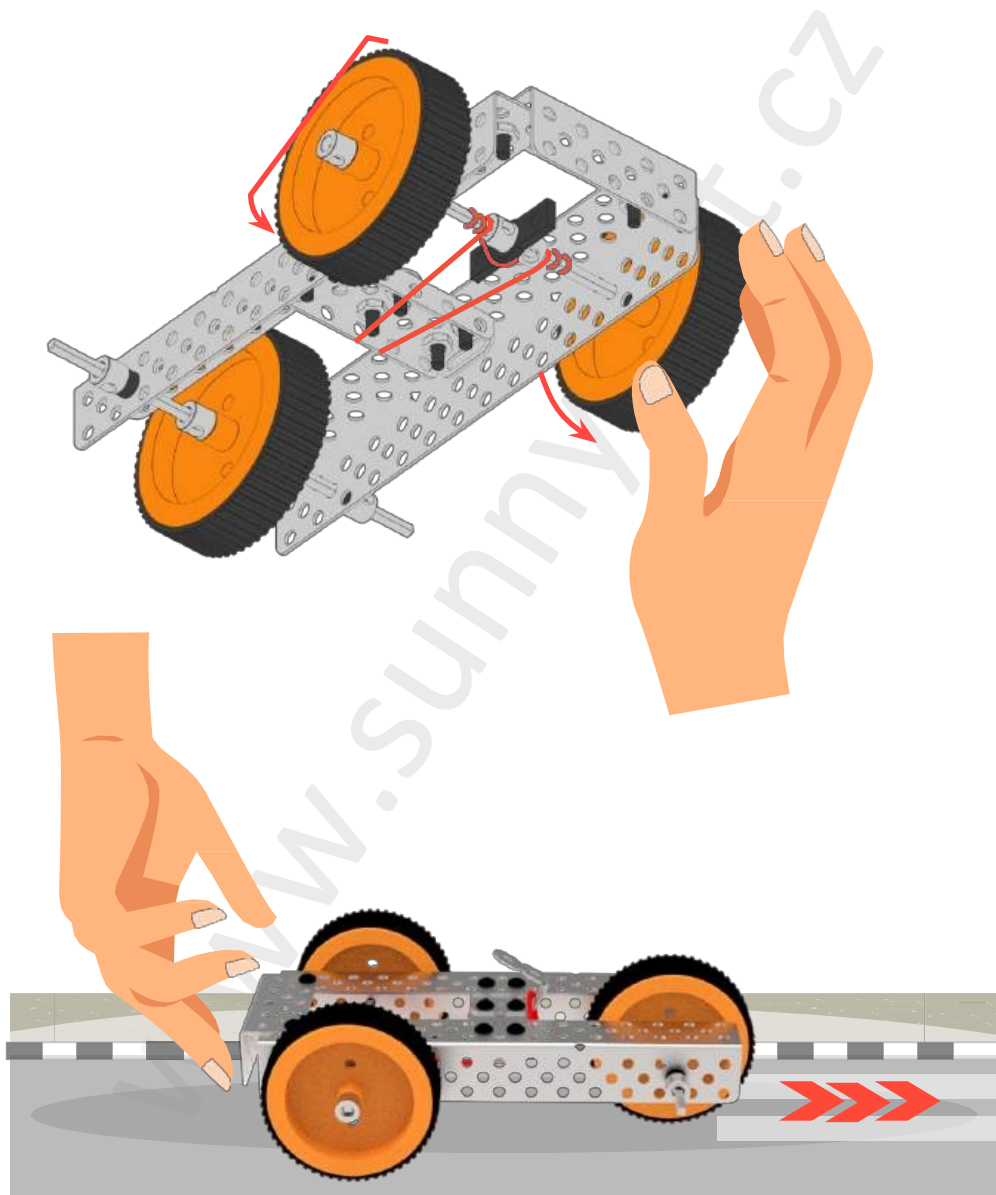




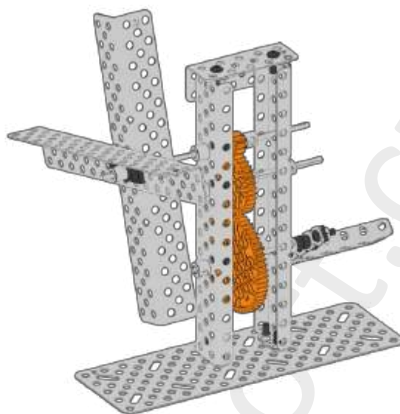


Jak bawić się samochodem

- Za pomocą kółek nawiń gumowy pas na tylną oś.
- Obracaj kółkiem w kierunku przeciwnym do ruchu wskazówek zegara.
- Trzymaj gumową taśmę i oś, a następnie oprzyj podwozie o podłoże.



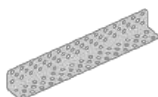
Projekt 2: **Wentylator**



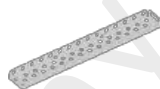
Czego będziesz potrzebować?



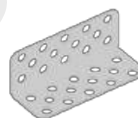
7,5"
Prostokątny
Płyta
x1



7,5"
Kanał w kształcie
litery L
x2



7,5"
Belka w kształcie
litery U
x2



2,5"
Kanał w kształcie
litery L
x1



2,5"
Mały Flexi
x1



2,5"
Belka w kształcie
litery U
x1



wypełnienia
x11



Zatrask osi
x10



Złącza z
3 otworami x2



5,5"
oś x1



3,5"
oś x2



Duże koło
zębate czołowe
x1



Średnie koło
zębate czołowe
x1



Małe koło
zębate
czołowe x1

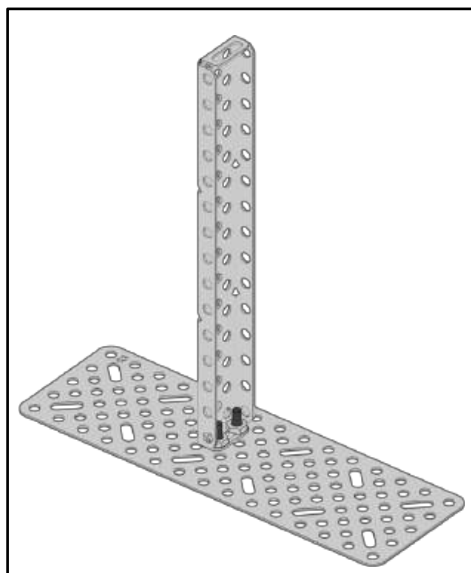
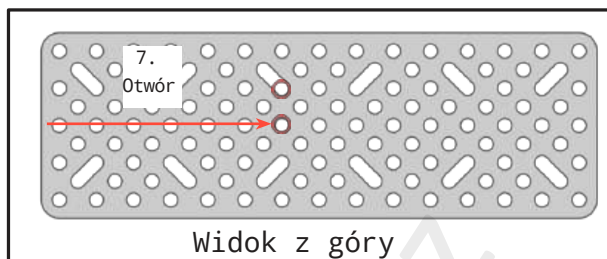
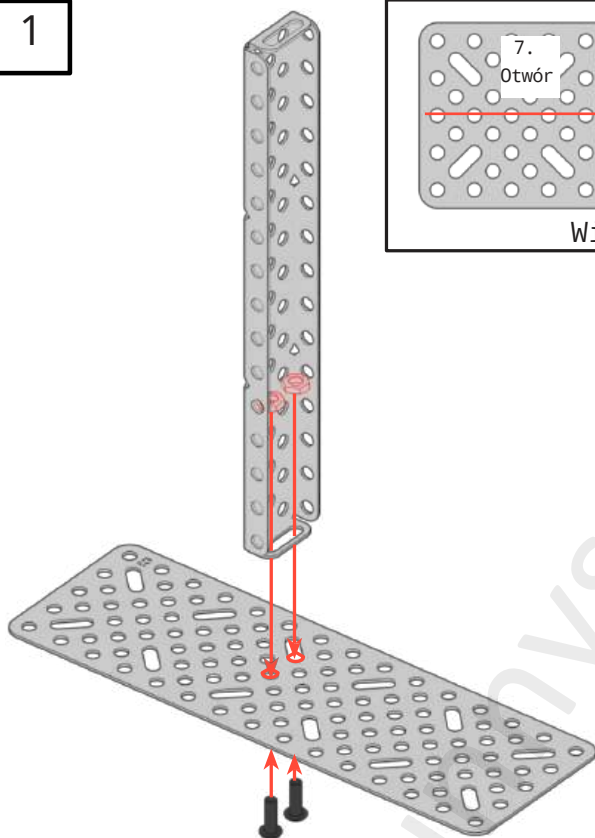


Śruby 12 mm x14

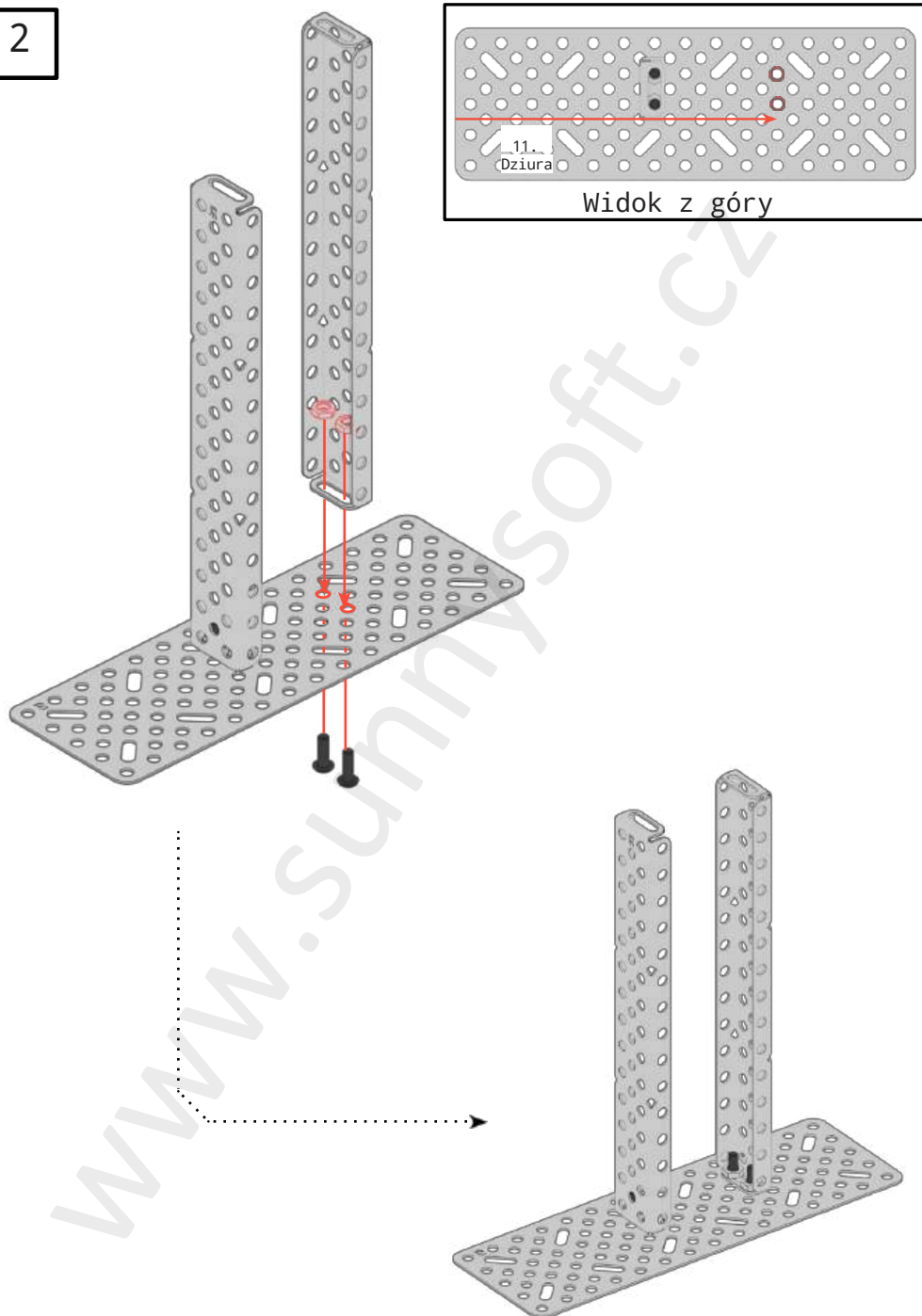


nakrętk
i x14

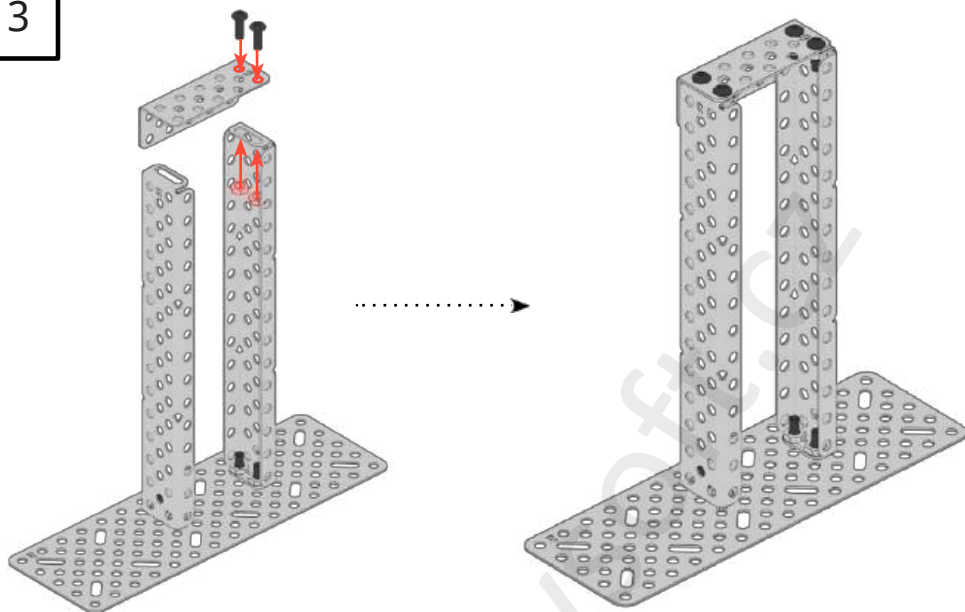
1



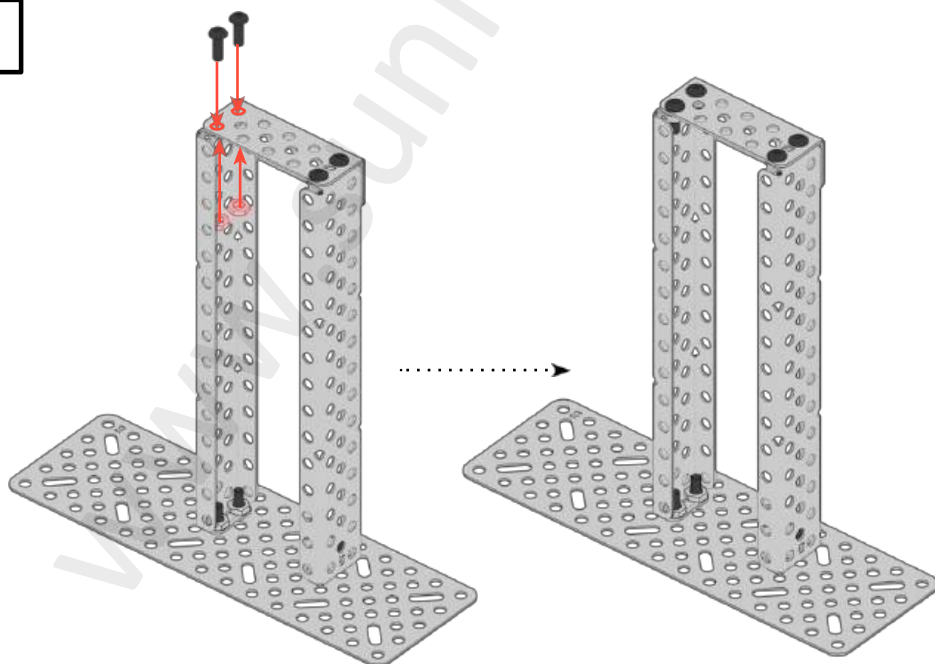
2

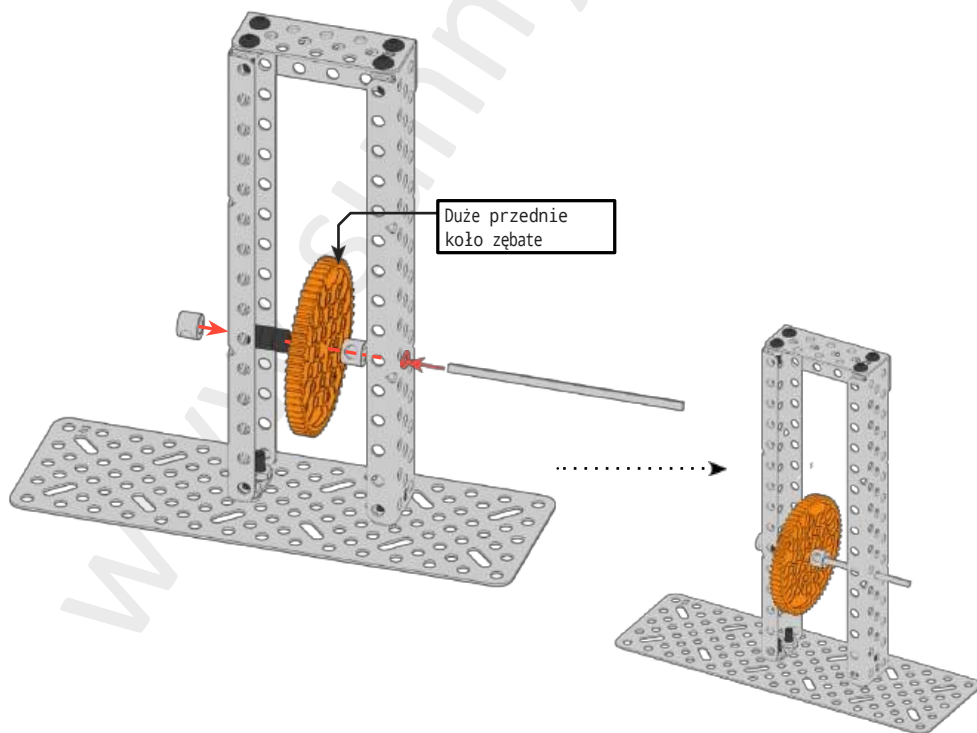
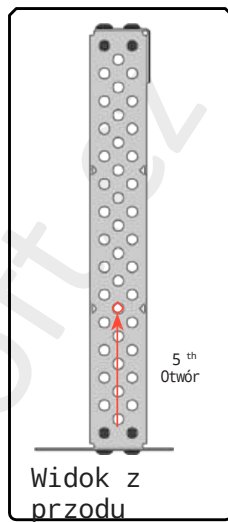
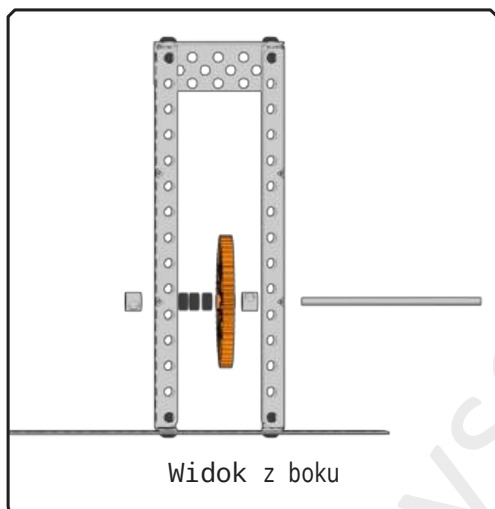


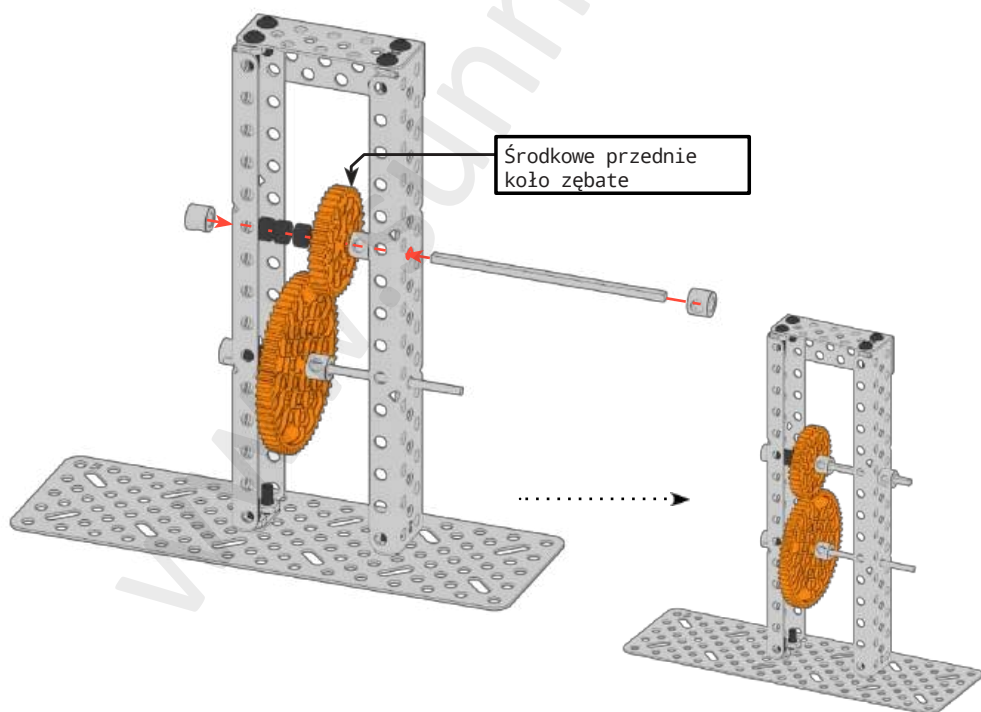
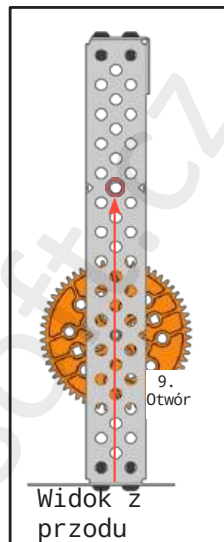
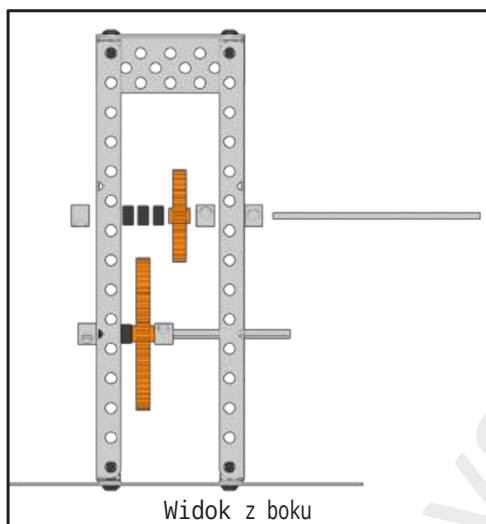
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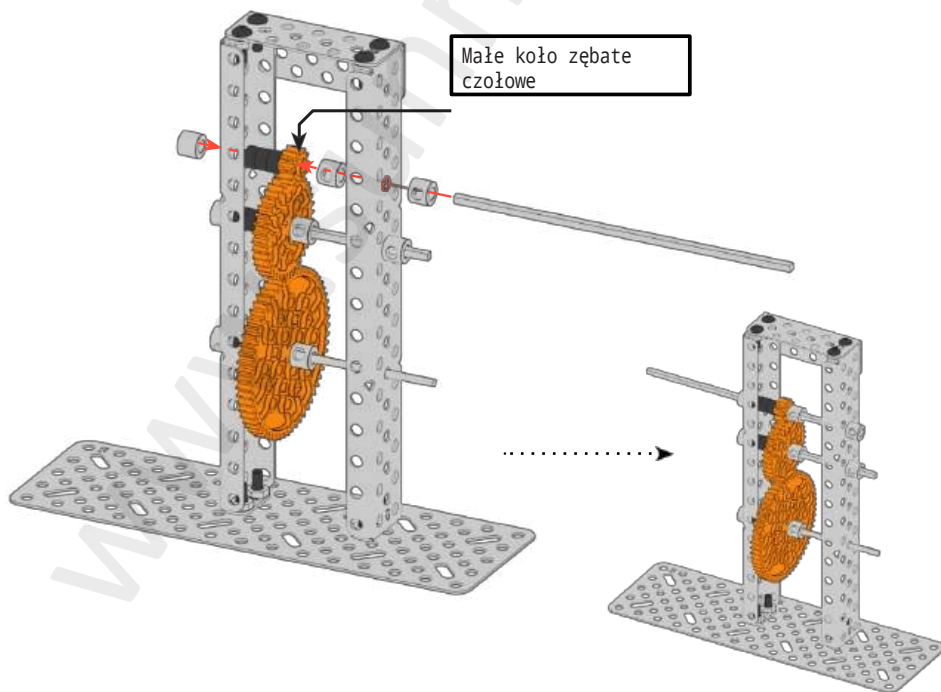
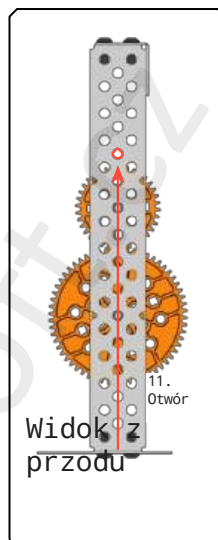
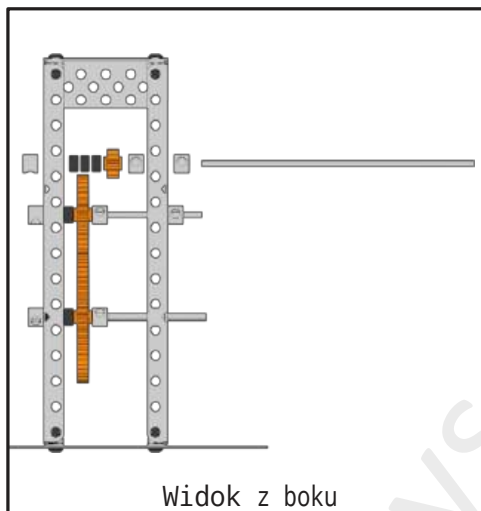
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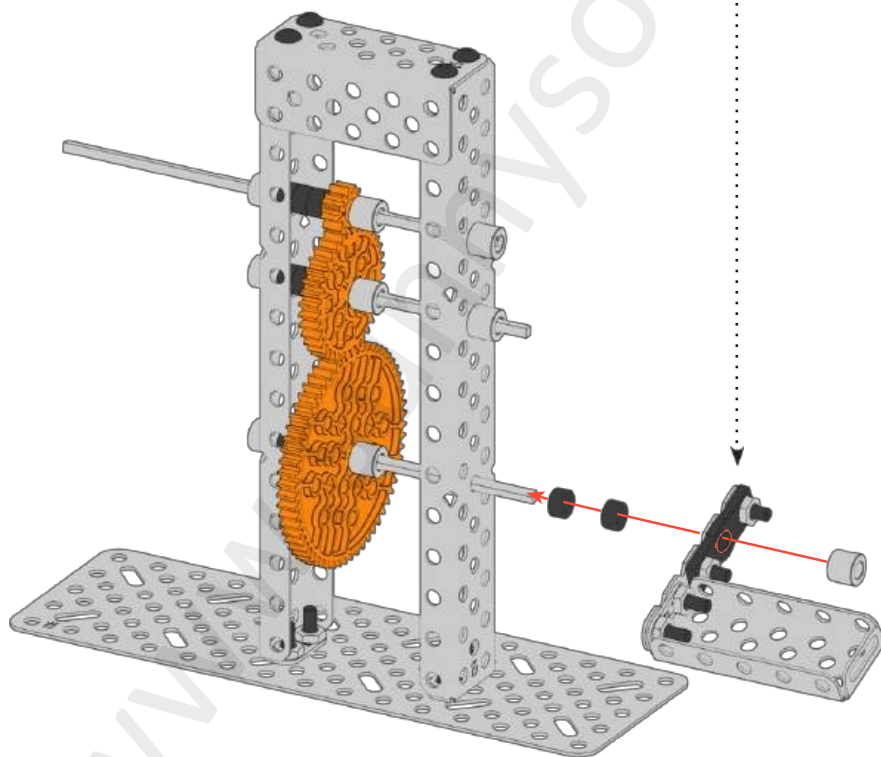
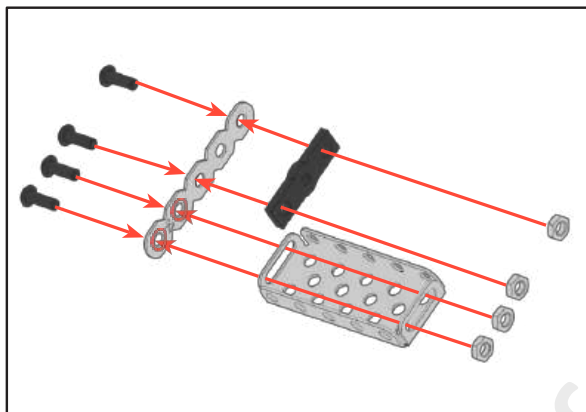




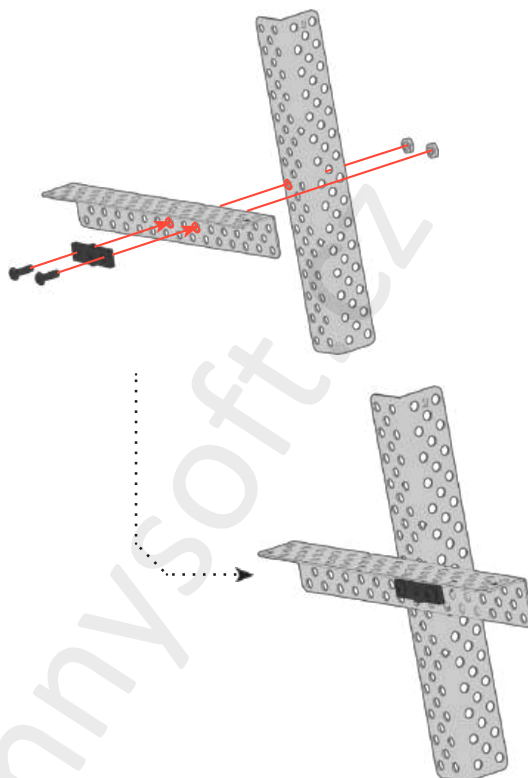
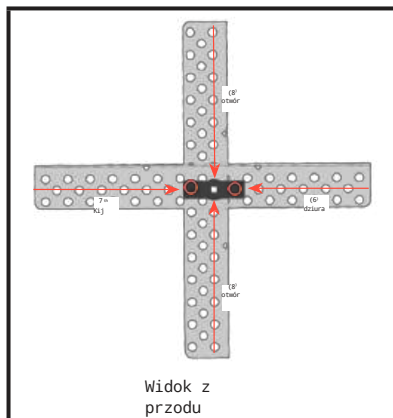
7



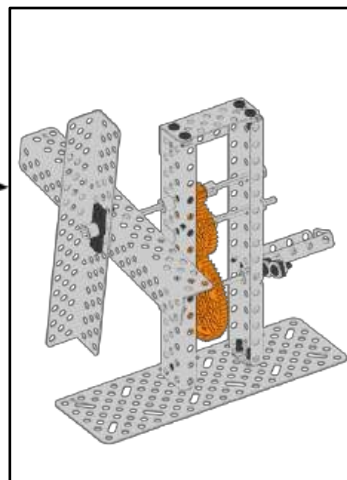
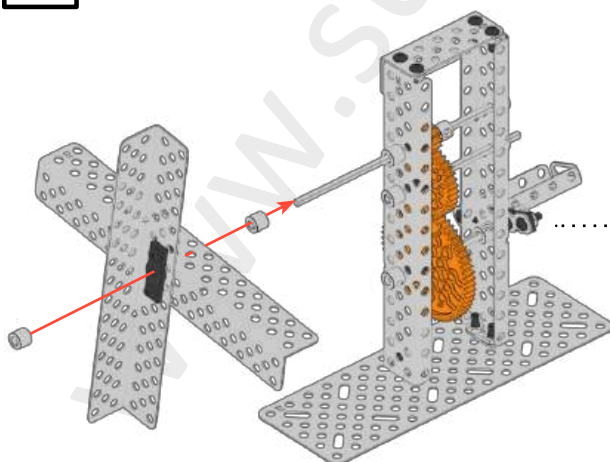
8



9

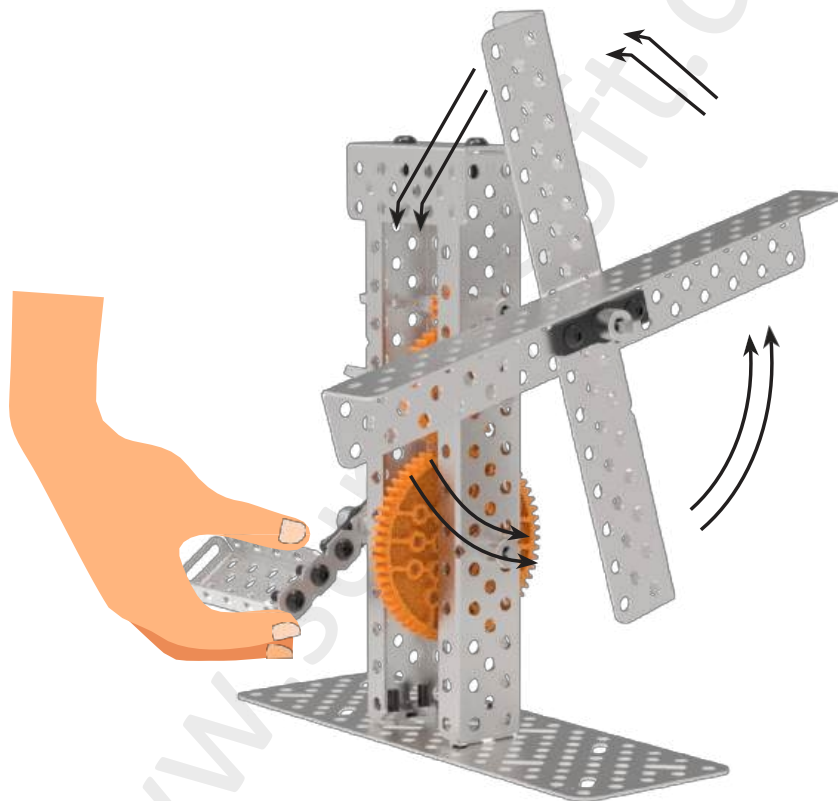


10

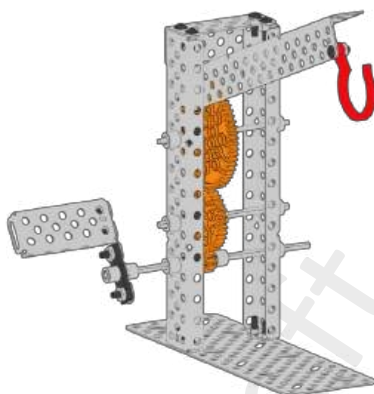


Jak bawić się wentylatorem

- Obracaj wentylator za pomocą dźwigni/uchwyty.



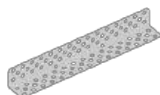
Projekt 3: Żuraw



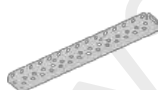
Co będzie potrzebne



7,5"
Płyta prostokątna x1



7,5"
Kanał L x1



7,5"
Belka w kształcie litery U x2



2,5"
Kanał L x1



2,5"
Mały Flexi x1



2,5"
Belka w kształcie litery U x1



Oś 5,5" x1



Złącza z 3 otworami x1



Duże przednie koło zębate x1



Środkowe koło zębate czołowe x1



Małe koło zębate czołowe koło zębate x1

3,5"
oś x2



Blokada osi x11



wkładniki x9



Nakrętki x15

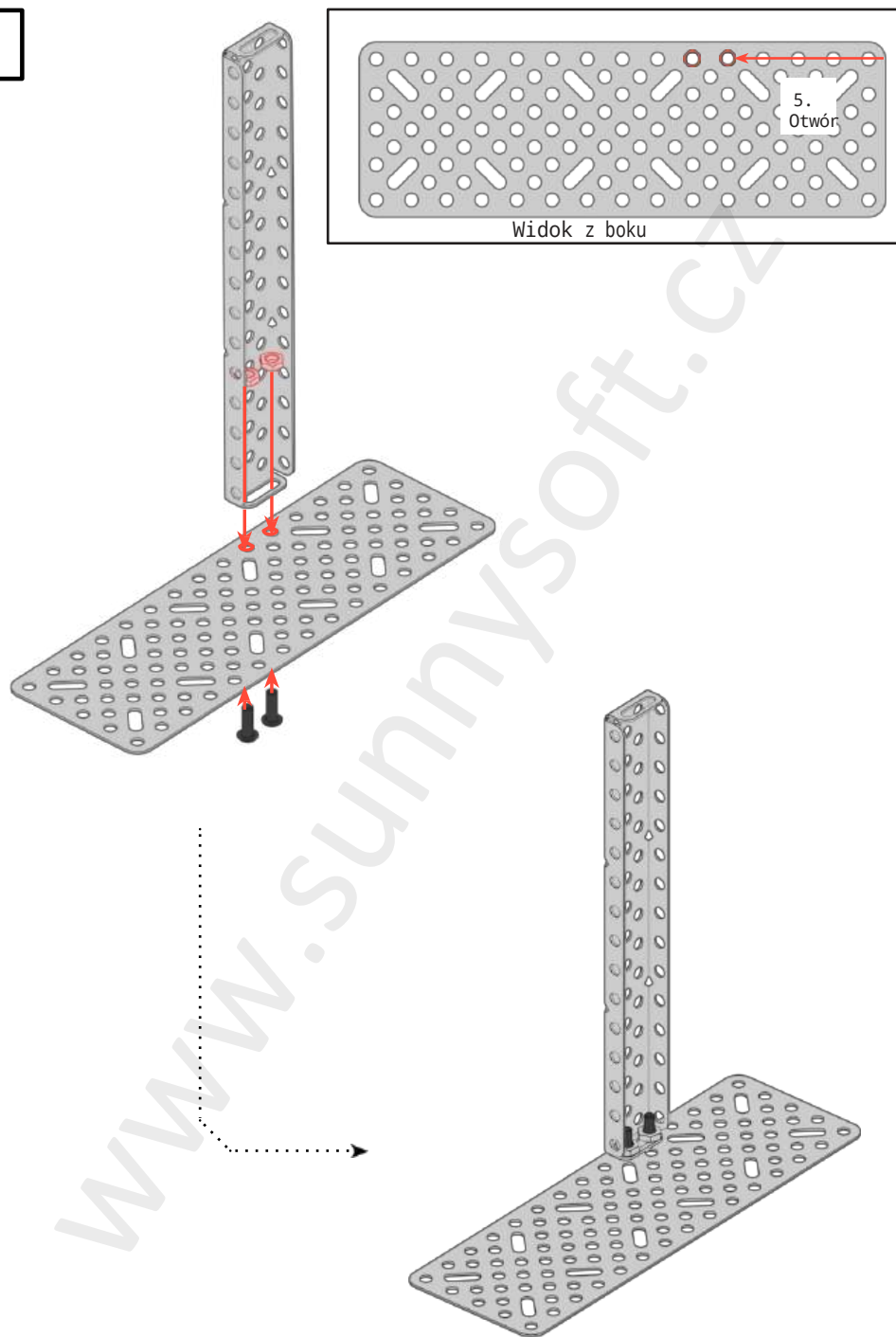


Śruby 12 mm x15

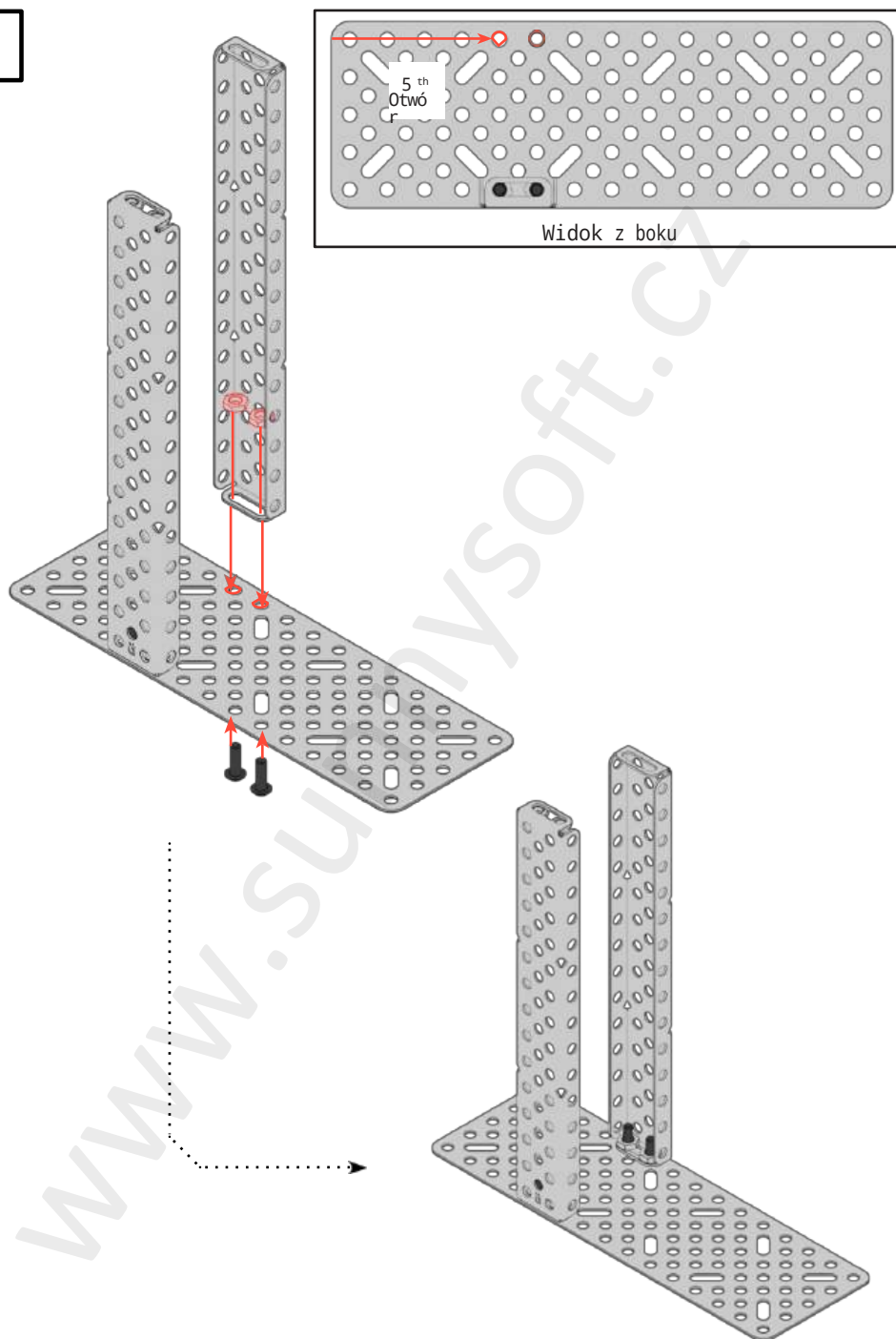


Plastikowy haczyk x1

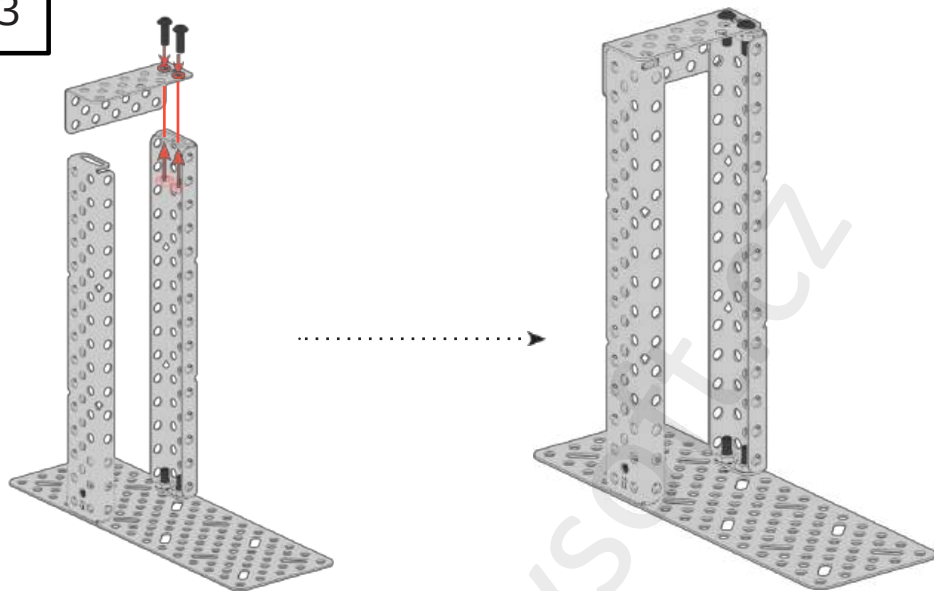
1



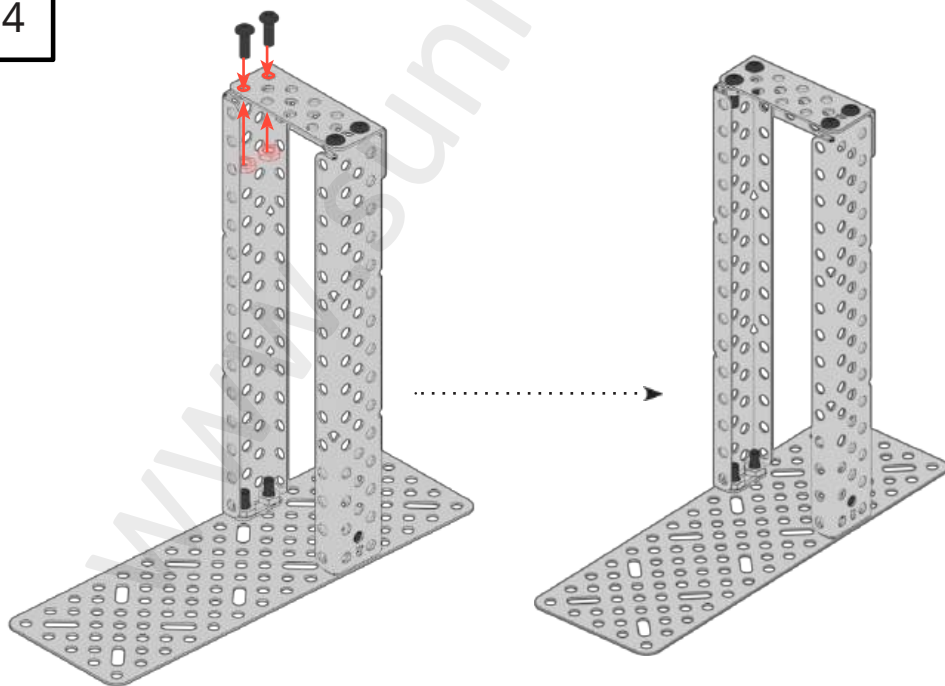
2



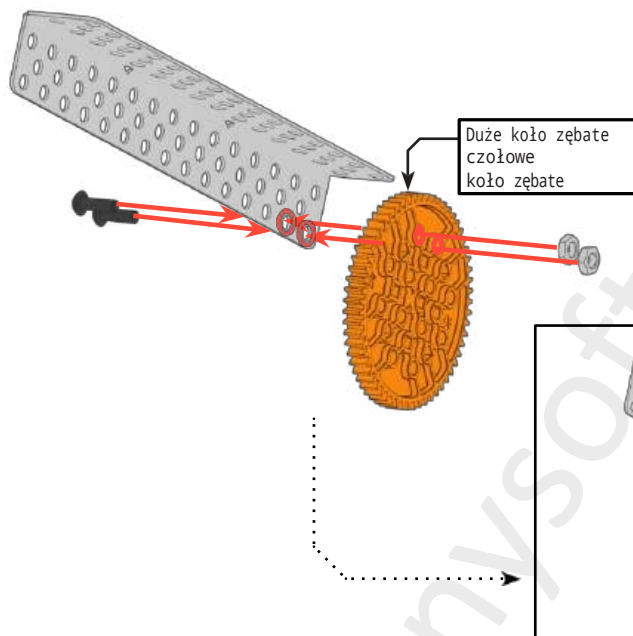
3



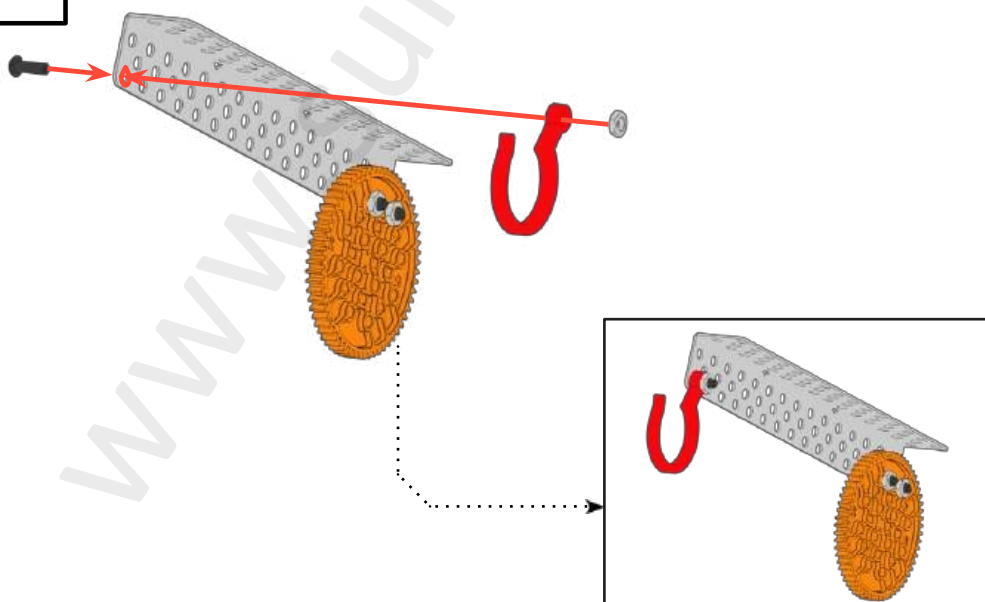
4

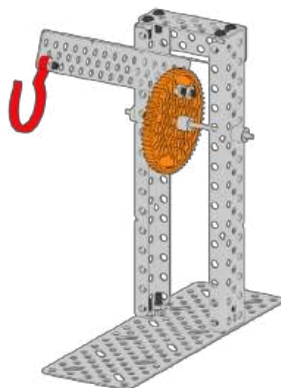
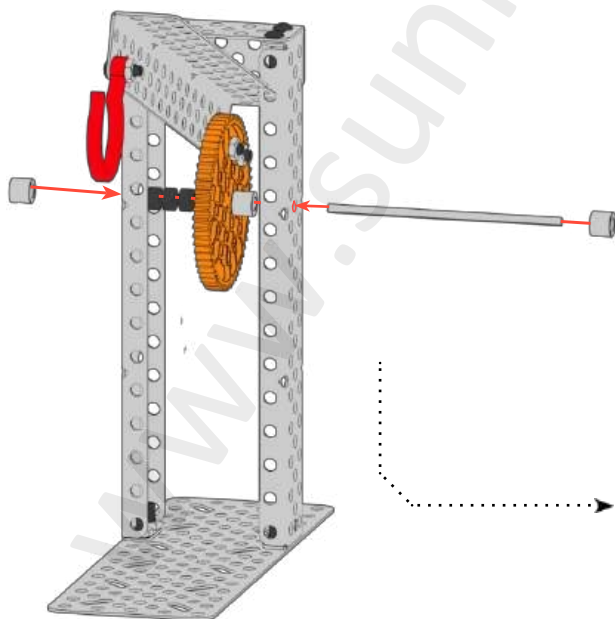
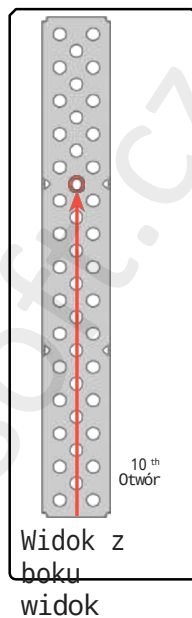
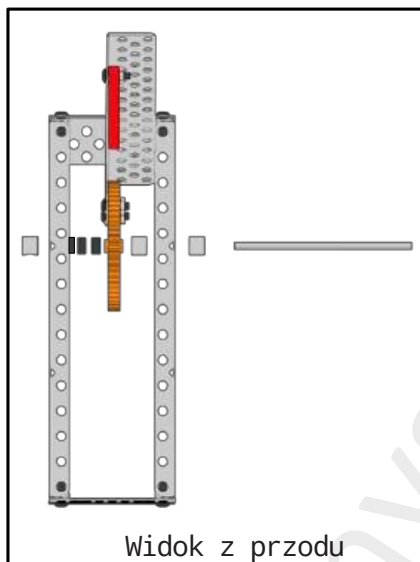


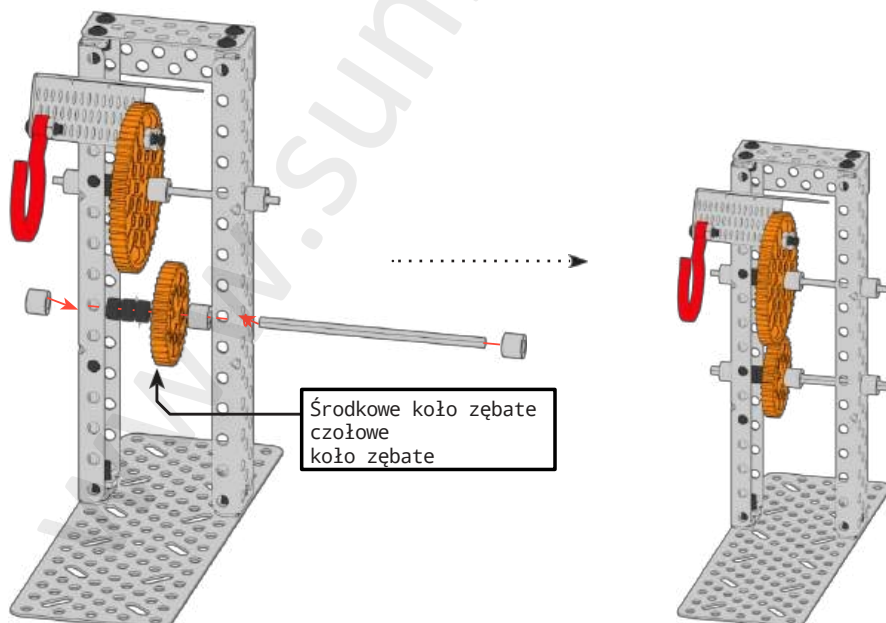
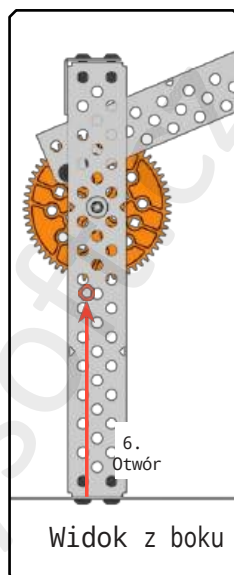
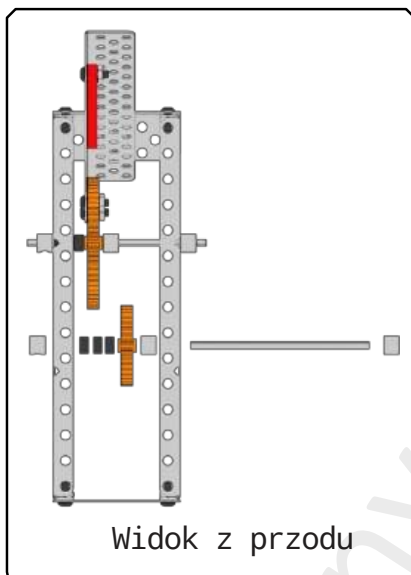
5



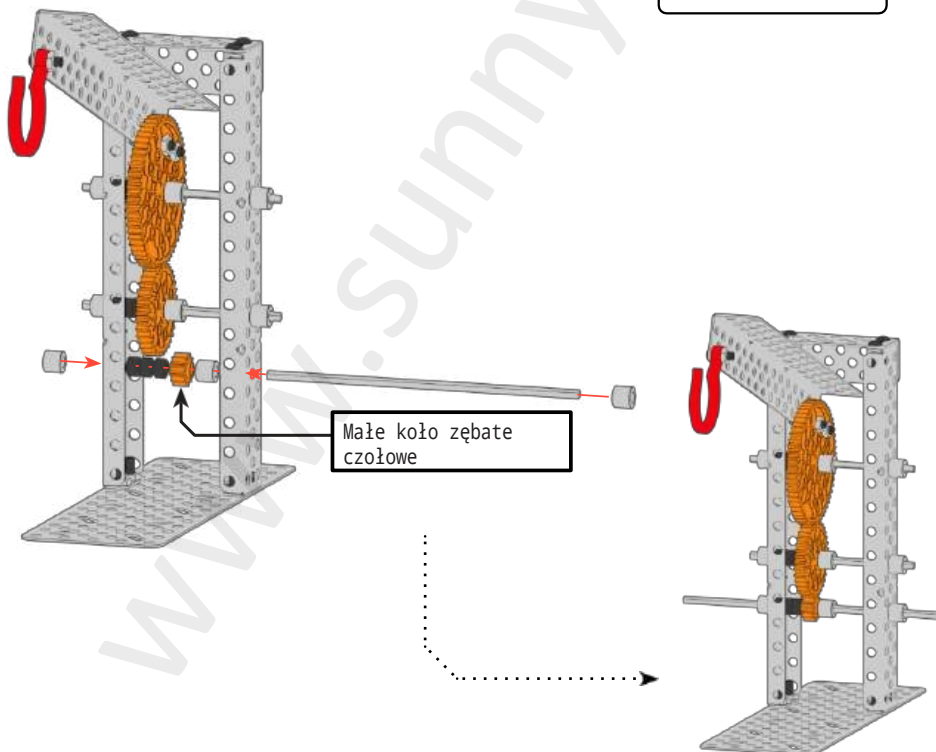
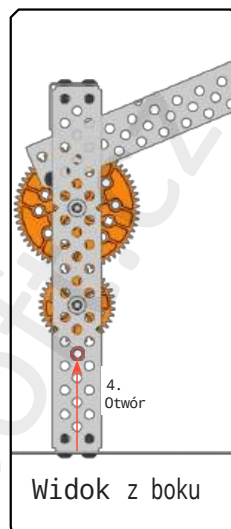
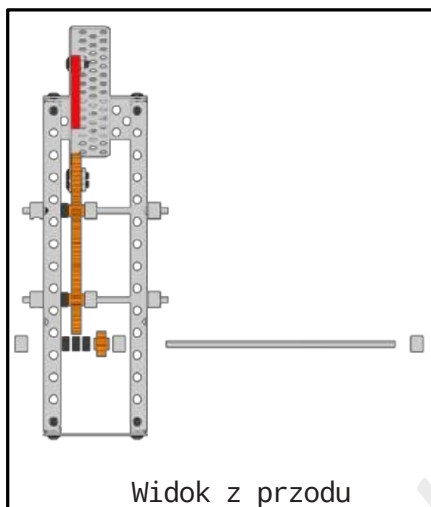
6

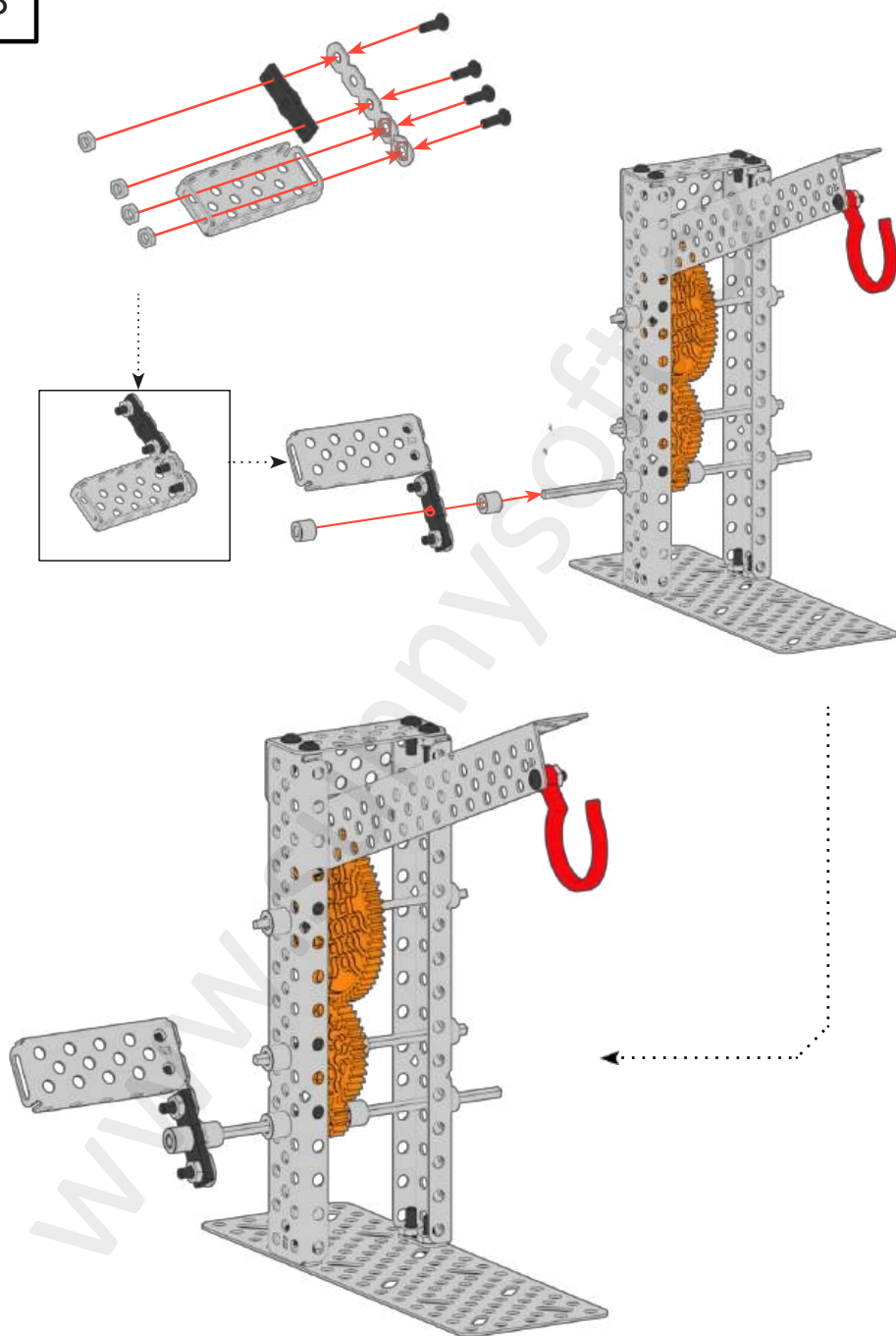






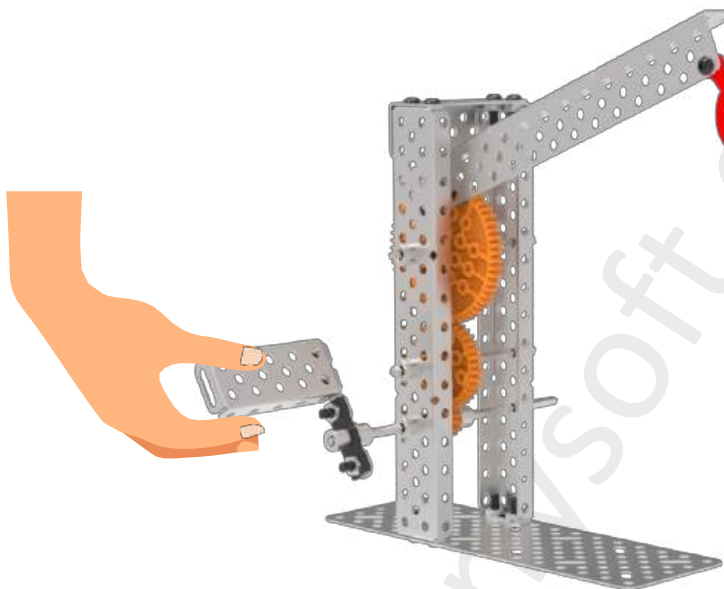
9



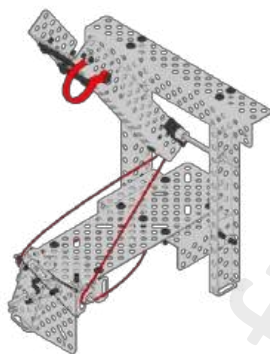


Jak bawić się dźwigiem

- Obracając dźwignię/uchwyt, podnieś przedmiot i dźwig.



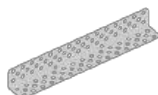
Projekt 4: **Katapulta**



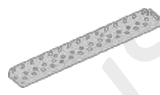
Czego będziesz potrzebować?



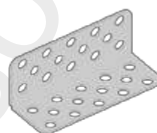
7,5"
Prostokątny
płyta
x1



7,5"
Kanał L
x2



7,5"
Belka w kształcie litery U
x2



2,5"
Kanał L
x3



2,5"
Flexi
x1



2,5"
Belka w kształcie litery U
x3



Wypełnienia x1



Blokada osi x9



Złącza z 3 otworami x5



5,5"
oś x1



3,5" oś x2



2,5"
Kanał L x1



Śruby 12 mm
x31



nakrętki
x31



Plastikowy haczyk
x1

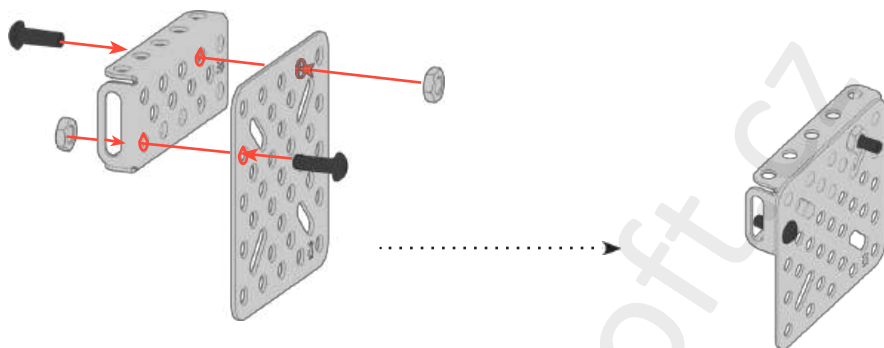


Duża gumowa taśma
x1

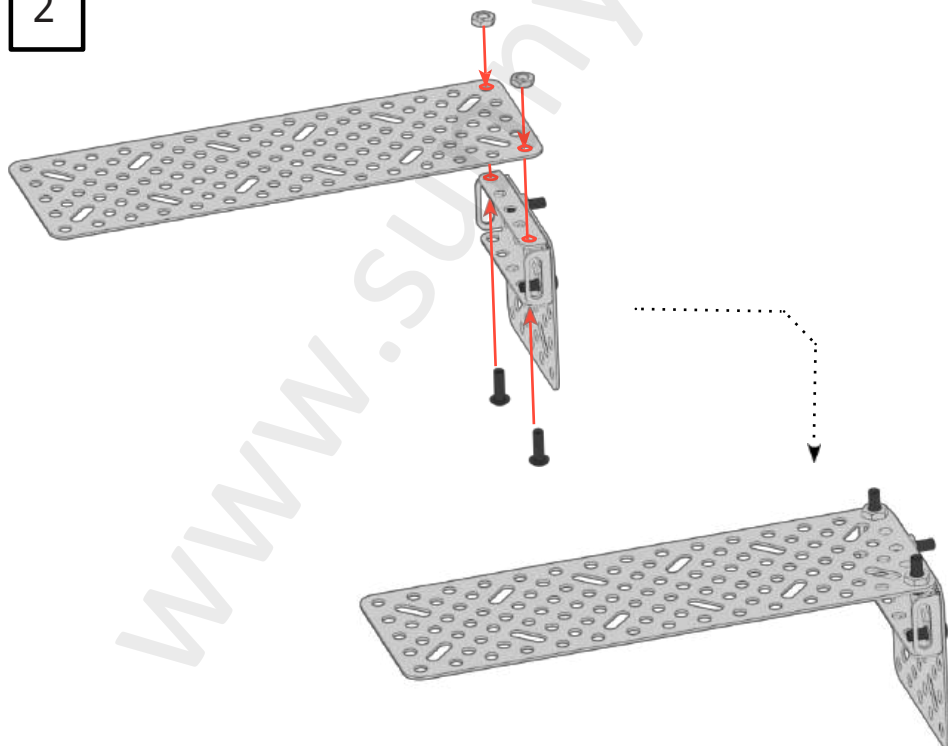


Mała gumowa taśma
x1

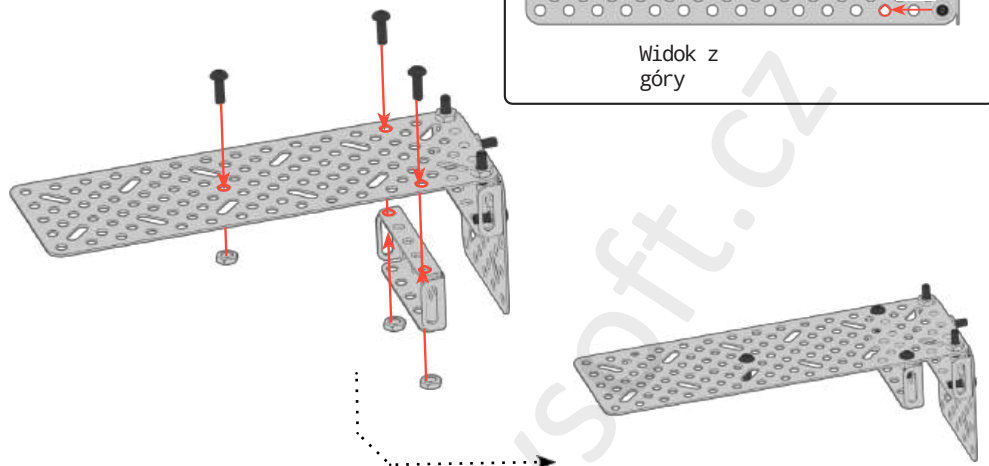
1



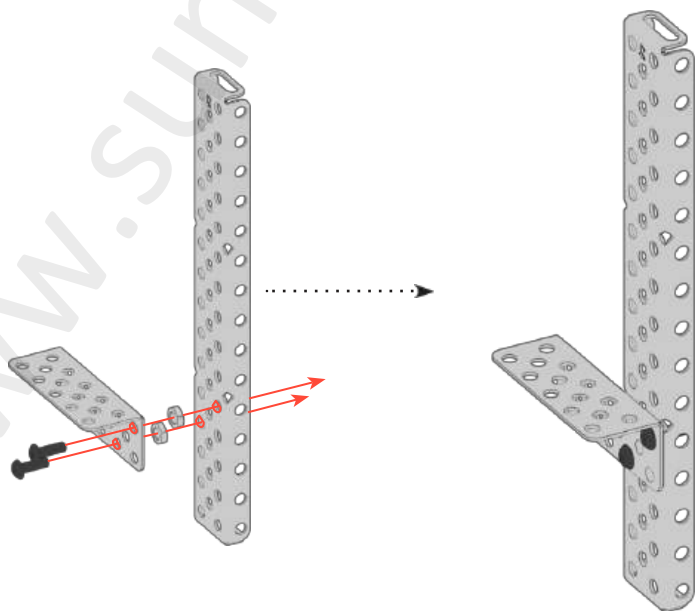
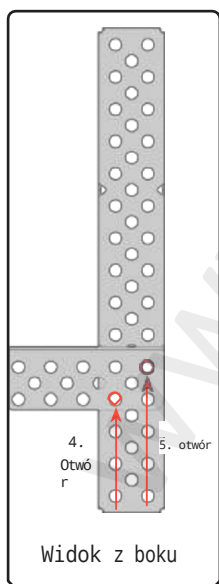
2

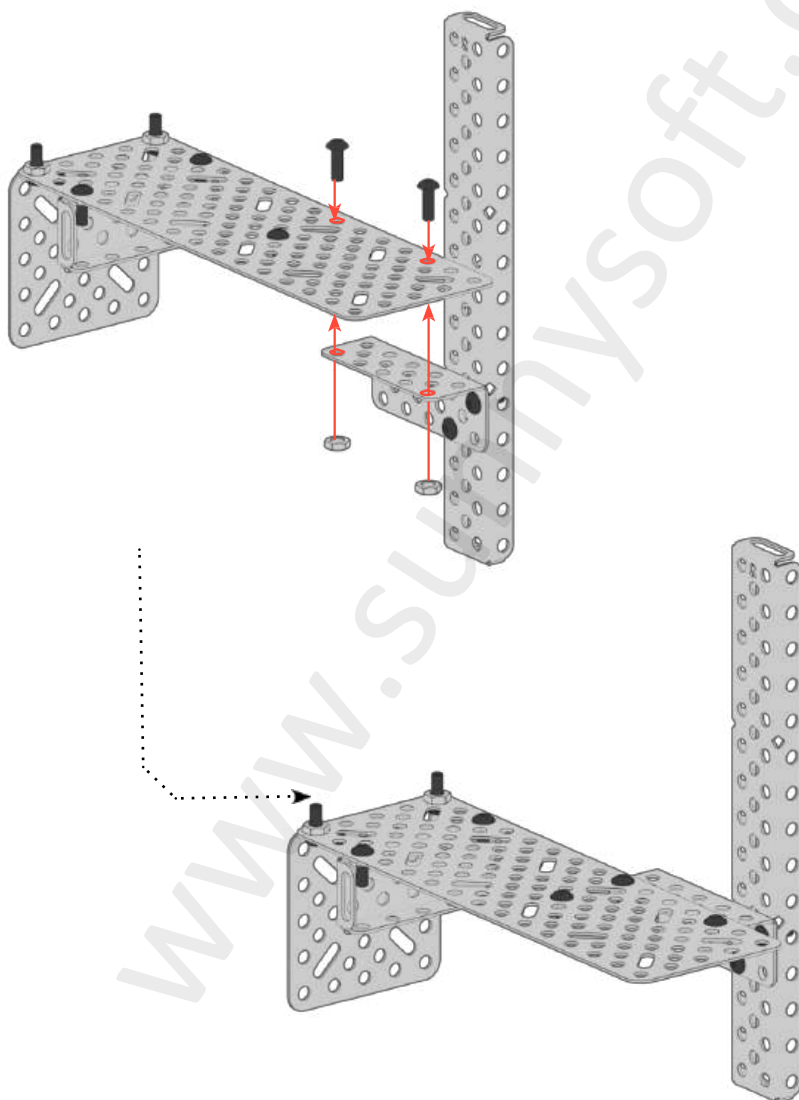
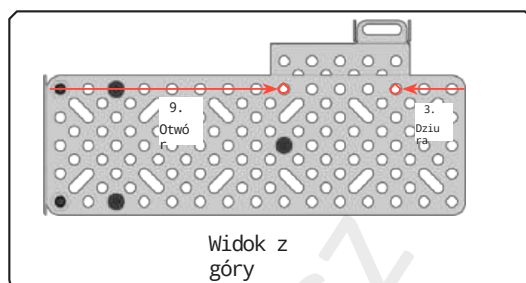


3

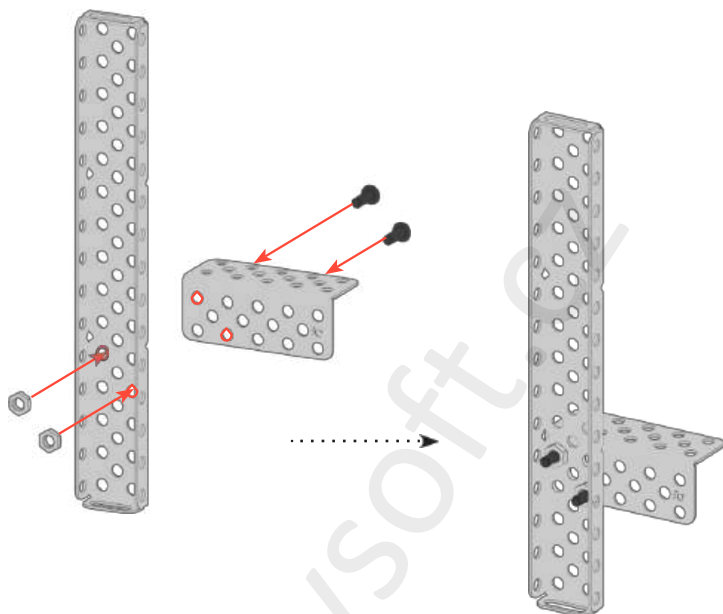
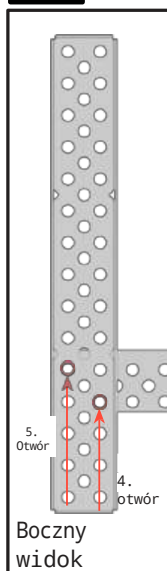


4

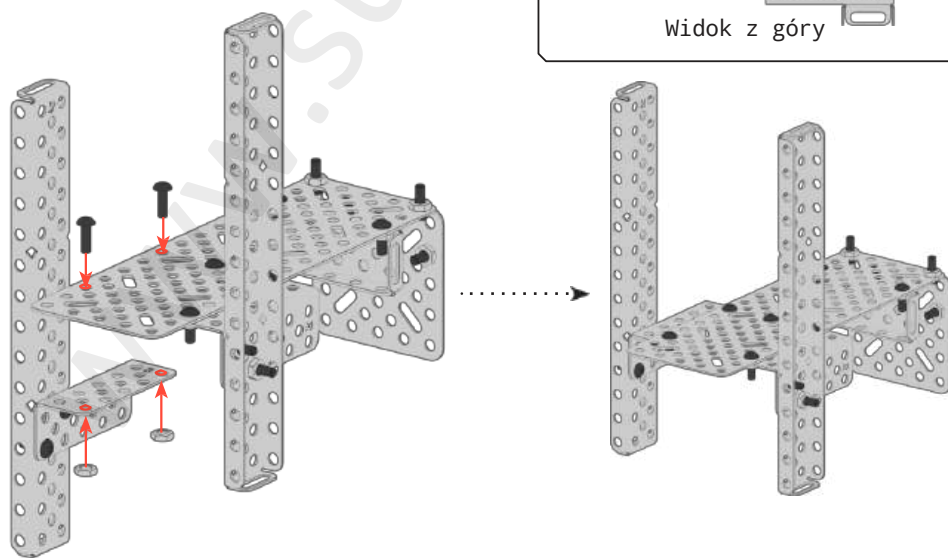
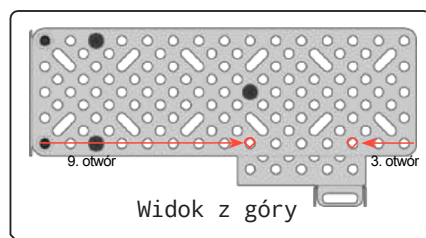




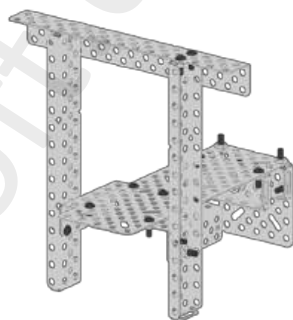
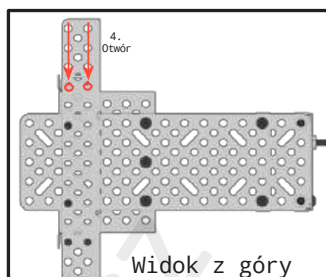
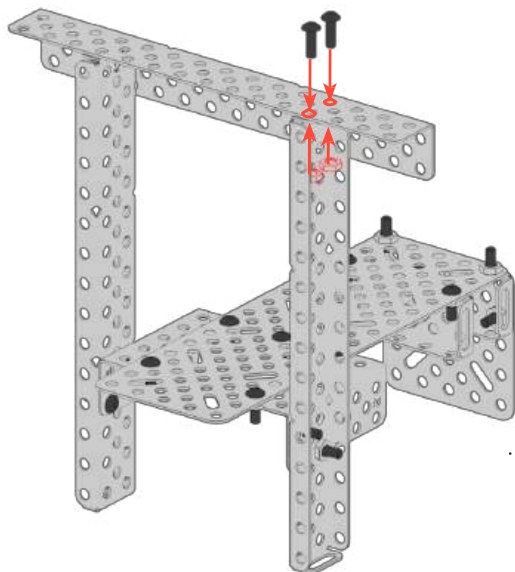
6



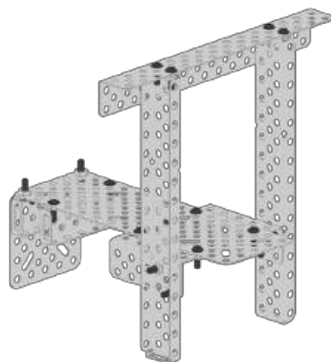
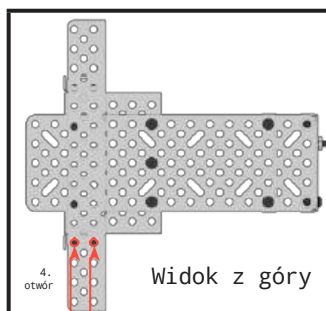
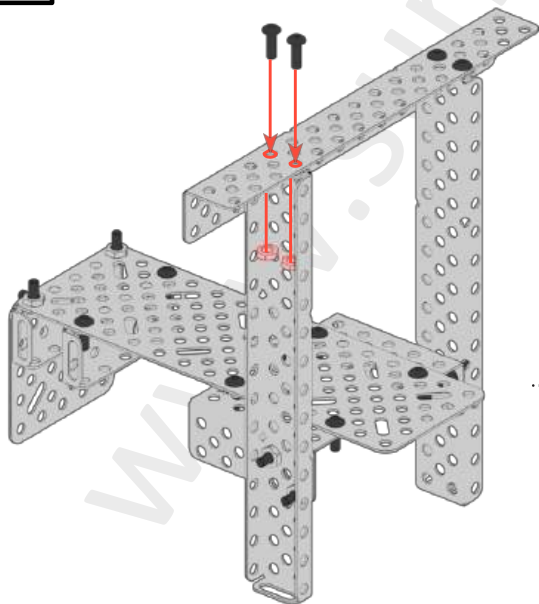
7



8

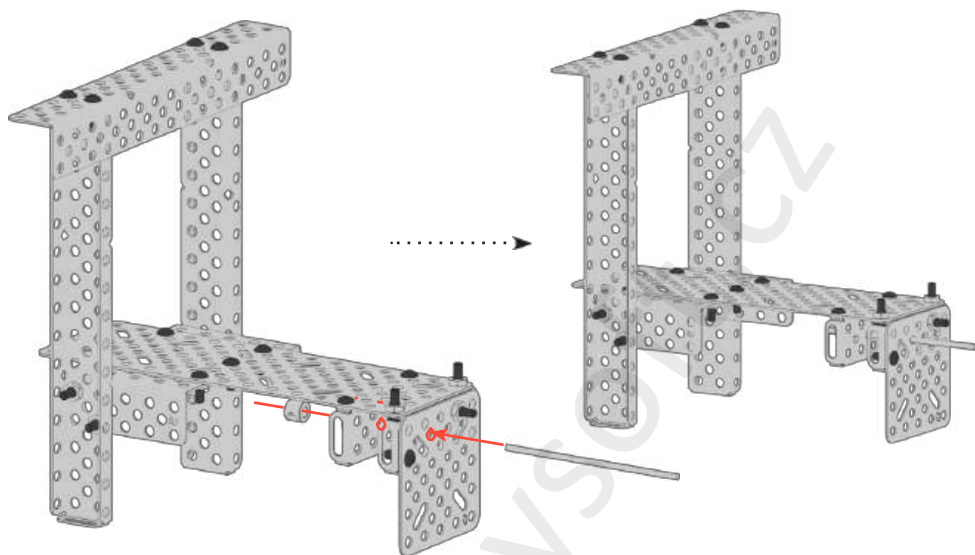


9



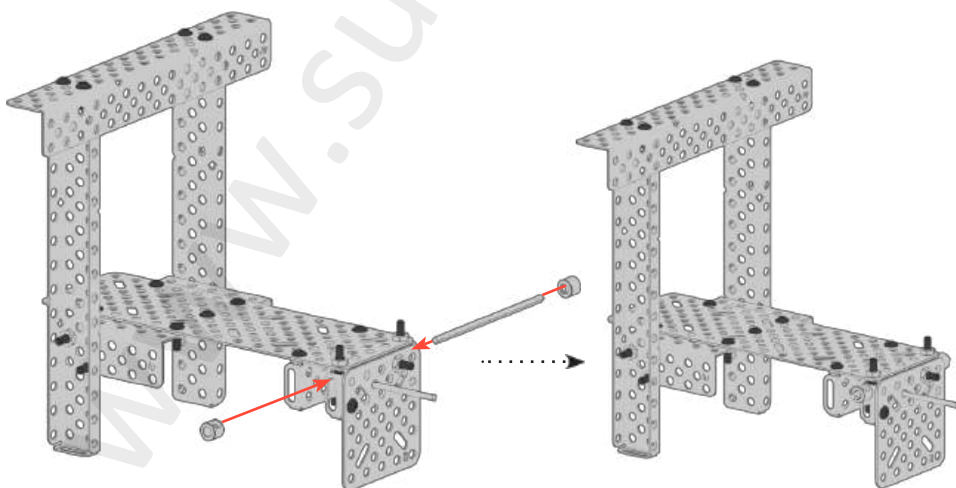
10

Oś 1 1 3,5

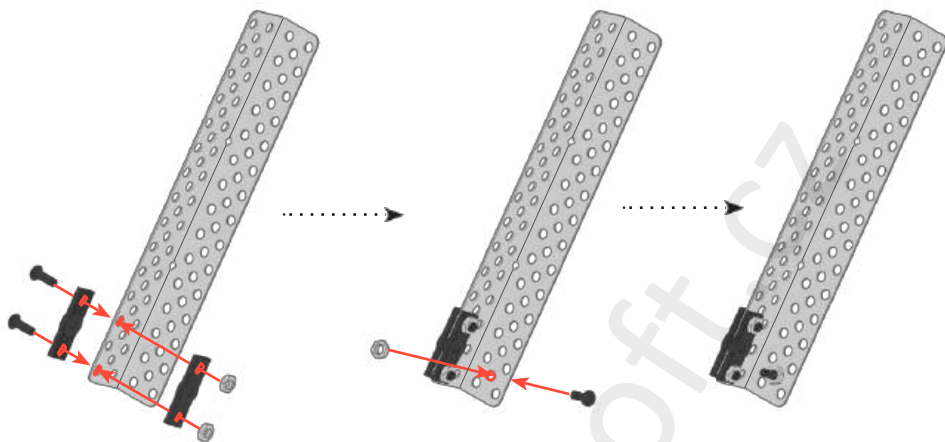


11

Oś 1 1 3,5

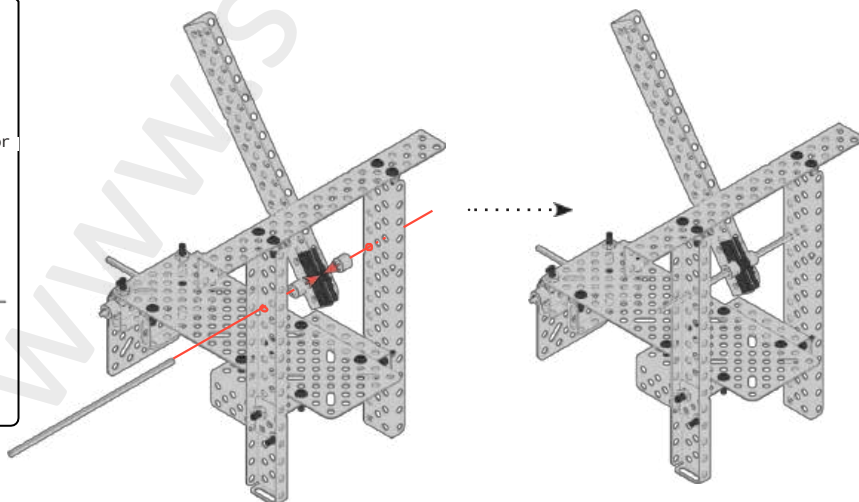
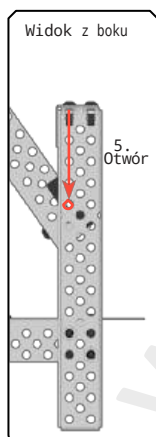


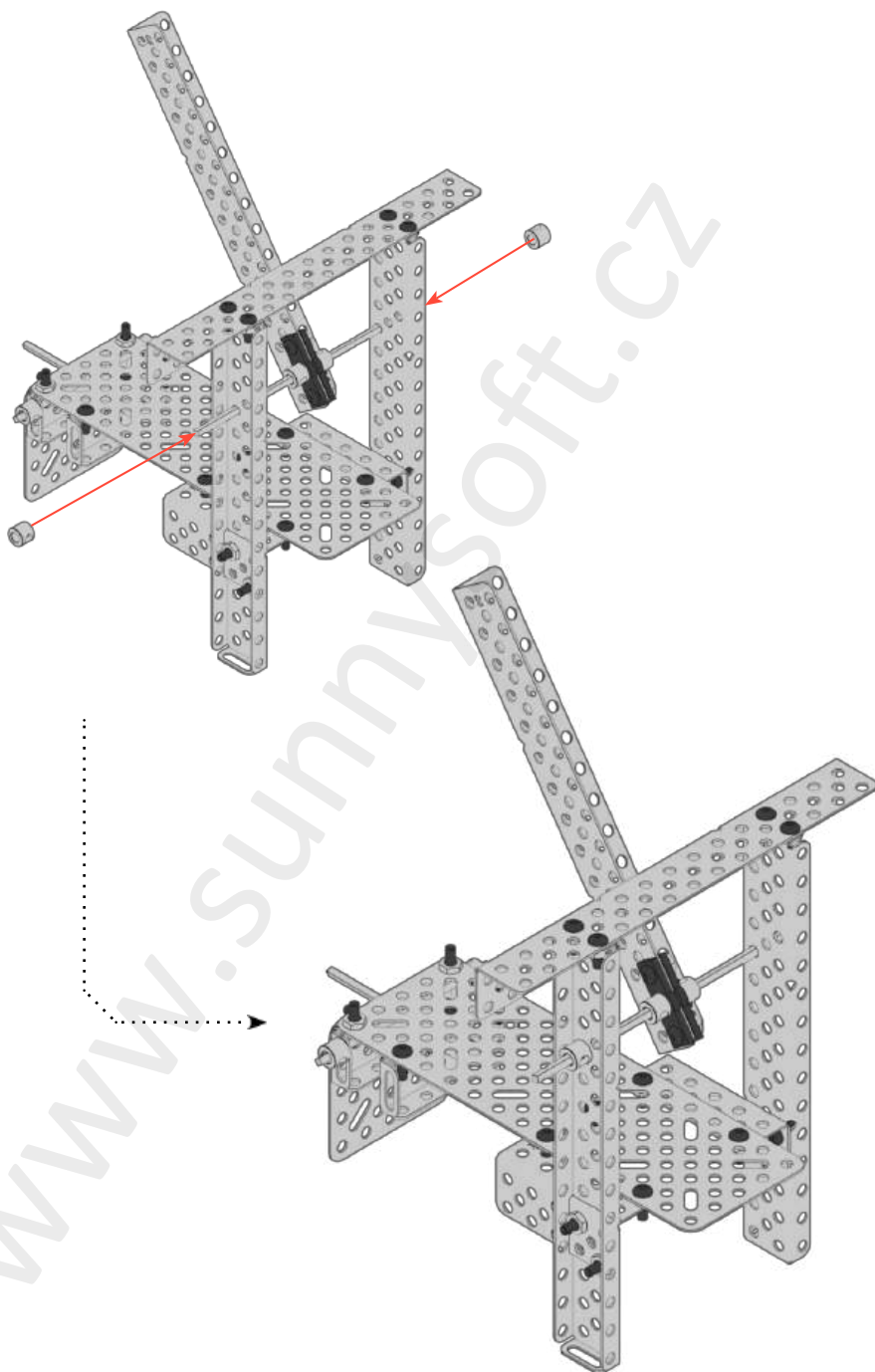
12



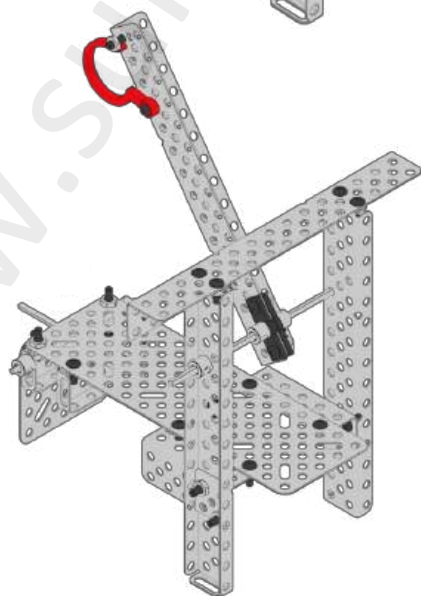
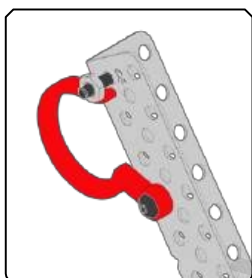
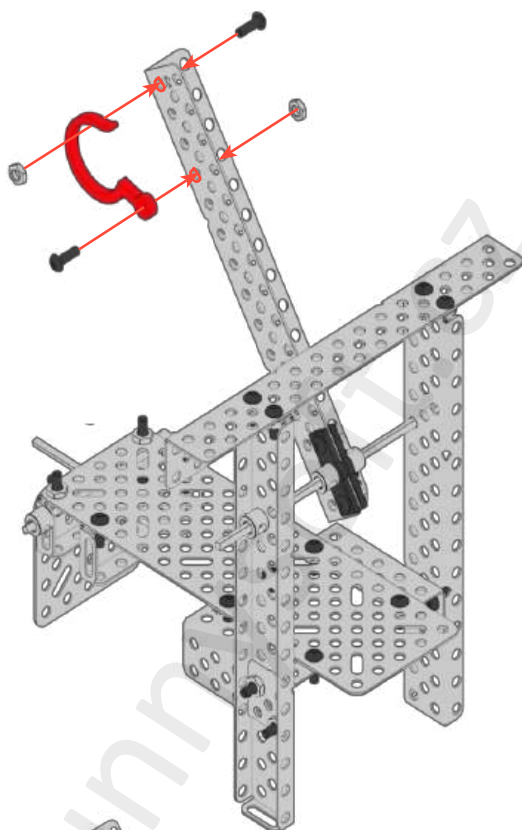
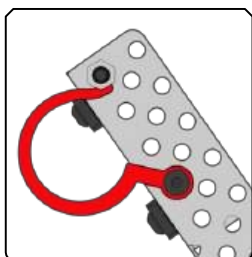
Oś 1: 5,5

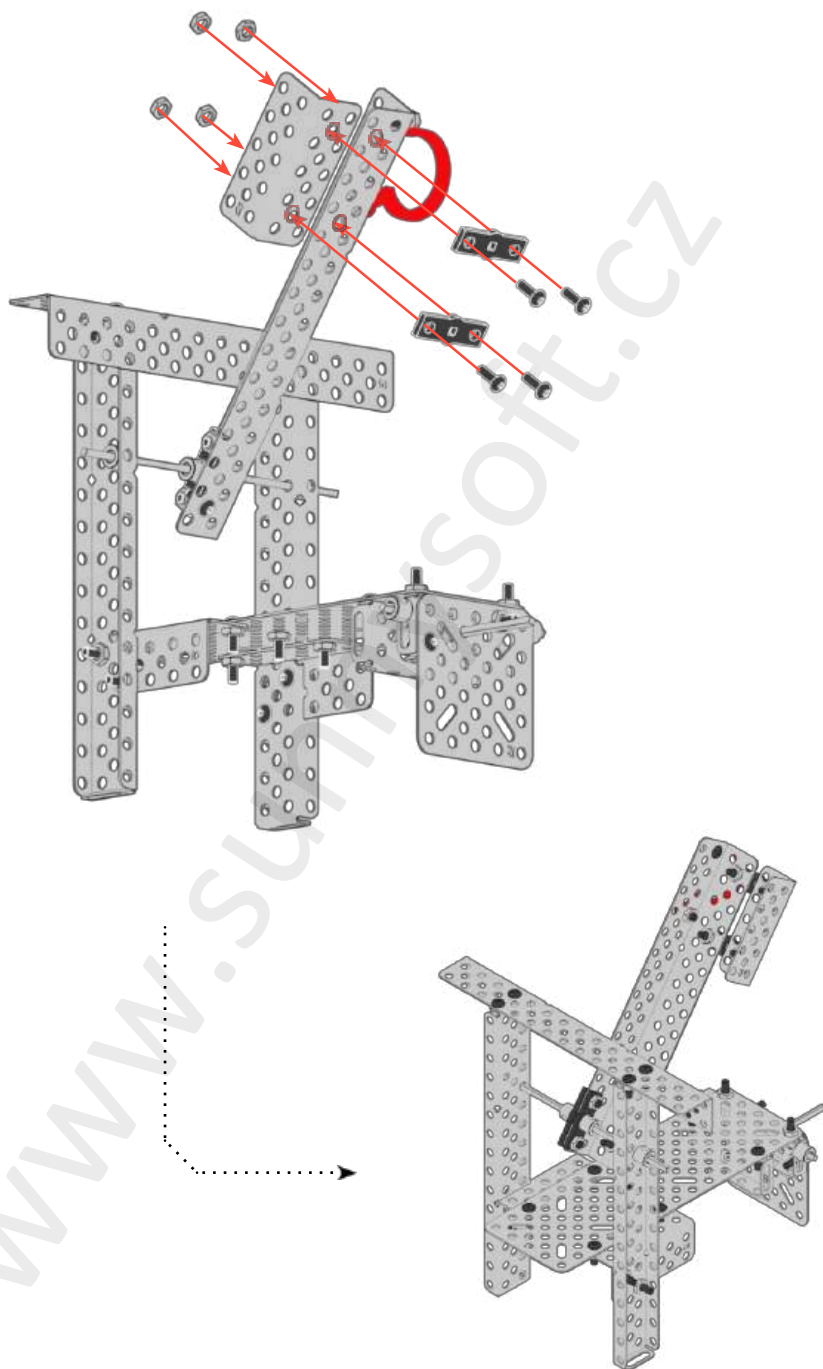
13

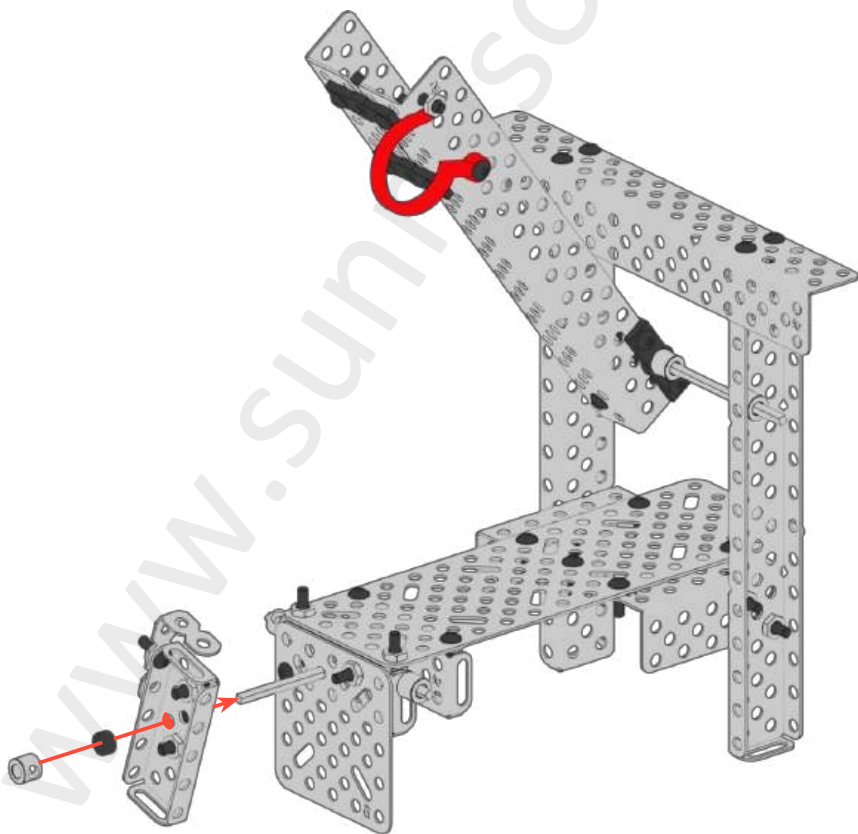
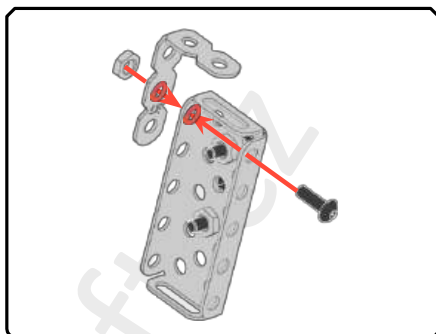
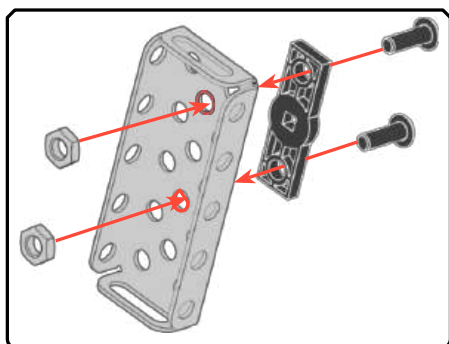




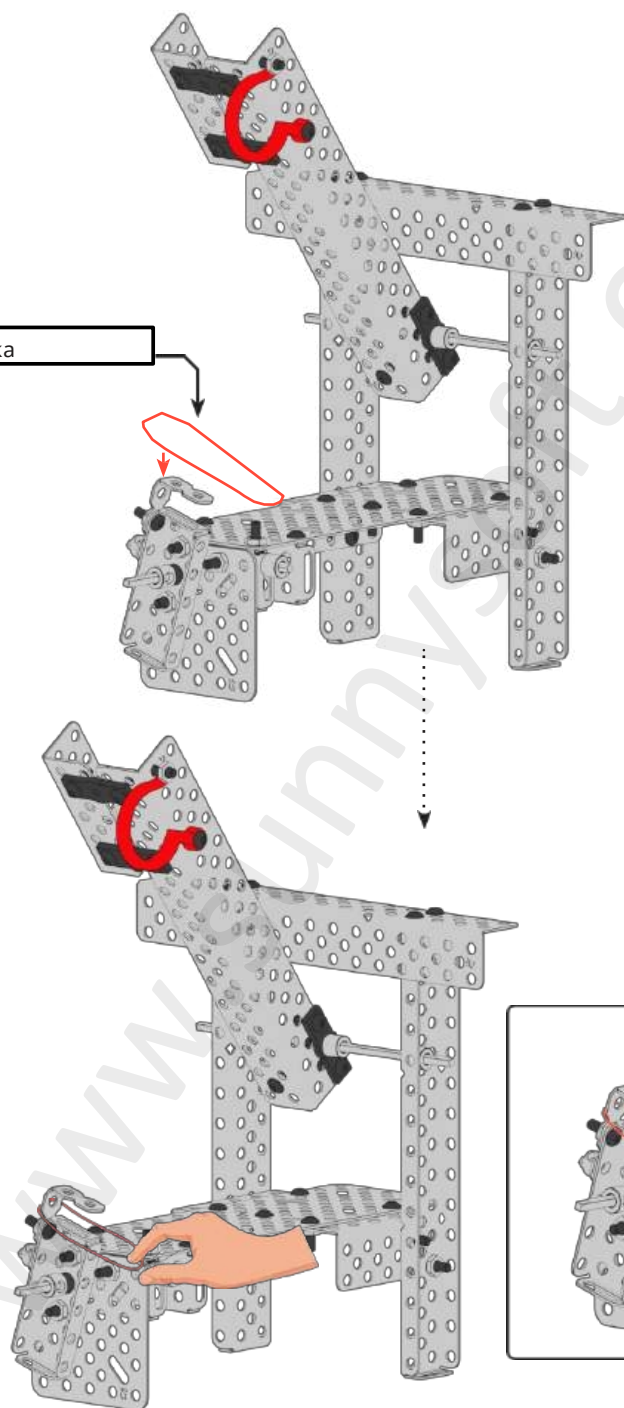
15

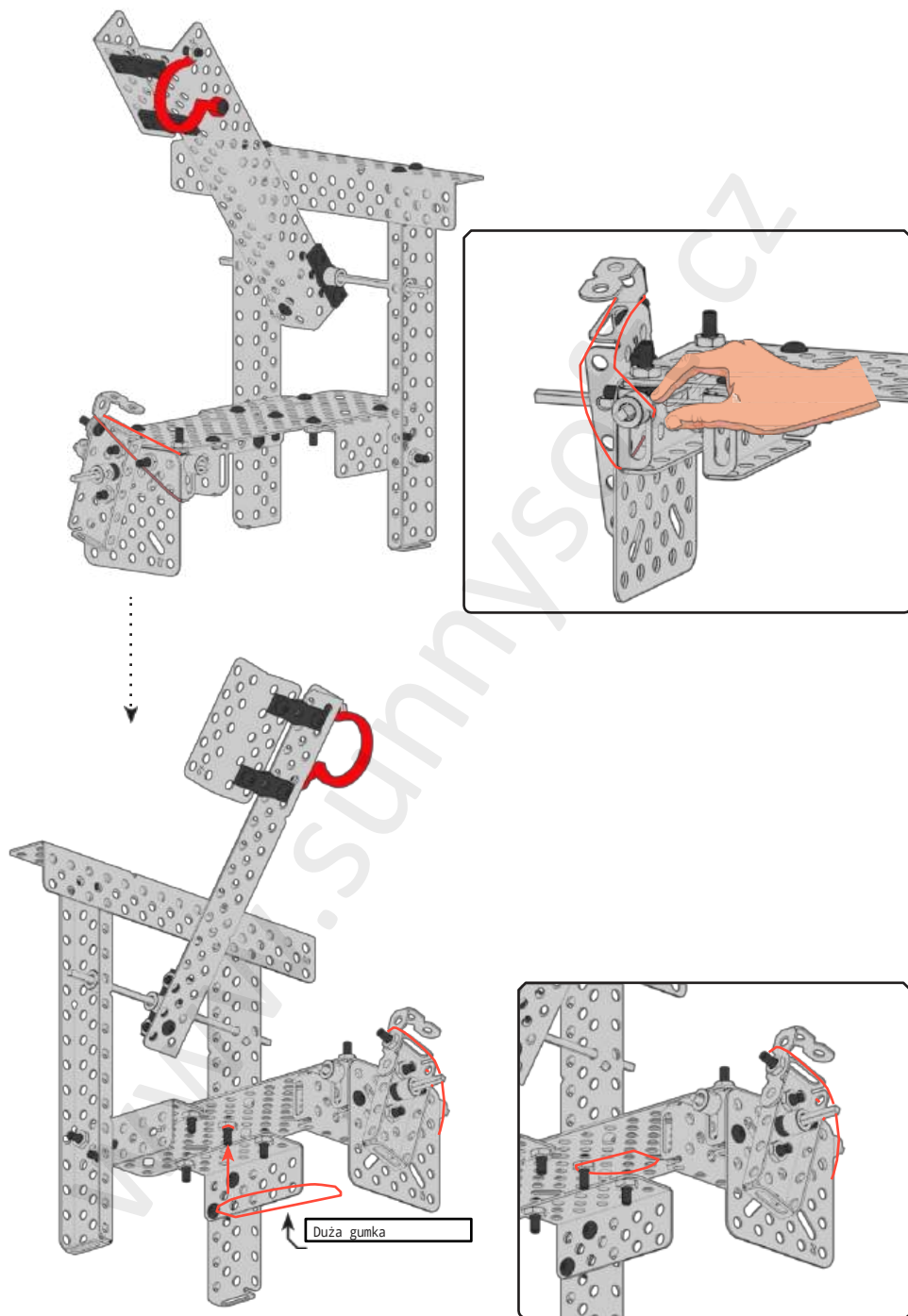


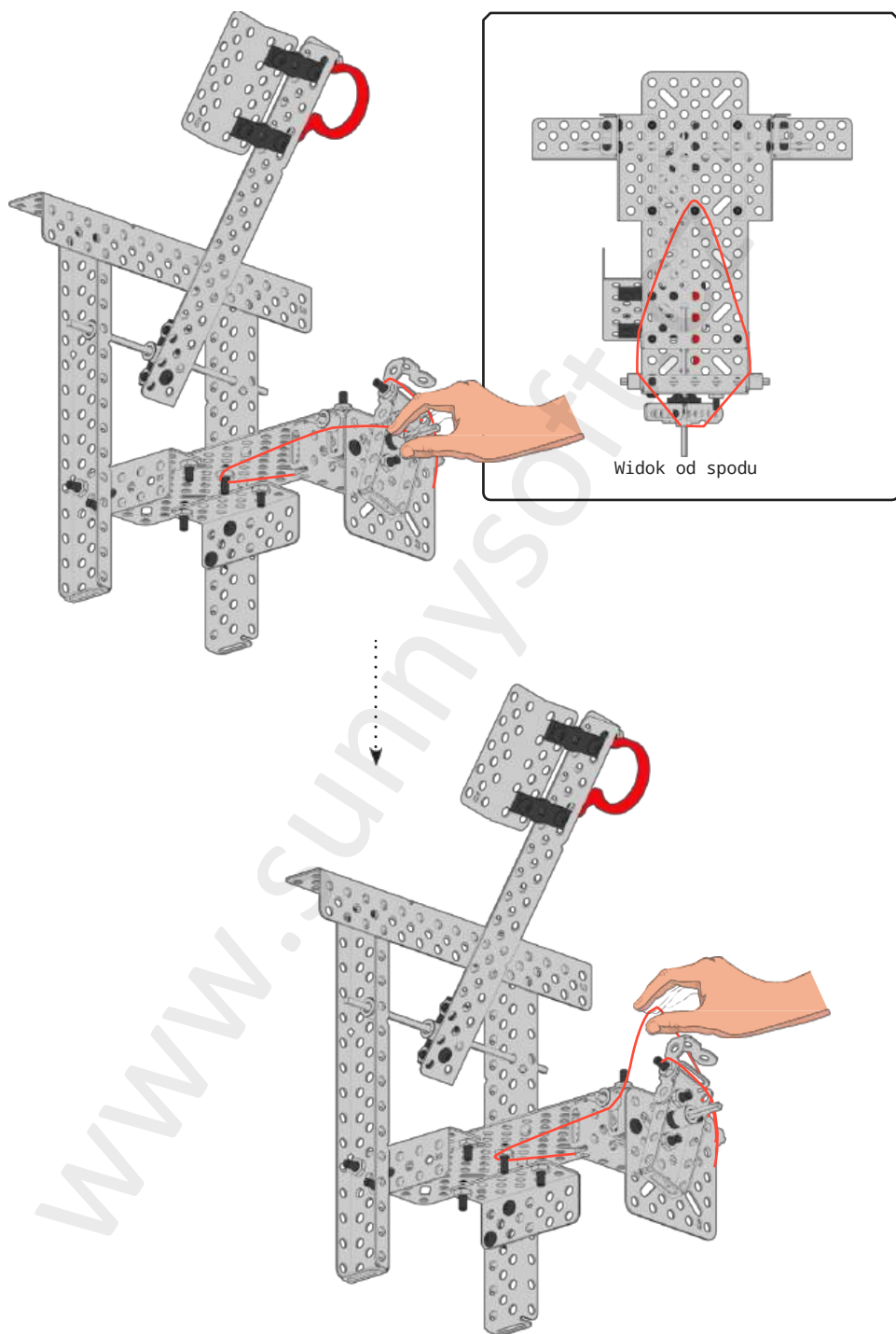


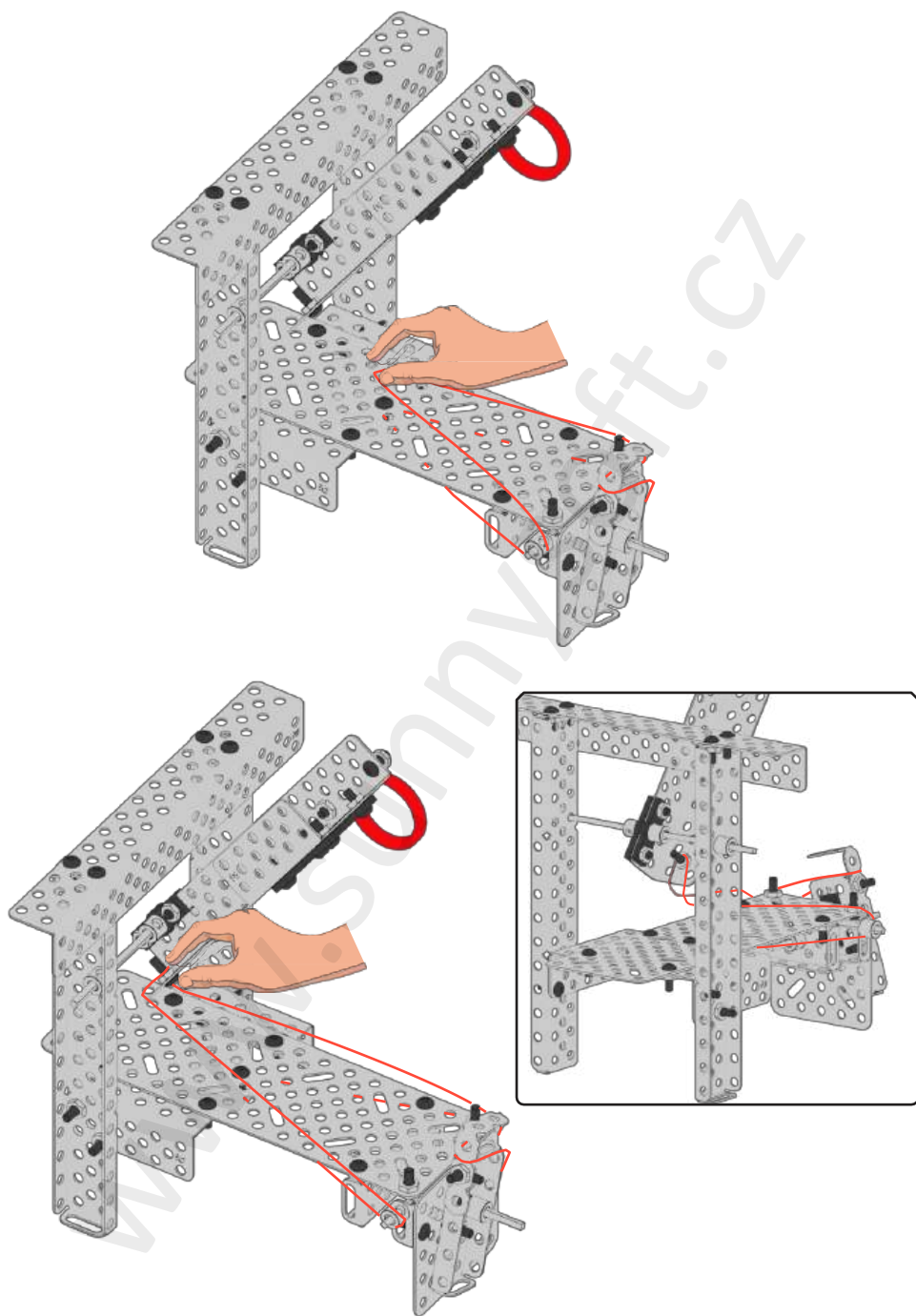


Mała gumka



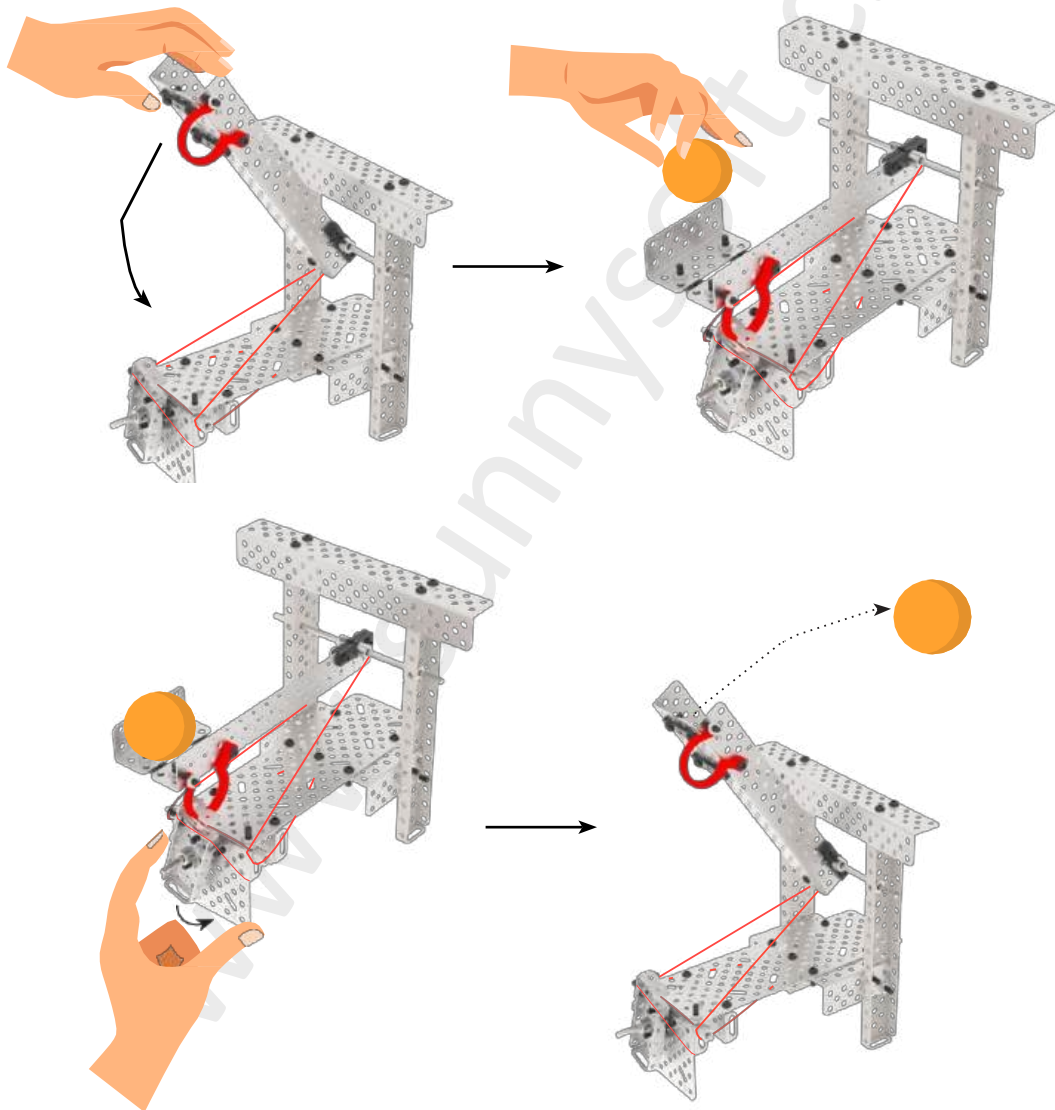




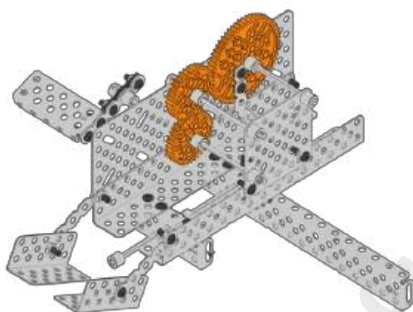


Jak bawić się katapultą

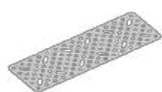
- Opuść ramię
- Załóż zatrząsk.
- Umieść piłkę.
- Zwolnij zatrząsk.
- Piłka pędzi do przodu.



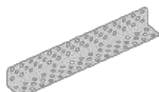
Projekt 5: Wyrzutnia piłek



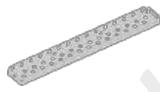
Czego będziesz potrzebować?



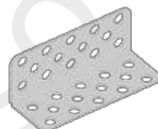
7,5"
Prostokątny
płyta
x1



7,5"
Kanał L
x2



7,5"
Belka w kształcie litery
U
x1



2,5"
Kanał L
x2



2,5"
Flexi
x5



2,5"
Belka w
kształcie
litery U
x2



Wypełnienia x3



Blokada osi
x16



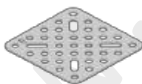
Złącza z
3 otworami x3



Oś 5,5" x2



3,5"
oś x2



2,5"
Kanał L x1



Śruby 12 mm
x22



Nakrętki
x22



Mała gumowa
taśma
x1

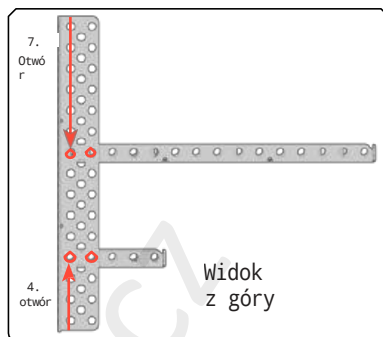
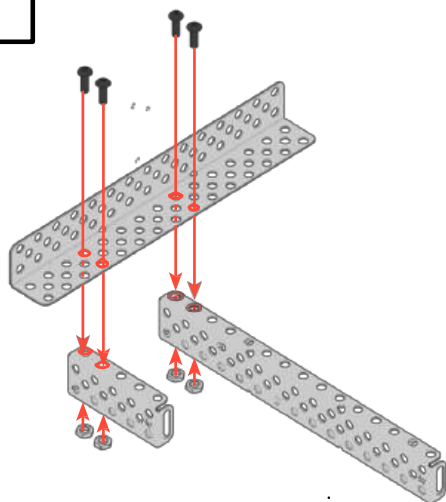


Duże koło zębate
koło zębate x1

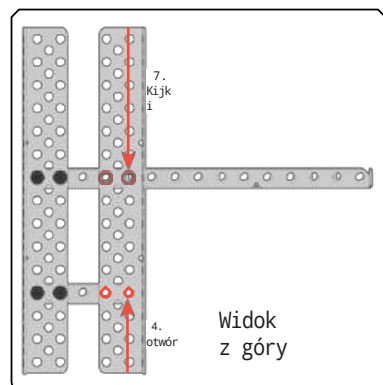
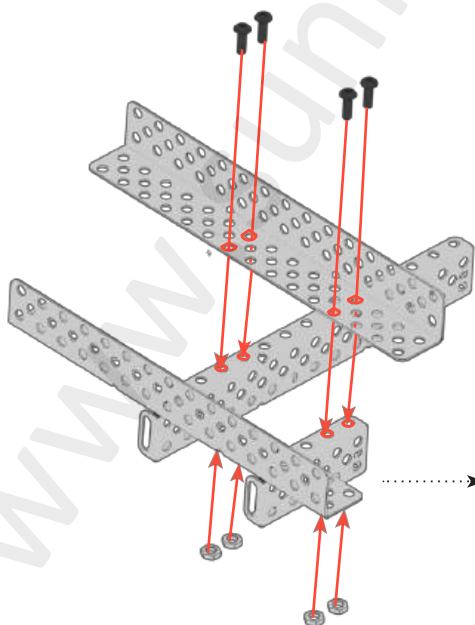


Średnie koło
zębate
x2

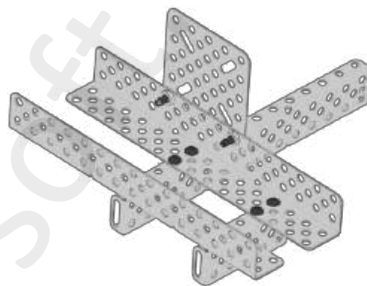
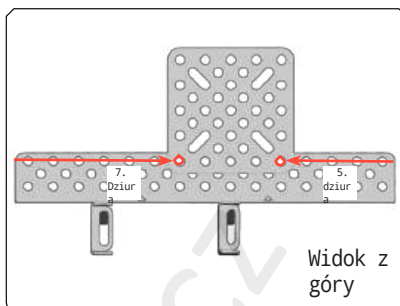
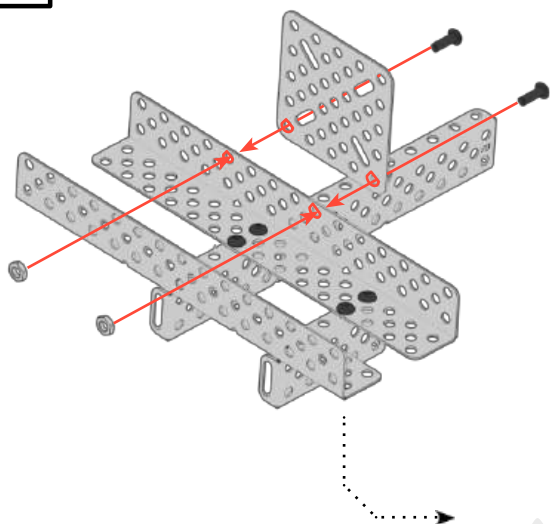
1



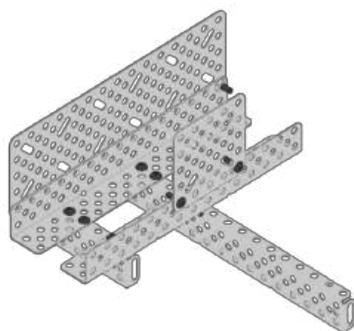
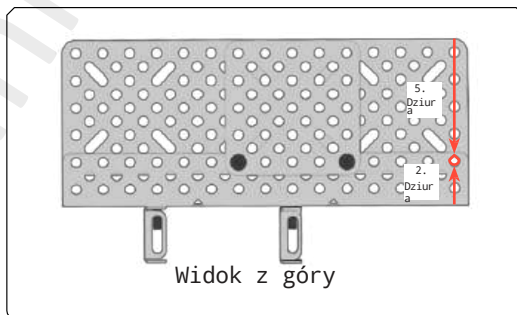
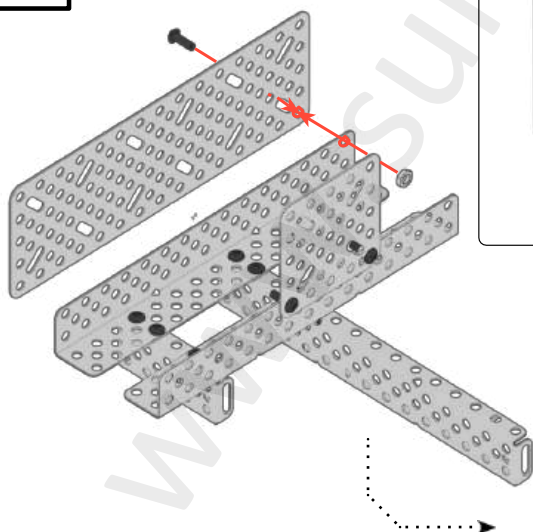
2



3

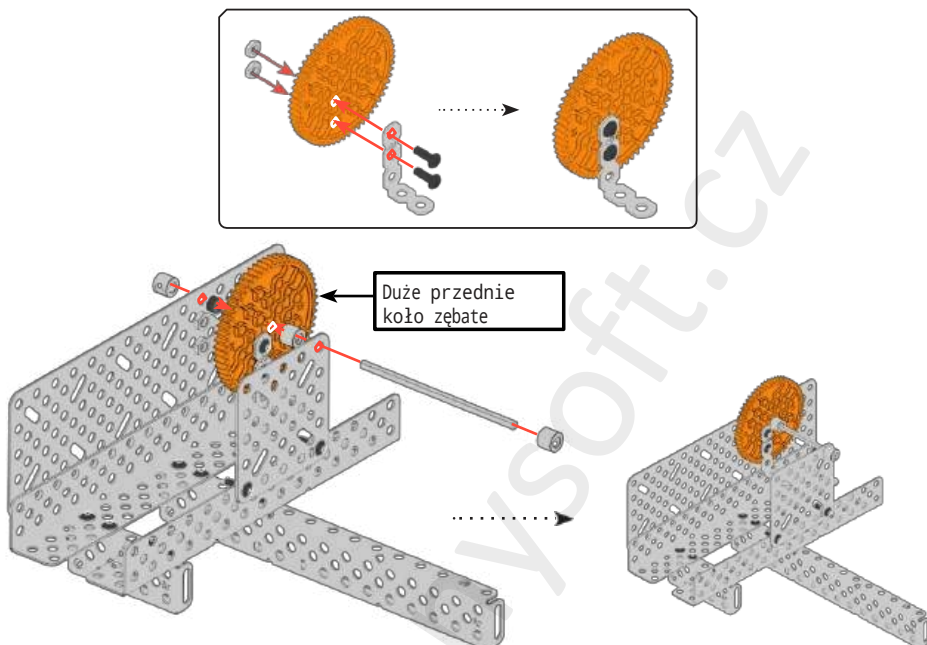


4



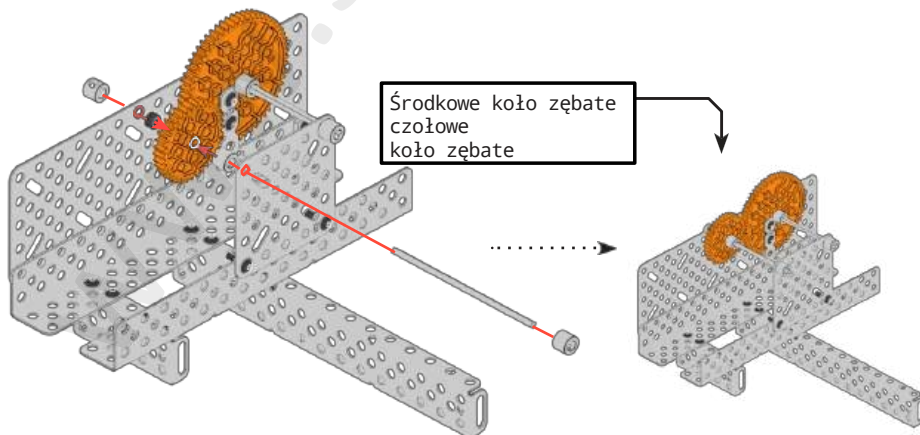
5

Oś 1: 1, 3, 5

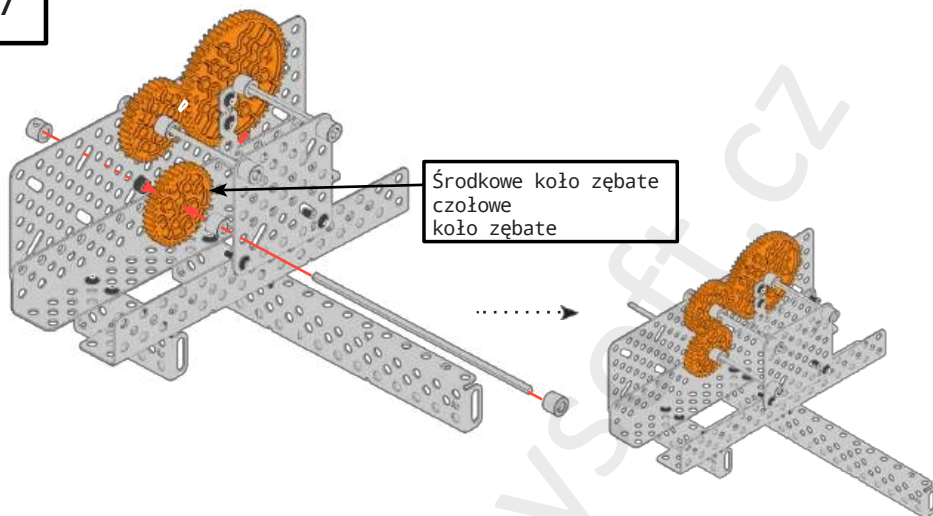


6

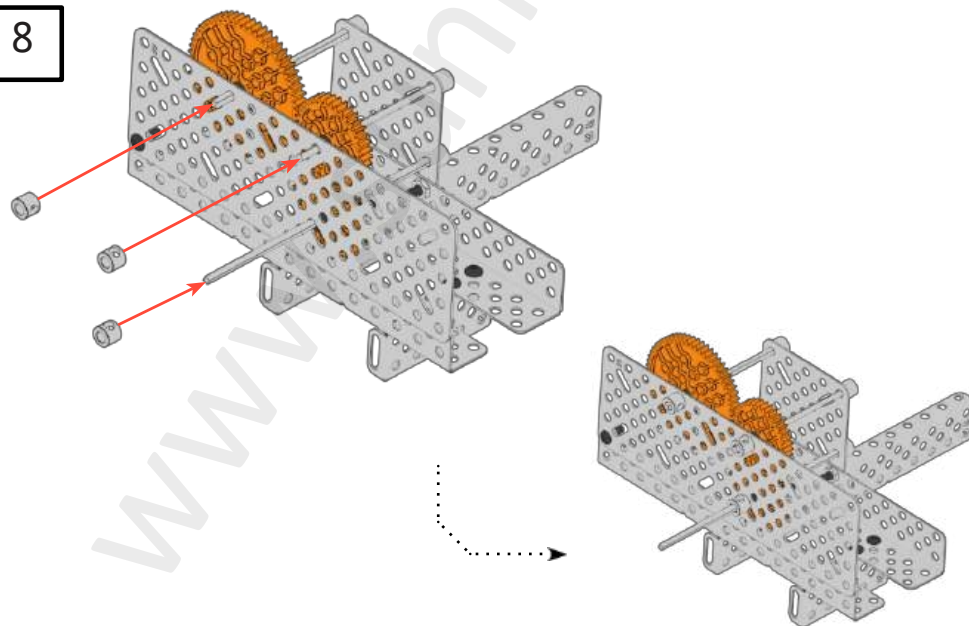
Oś 1: 1, 3, 5



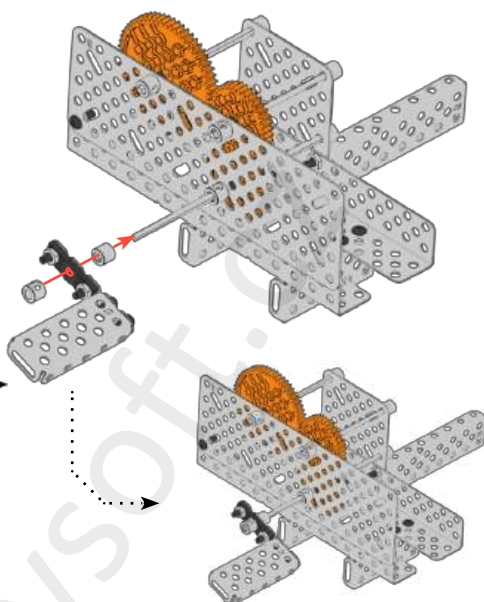
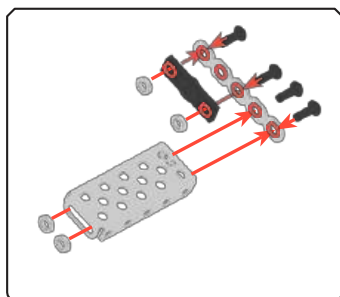
7



8

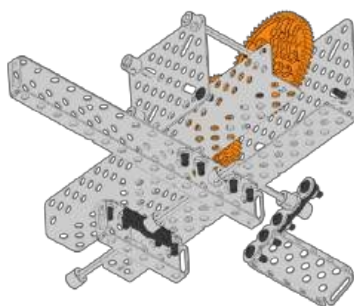
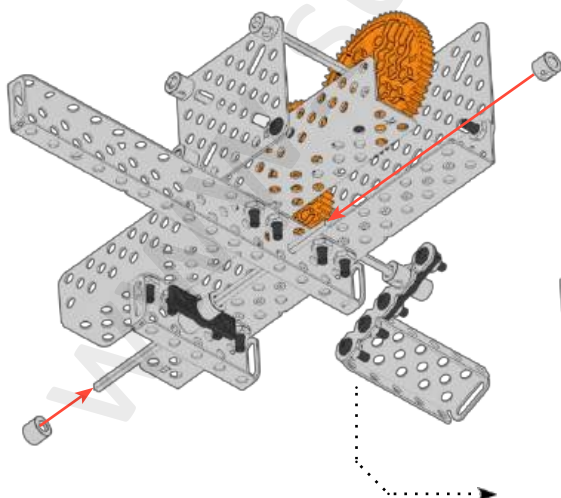


9

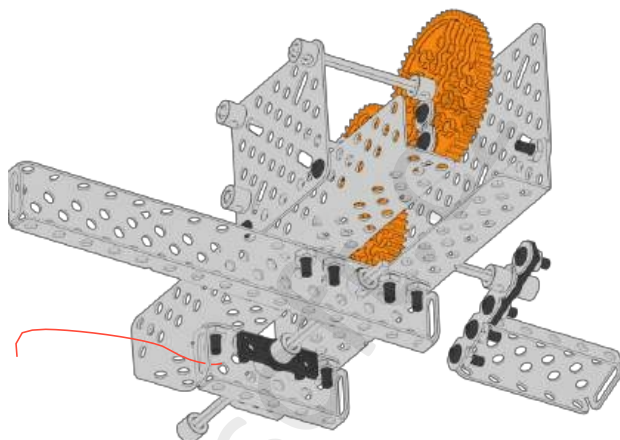
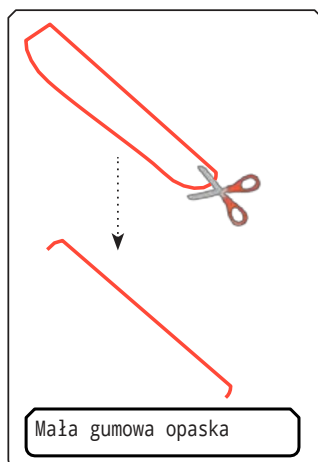


Oś 1: 5,5

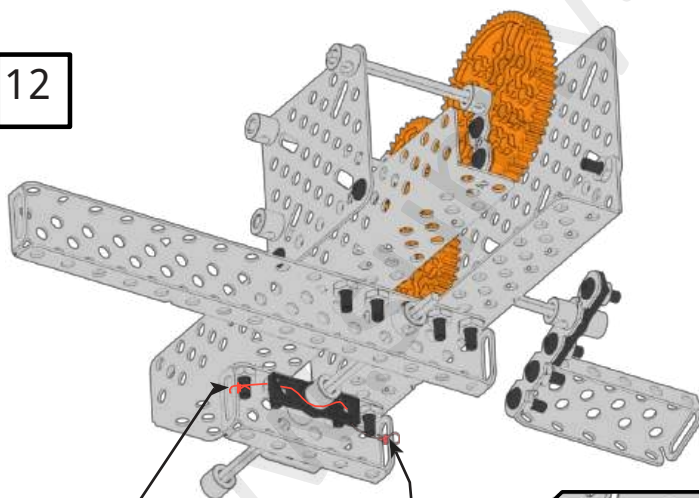
10



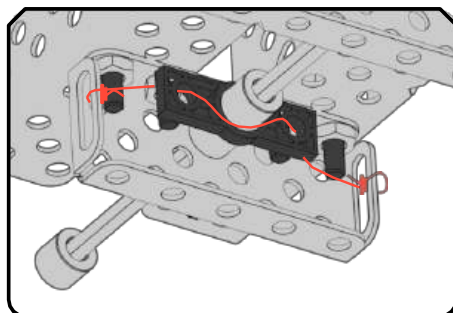
11



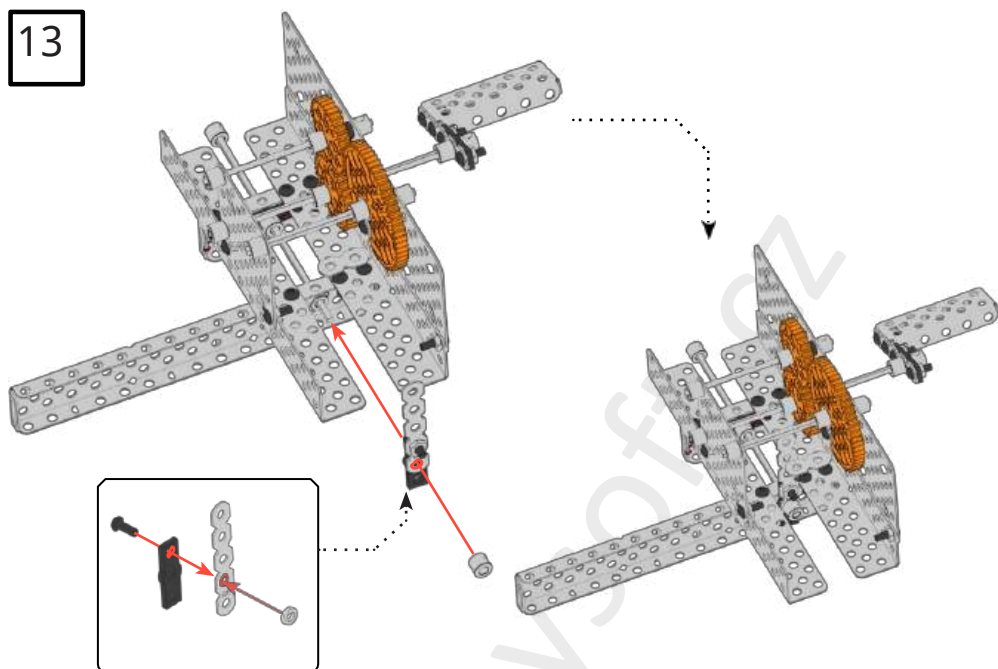
12



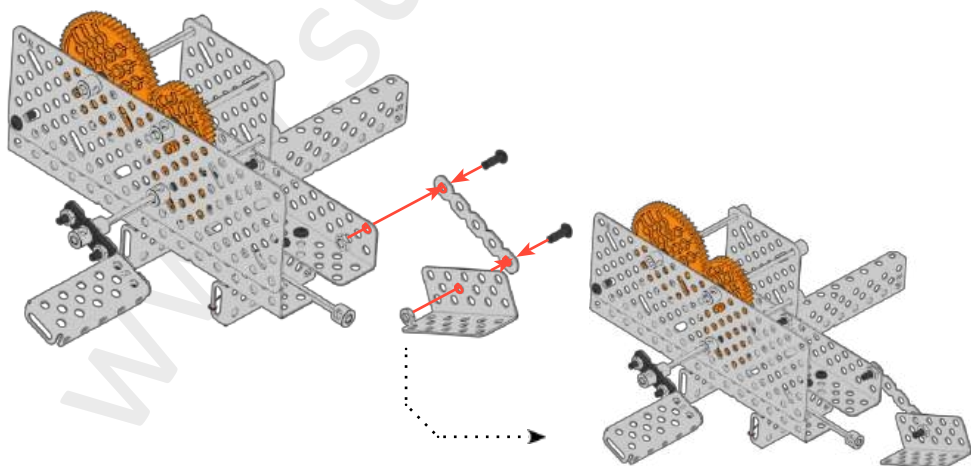
Zawiąż węzeł!

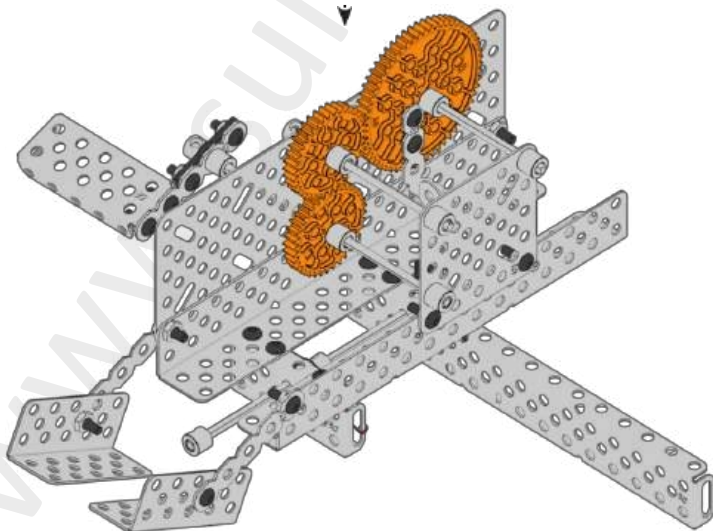
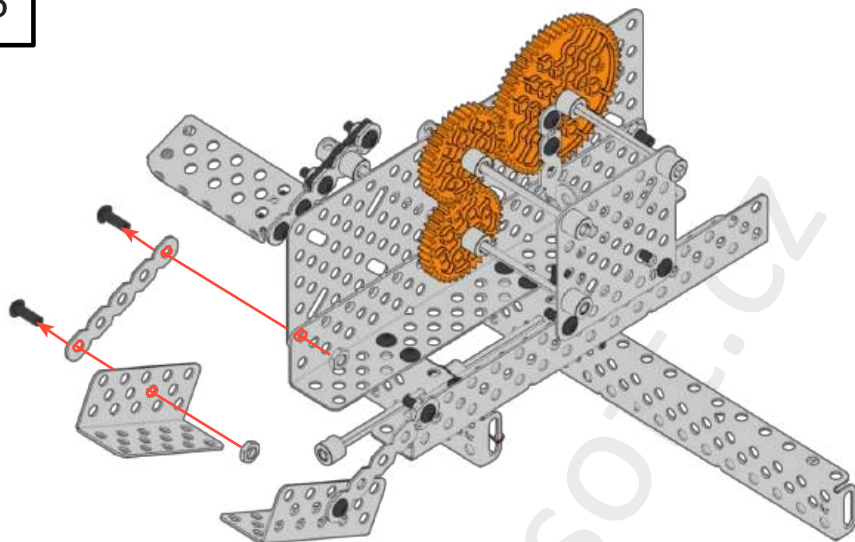


13



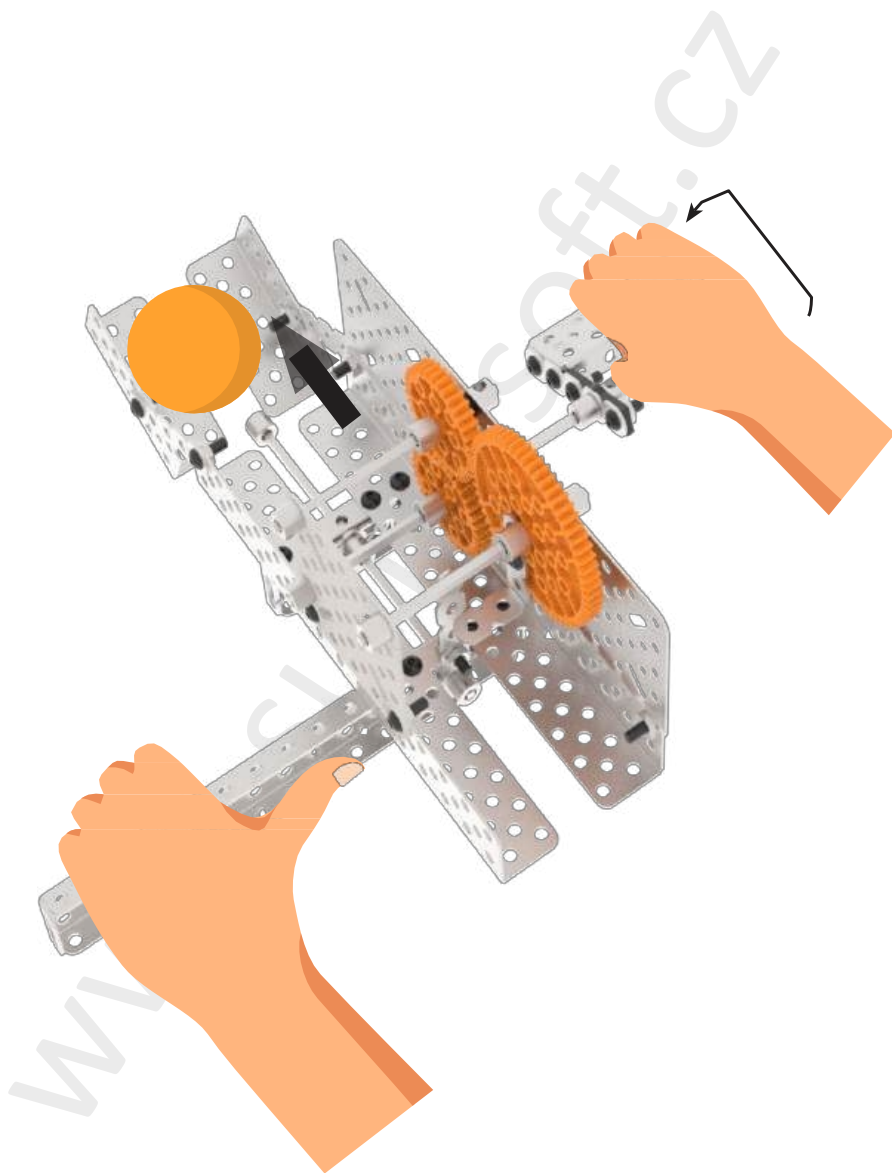
14





Jak się bawić

- Umieść kulkę w małym pojemniku w kształcie litery L.
- Obracaj dźwignię/uchwytem. Oś uderzy w kulkę.



Masz problemy?

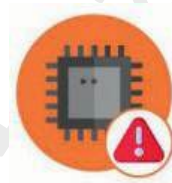
Nasze wsparcie techniczne jest do Państwa dyspozycji w następujących godzinach: od poniedziałku do soboty: od 9:00 do 20:00
niedziela i trzecia sobota miesiąca: od 9:00 do 18:00



Problemy z oprogramowaniem



Problemy z obsługą



Problemy ze sprzętem

Aby skontaktować się z pomocą techniczną, zeskanuj kod QR.



support@avishkaar.cc
+91-8506931515

Dostawca/Dystrybutor
Sunnysoft s.r.o.
Kovanecká 2390/1a
190 00 Praha 9
Republika Česka
www.sunnysoft.cz

ROBOTICS EXPLORER

Začnite svojo pot v svet robotike!



Inovirajte



Prisega inovatorja

Prisegajte inovatorsko prisego, navedeno na strani 6, in razumite, kaj pomeni biti inovator.



Naučite se uporabljati priročnik

Sledite podrobnim navodilom v priročniku in se naučite sestavljati zanimive robote iz gradnika.



Sestavljanje, programiranje in upravljanje

Zgradite inovativne projekte s pomočjo gradbenega kompleta, robote upravljajte z daljinskim upravljalnikom Remote Avishkaar in jih programirajte z aplikacijo Avishkaar Maker Studio.

Delite

Zmagajte



Pridružite se k Let's Avishkaar

Pridružite se naši skupnosti na FB - povežite se z inovatorji in prejemanje najnovejše informacije o spletnih seminarjih.



Objavite projekte

Naložite projekte na www.avishkaar.cc in jih delite z inovatorji po vsem svetu.



Mednarodna tekmovanja

Sodelujte v tedenskih, mesečnih in letnih tekmovanjih ter si pridobite slavo po vsem svetu.



Prisega inovatorja

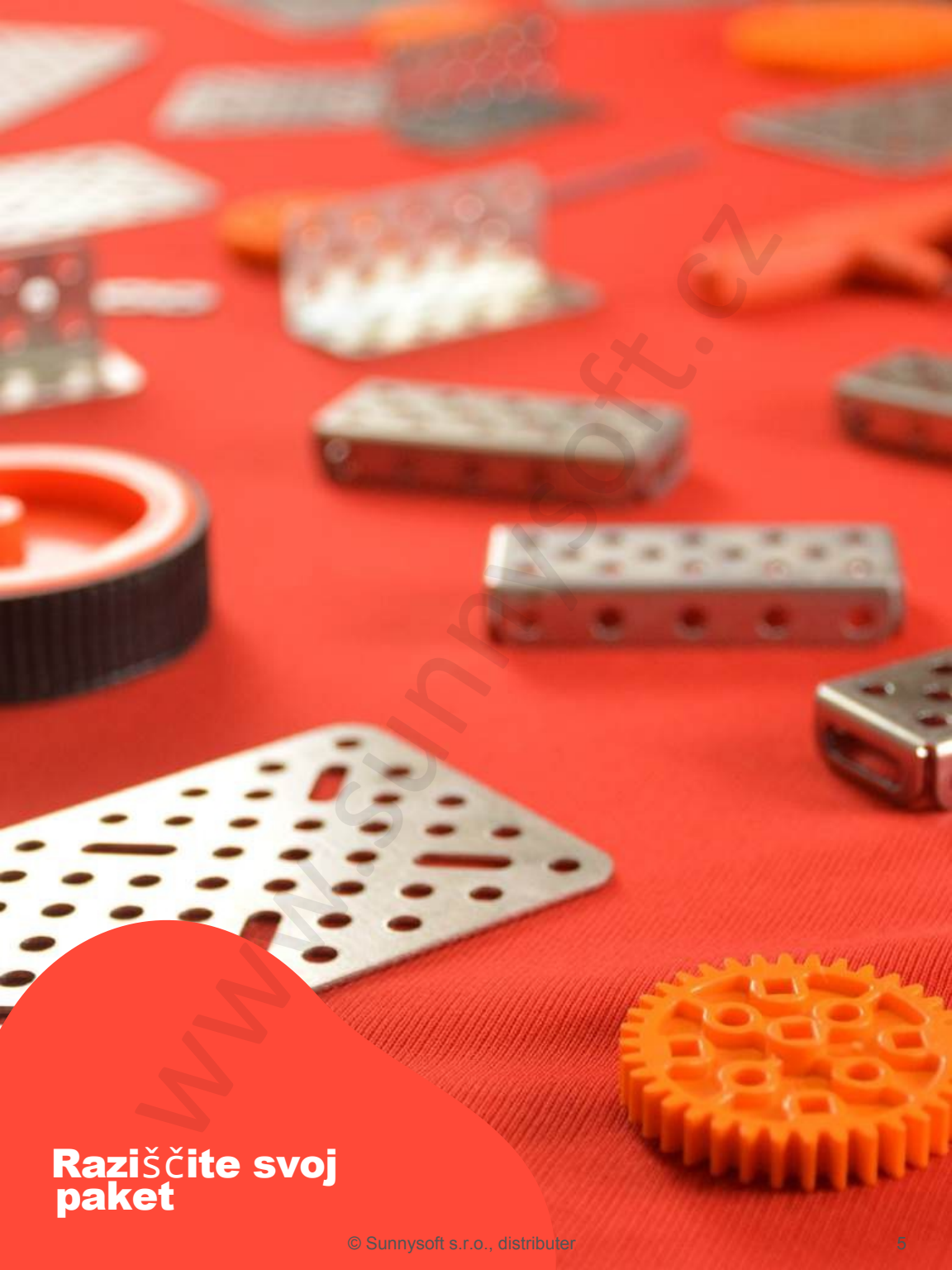
Dajte spodnjo obljubo inovatorja in se zavežite k vseživljenjskemu prizadevanju za inovacije in reševanje problemov. Fotografijo delite v skupnosti Let's Avishkaar na Facebooku

Slavnostno prisegam, da ko sem se že podal na pot inovacij, ne bom obupal, dokler moja inovacija, moj projekt, ne bo končan. Izpopolnjeval bom svoje veščine in orodja ter jih dobro uporabljal. Inovacije in jaz bomo neločljivi. Svoje inovacije bom vedno delil z drugimi inovatorji in se od njih učil.

I (vpišite svoje ime)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

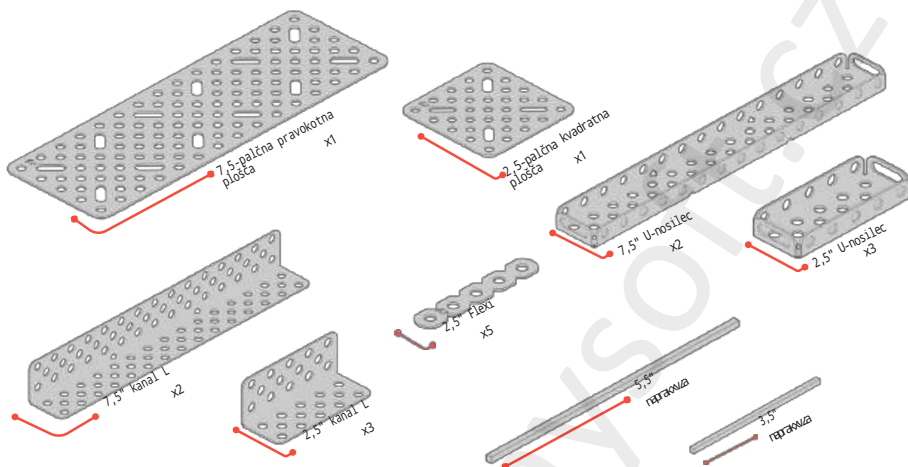
podpis



**Raziščíte svoj
paket**

Pregled opreme

Kovinski deli



kolesa in zobniki



Majhn
a
kolesa
x3



Velika zobata
kolo x1



Srednje
sprednje
zobato kolo
x2



Majhno čelno zobato
kolo x1

Orodje



imbus
klju
č x1



Plastični
kavlj
k x1



Ključ x1



Priključek s
3
odprtina
i x5



Polnila
x11



Zaklepki osi
x16



12-mm
vijak
x31



Matice
x31



Veliki gumijasti
trakovi
x2



Majhni gumijasti
trakovi x2

Osnove gradnje

Razumevanje nekaterih osnov gradbeništva

Zategovanje vijakov



Zategovanje osi



Zategnite
(vrtite v smeri
urinega kazalca)



Oslabite
(vrtite v
nasprotni
urinega
kazalca)

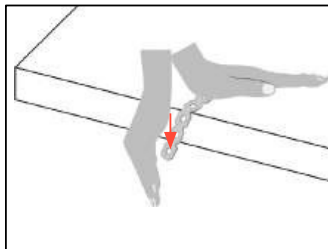
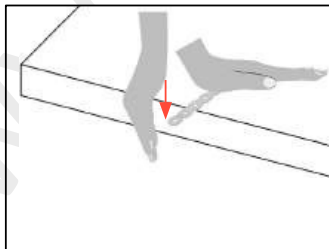


Zategnite
(vrtite v smeri
urinega kazalca)

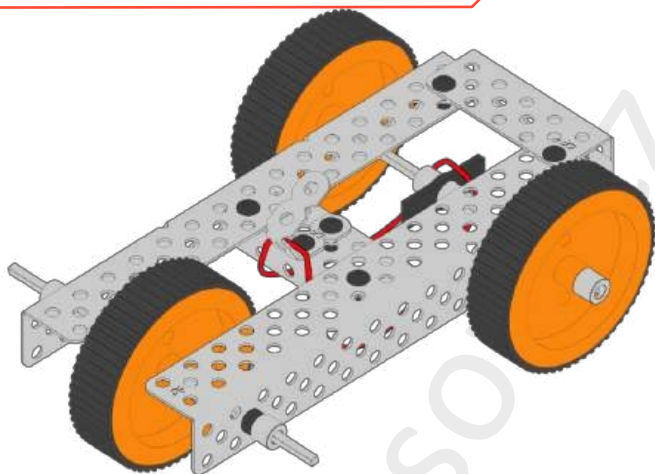


Oslabite
(vrtite v
nasprotni
urinega
kazalca)

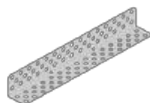
Upogibanje z Flexi



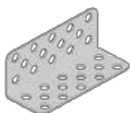
Projekt 1: **Avto**



Kaj boste potrebovali?



7,5"
L-profil
x2



2,5"
L-
profil
x 1



2,5"
Mali Flexi
x1



2,5"
U-nosilec
x1



5,5" os x2



polnila
x4



Zaklep osi
x8



Konektorji s
3 odprtini
x1



Majhno kolo x3



Velik gumijasti trak 1x

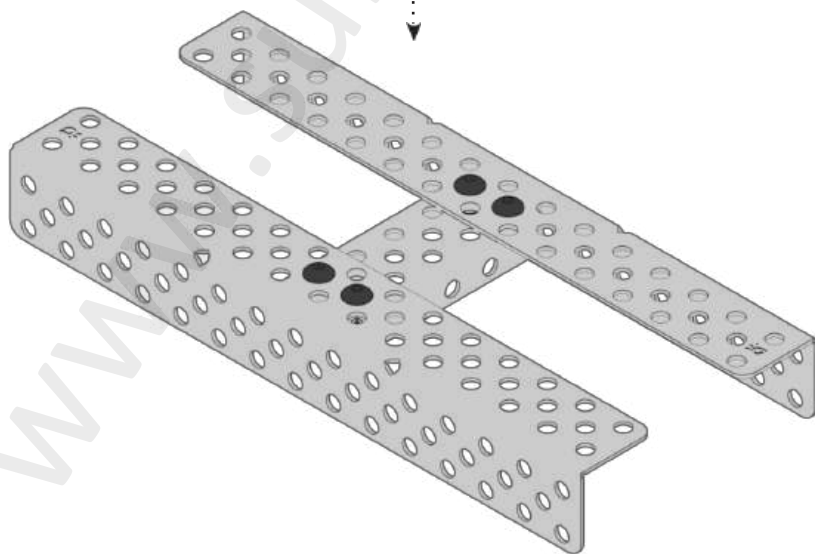
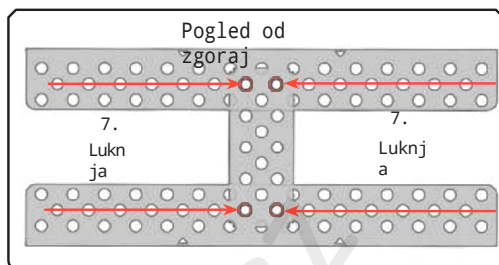
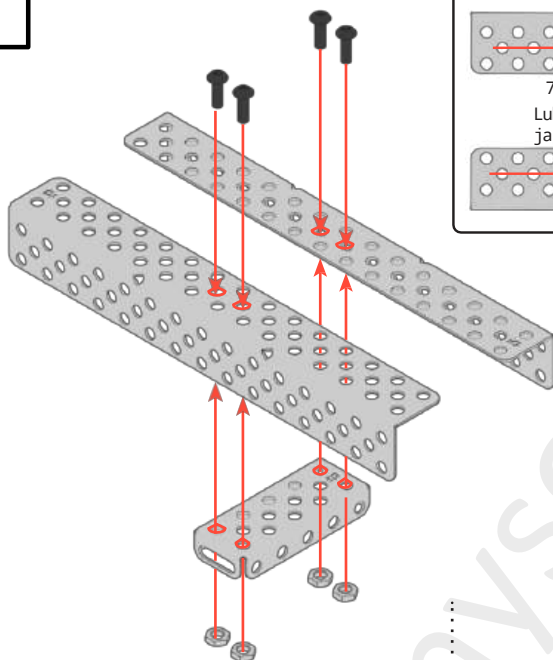


12-milimetrski vijaki
x8

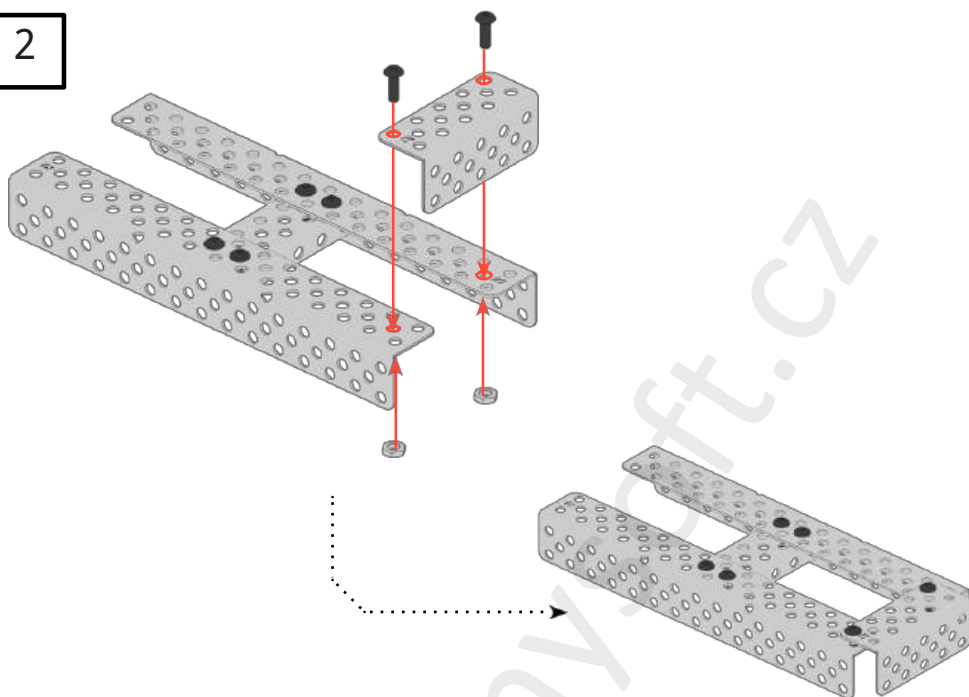


matice x8

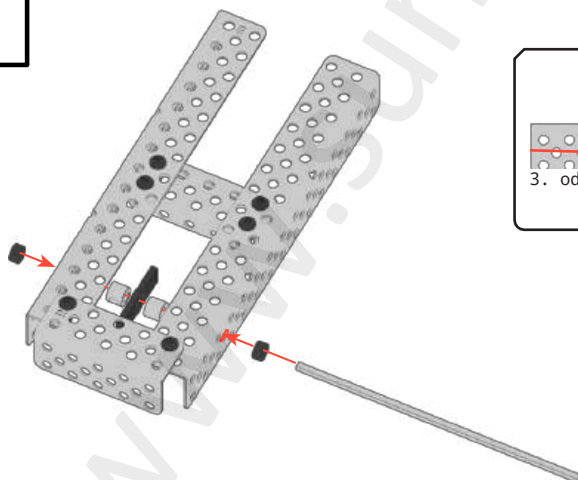
1



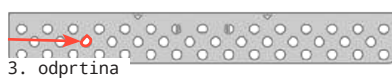
2



3



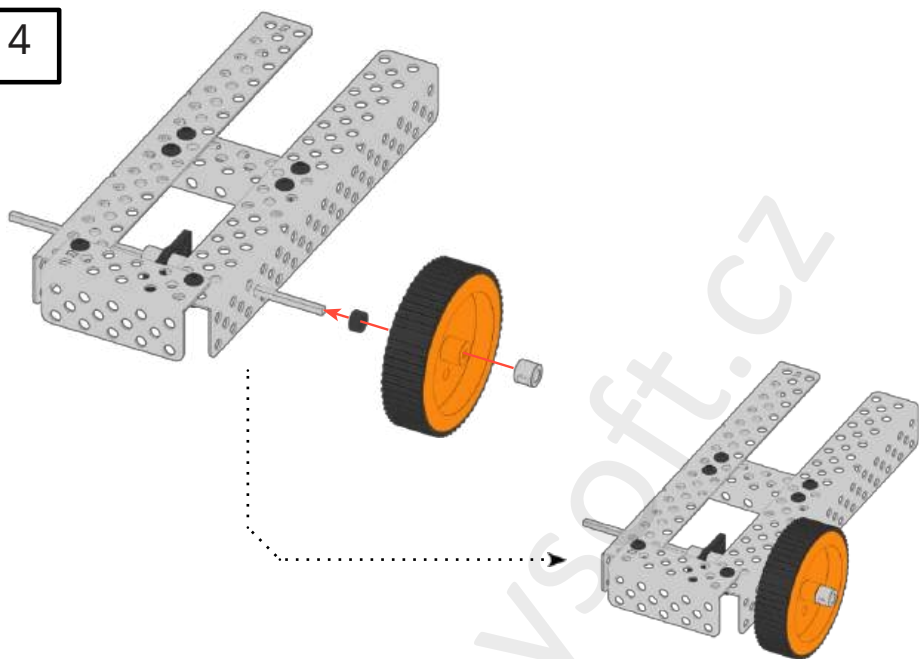
Stranski pogled



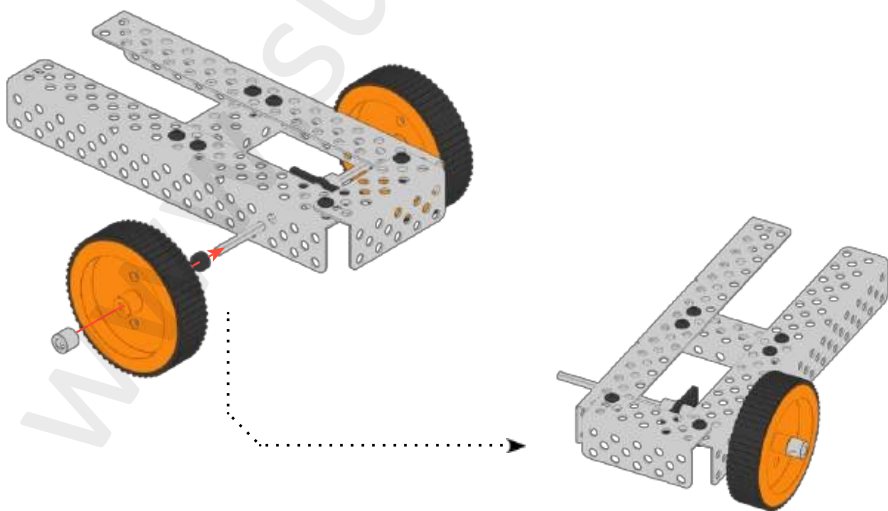
1:1

Os 5,5

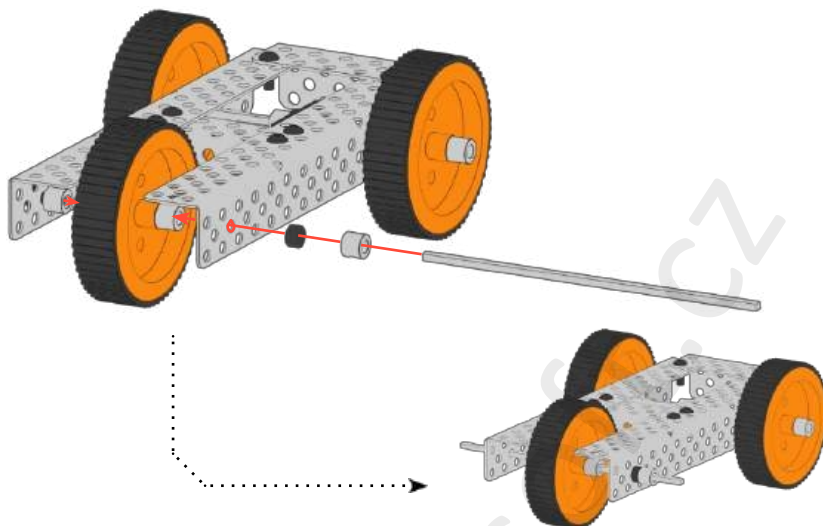
4



5



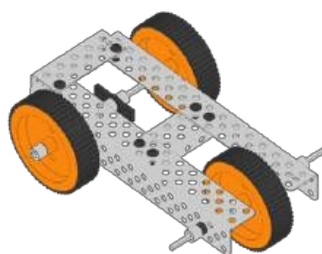
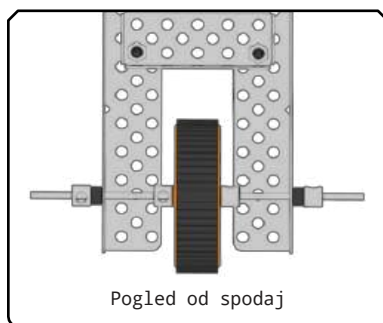
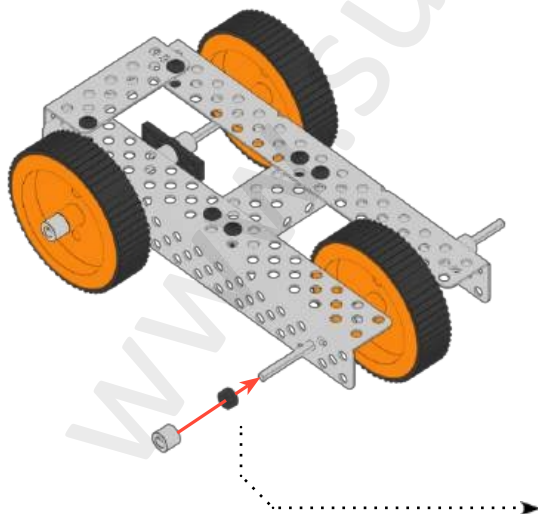
6



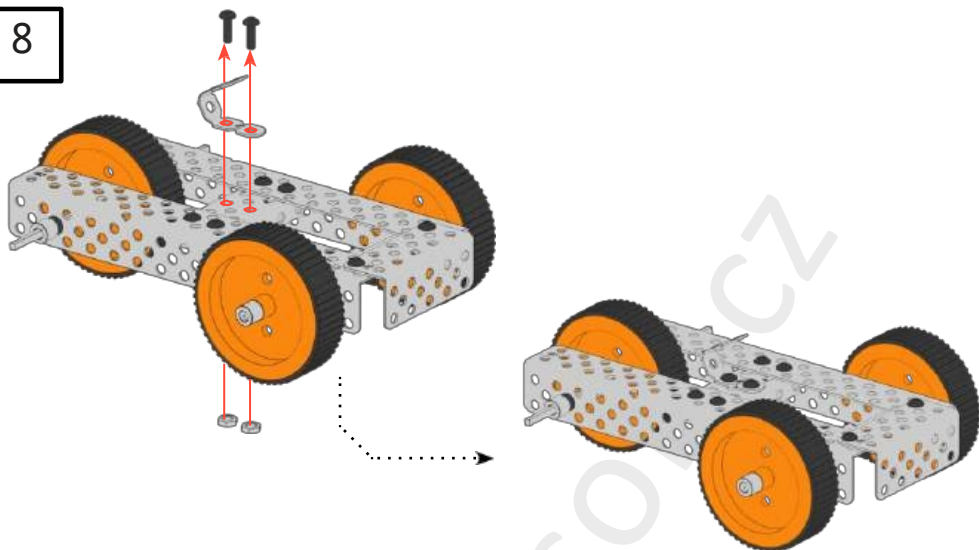
1:1 Prenova 5.5



7



8

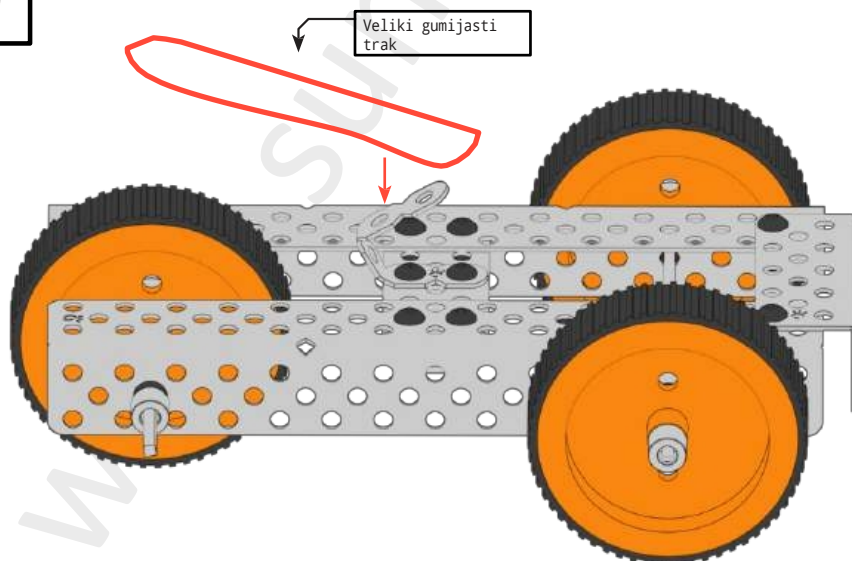


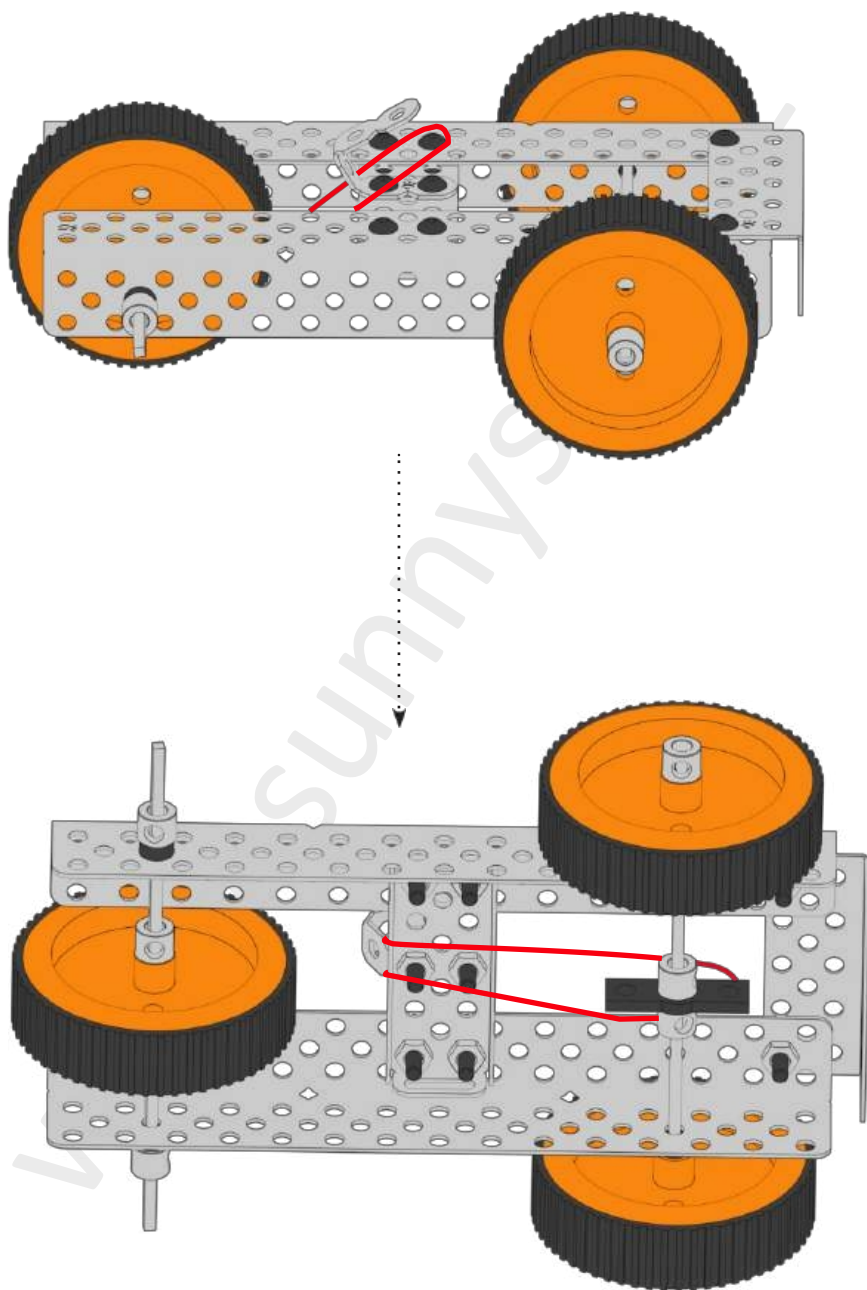
Nasvet za sestavo

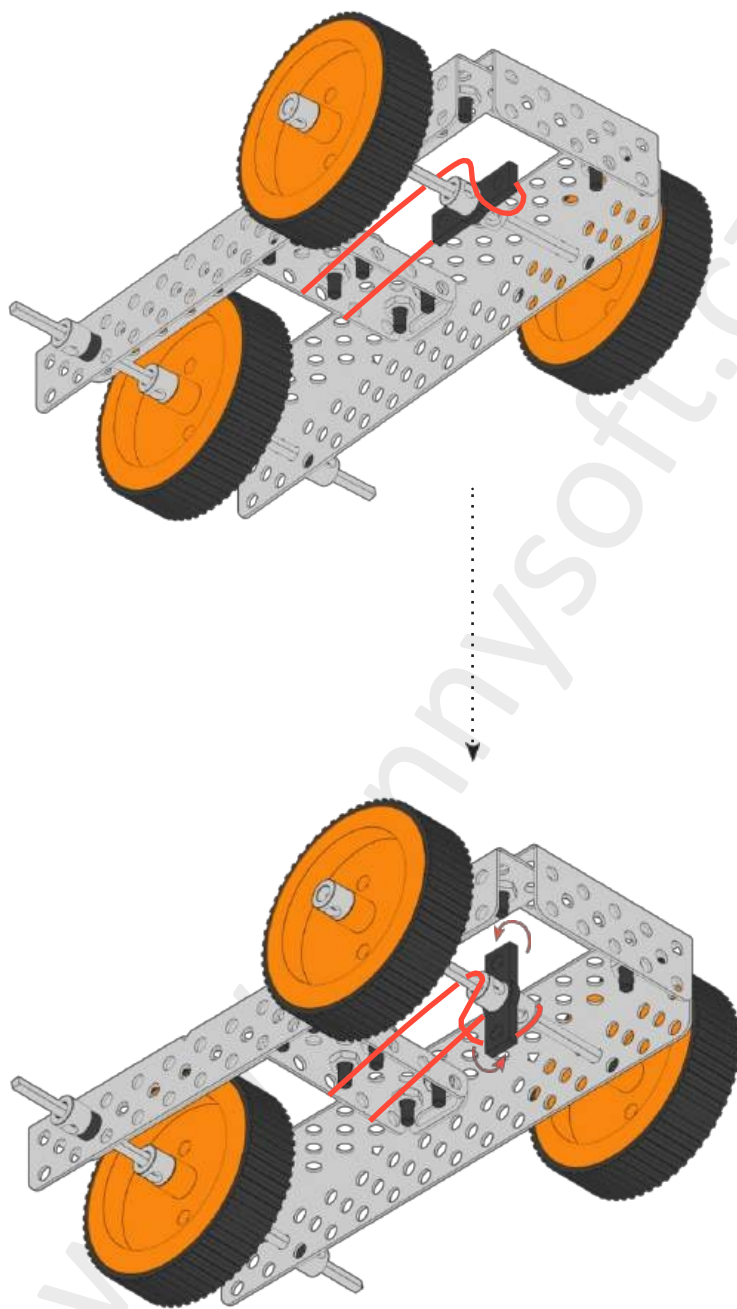
Informacije o upogibanju Flexi najdete v navodilih.



9

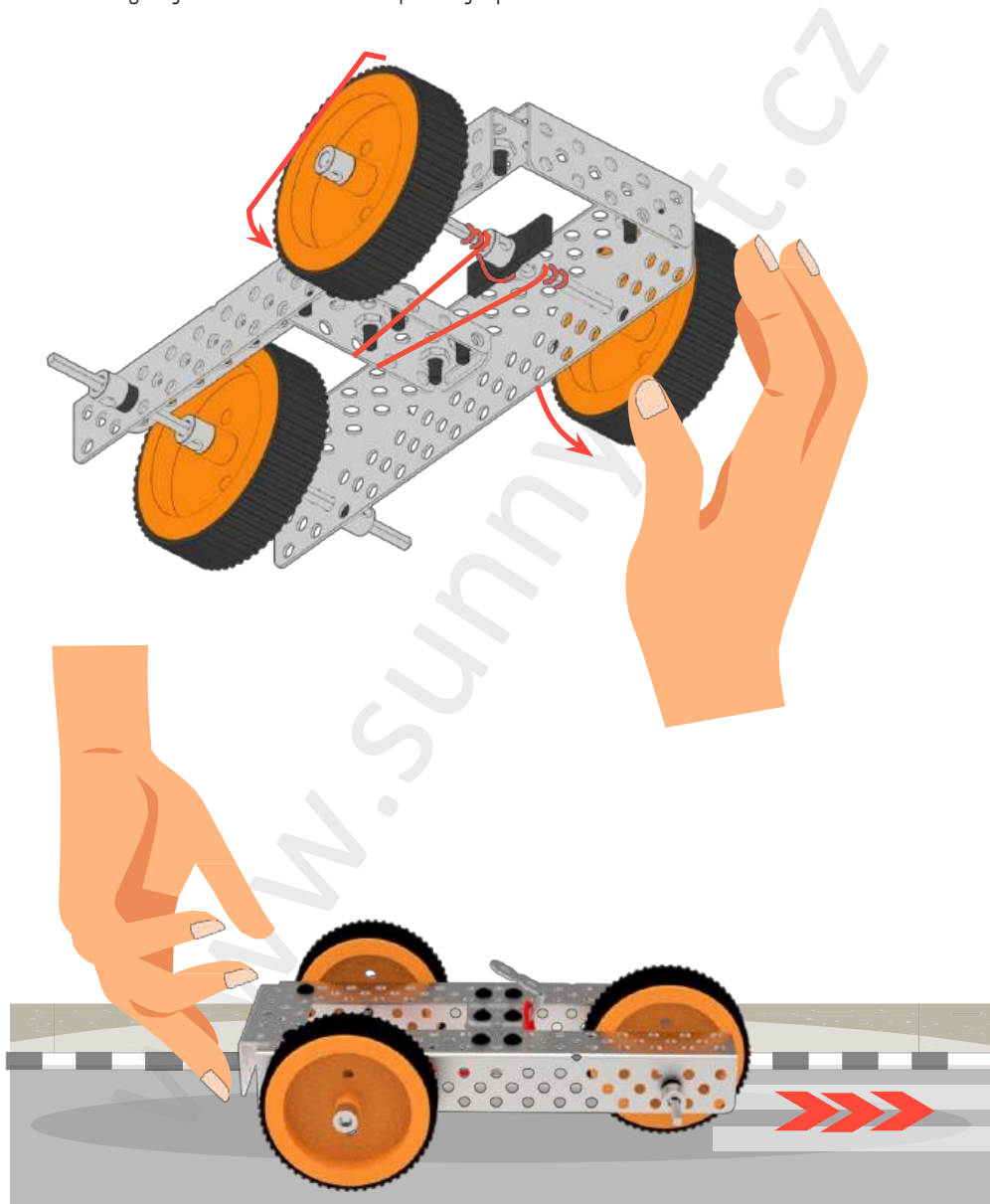




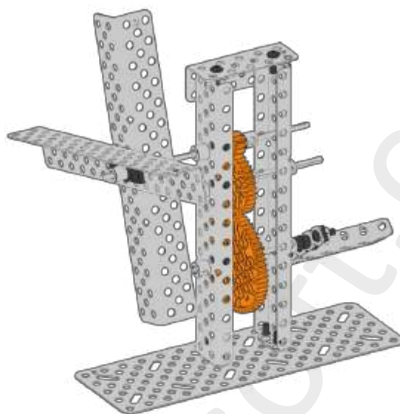


Kako se igrati z avtomobilom

- Z kolesci navijte gumijski pas na zadnjo os.
- Vrtite kolesce v nasprotni smeri urinega kazalca.
- Držite gumijasti trak in os ter podvozje postavite na tla.



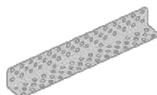
Projekt 2: Ventilator



Kaj boste potrebovali?



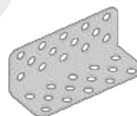
7,5"
Pravokotni
Plošča
x1



7,5"
L-profil
x2



7,5"
U-nosilec
x2



2,5"
L-profil
x1



2,5"
Mali Flexi
x1



2,5"
U-nosilec
x1



vložki
x11



Zaklep osi x10



Konektorji s
3 luknjami x2



5,5"
os x1



3,5"
os x2



Veliko
sprednje
zobato kolo
x1



Srednje čelno
zobno kolo x1



Majhno
čelno
zobato kolo
x1

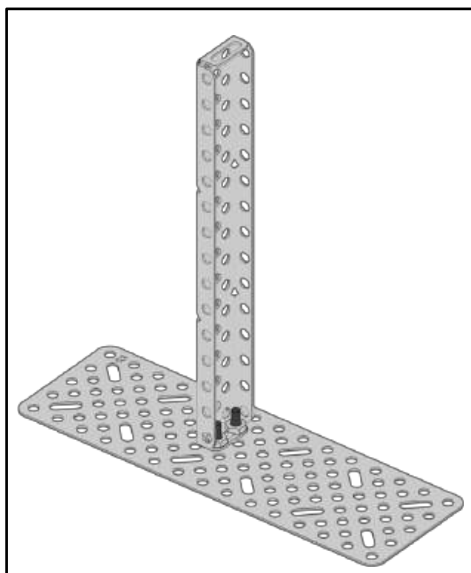
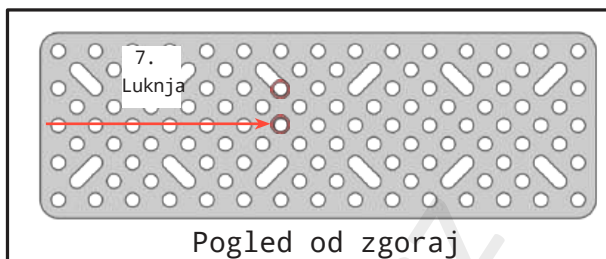
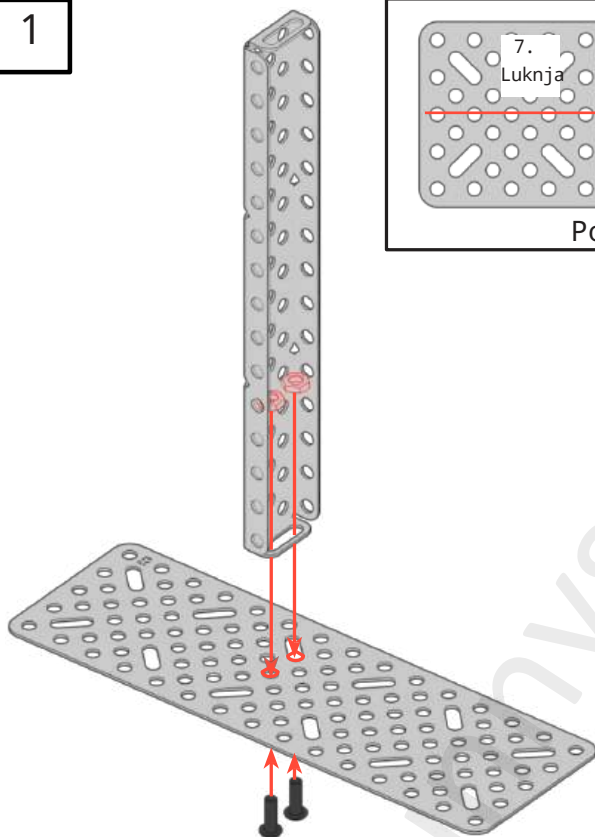


12 mm vijaki
x14

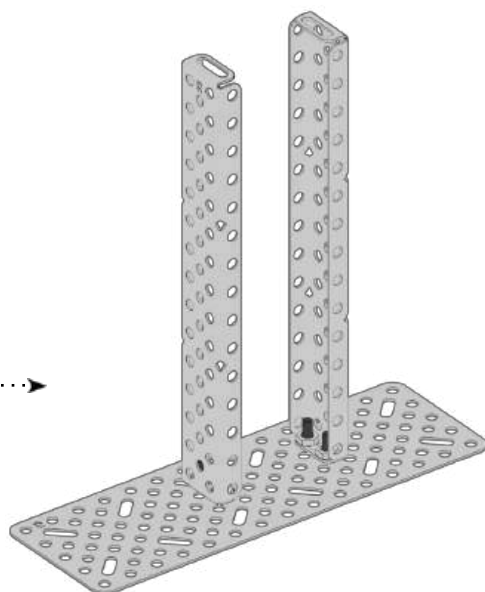
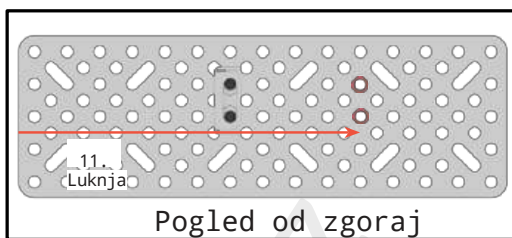
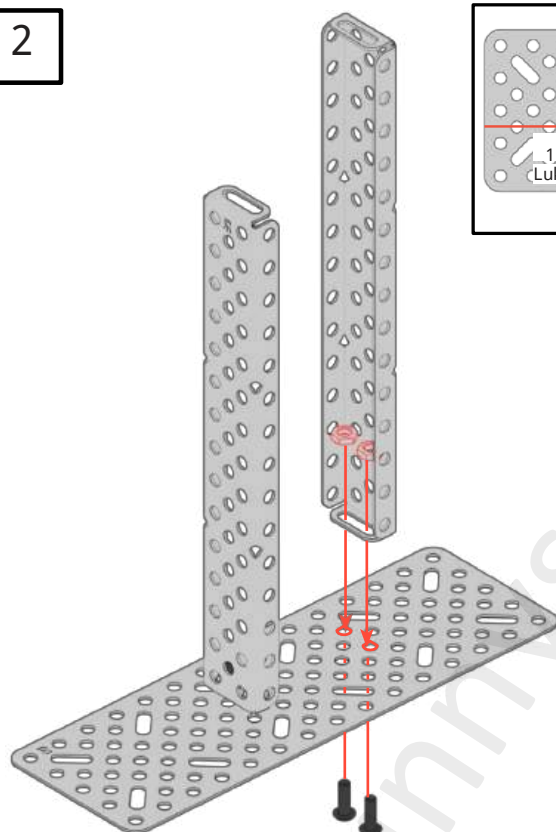


matice
x14

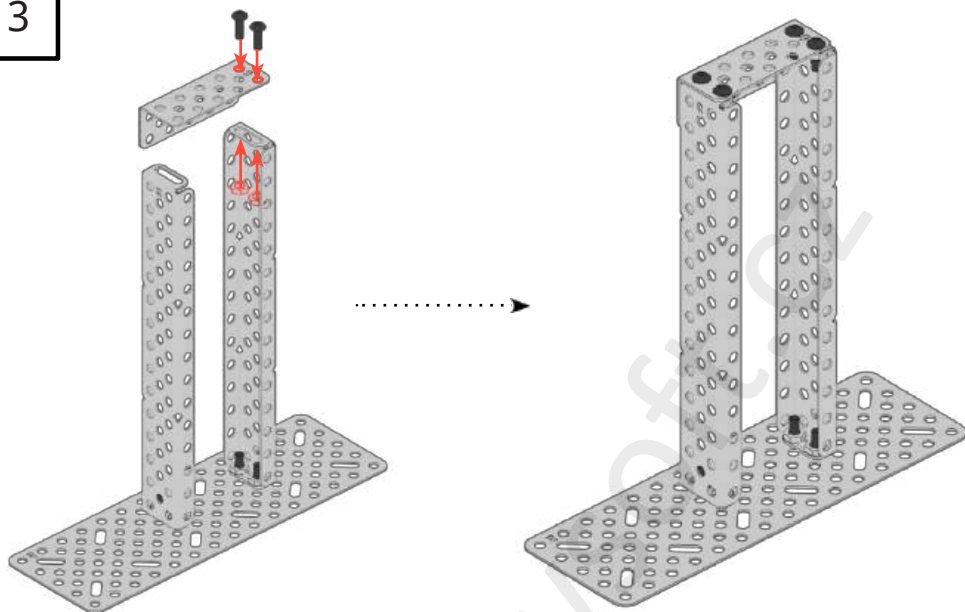
1



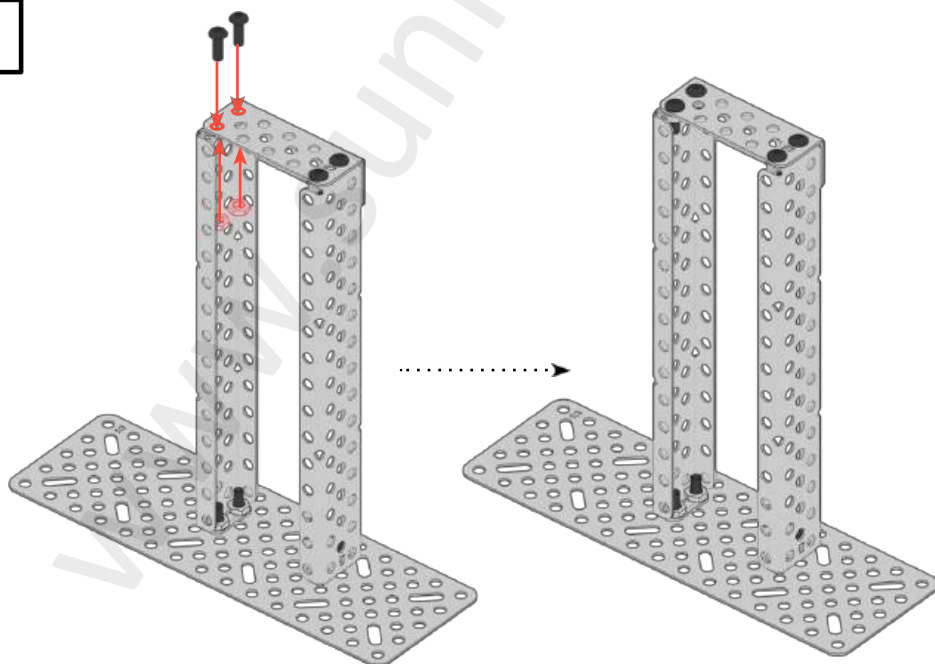
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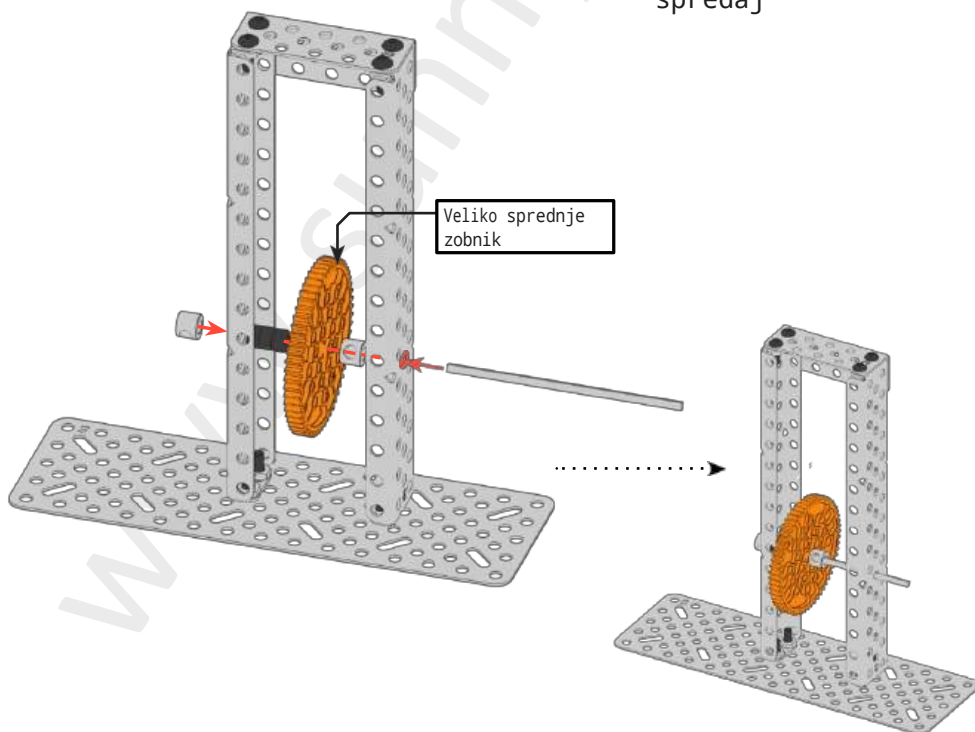
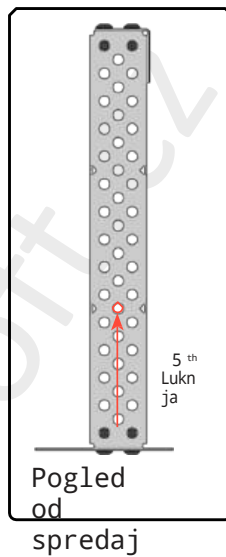
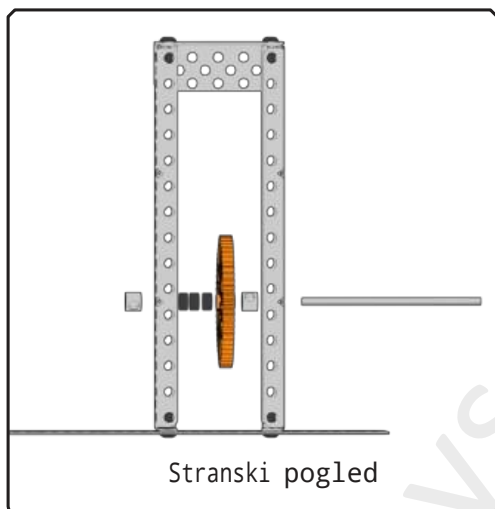


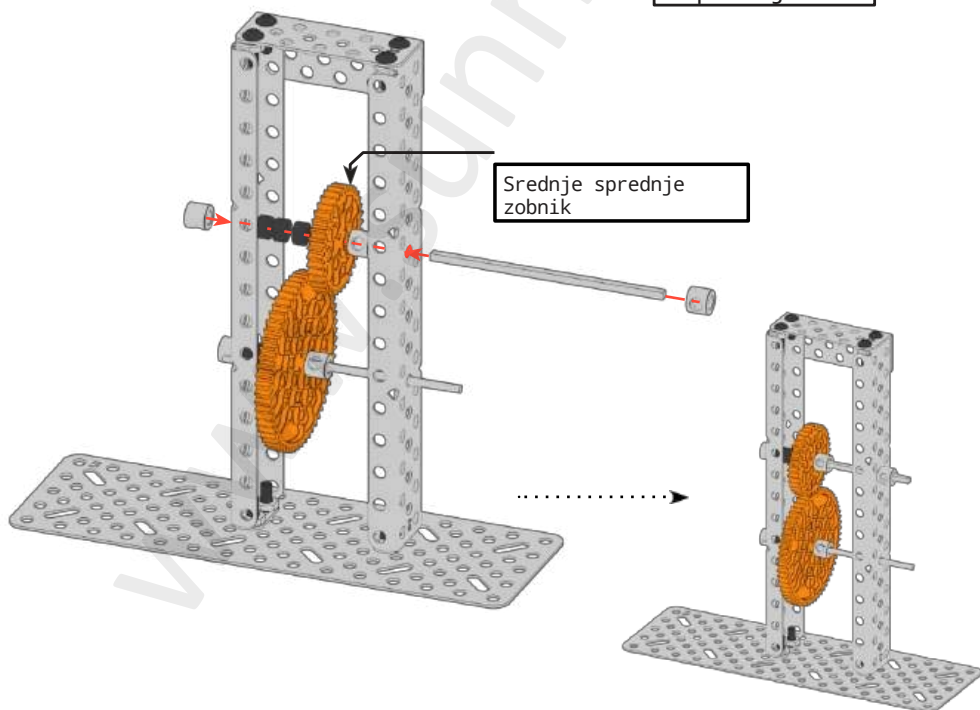
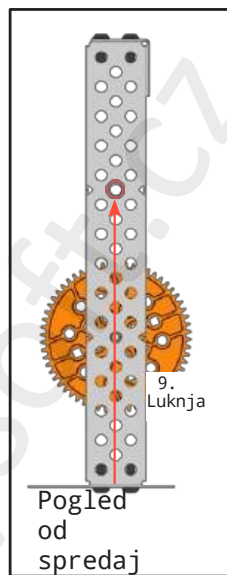
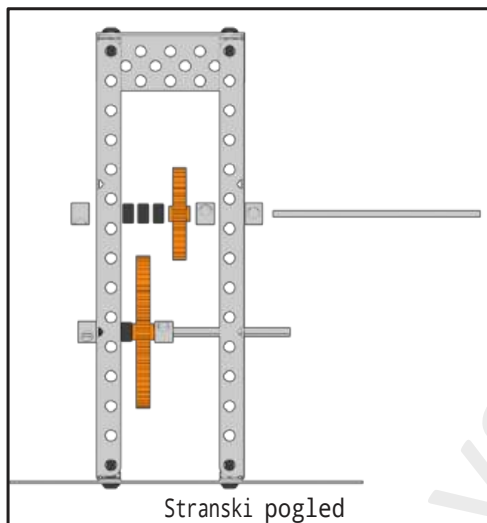
3



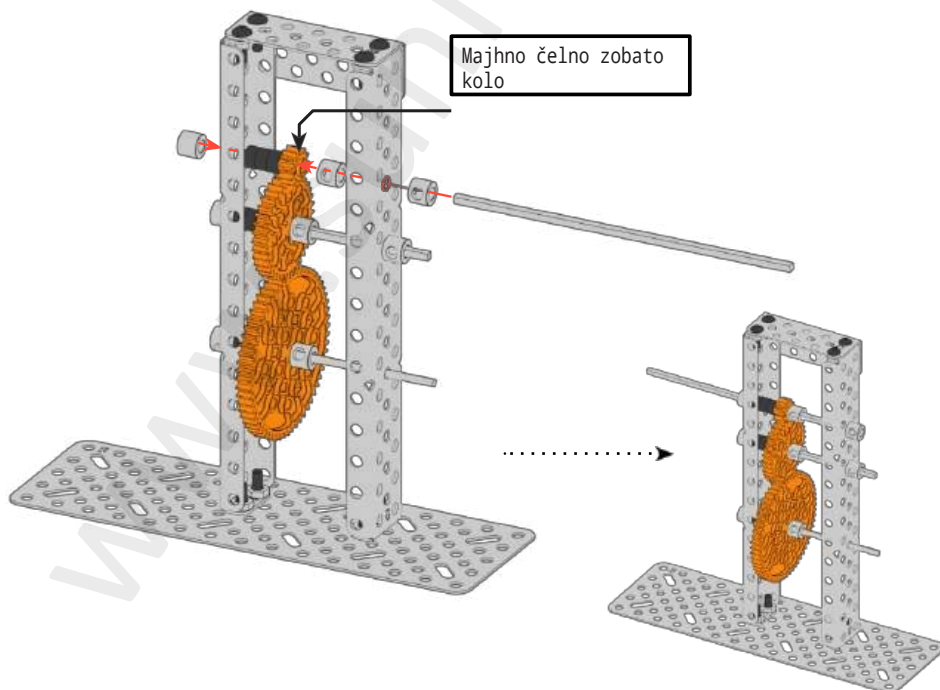
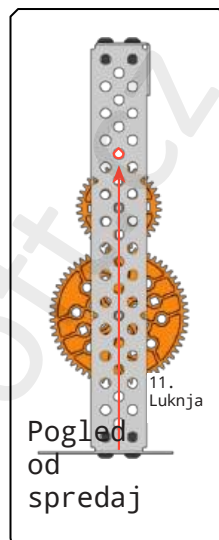
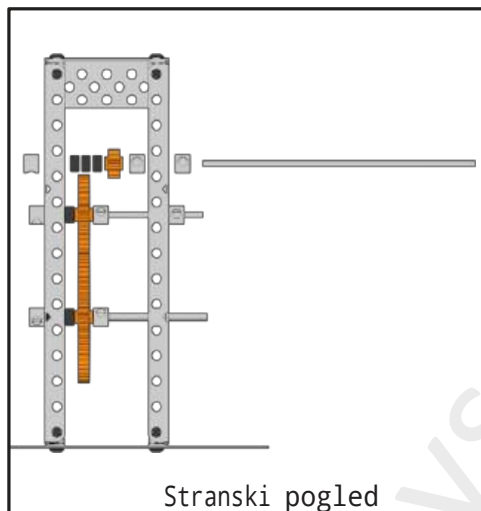
4

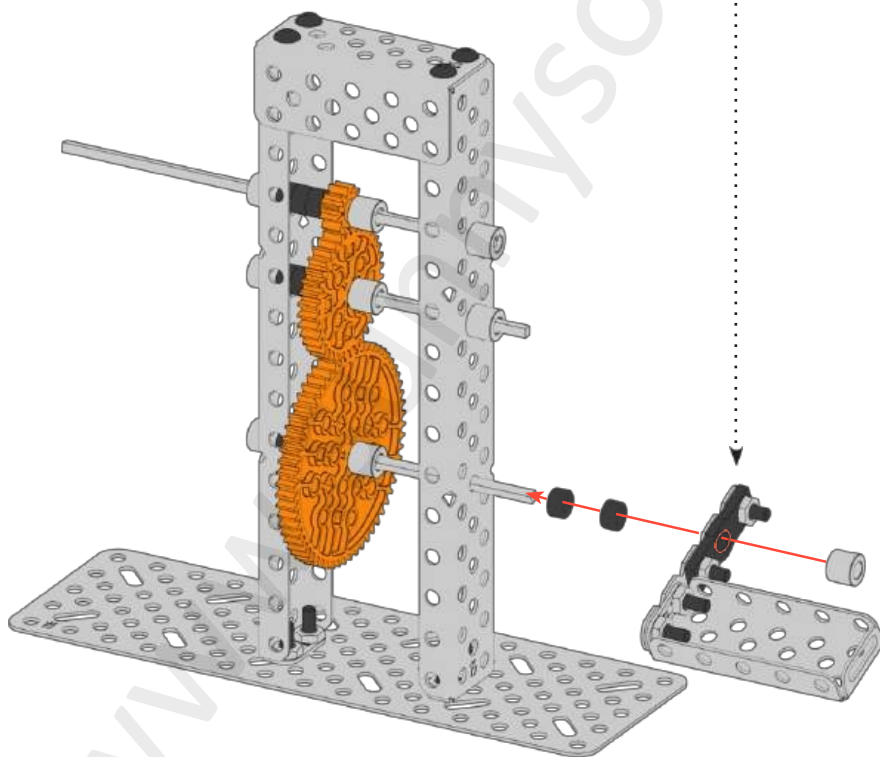
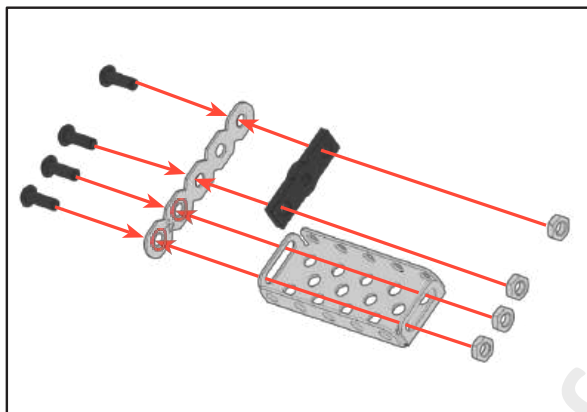




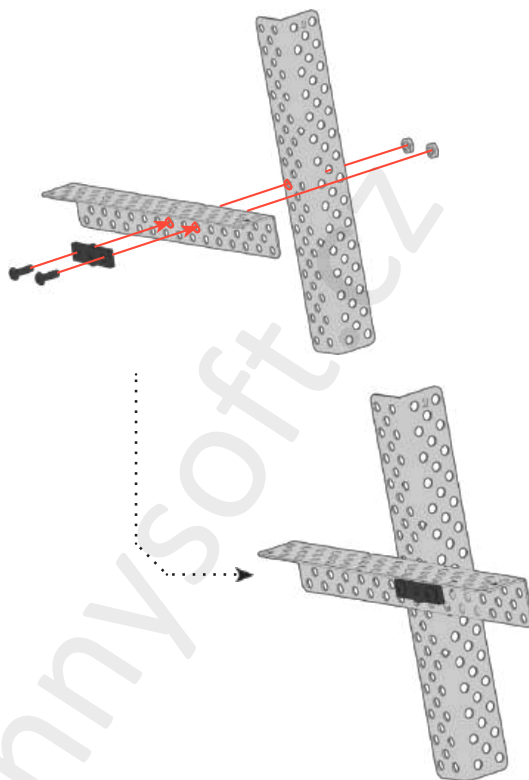
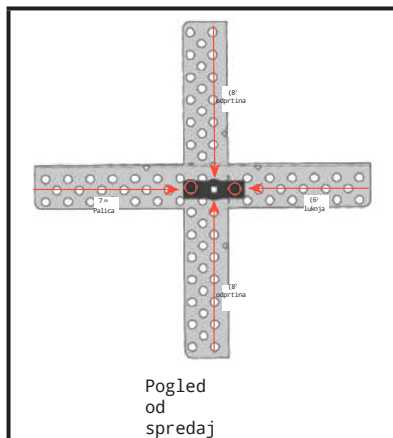


7

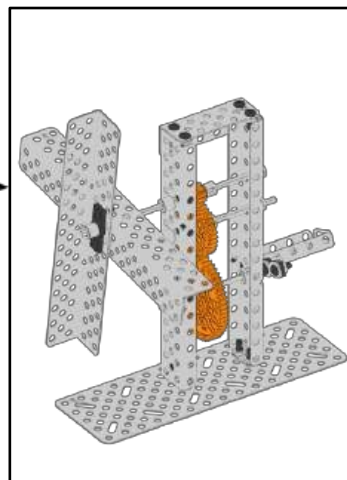
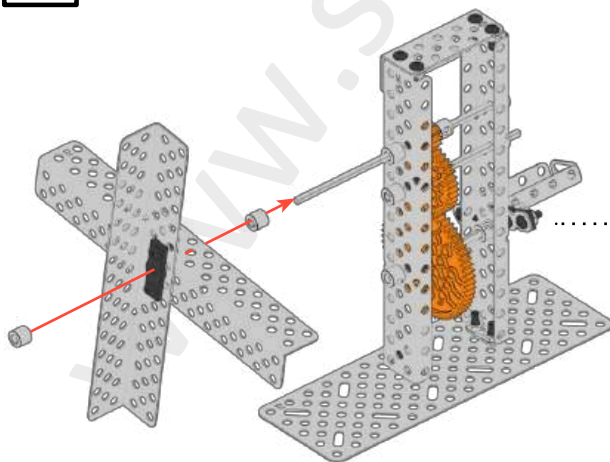




9

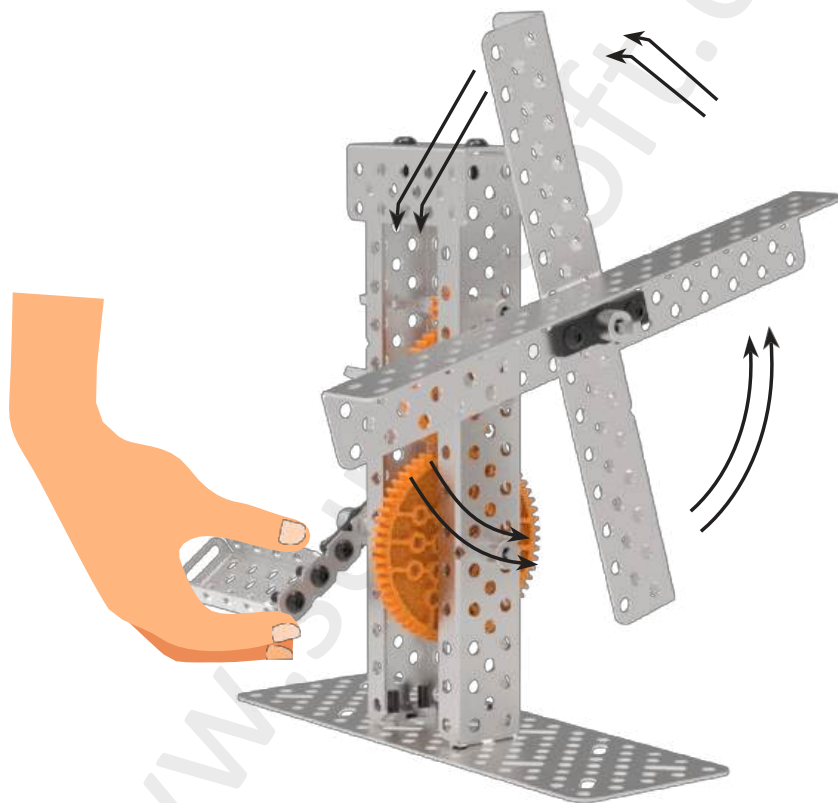


10

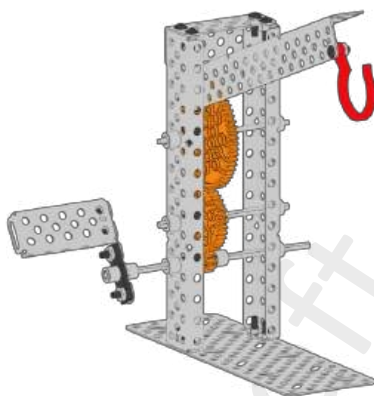


Kako se igrati z ventilatorjem

- Z ročajem/ročico vrtite ventilator.



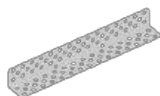
Projekt 3: Žerjav



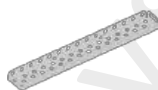
Kaj boste potrebovali



7,5"
Pravokotna plošča x1



7,5"
L-profil x1



7,5"
U-nosilec
x2



2,5"
L-kanal x1



2,5"
Mali Flexi x1



2,5"
U-nosilec
x1



5,5" os x1



3,5"
os x2



Konektorji s
3 odprtini
x1



Veliko sprednje
zobnik x1



Srednje
sprednje zobato
kolo x1



Majhno čelno
zobnik x1



Zaklep osi x11



vložki
x9



Matice
x15

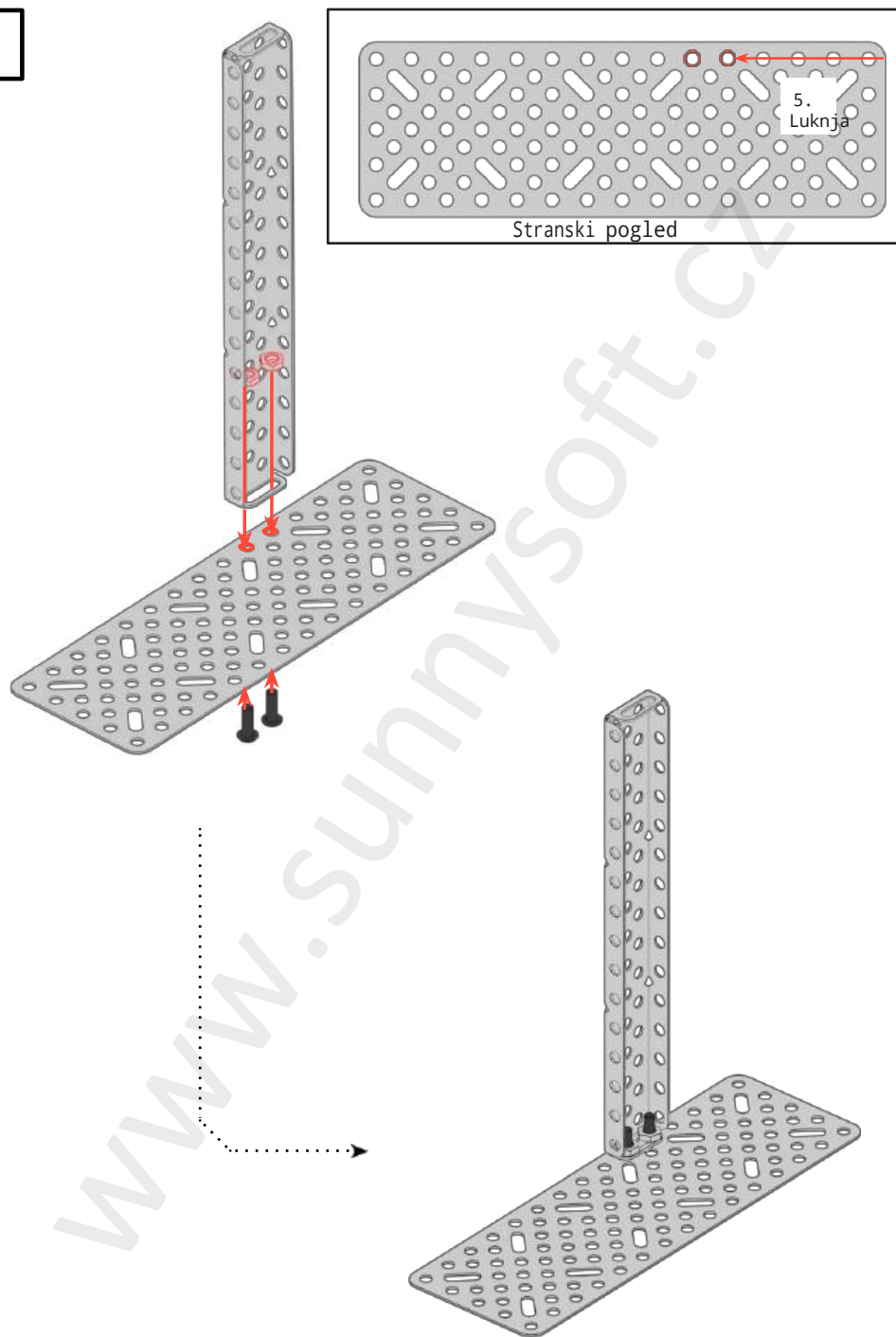


12 mm vijaki
x15

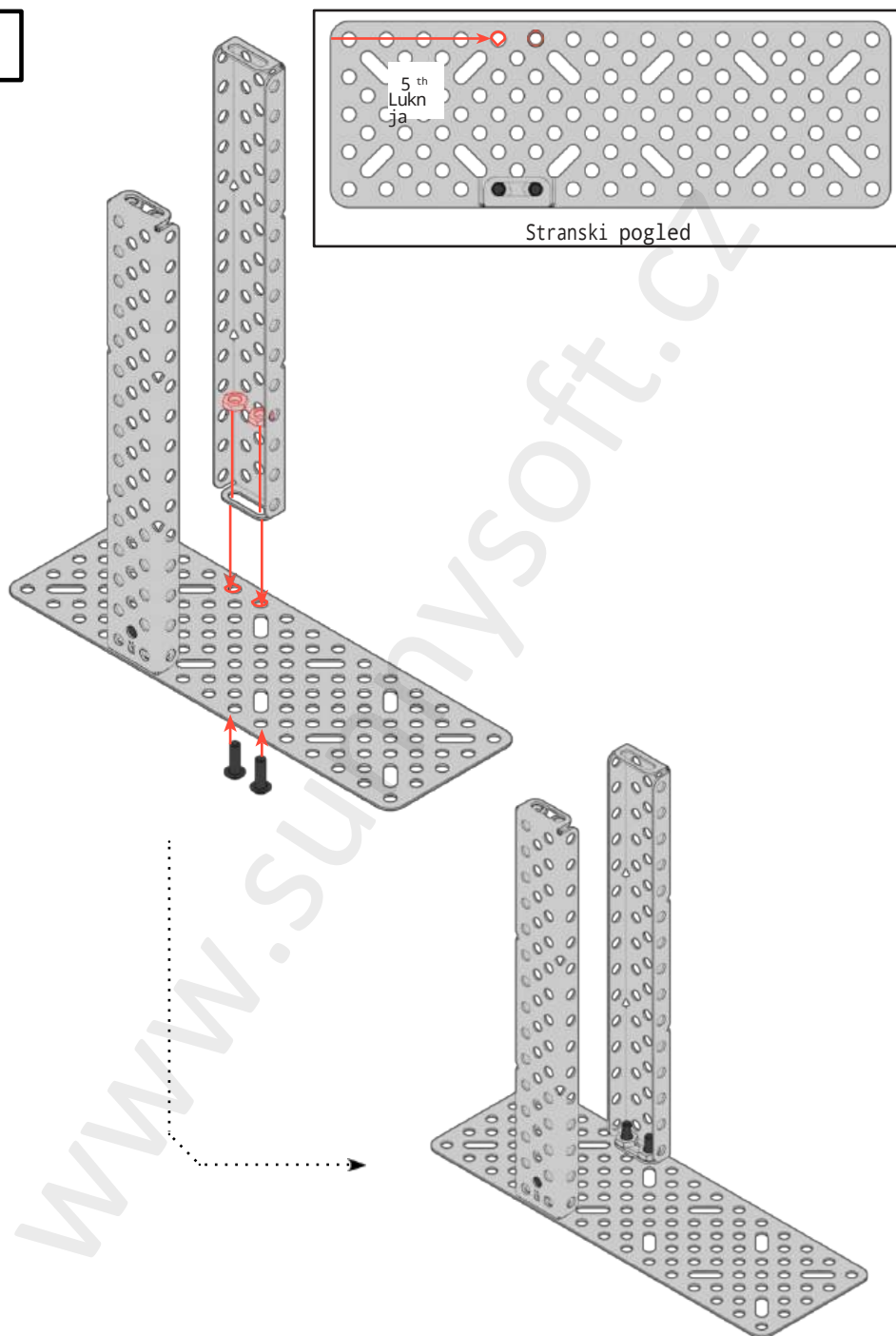


Plastični kavč
x1

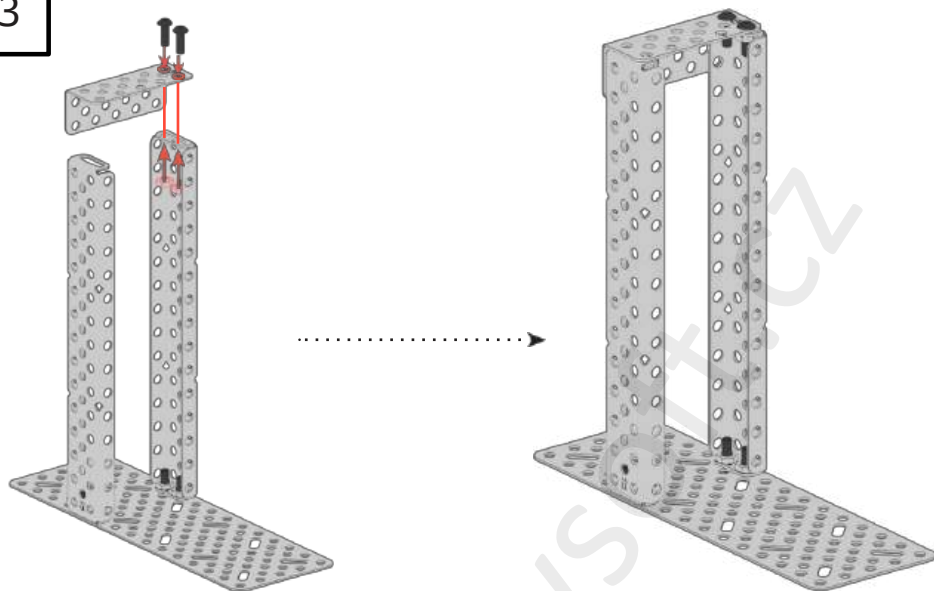
1



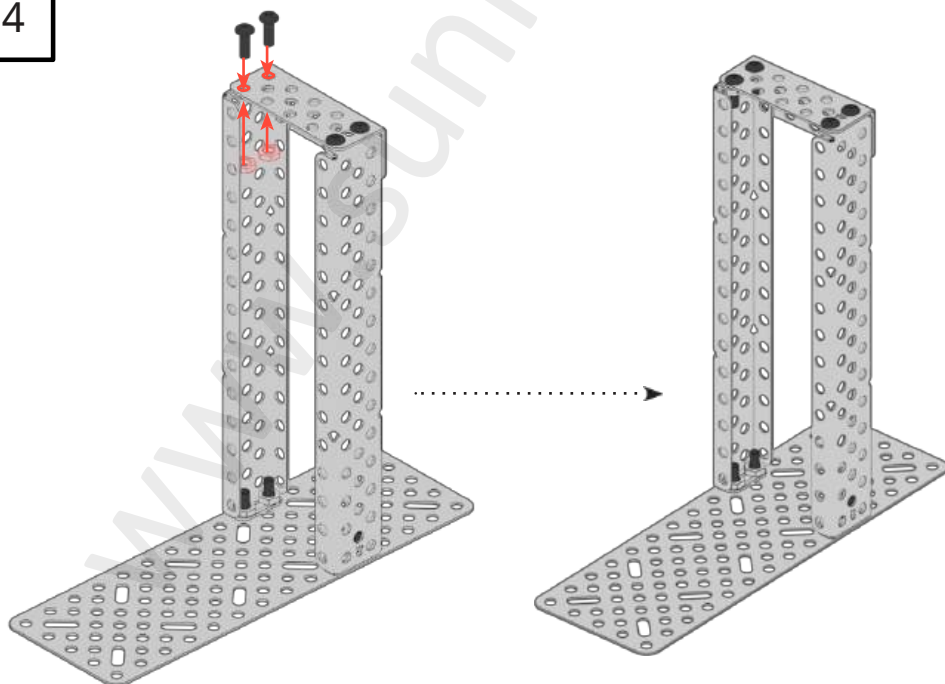
2



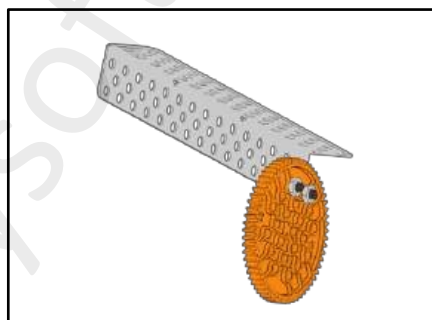
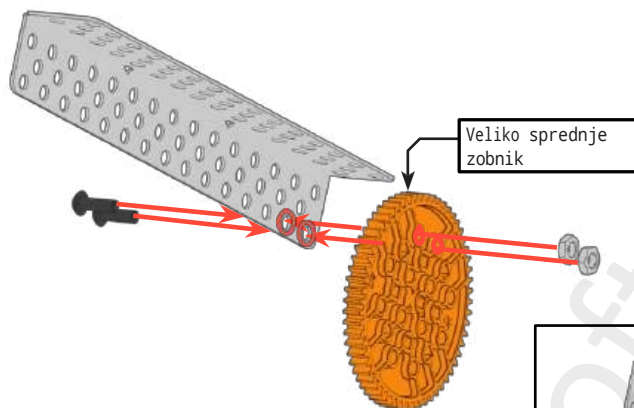
3



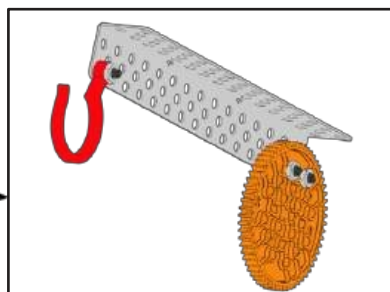
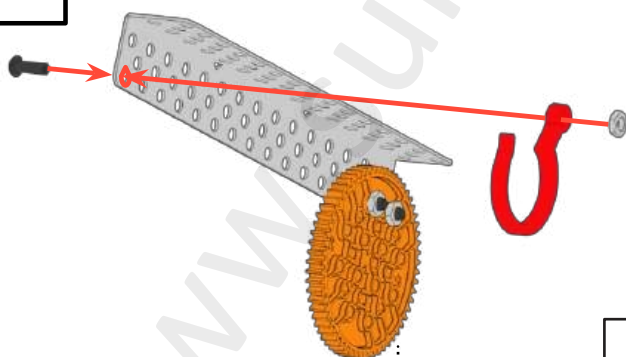
4

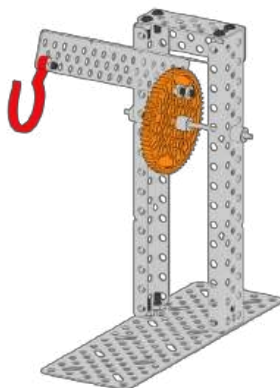
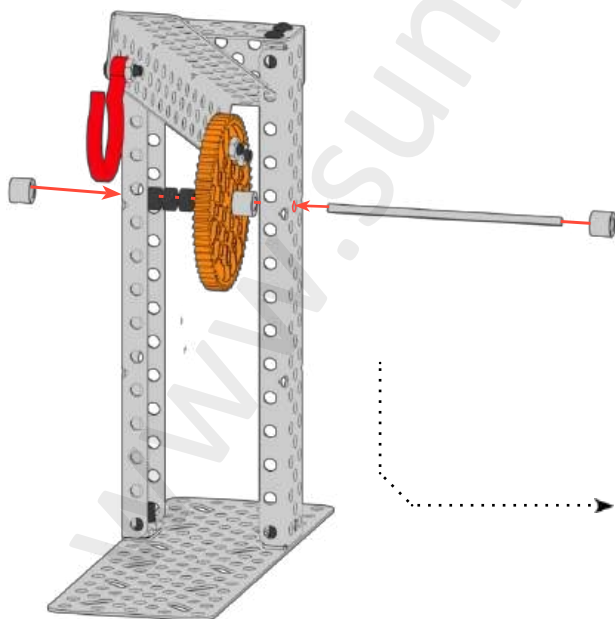
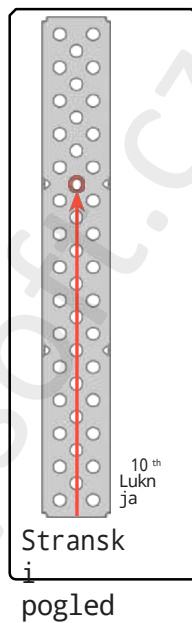
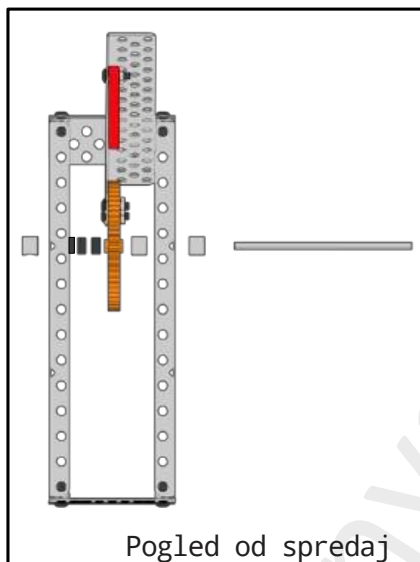


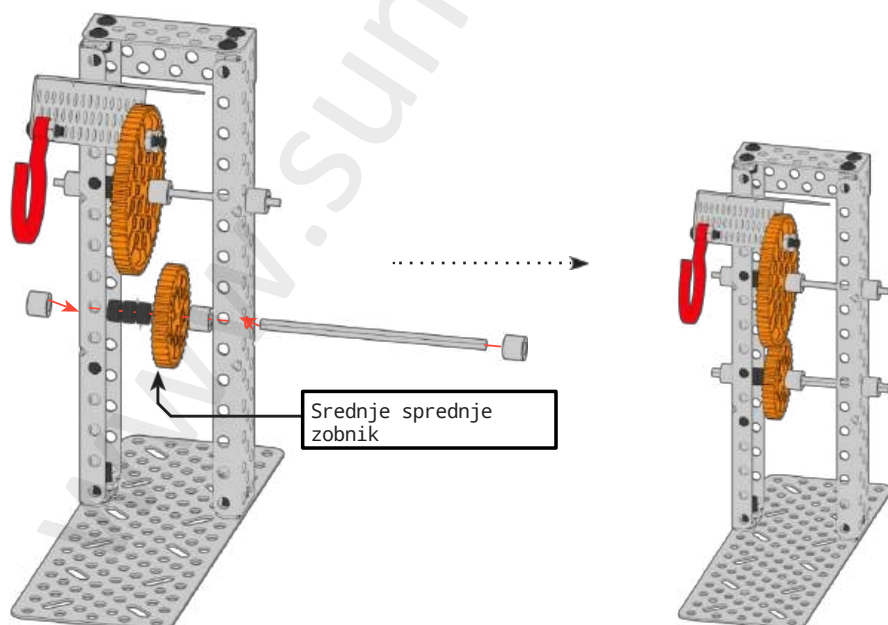
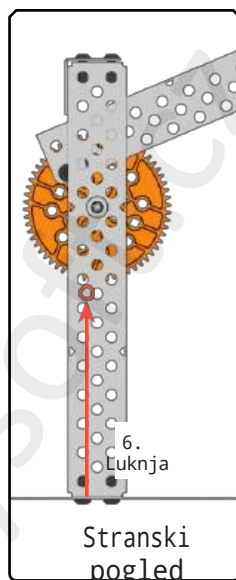
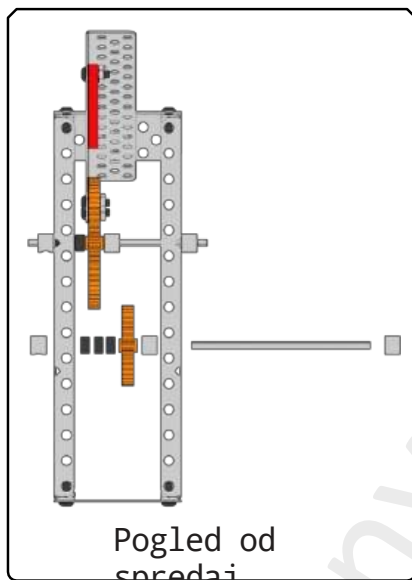
5



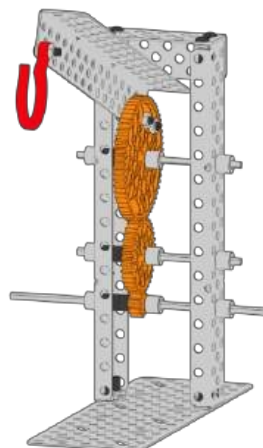
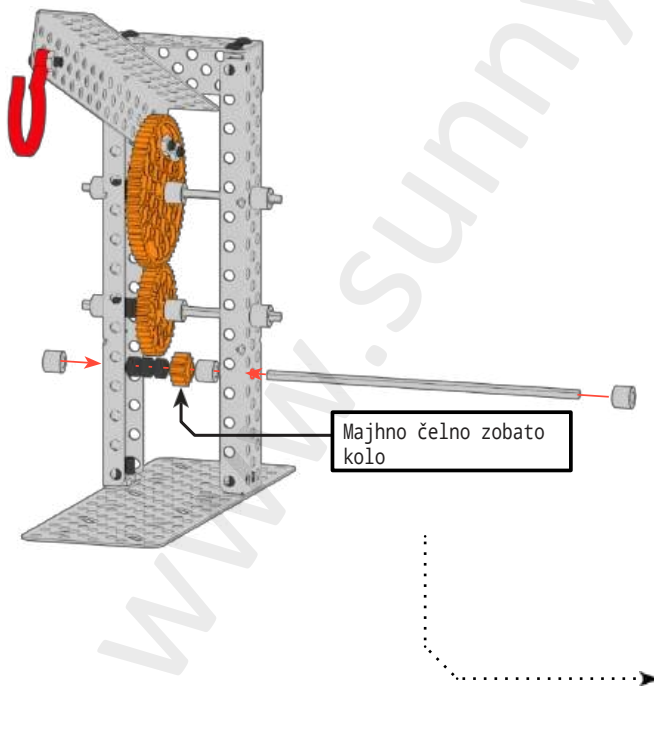
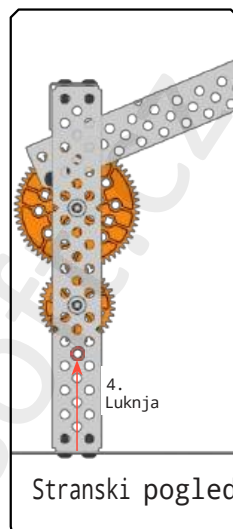
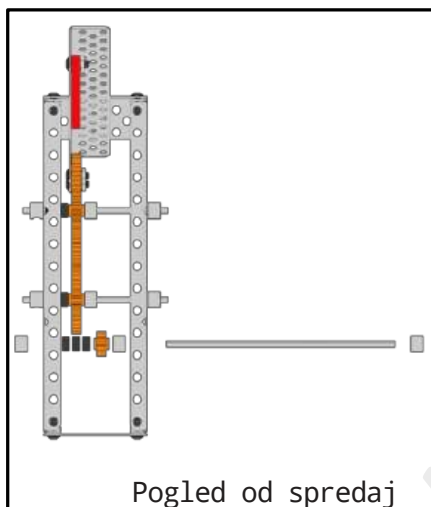
6

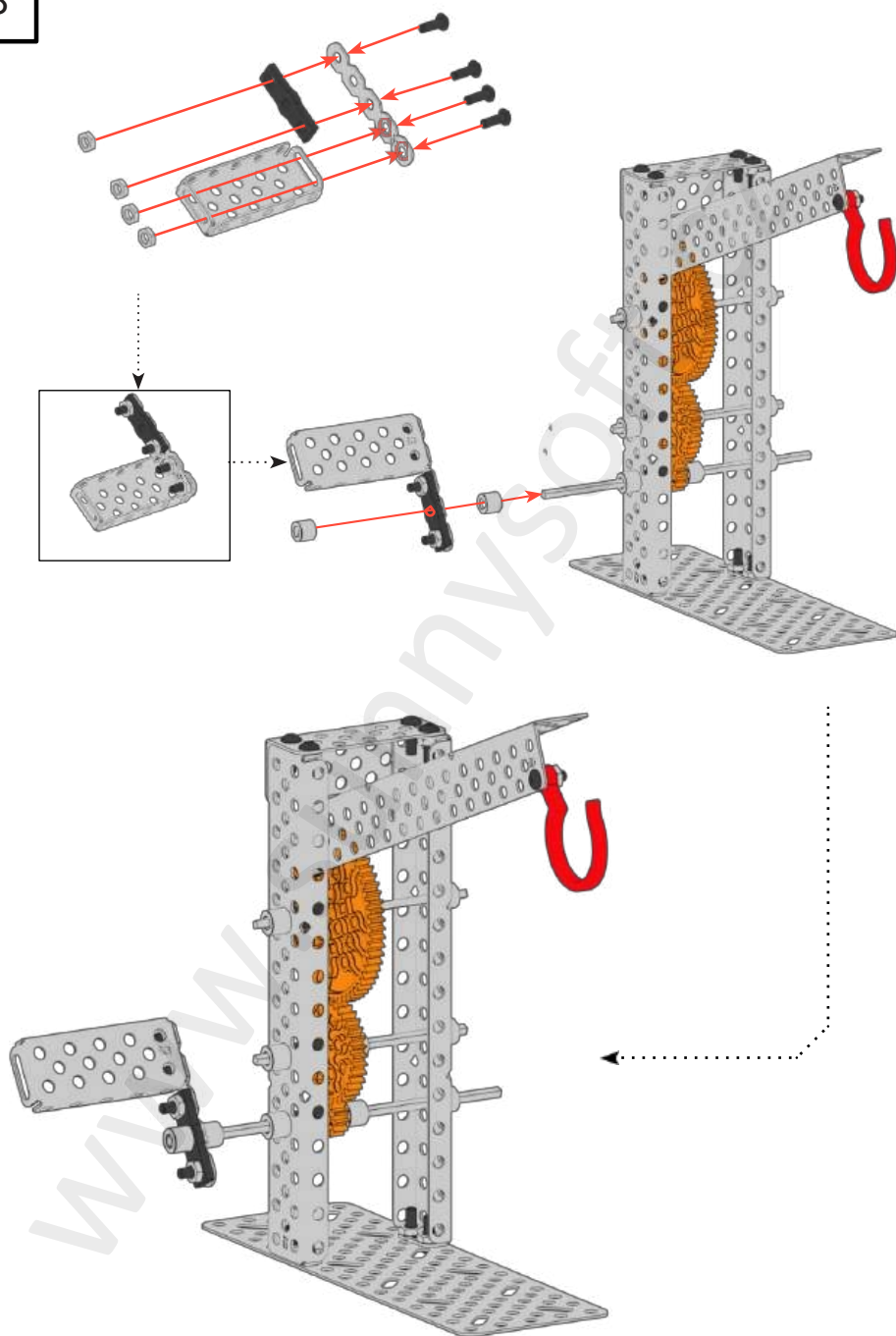






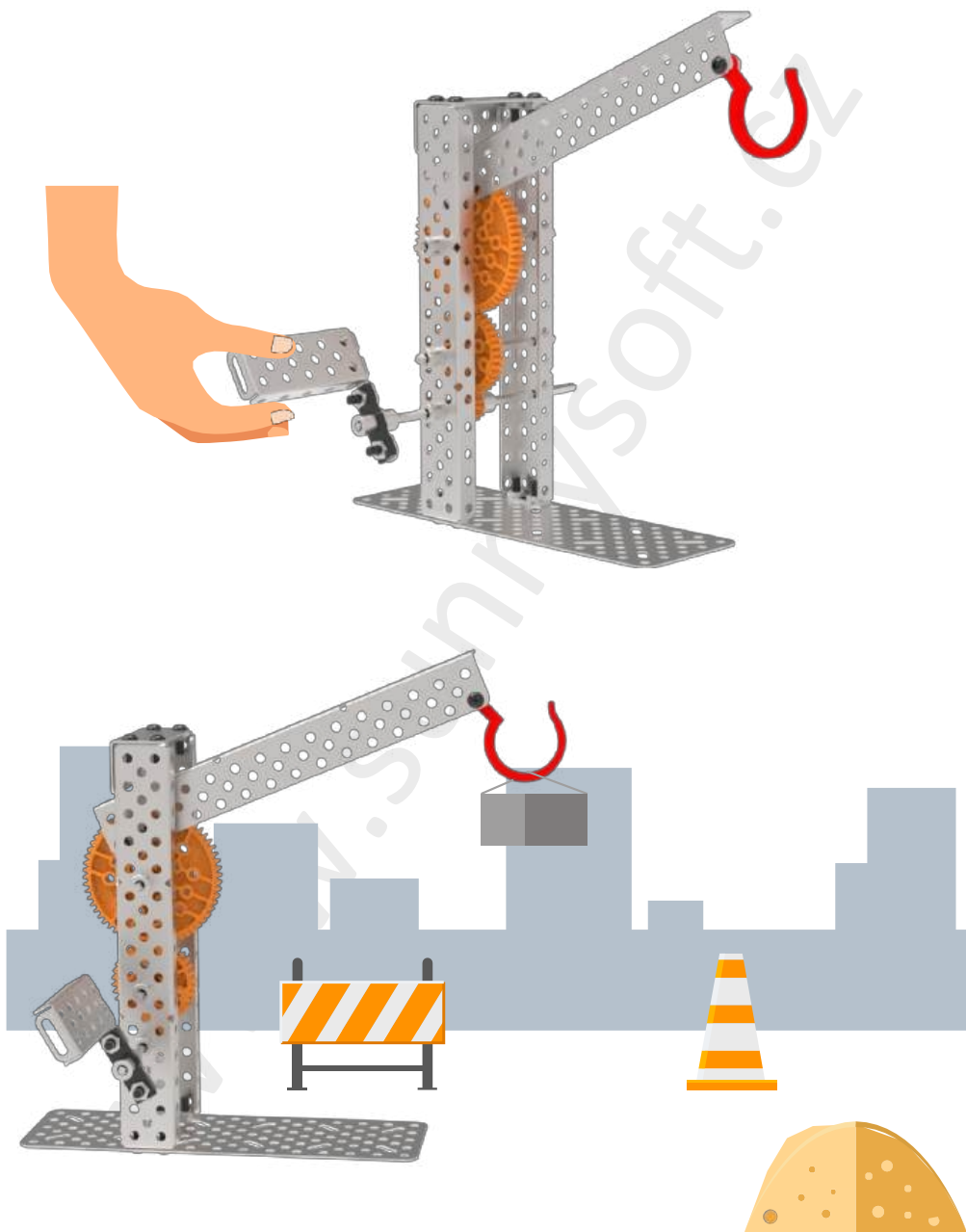
9



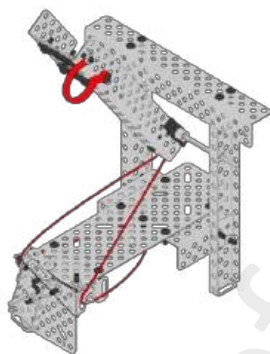


Kako se igrati z žerjavom

- Z vrtenjem ročice/ročaja dvignite predmet in žerjav.



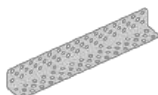
Projekt 4: Katapult



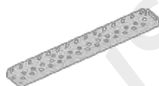
Kaj boste potrebovali?



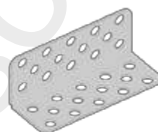
7,5"
Pravokotni
plošča
x1



7,5"
L-kanal
x2



7,5"
U-nosilec
x2



2,5"
L-kanal
x3



2,5"
Flexi
x1



2,5"
U-nosilec
x3



Polnila x1



Zaklep osi x9



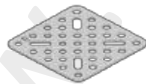
Konektorji s
3 odprtini
x5



5,5"
os x1



3,5" os x2



2,5"
L-kanal x1



12 mm vijaki
x31



malice
x31



Plastični kavljiček
x1

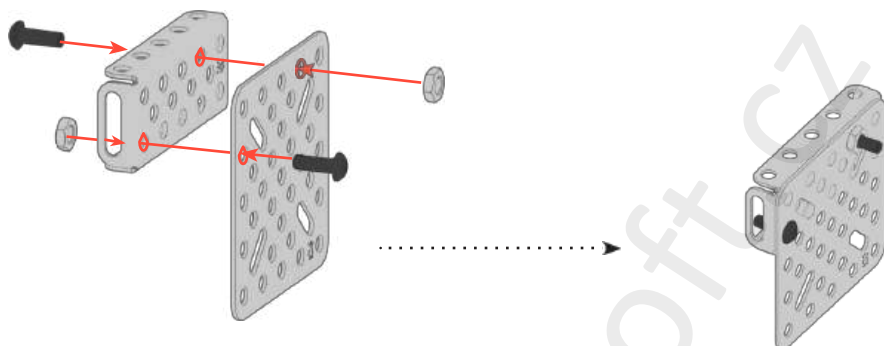


Velika gumijasta
traka
x1

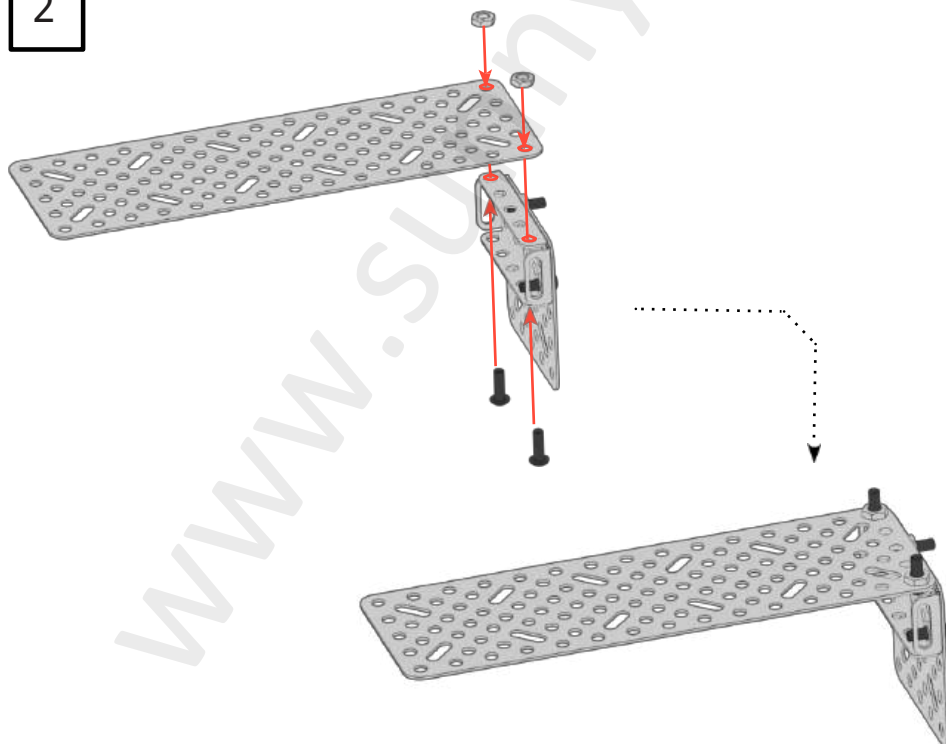


Majhen gumijasti
trak
x1

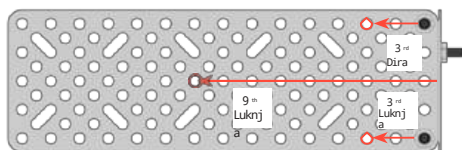
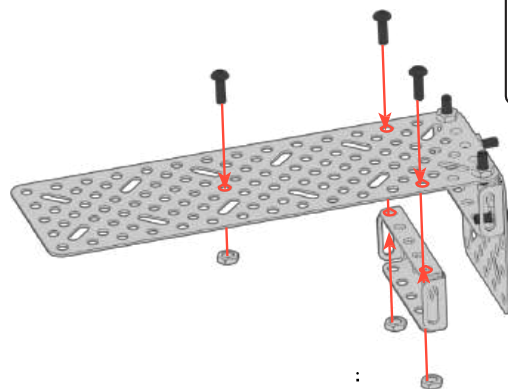
1



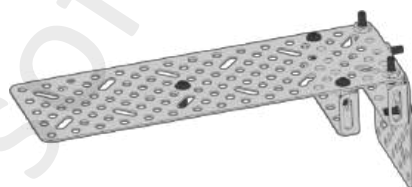
2



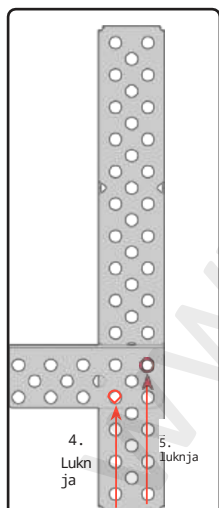
3



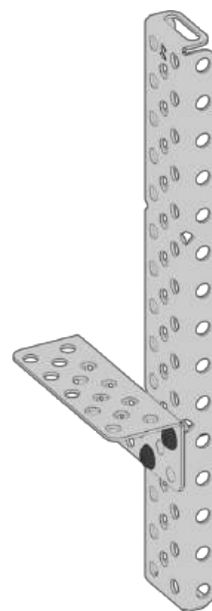
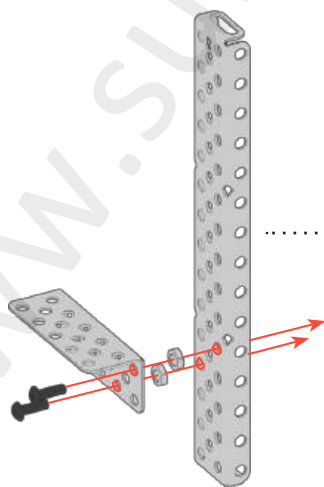
Pogled
od
zgoraj

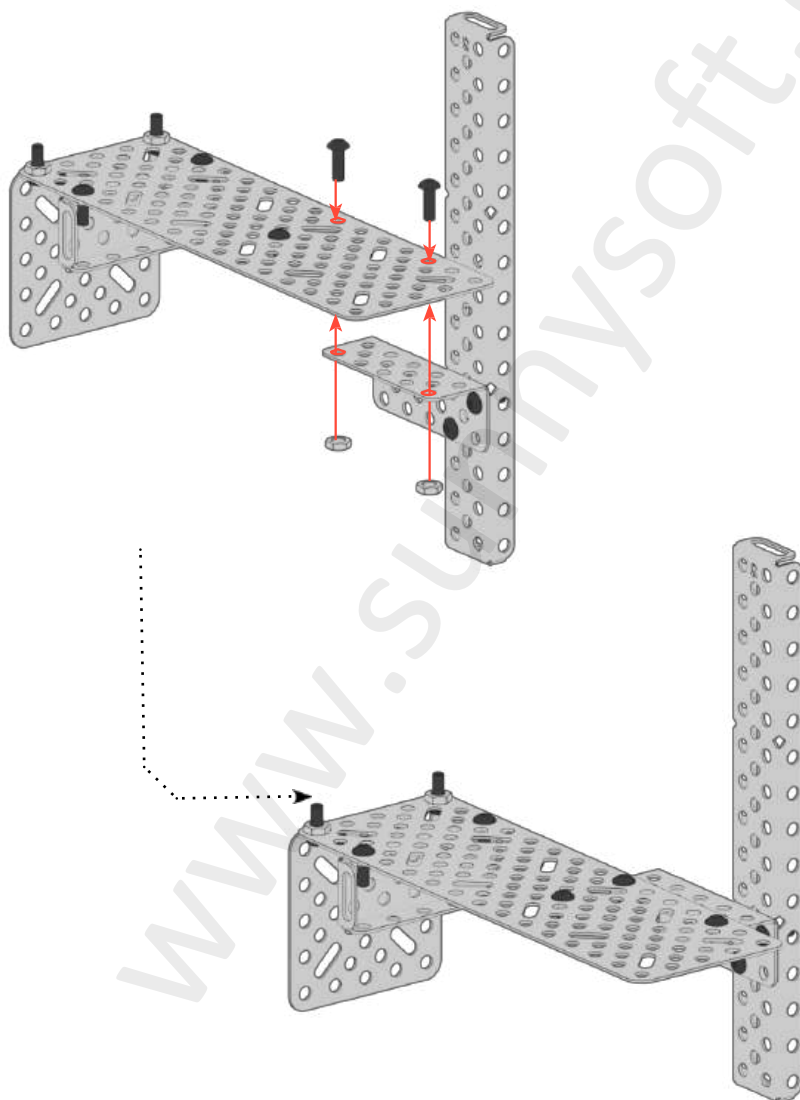
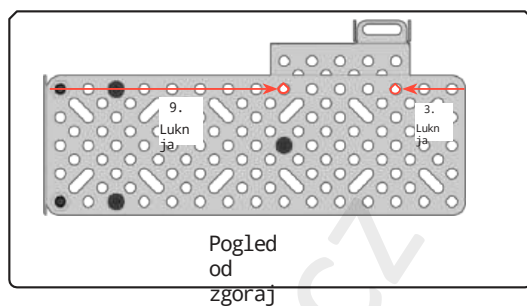


4



Stranski
pogled

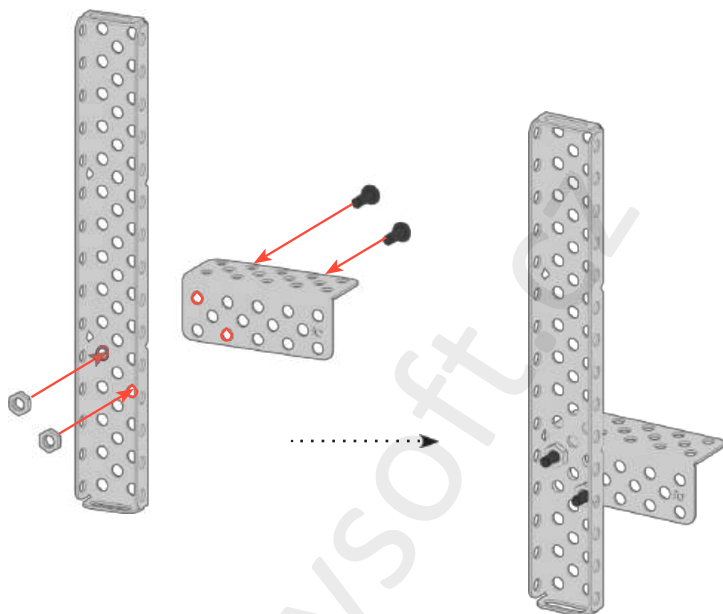




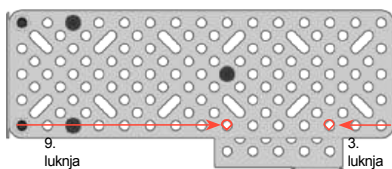
6

5. Luknja
4. odprtina

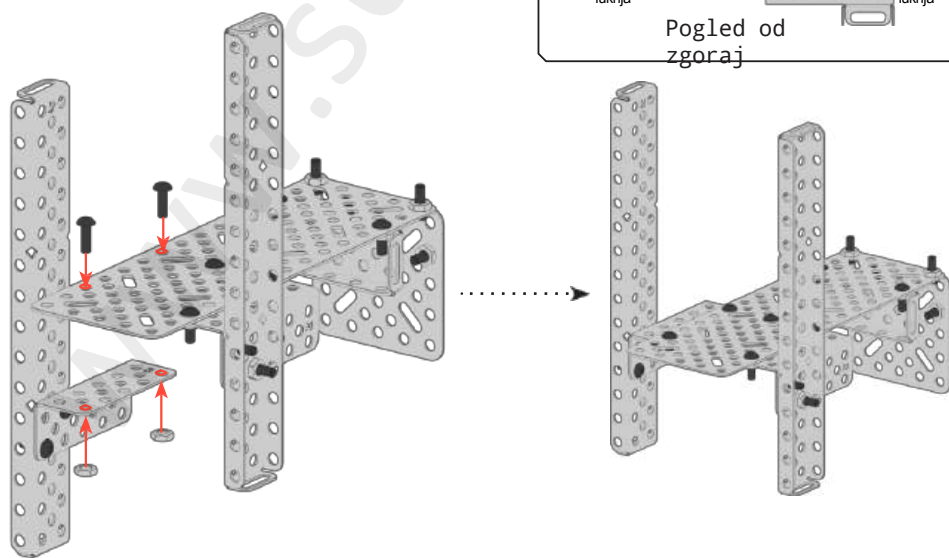
Stranski pogled



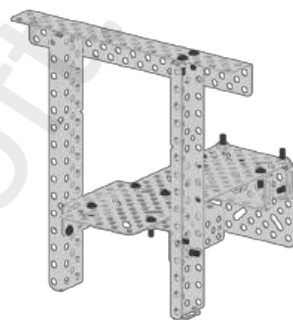
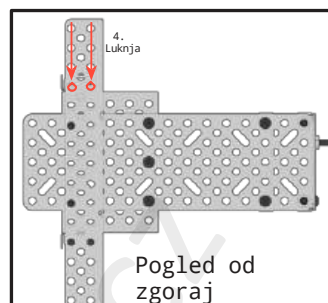
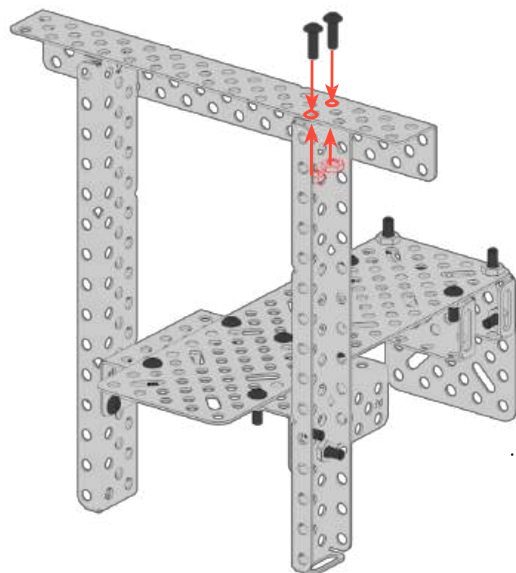
7



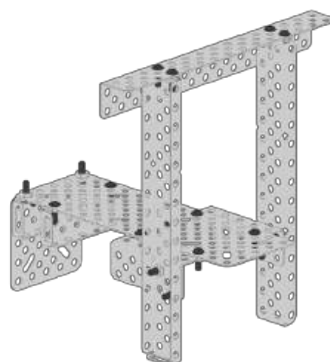
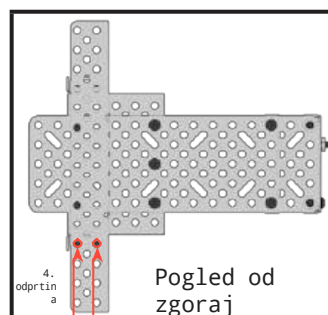
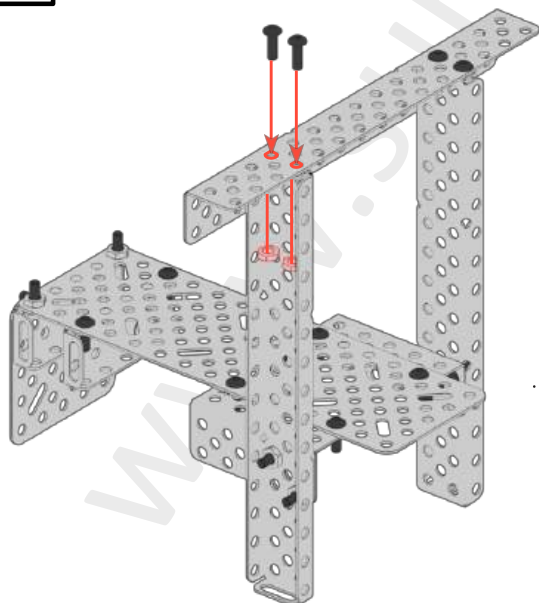
Pogled od zgoraj



8

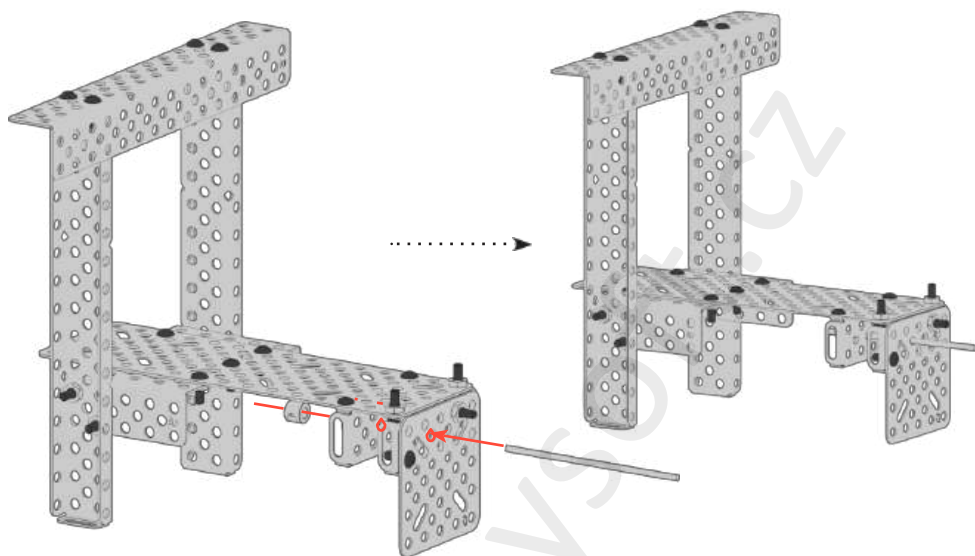


9



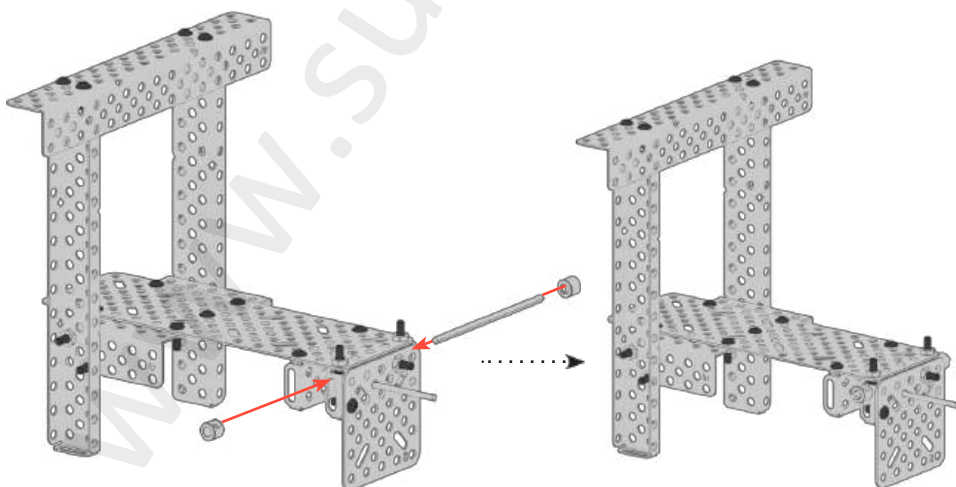
10

Osi 1, 1, 3, 5

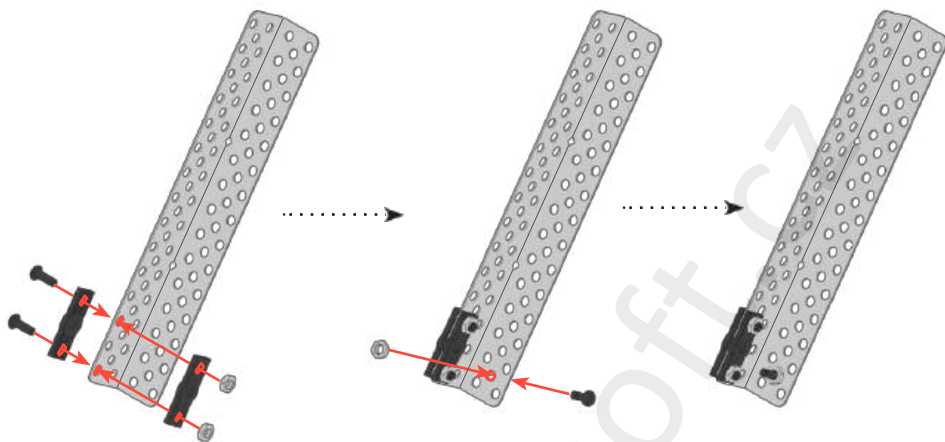


11

Os 1 1 3, 5

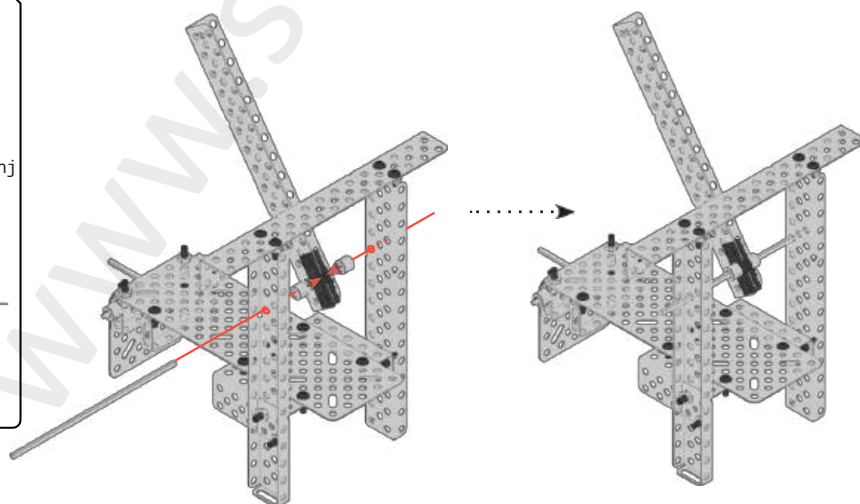
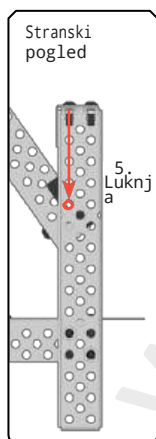


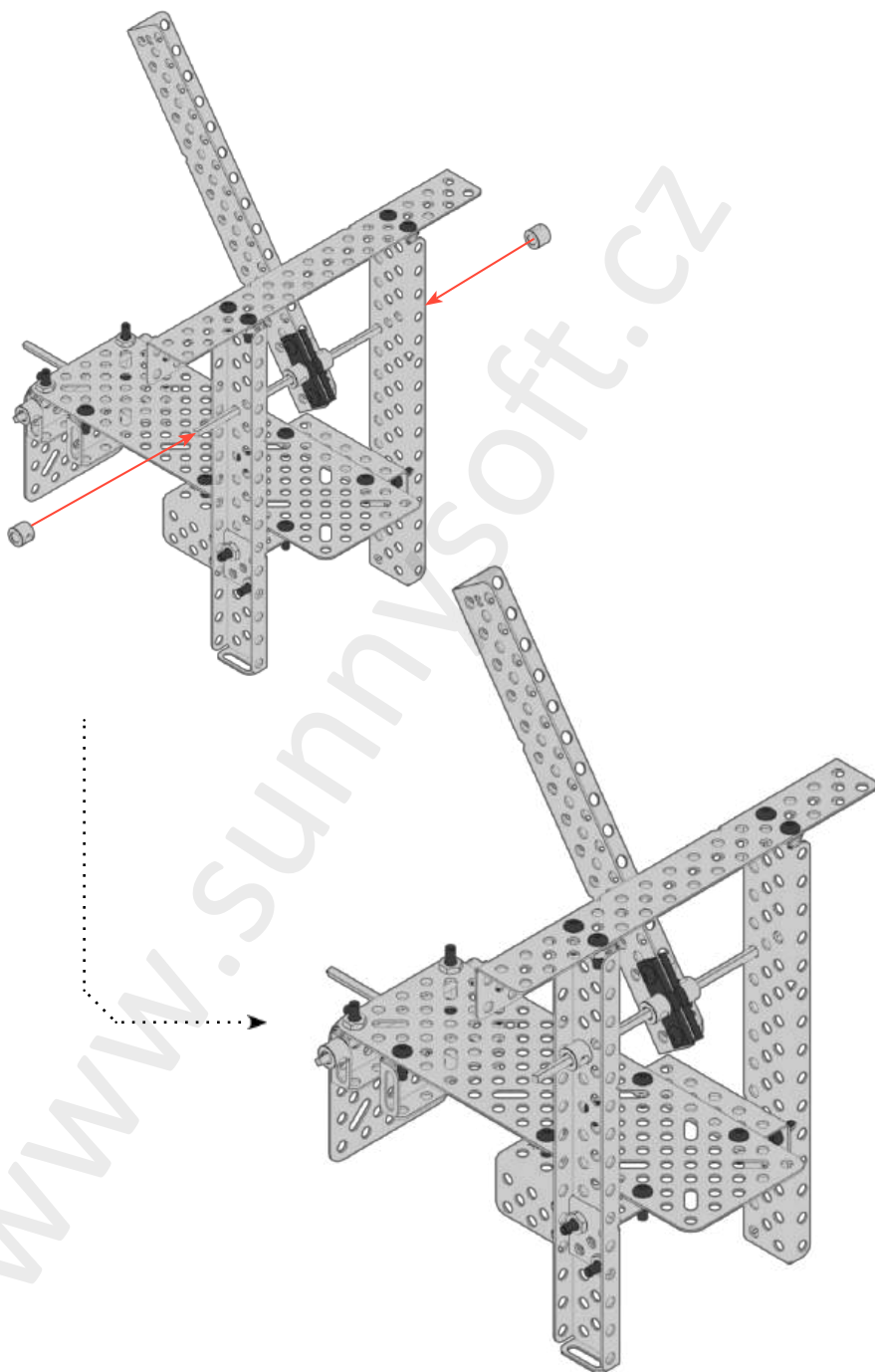
12



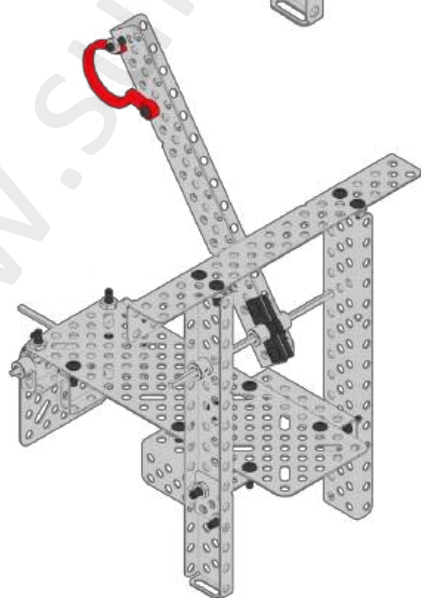
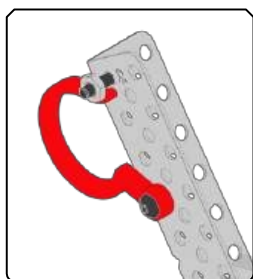
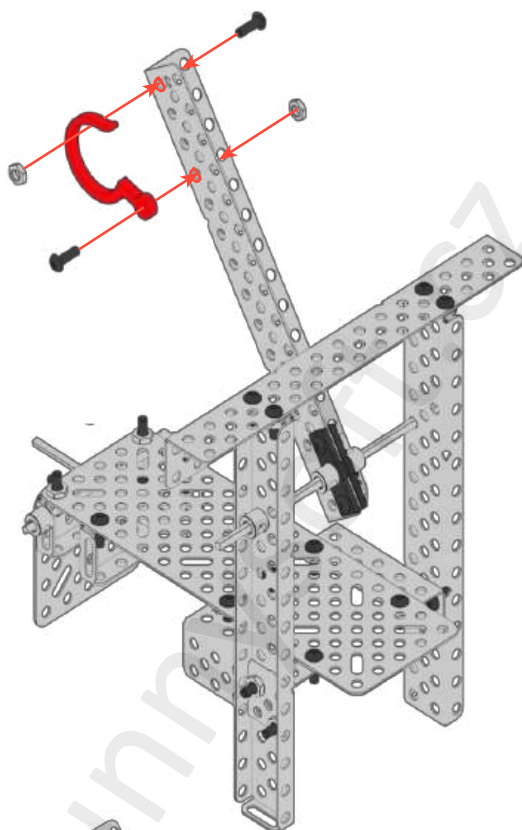
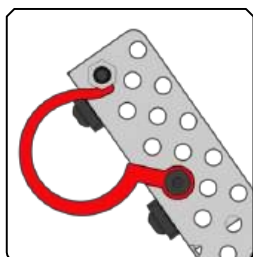
Os 1: 5,5

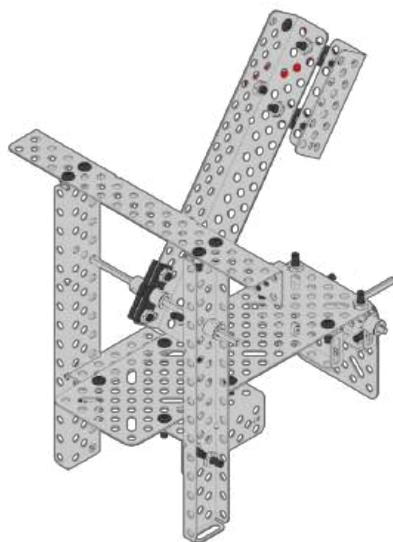
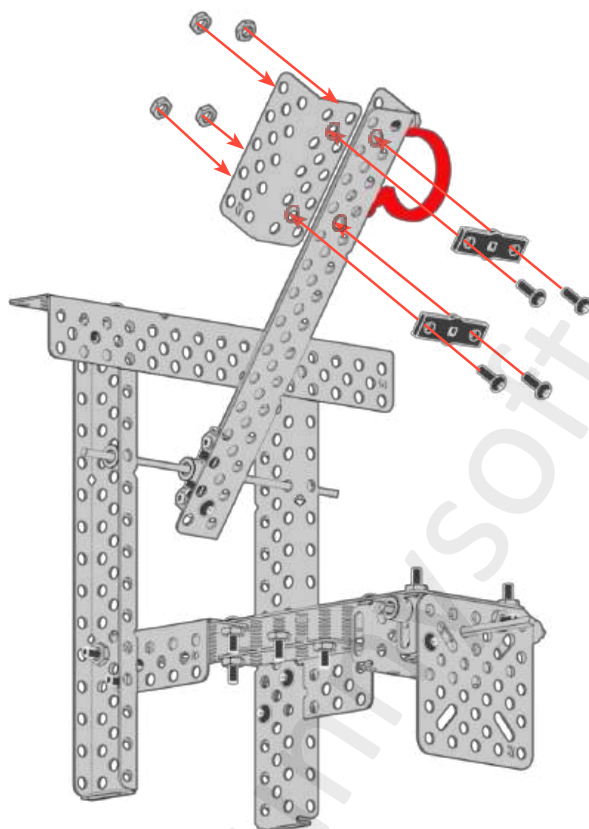
13

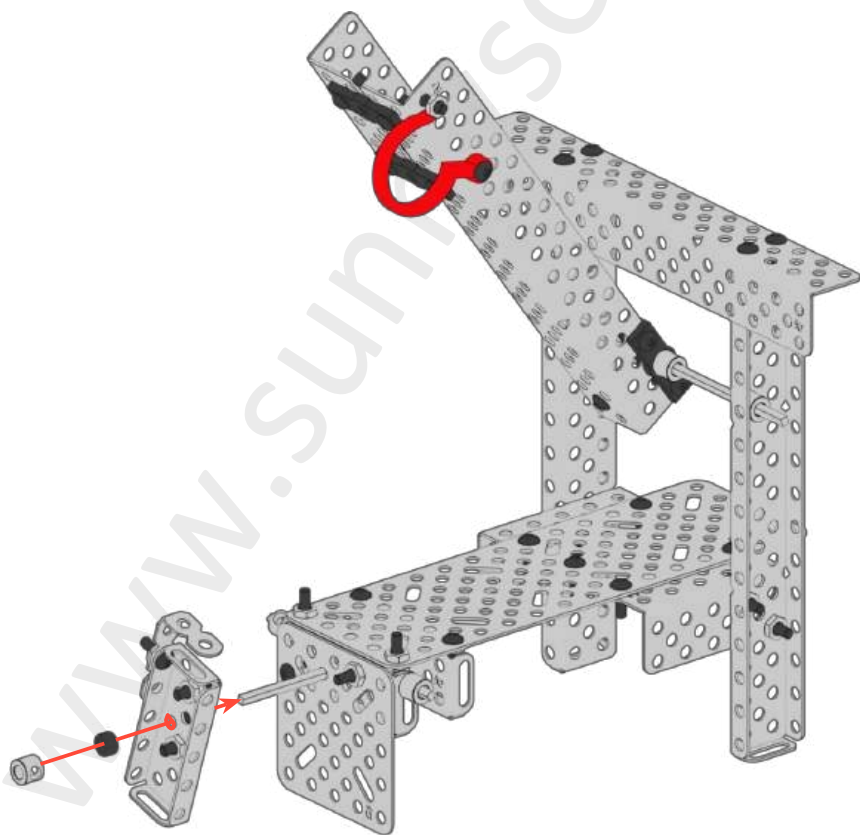
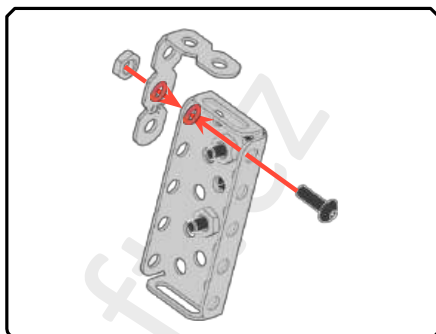
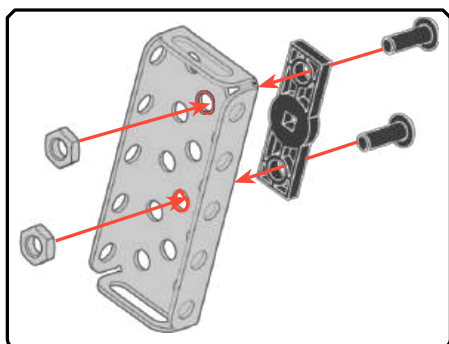




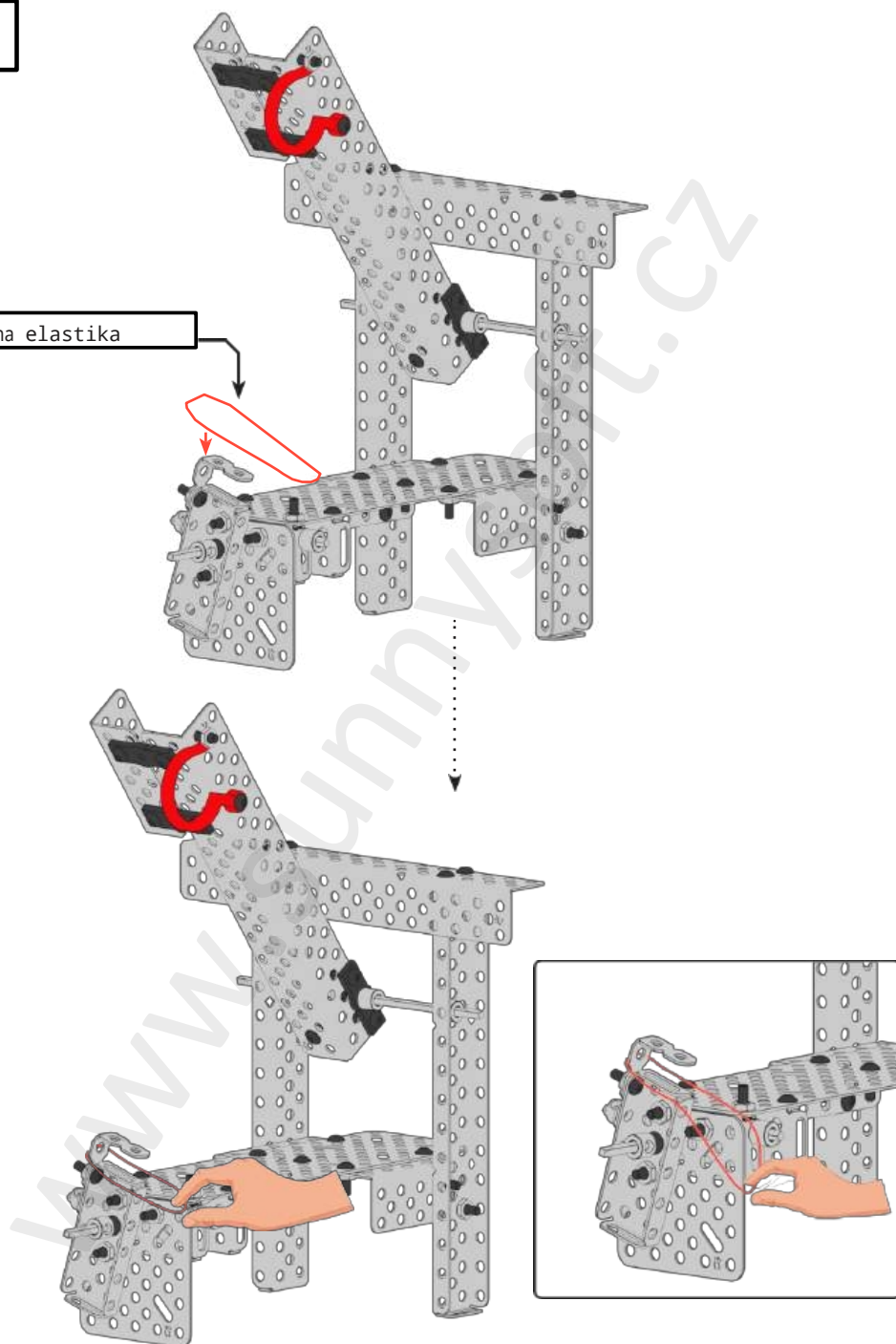
15

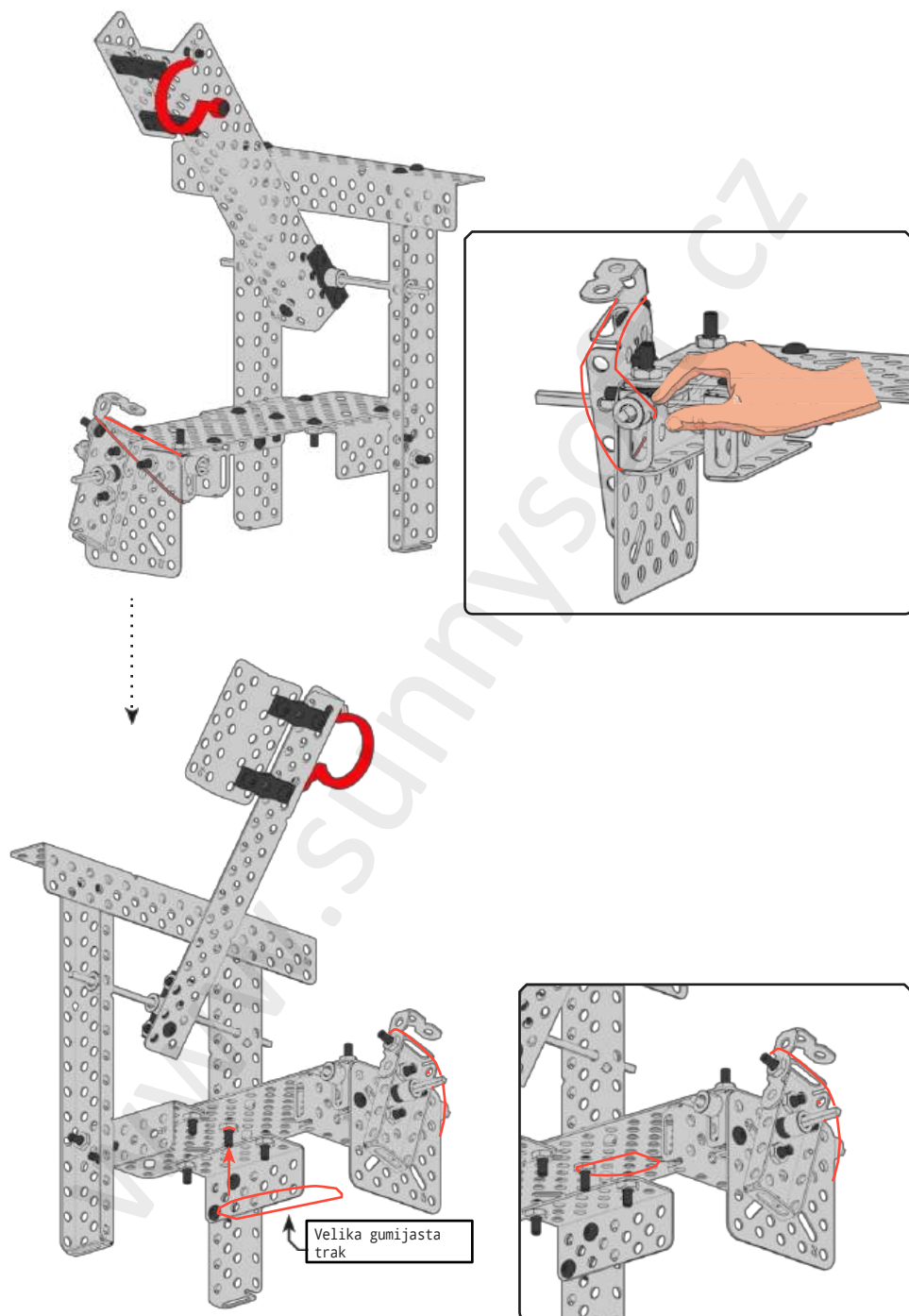


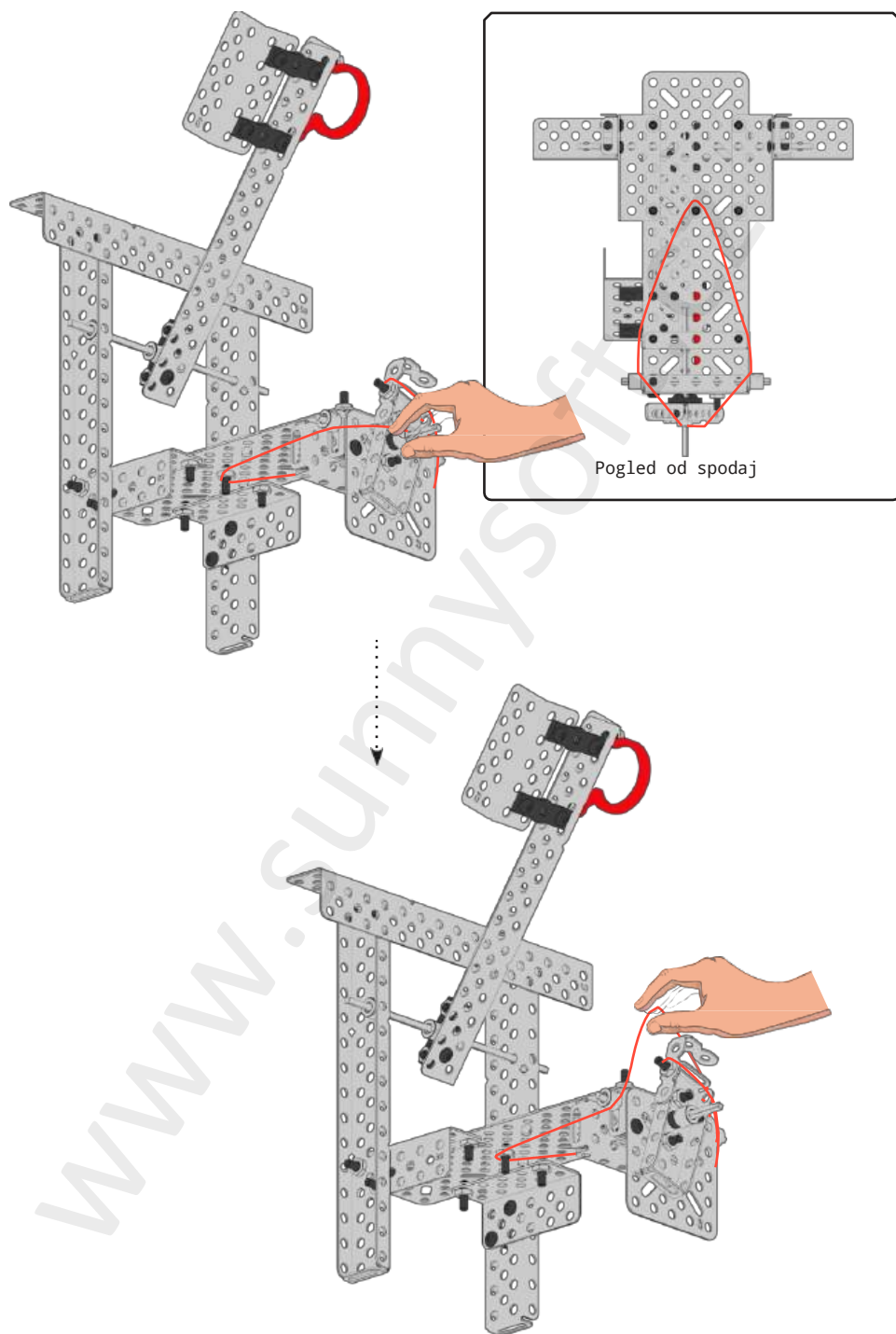


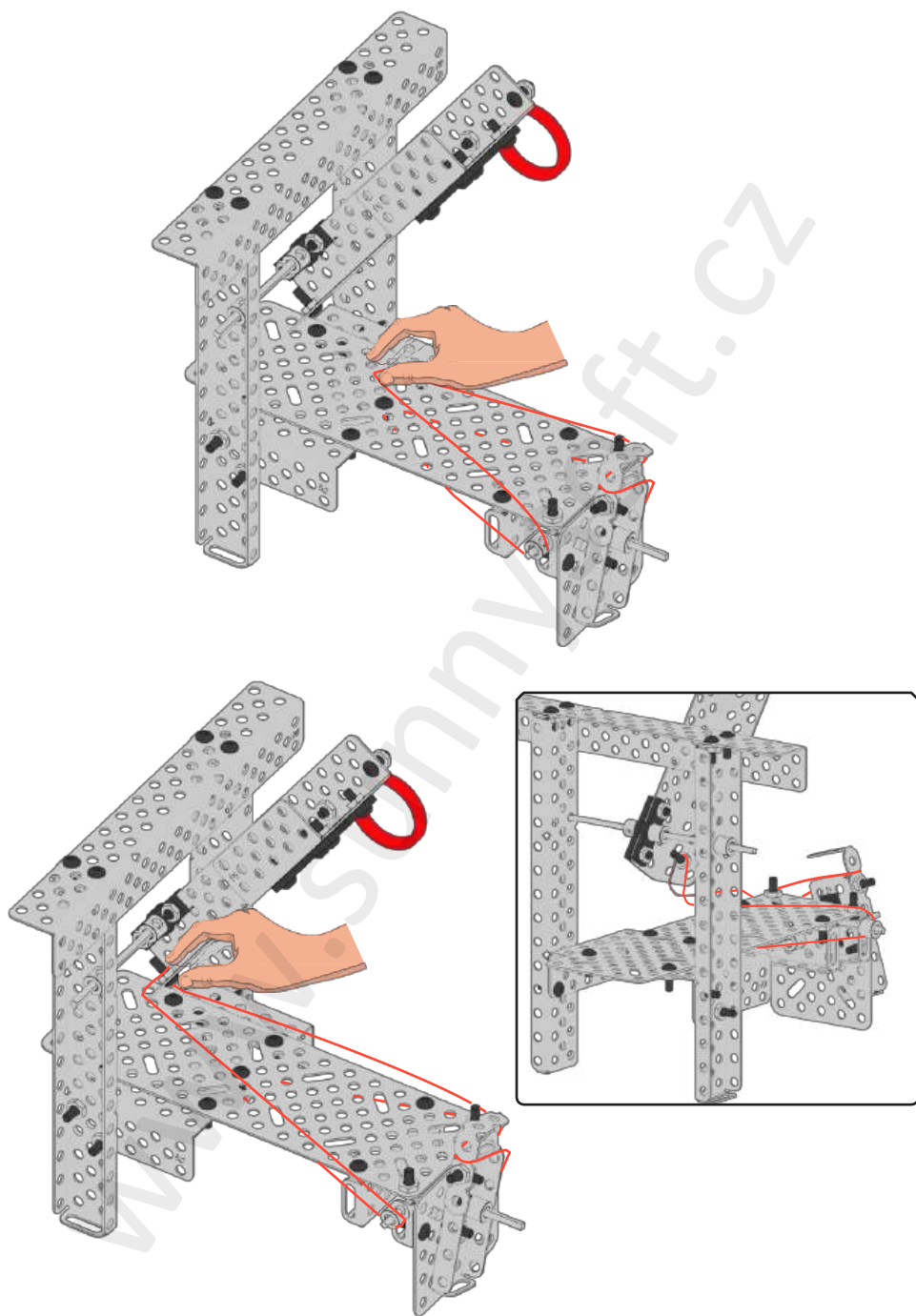


Majhna elastika



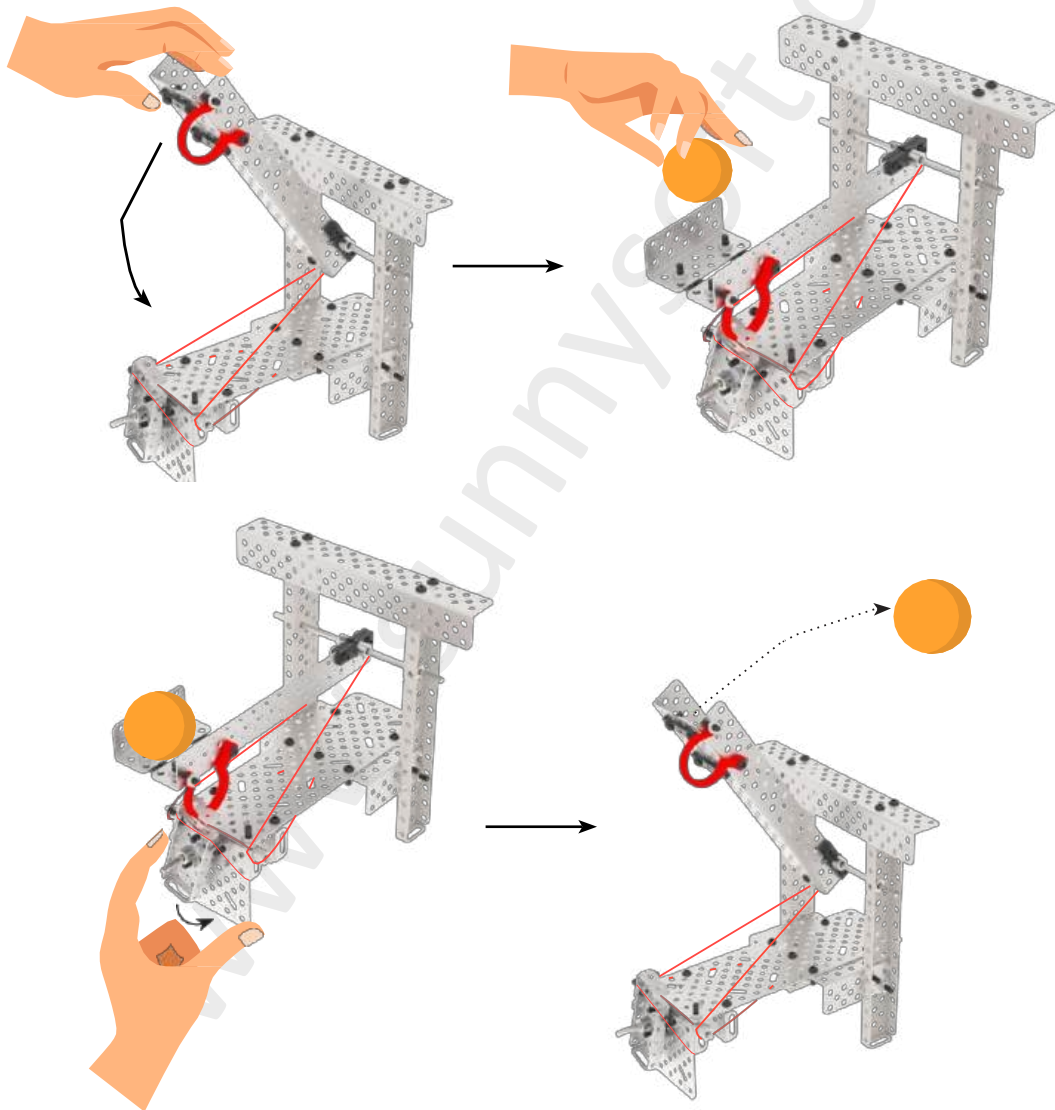




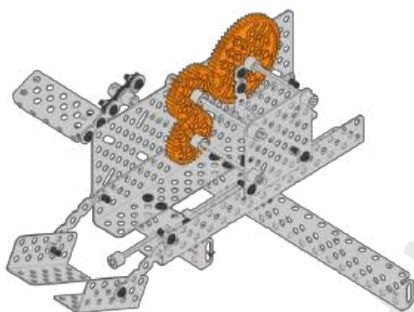


Kako se igrati s katapultom

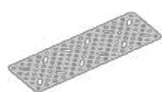
- Potegnite roko navzdol
- Namestite zaporo.
- Vstavite žogico.
- Sprostite zaporo.
- Žogica se požene naprej.



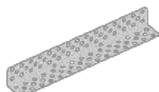
Projekt 5: Streljalnik žogic



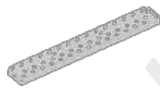
Kaj boste potrebovali?



7,5"
Pravokotni
plošča
x1



7,5"
L-kanal
x2



7,5"
U-nosilec
x1



2,5"
L-kanal
x2



2,5"
Flexi
x5



2,5"
U-nosilec
x2



Polnila x3



Zaklep osi
x16



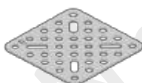
Konektorji s
3 luknjami x3



5,5" os x2



3,5"
os x2



2,5"
L-kanal x1



12 mm vijaki
x22



Matice
x22



Majhen
gumijasti
trak
x1

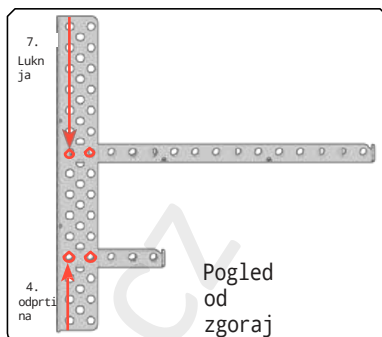
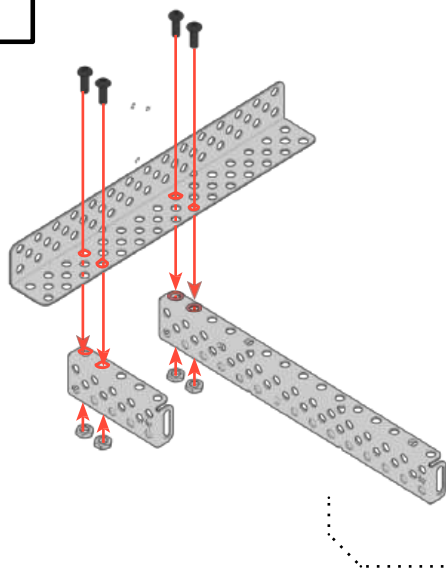


Veliko sprednje
zobnik x1

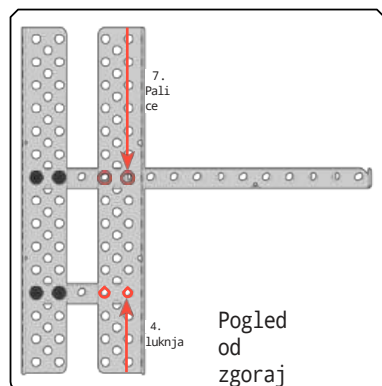
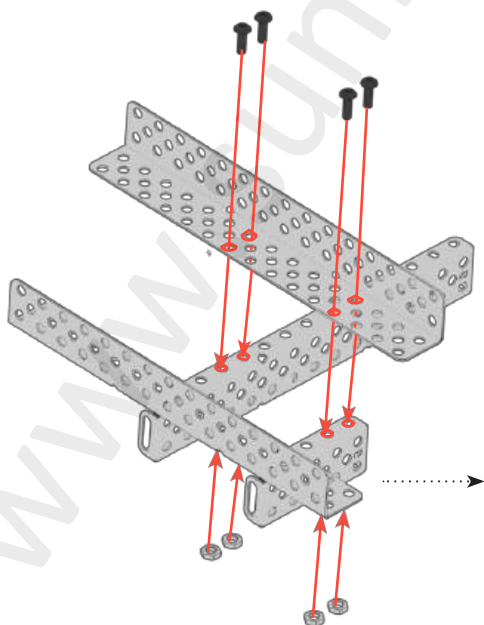


Srednje čelno
zobato kolo x2

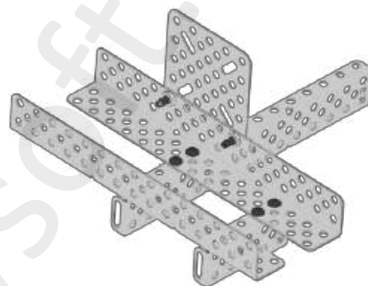
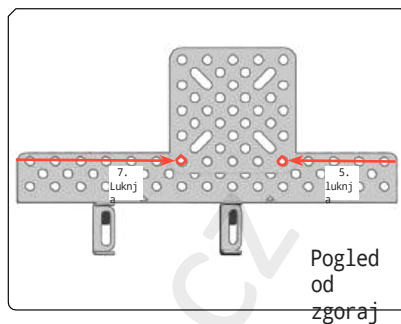
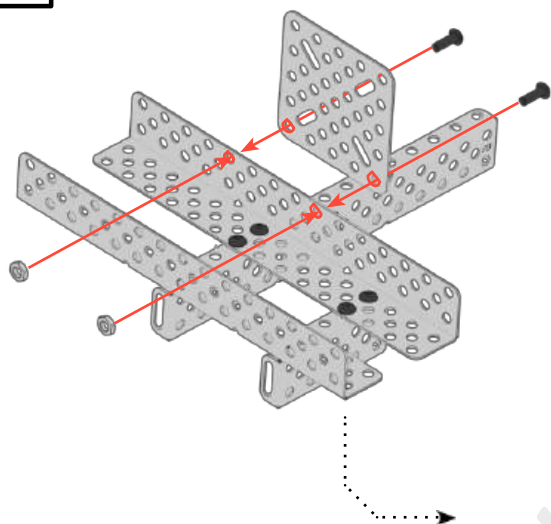
1



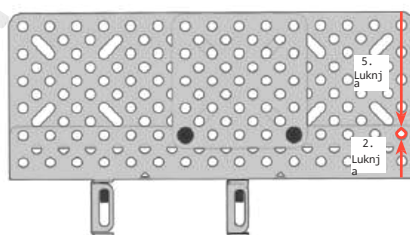
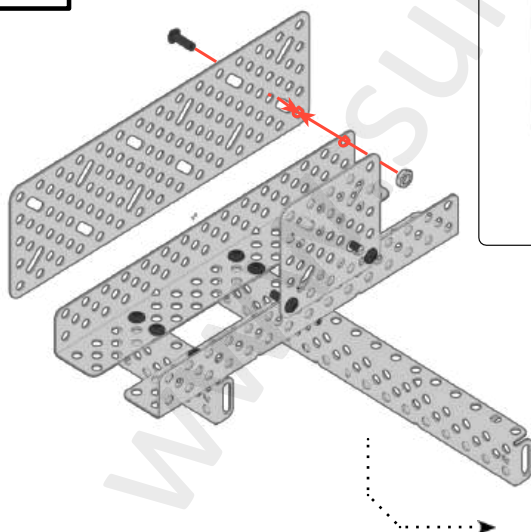
2



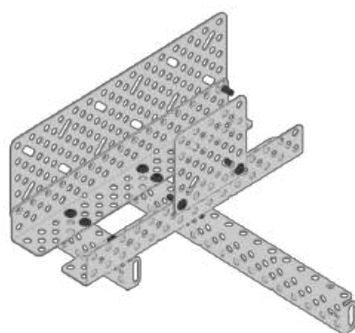
3



4

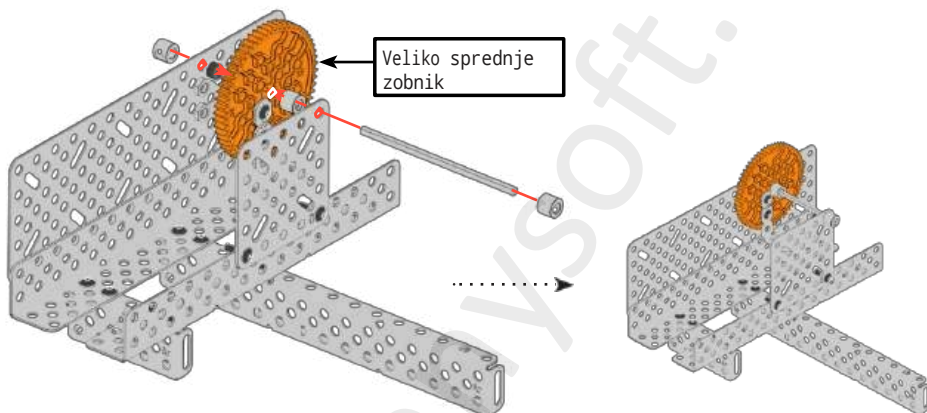
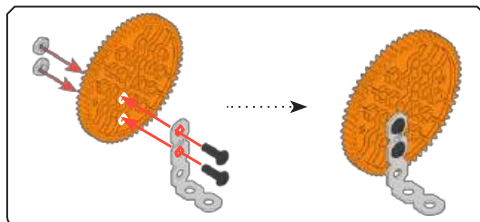


Pogled od zgoraj



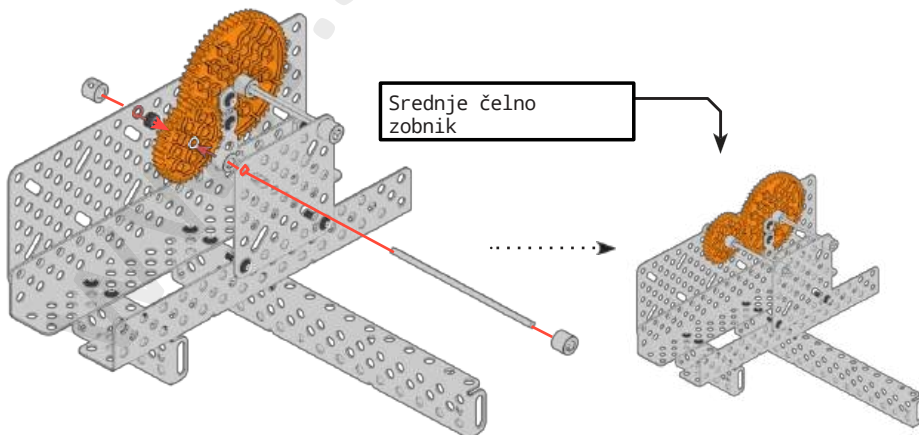
5

Os 1: 1, 3, 5

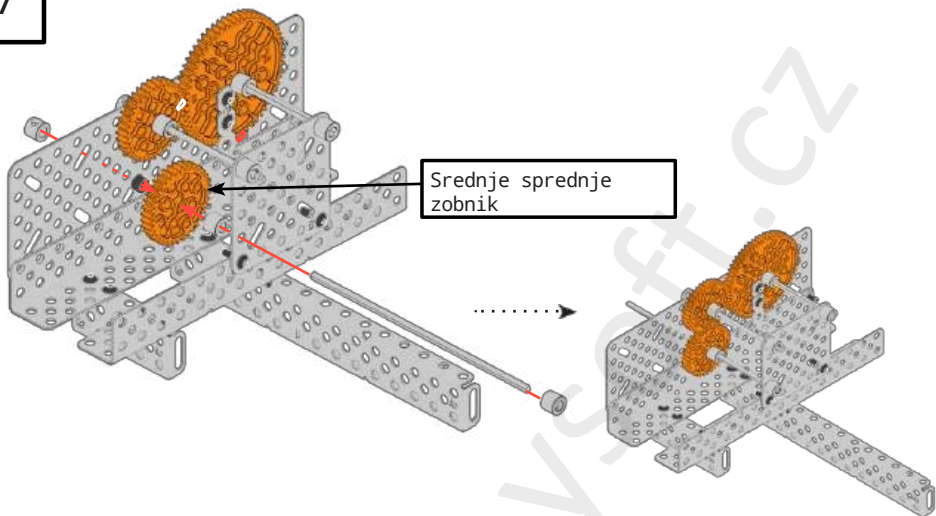


6

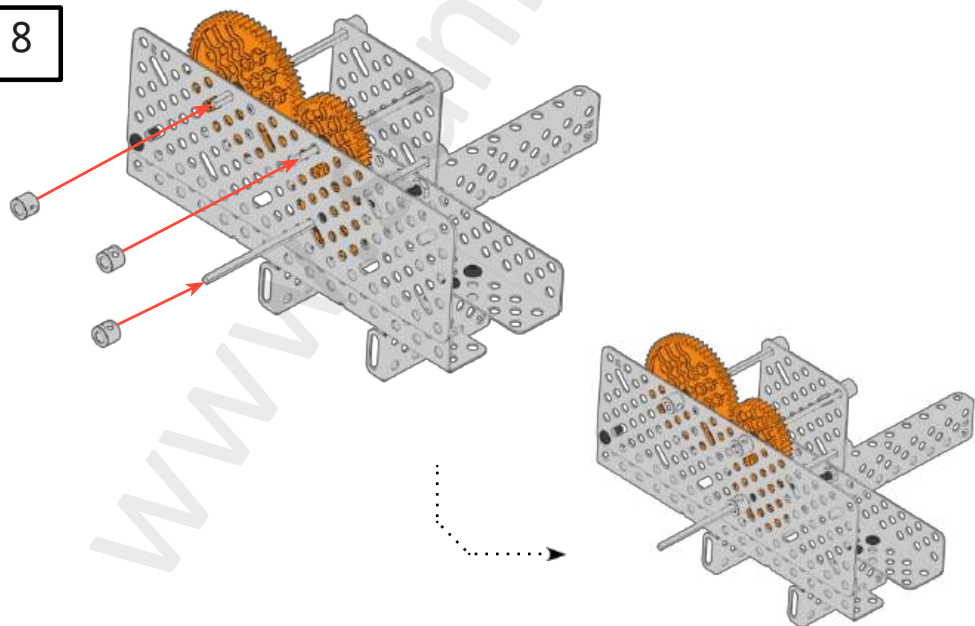
Os 1: 1, 3, 5



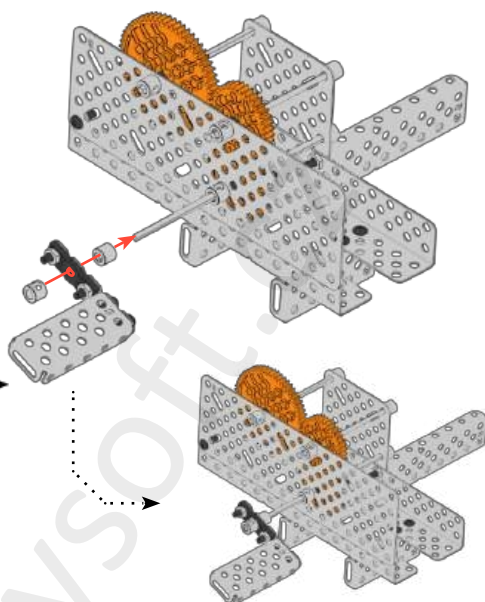
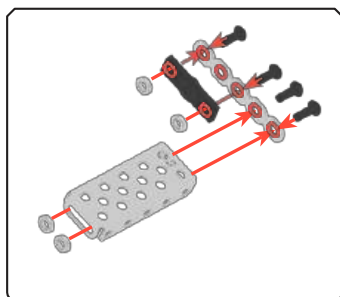
7



8

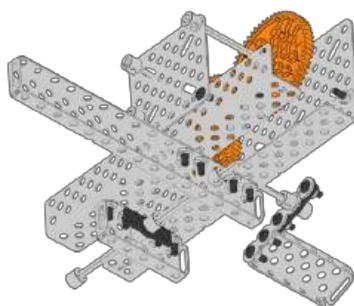
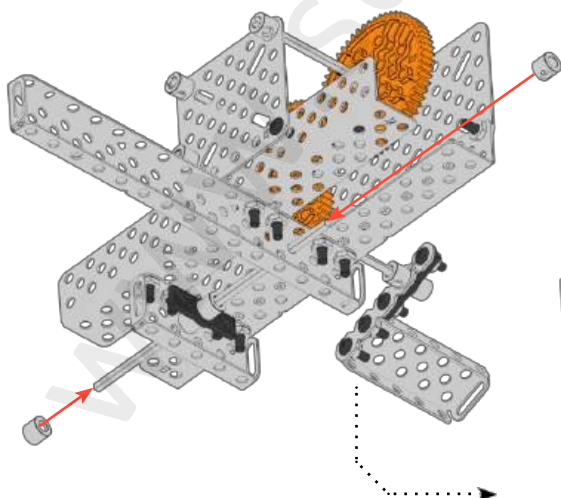


9

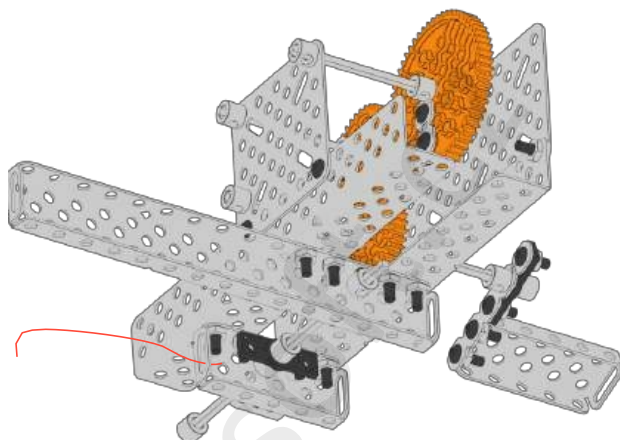
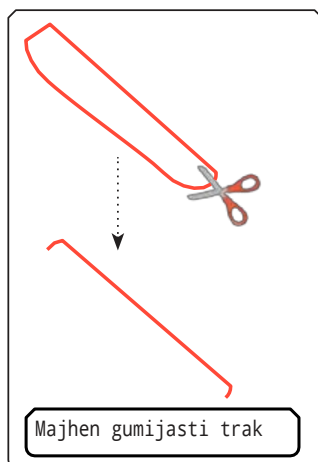


Osi 1:1 5,5

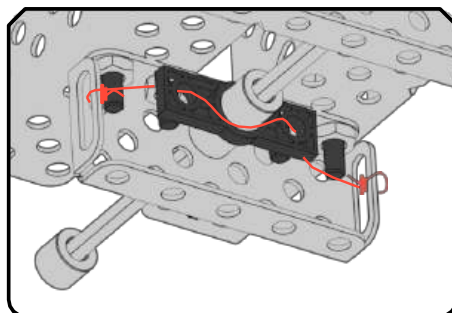
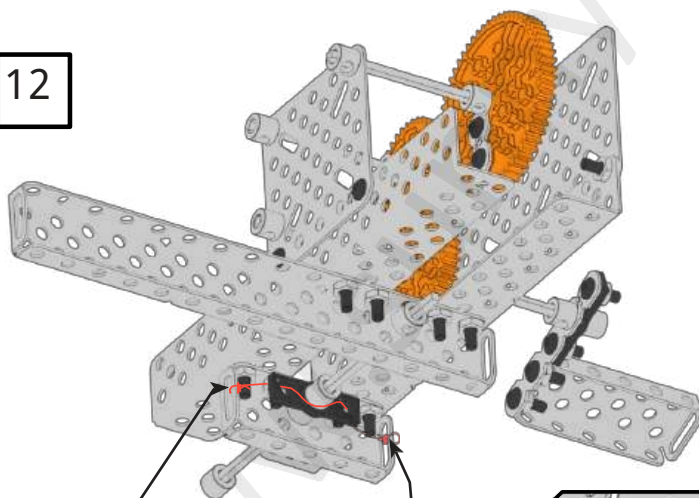
10



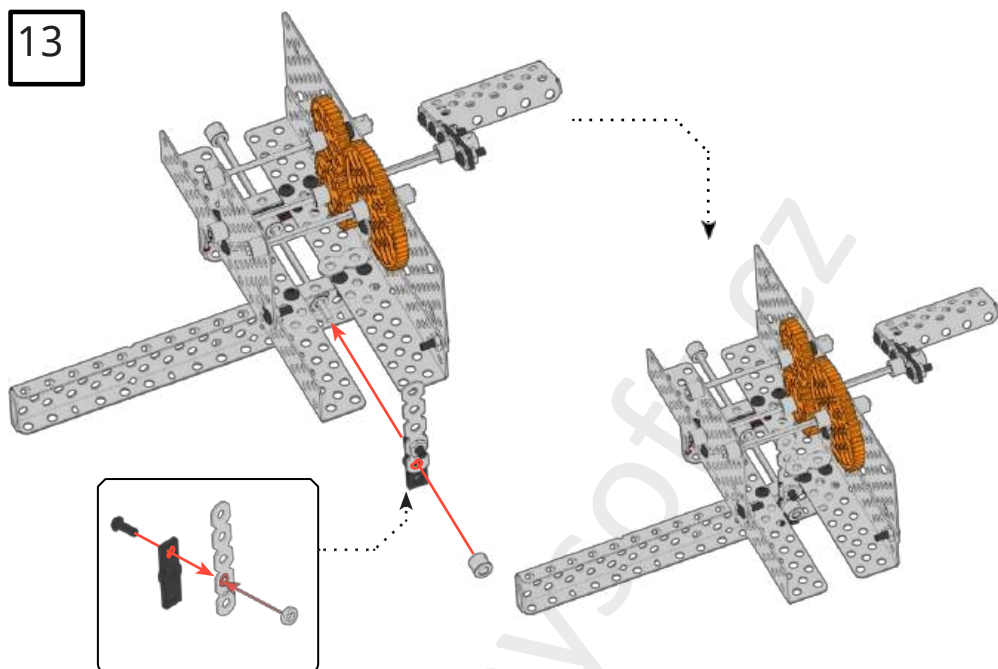
11



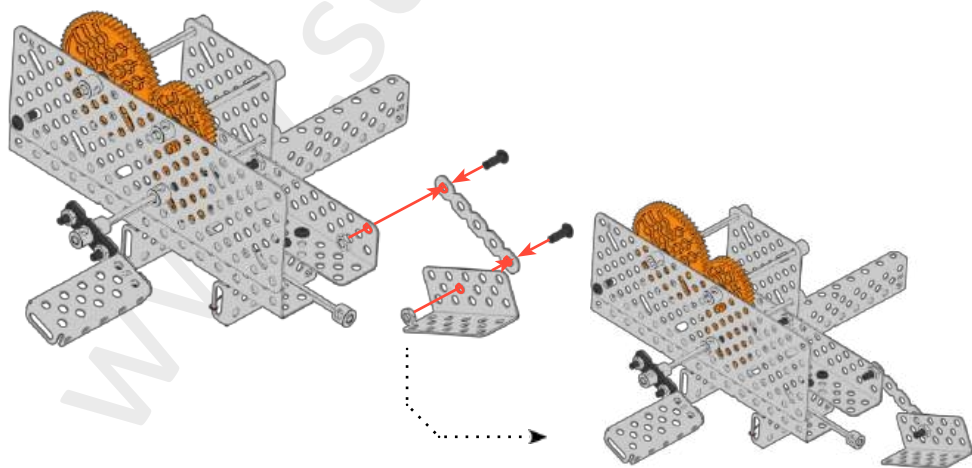
12

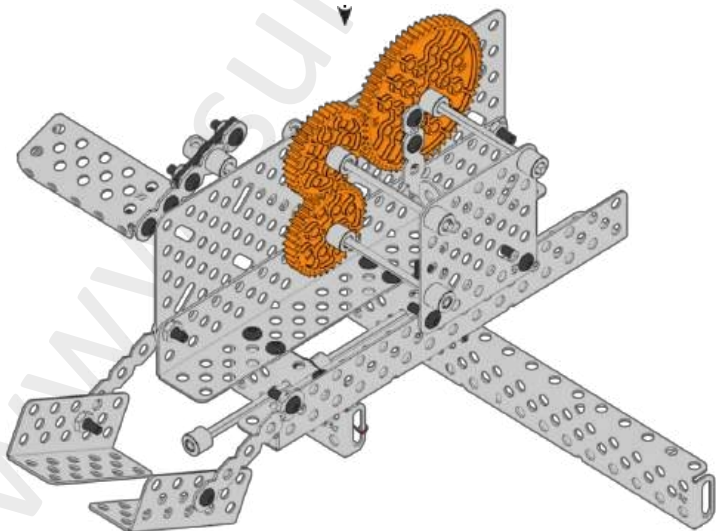
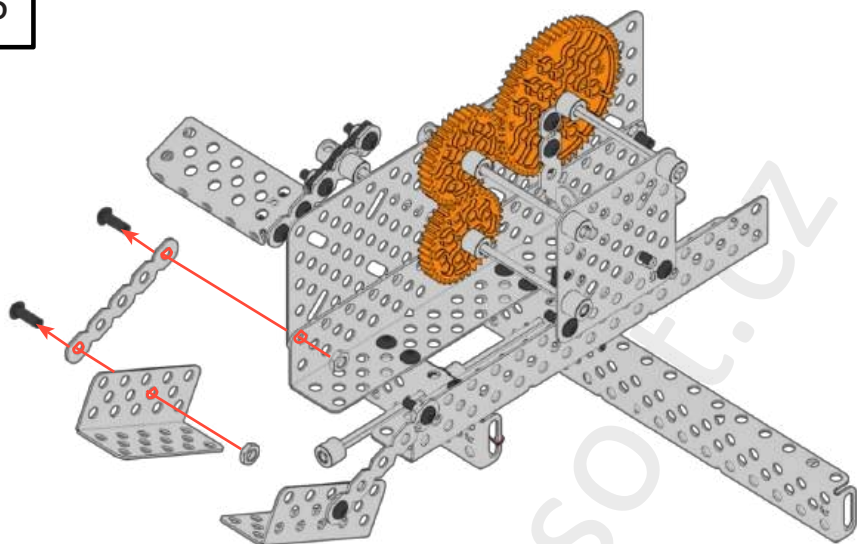


13



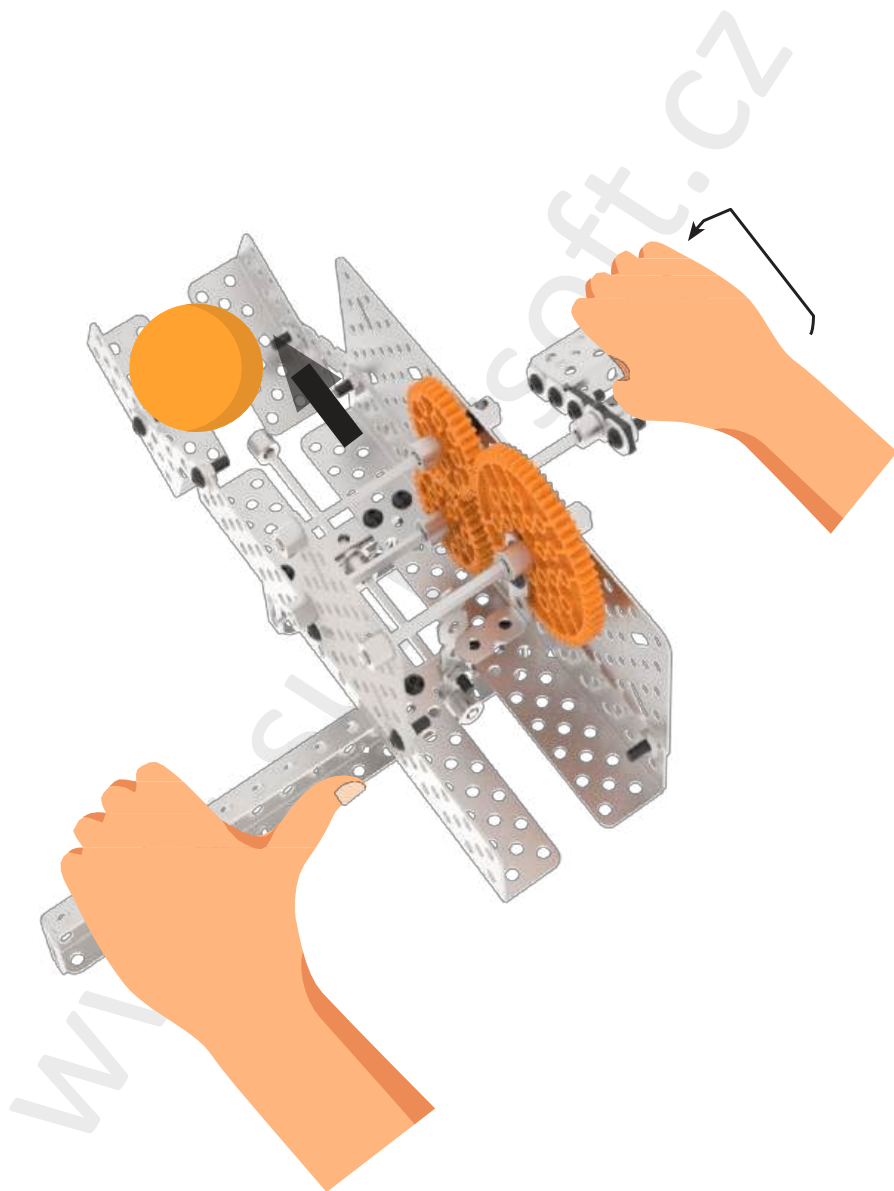
14





Kako igrati

- Kroglico vstavite v majhno posodico v obliki črke L.
- Vrtite ročaj. Os se bo zaletela v kroglico.



Imate težave?

Naša tehnična podpora vam je na voljo v naslednjih urah - od
ponedeljka do sobote: od 9:00 do 20:00
nedelja in tretja sobota: od 9:00 do 18:00



Težave s programsko opremo



Težave z uporabo



Težave s strojno opremo

Za stik s podporo skenirajte QR-kodo.



support@avishkaar.cc
+91-8506931515

Dobavitelj/distributer
Sunnysoft s.r.o.
Kovanecká 2390/1a
190 00 Praha 9
Češka republika
www.sunnysoft.cz

ROBOTICS EXPLORER

Započnite svoje putovanje u robotiku!



Inovirajte



Kredo inovatora

Preuzmite Zavjet inovatora na stranici 6 i shvatite što znači biti inovator.



Naučite koristiti priručnik

Slijedite detaljna uputstva u priručniku i naučite kako sastaviti zanimljive robote pomoću kompleta.



Sklapanje, kodiranje i kontrola

Sastavite inovativne projekte koristeći komplet, upravljajte robotima pomoću daljinskog upravljača Remote Avishkaar i kodirajte pomoću aplikacije Avishkaar Maker Studio.

.....> **Podijeli** ----->

Osvojite



Pridružite se Let's Avishkaar

Pridružite se našoj zajednici na Facebooku - povežite se s inovatorima i primajte najnovije obavijesti o webinarima.



Učitaj projekte

Učitajte svoje projekte na www.avishkaar.cc i podijelite ih s inovatorima diljem svijeta.



Međunarodna natjecanja

Sudjelujte u tjednim, mjesečnim i godišnjim natjecanjima i steknite svjetsko priznanje.



Zakletva inovatora

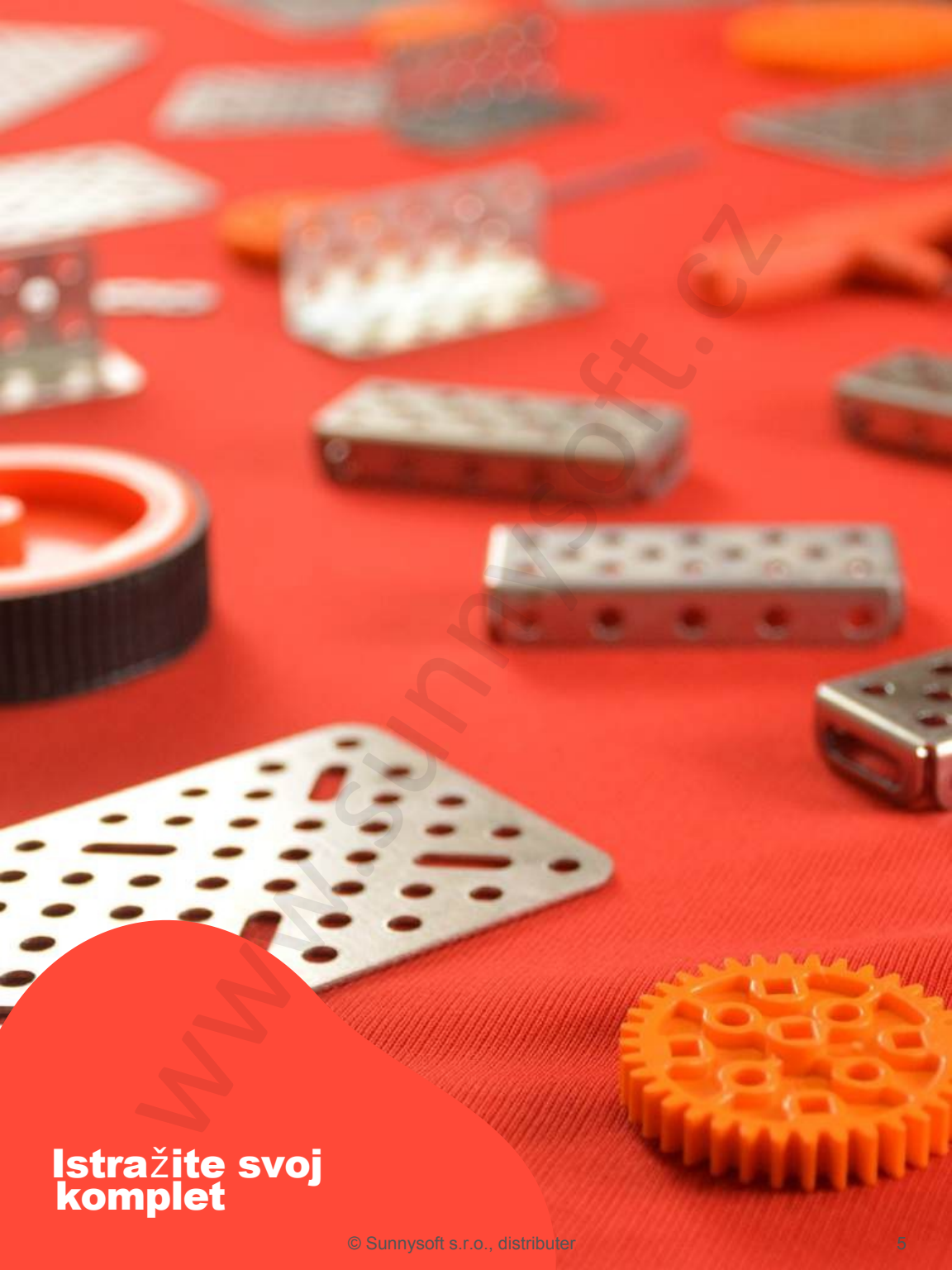
Preuzmite dolje navedenu Zavjet inovatorima i obvezujte se cjeloživotnom potrazi za inovacijama i rješavanjem problema. Podijelite fotografiju u Facebook zajednici Let's Avishkaar.

Svečano se zavjetujem da, krenuvši putem inovacija, neću odustati dok moja inovacija, moj projekt, ne bude dovršen. Usavršit ću svoje vještine i alate i dobro ih iskoristiti. Inovacija i ja bit ćemo nerazdvojni. Uvijek ću dijeliti svoje inovacije s drugim inovatorima i učiti uz njih.

I (Upisite svoje ime)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

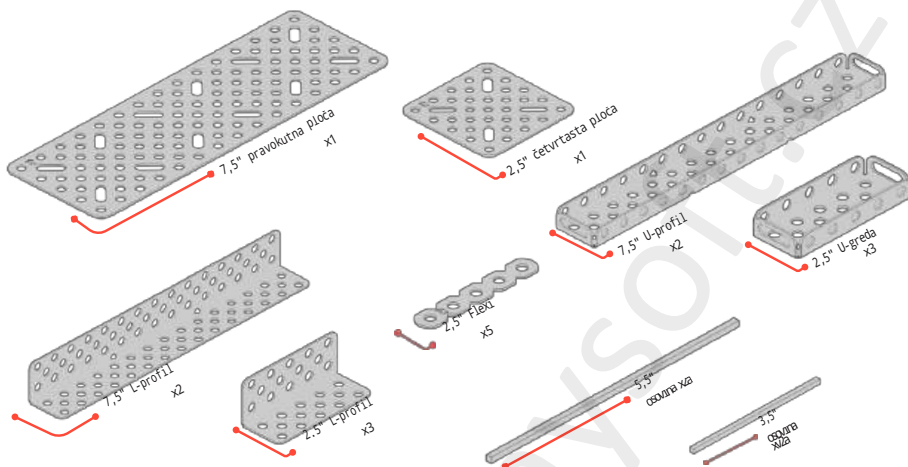
potpis



**Istražite svoj
komplet**

Provjera opreme

Metalni dijelovi



kotači i zupčanici



Mali
kotači
x3



Veliki lančanici
kotač x1



Srednji
prednji
lančanik x2



Mali zupčanik
x1

Alati



Imbus ključ
ključ
č x1



Plastični
kukica
x1



Ključ x1



Konektor s 3
rupe x5



Podloške
x11



Bravice za
osovinu
x16



12 mm
vijak
x31



Matrice
x31



Velike gumene
trake
x2



Male gumene trake
x2

Osnove izrade

Razumijmo neke osnovne gradnje

Zatezanje vijaka



Zatezanje brave osovine



Zategnite
(okrenite u smjeru
kazaljke na satu)



Otpustiti
(okrenuti u smjeru
suprotnom kazaljki na
satu)

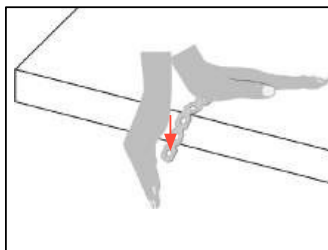
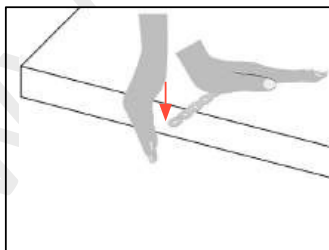


Zatezanje
(okretanje u smjeru
kazaljke na satu)

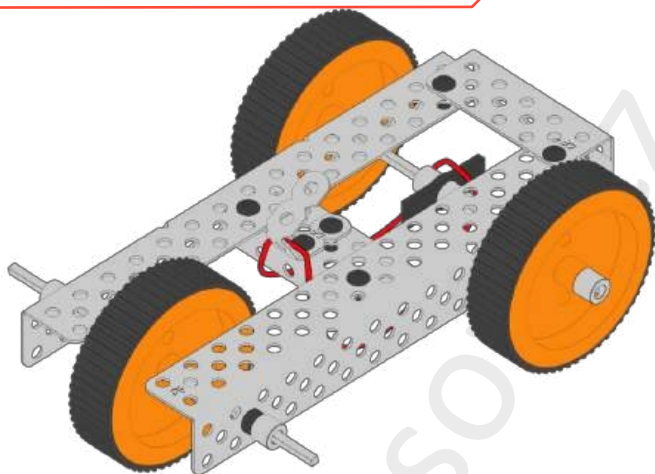


Otpustiti
(okrenuti u smjeru
suprotnom kazaljki na
satu)

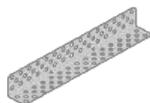
Fleksibilno savijanje



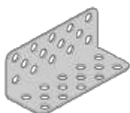
Projekt 1: **Automobil**



Što će vam trebati?



7,5"
L-profil
x2



2,5"
L-
profil
x 1



2,5"
Mali Flexi
x1



2,5"
U-profil
x1



5,5" osovina x2



ispune
x4



Bravica
osovine x8



Konektori s
3 rupe x1



Malo kotač x3



Velika gumena traka x1

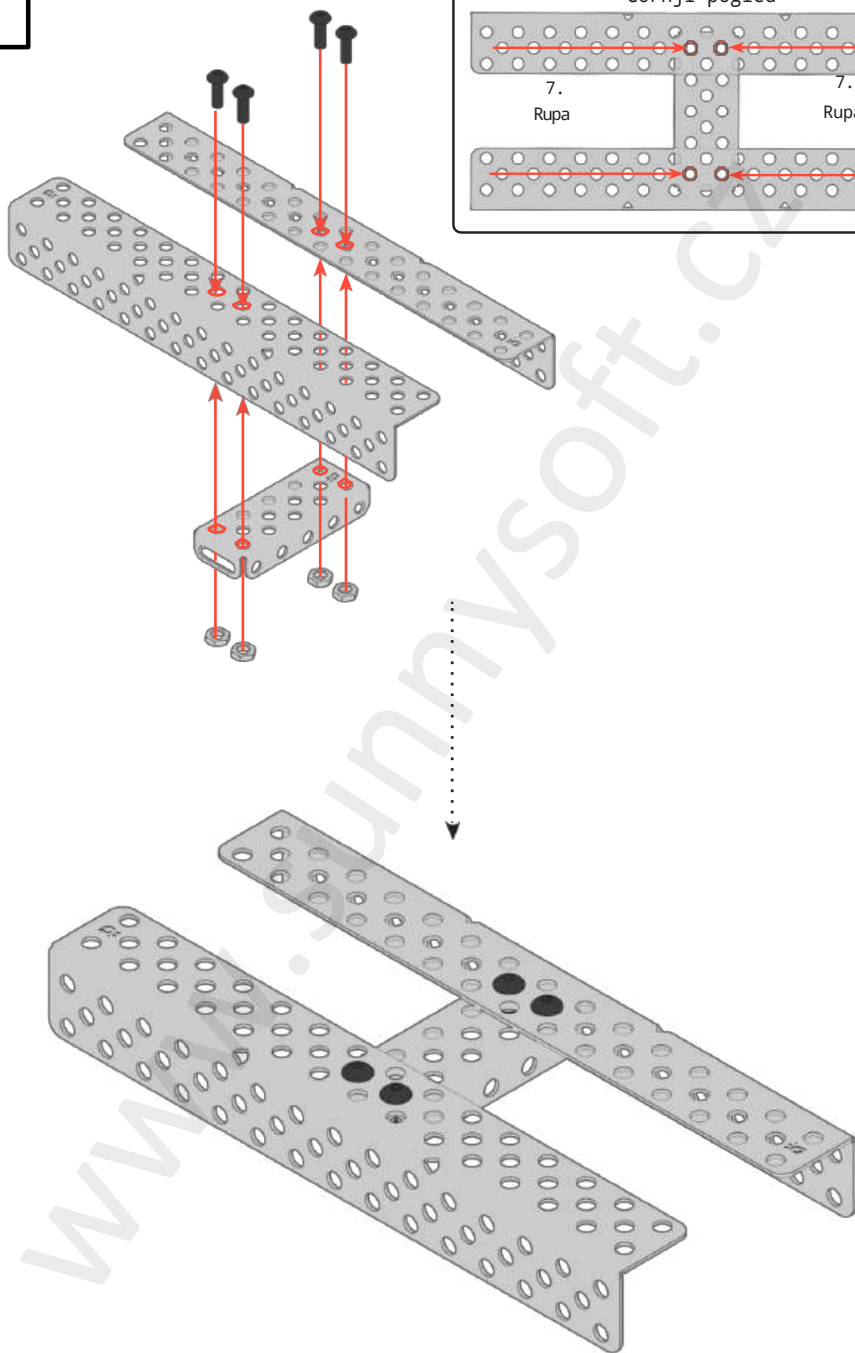


12 mm vijci
x8

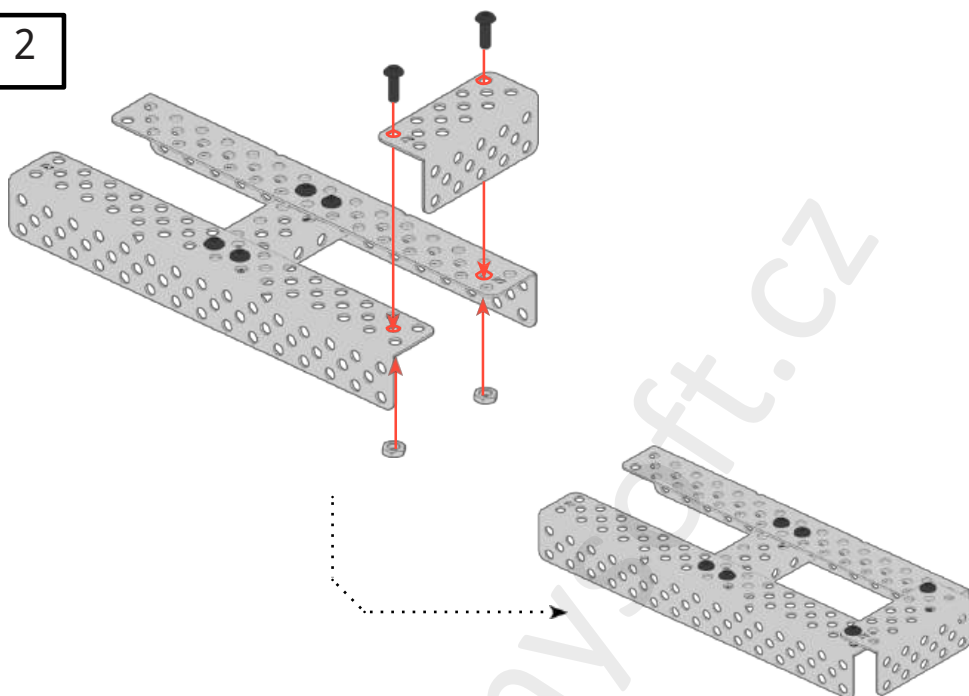


matice x8

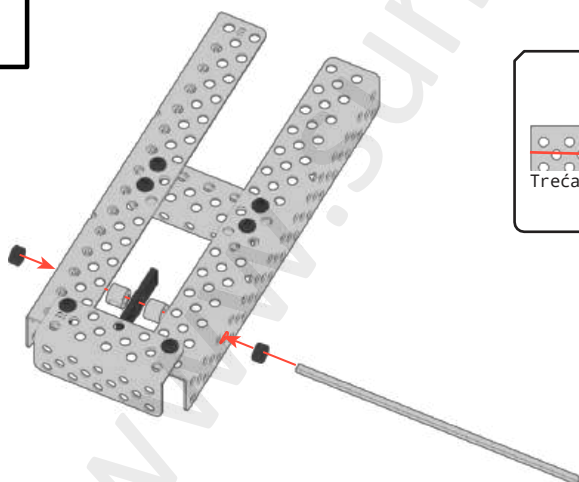
1



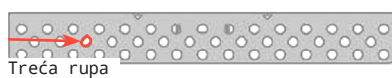
2



3

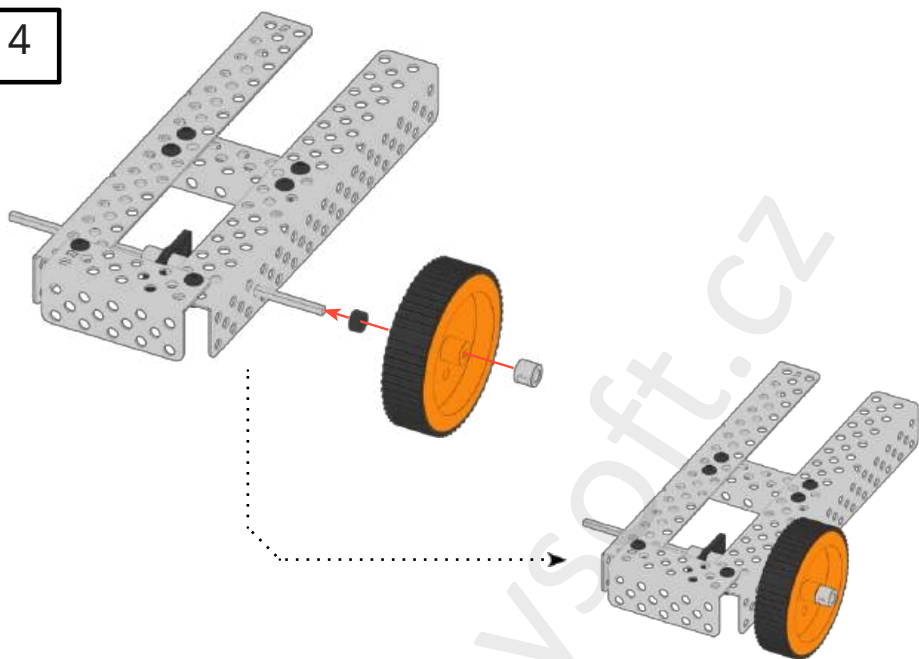


Bočni pogled

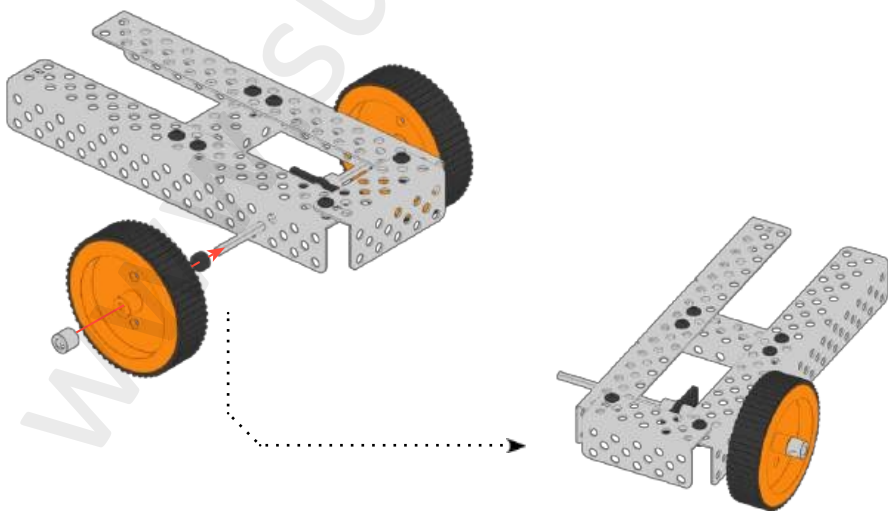


1:1 Osovina 5.5

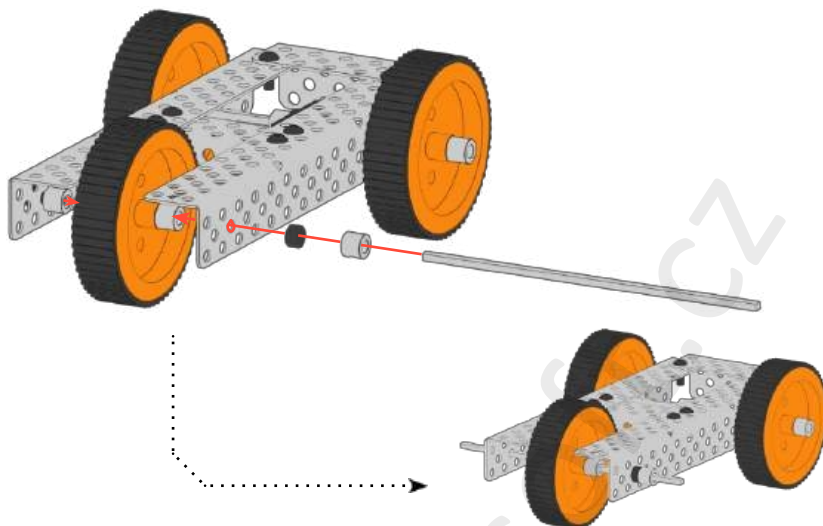
4



5



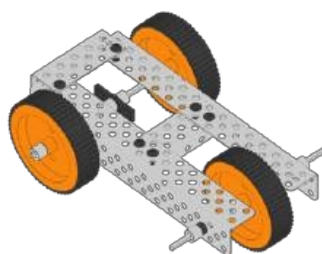
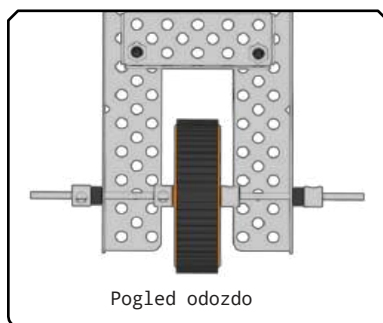
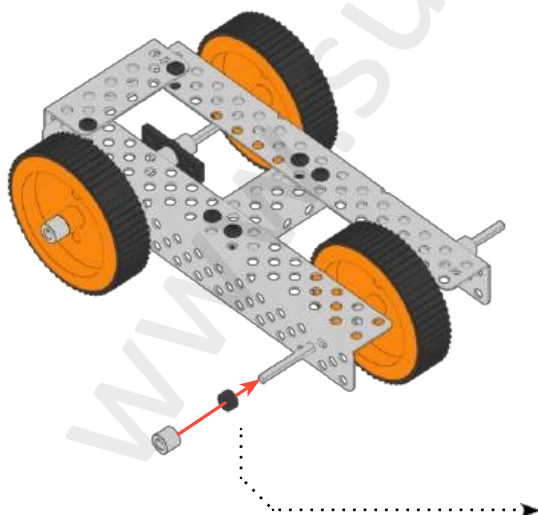
6



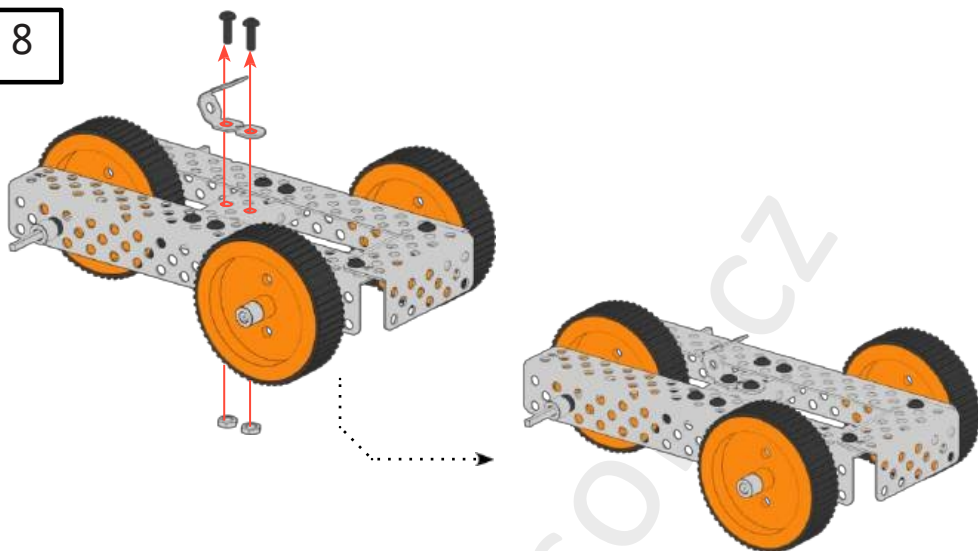
1:1 Osovina 5.5



7



8

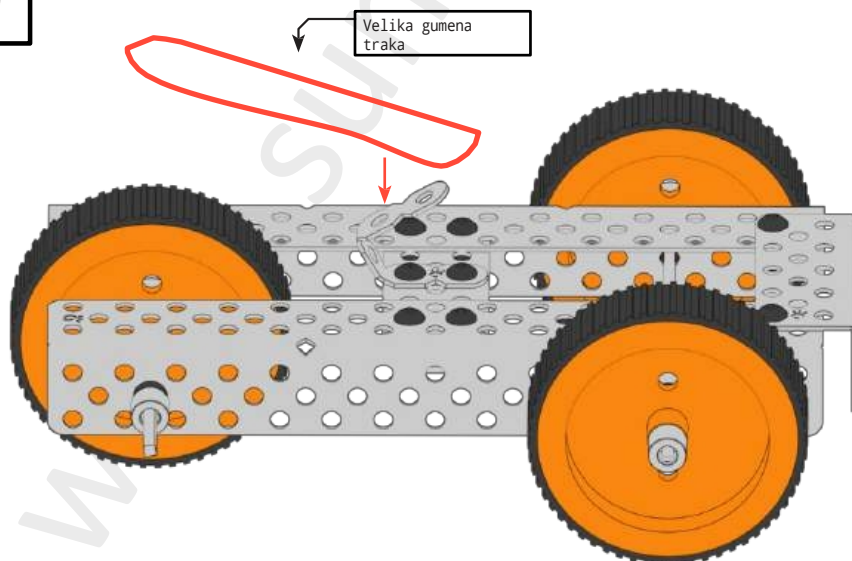


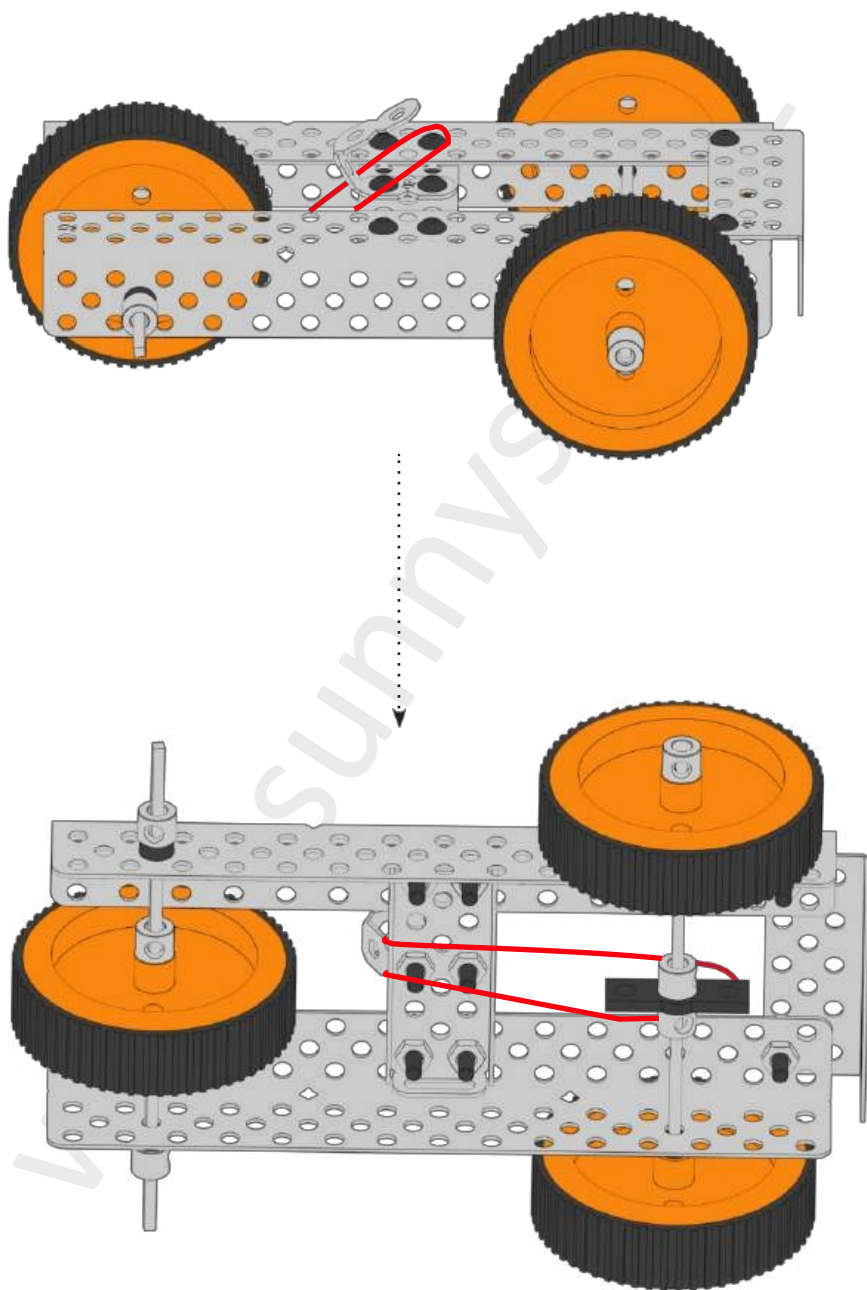
Savjet za sastavljanje

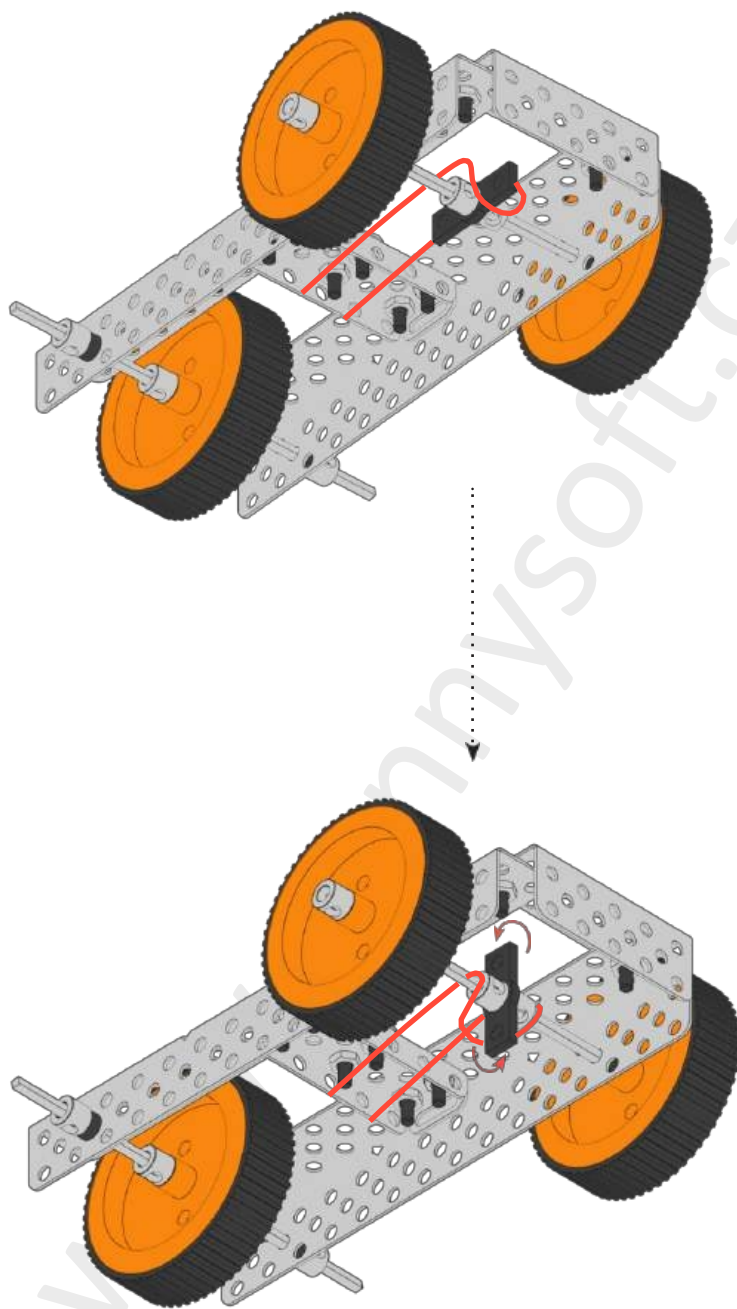
Možete pronaći informacije o savijanju Flexija u uputama.



9

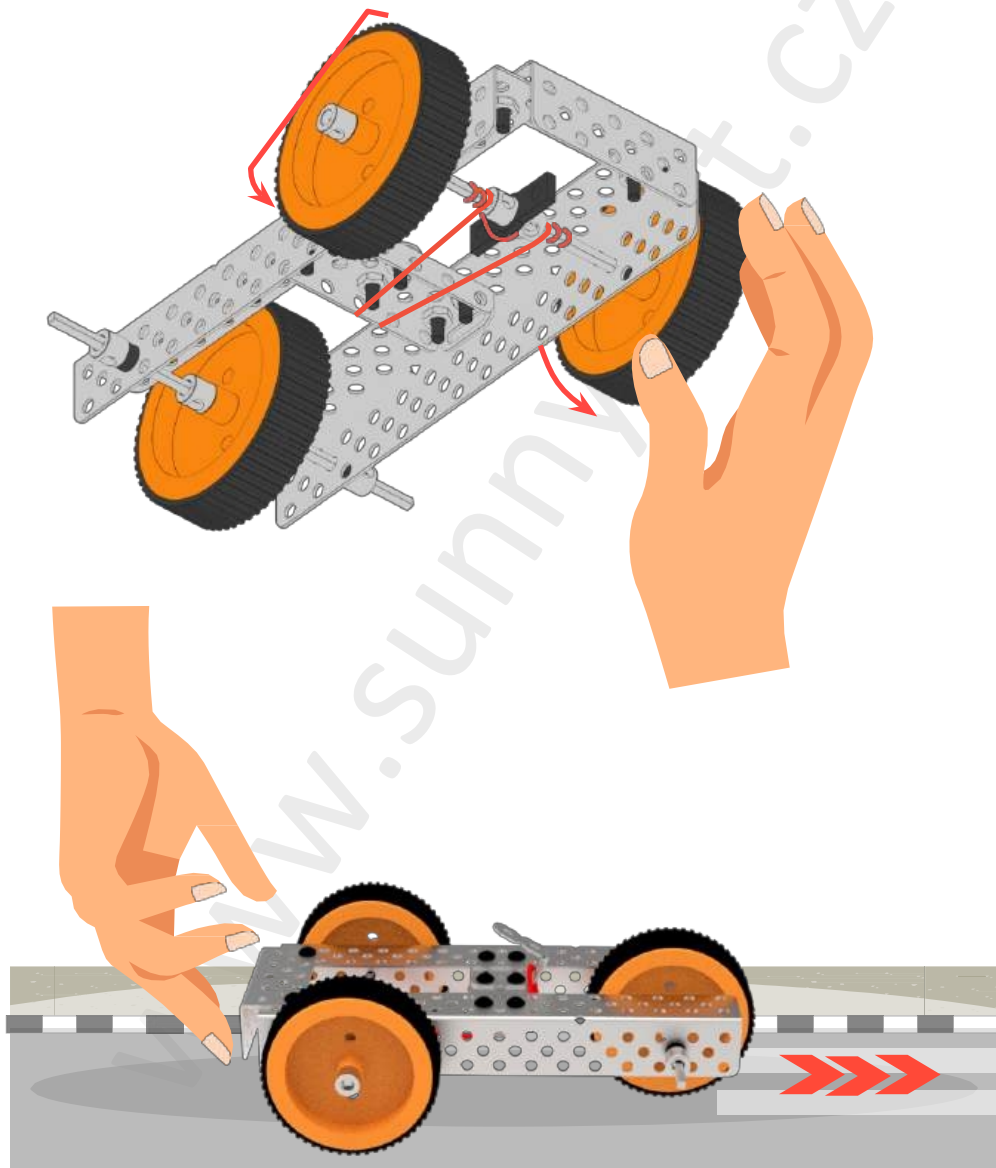




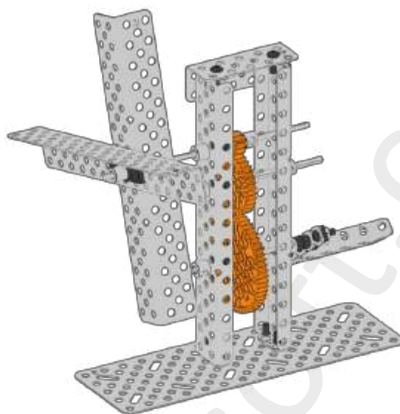


Kako se igrati automobilom

- Koristite kotače da namotate gumenu traku na stražnju osovinu.
- Okrenite kotač u smjeru suprotnom kazaljki na satu.
- Držite gumenu traku i vratilo te postavite šasiju na tlo.



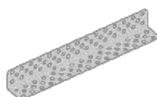
Projekt 2: Ventilator



Što će vam trebati?



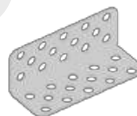
7,5"
Rektangularn
i
ploča
x1



7,5"
L-profil
x2



7,5"
U-greda
x2



2,5"
L-profil
x1



2,5"
Small Flexi
x1



2,5"
U-greda
x1



podloške
x11



Zaključavanje
osovine
x10



Spajke s
3 rupe x2



5,5"
osovina x1



3,5"
Osovina
x2



Veliki
zupčanik x1



Srednji
krenuti
zupčanik x1



Mali
zupčanik x1

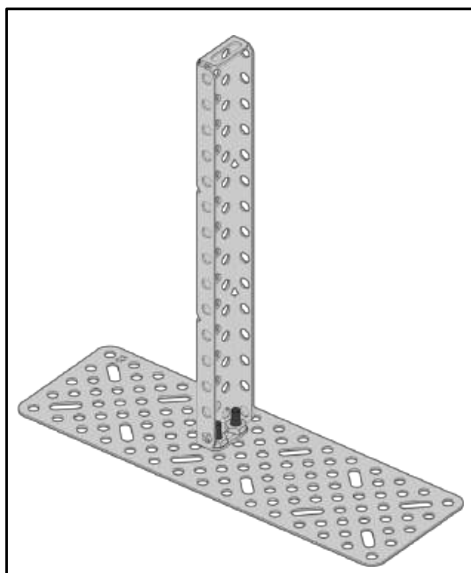
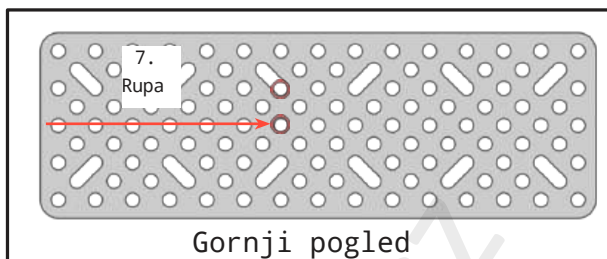
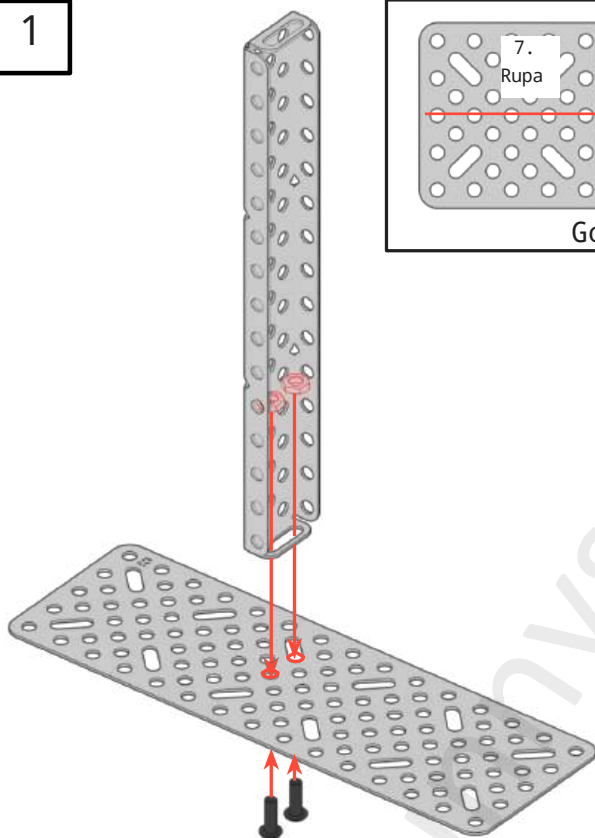


12 mm vijci x
14

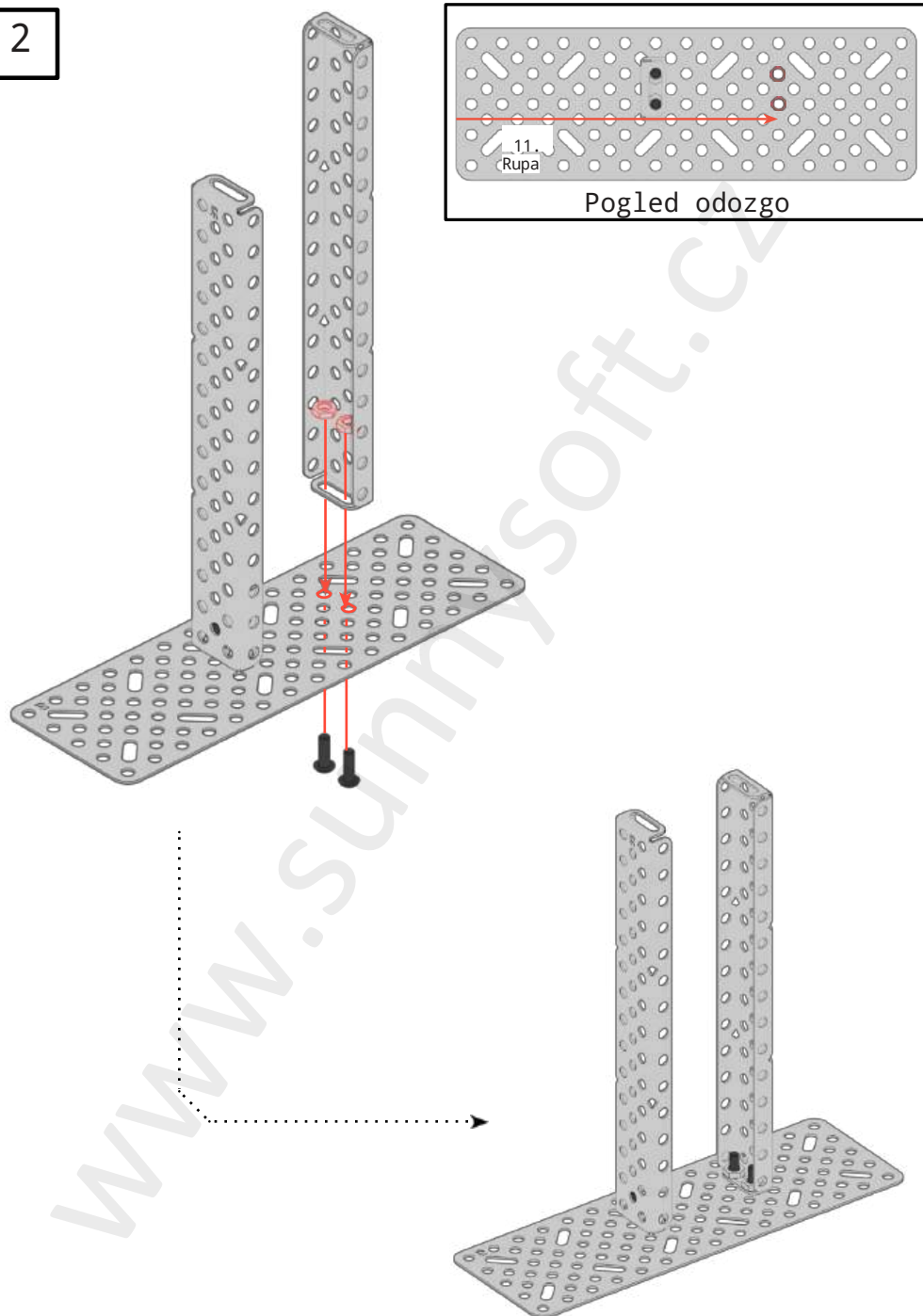


matica
x14

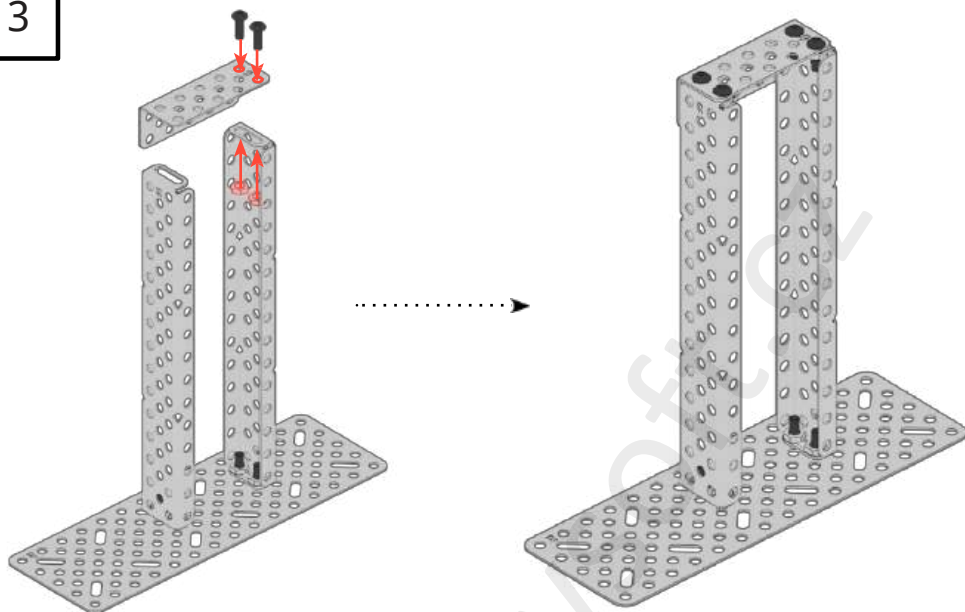
1



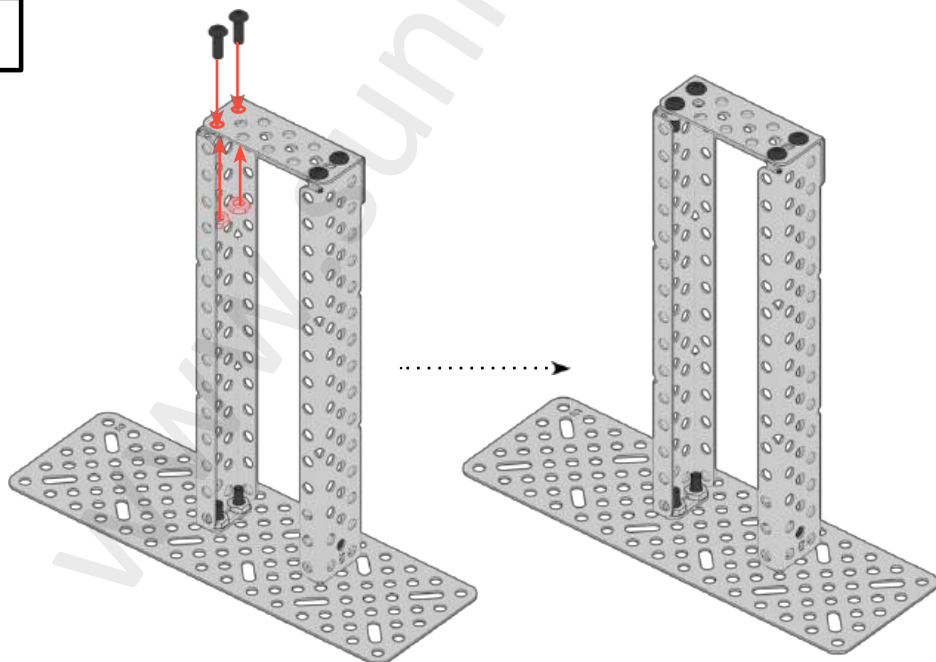
2

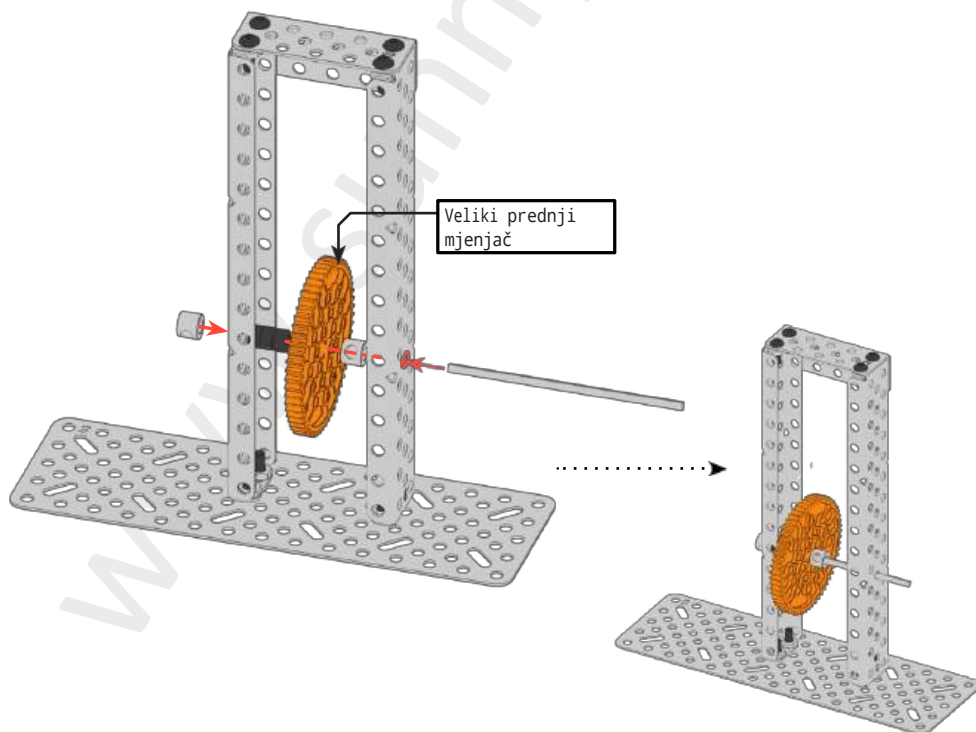
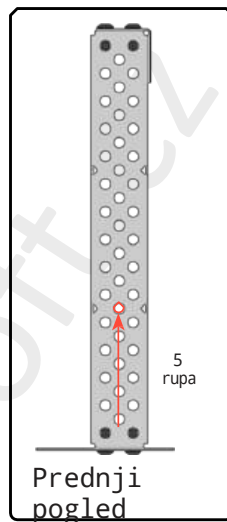
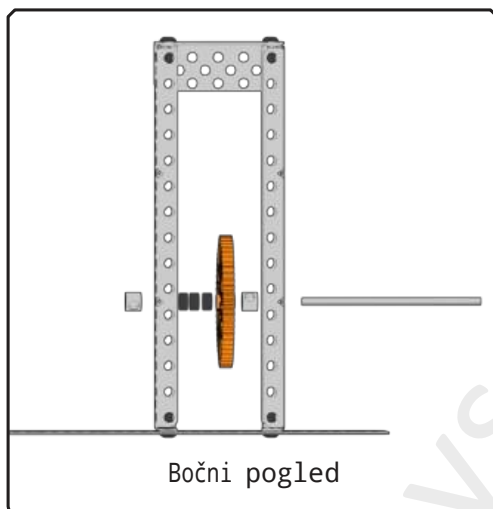


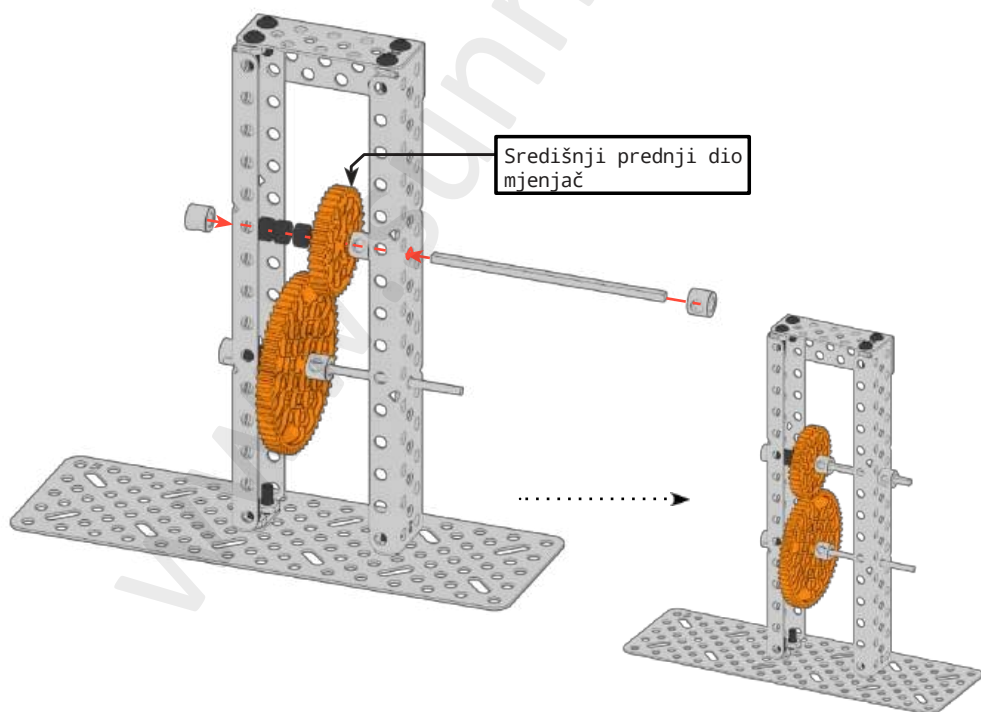
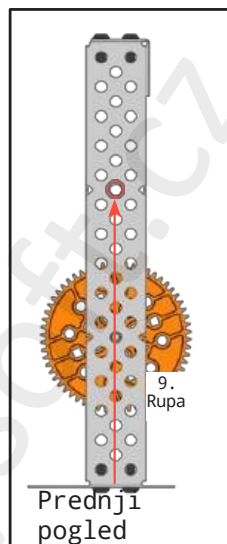
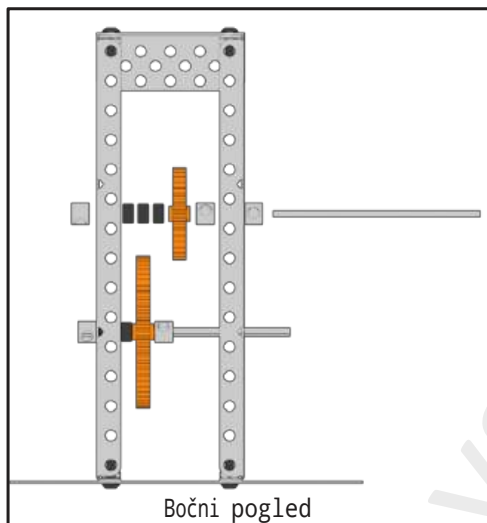
3



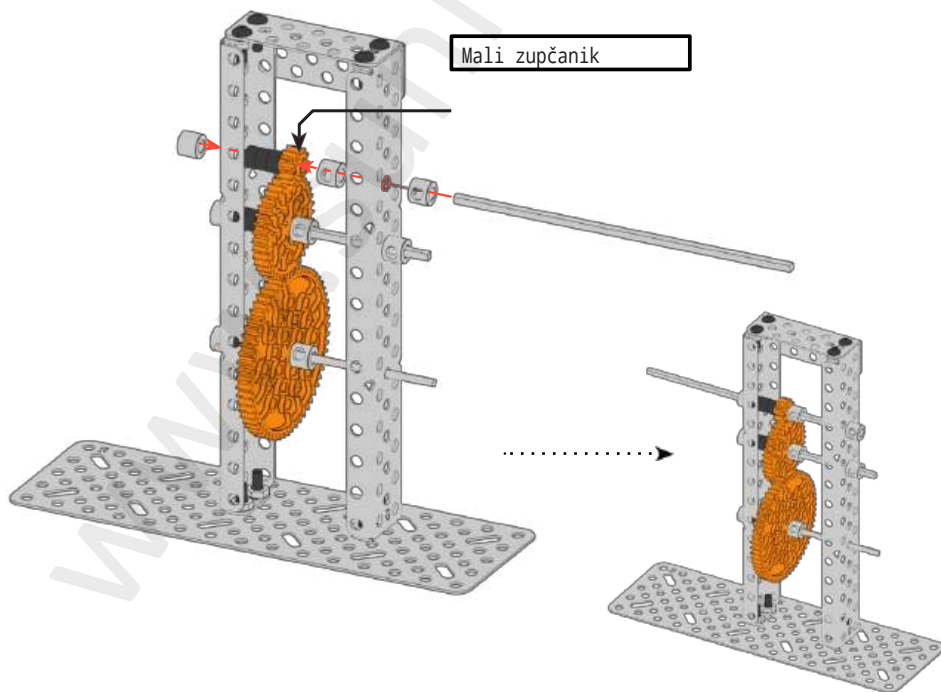
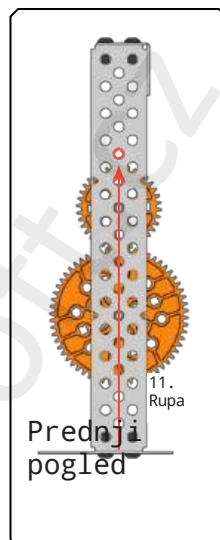
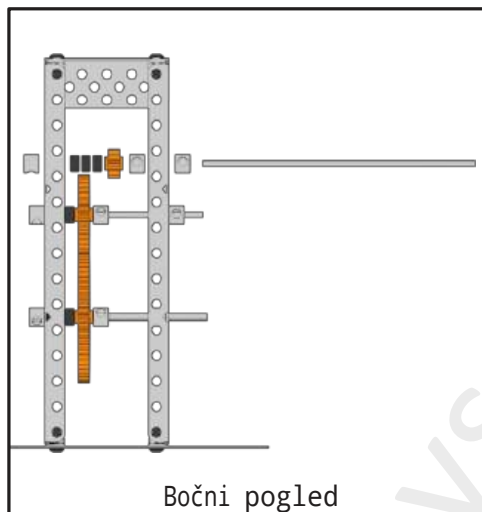
4

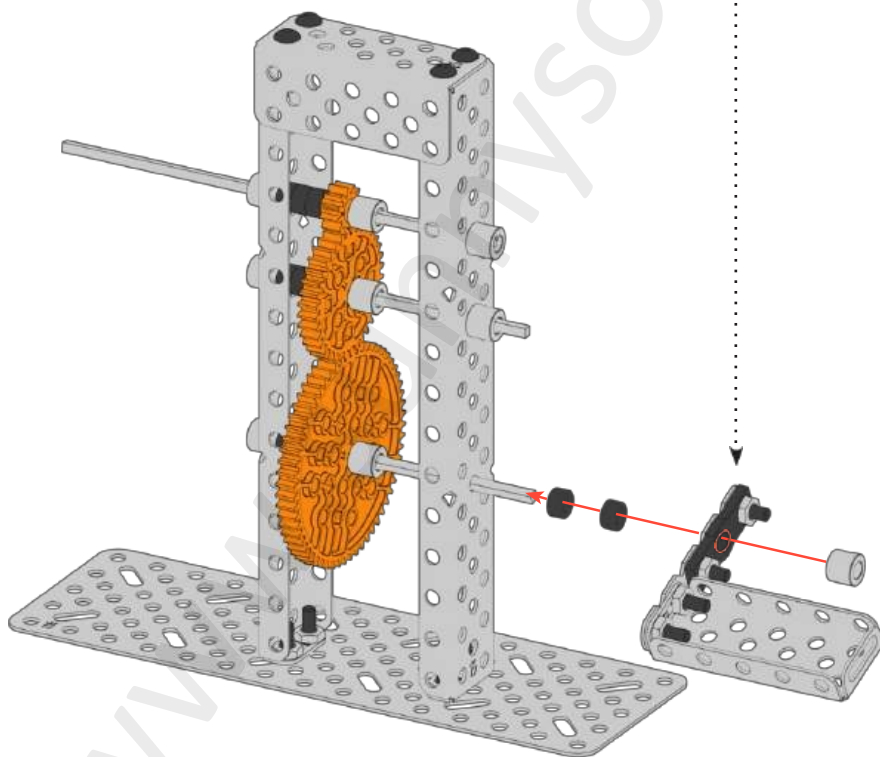
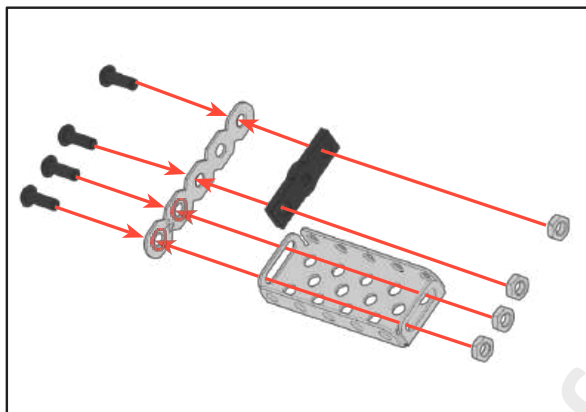




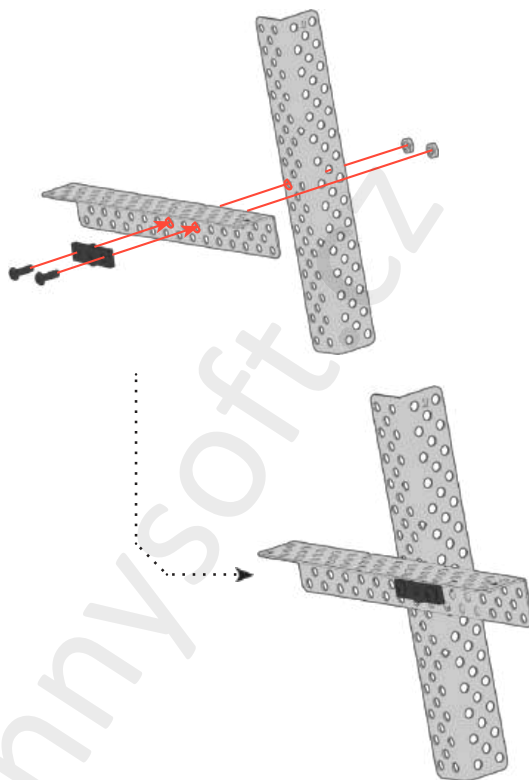
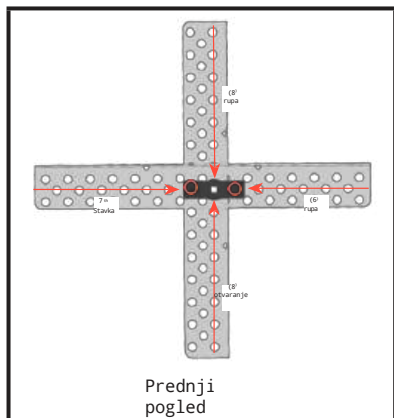


7

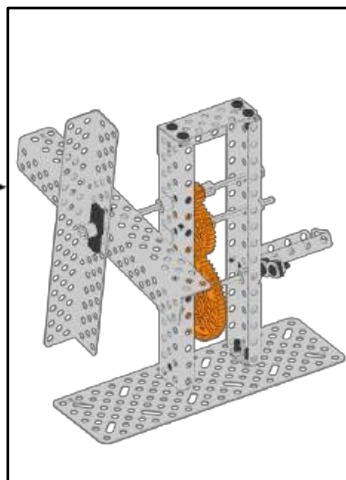
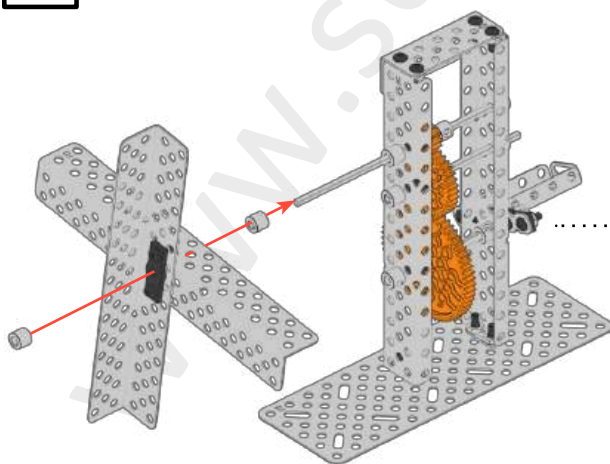




9

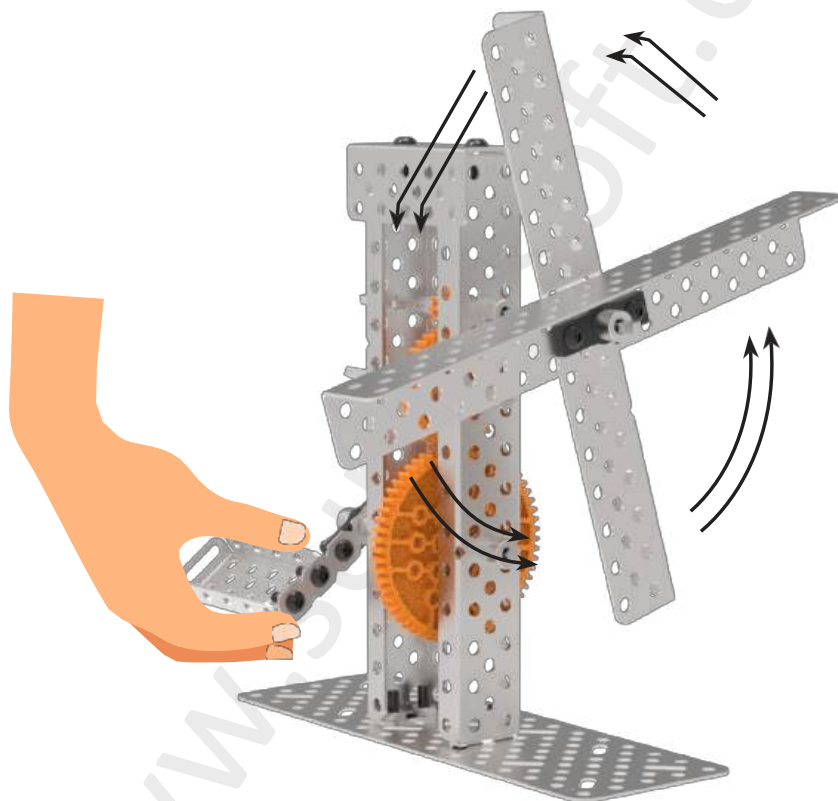


10

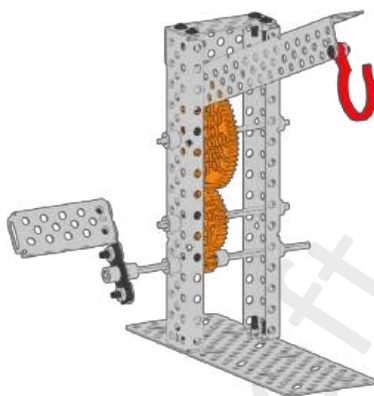


Kako se igrati s ventilatorom

- Koristite polugu/ručku za okretanje ventilatora.



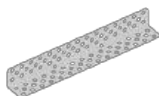
Projekt 3: Viličar



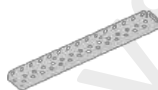
Što će vam trebati



7,5"
Pravokutna ploča x1



7,5"
L-profil x1



7,5"
U-profil
x2



2,5"
L-profil x1



2,5"
Mali Flexi x1



2,5"
U-greda
x1



5,5" osovina
x1



3,5"
Osovina
x2



Konektori s
3 rupe x1



Veliki prednji
zupčanik x1



Središnji
prednji
zupčanik x1



Mali zupčanik
lančanik x1



Bravica na
osovinu
x11



punjač
x9



Matice
x15

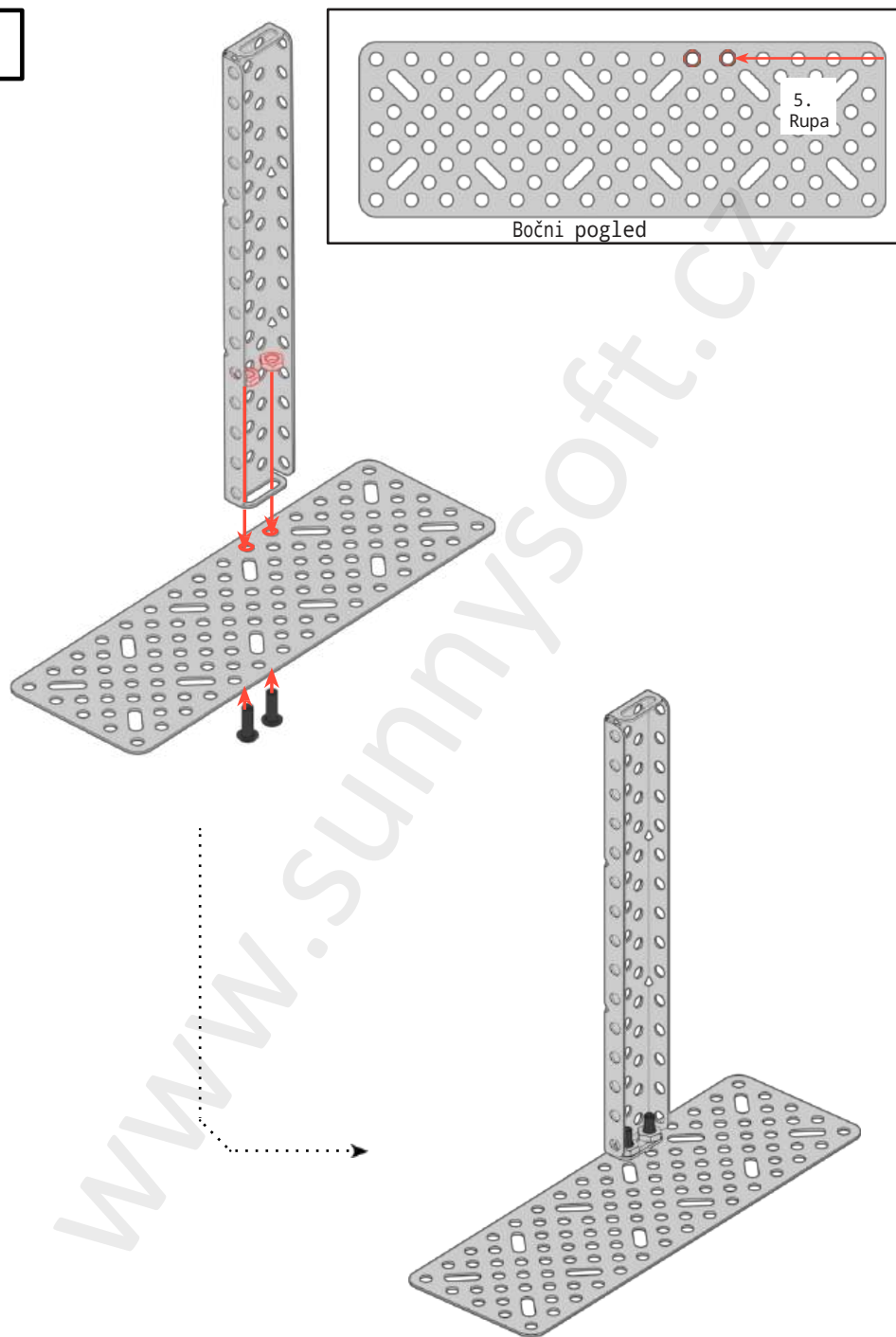


12 mm vijci
x15

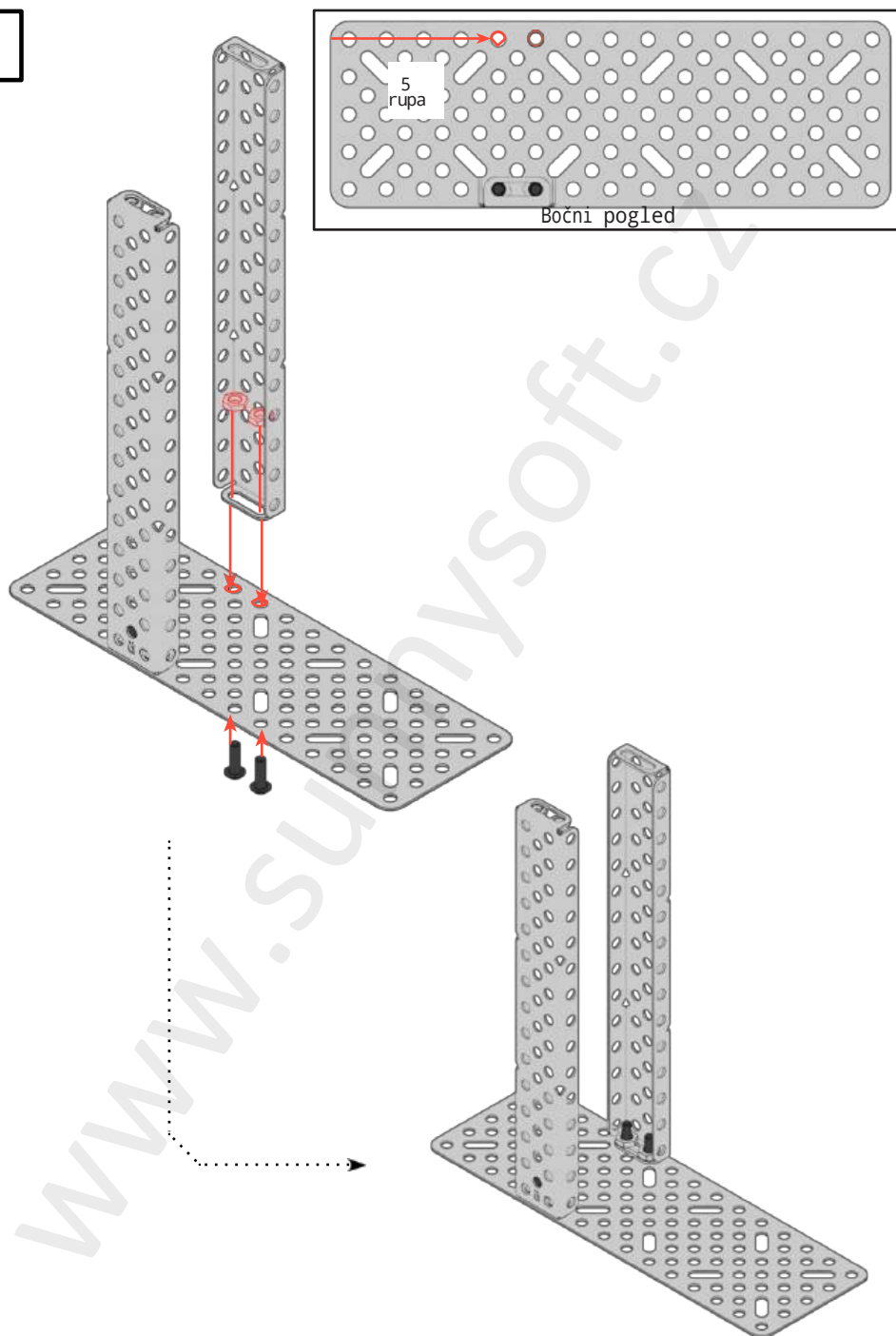


plastična kuka
x1

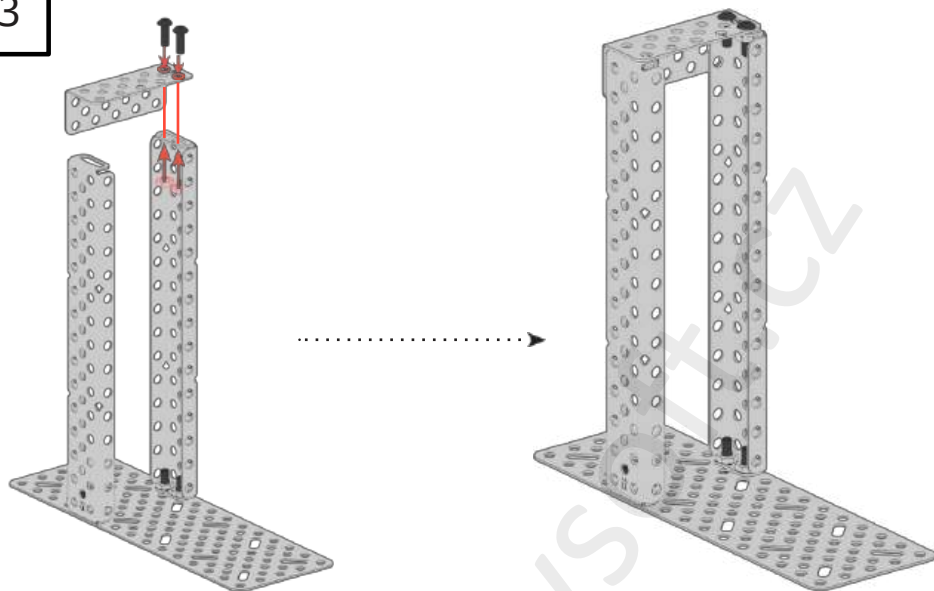
1



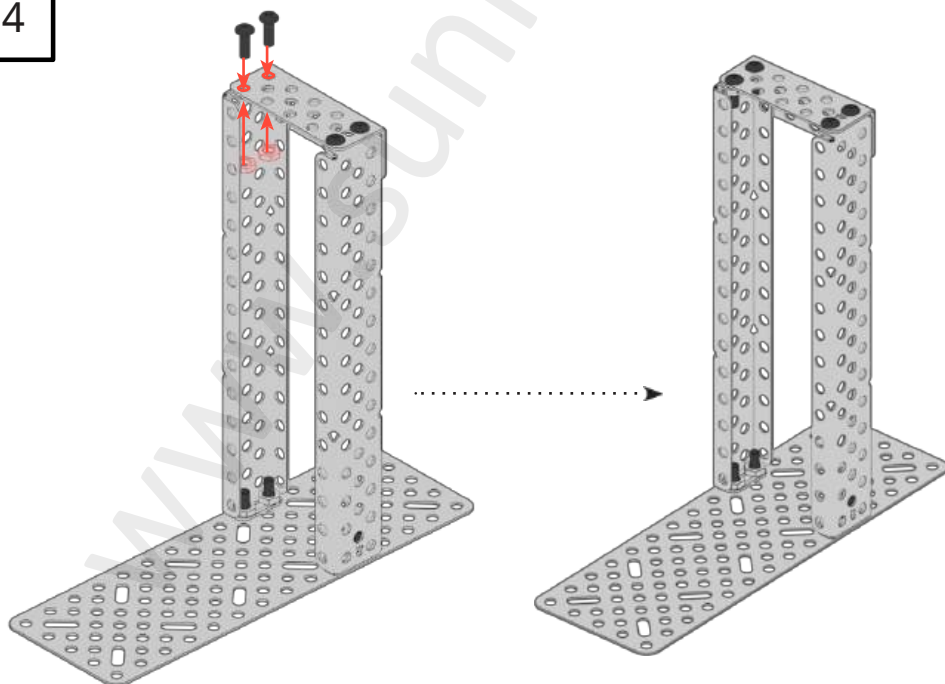
2



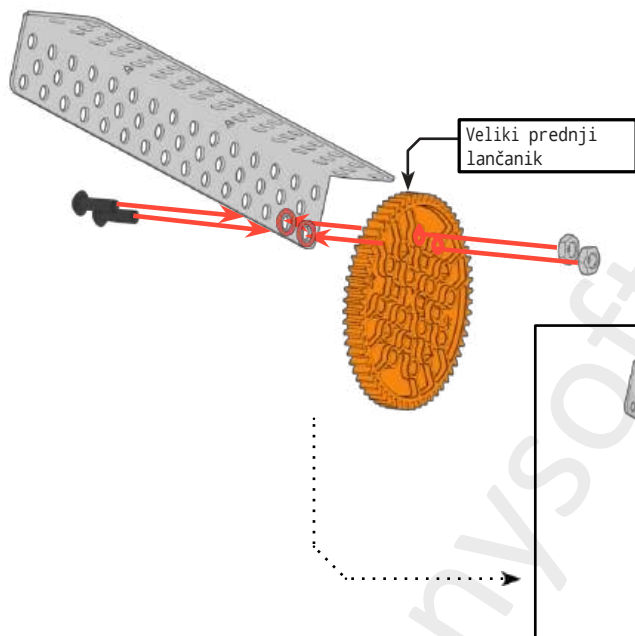
3



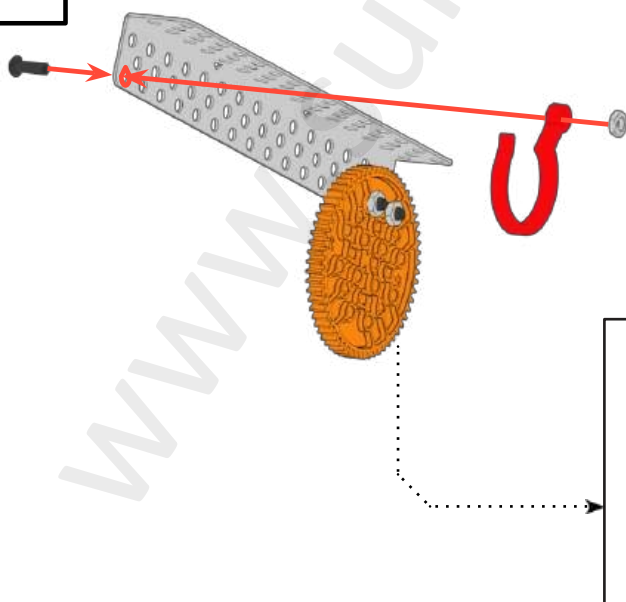
4

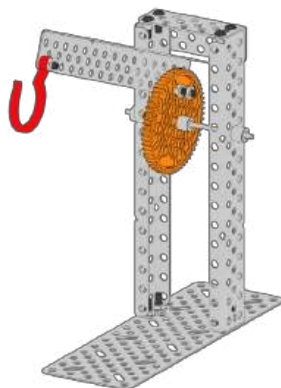
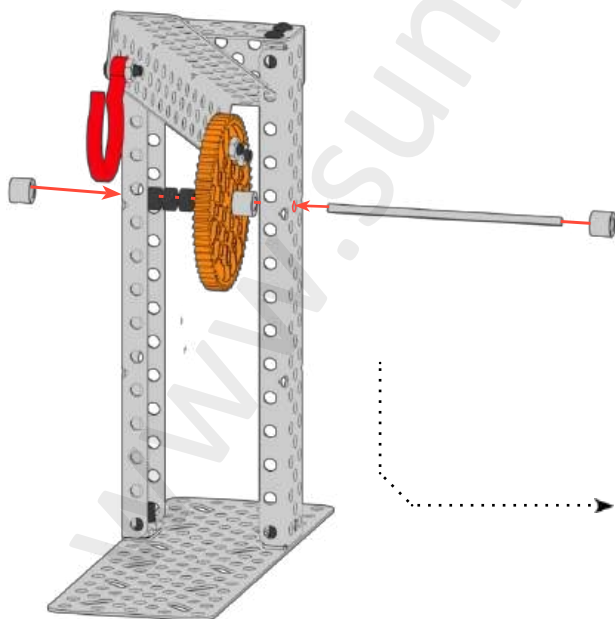
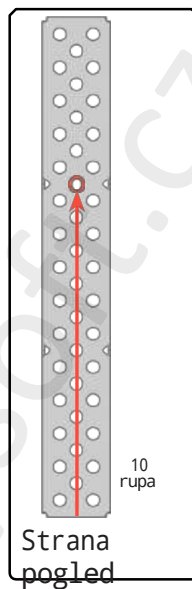
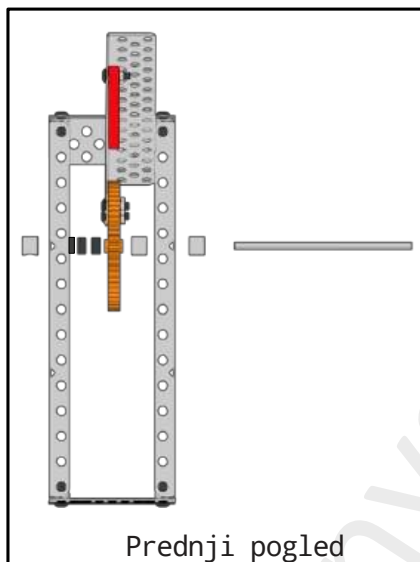


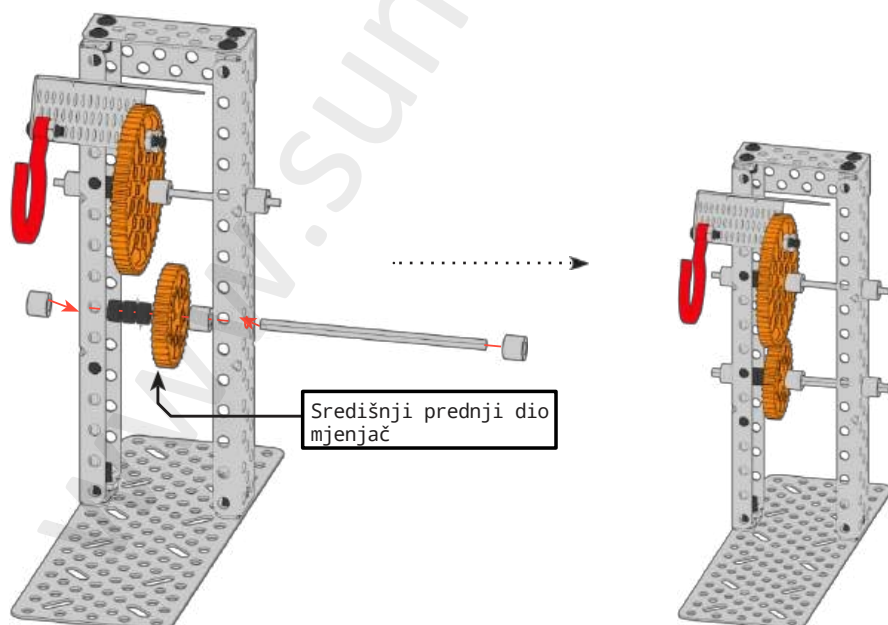
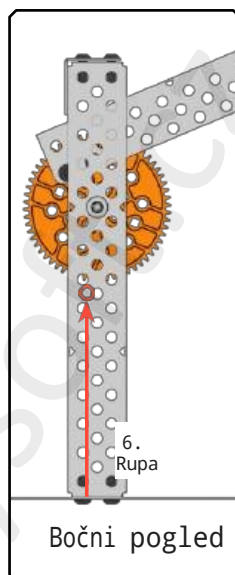
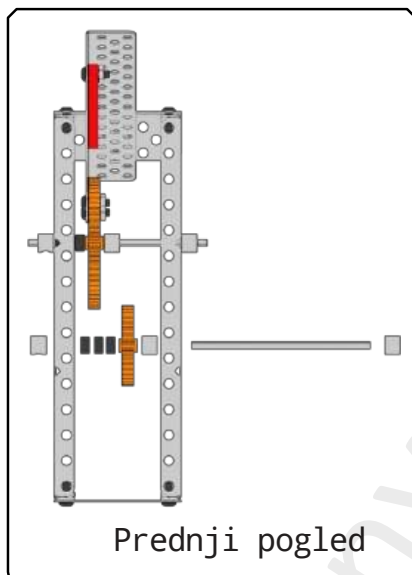
5



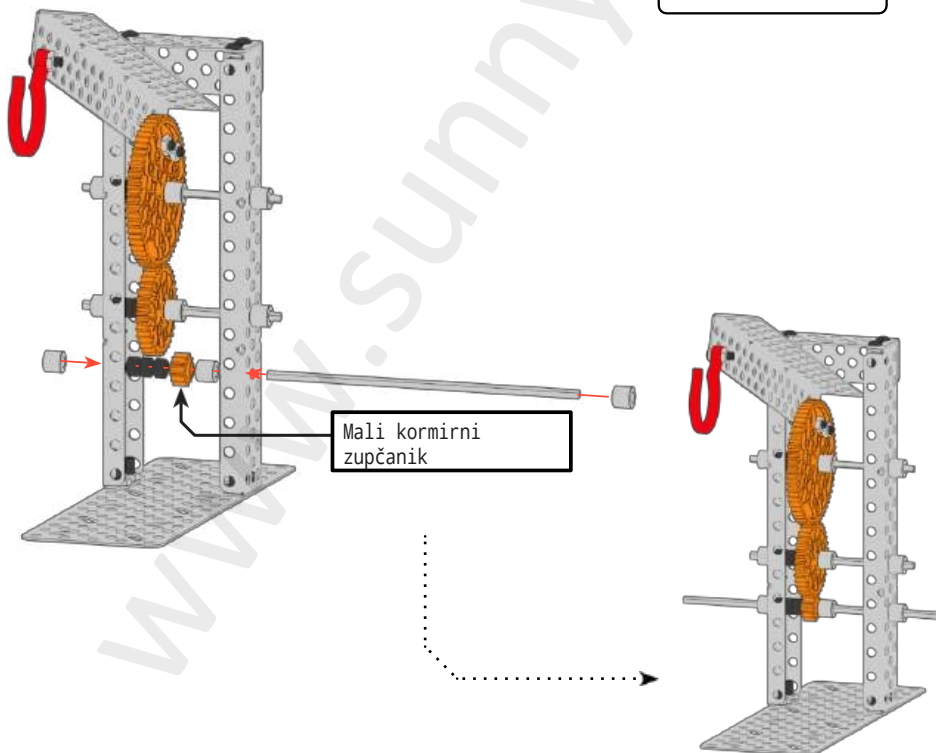
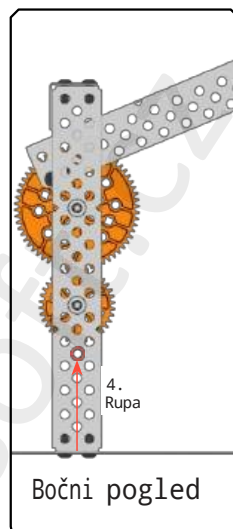
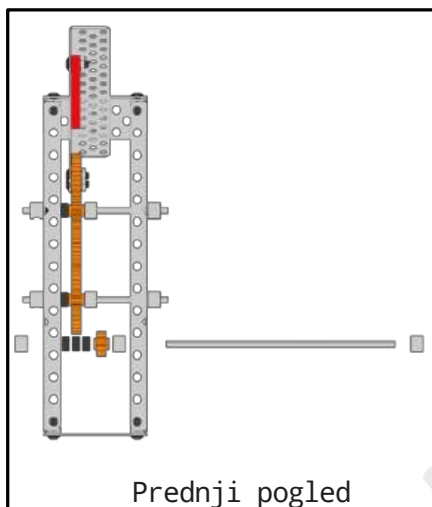
6



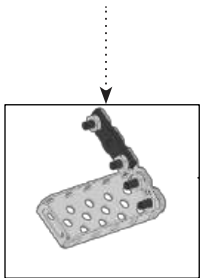




9

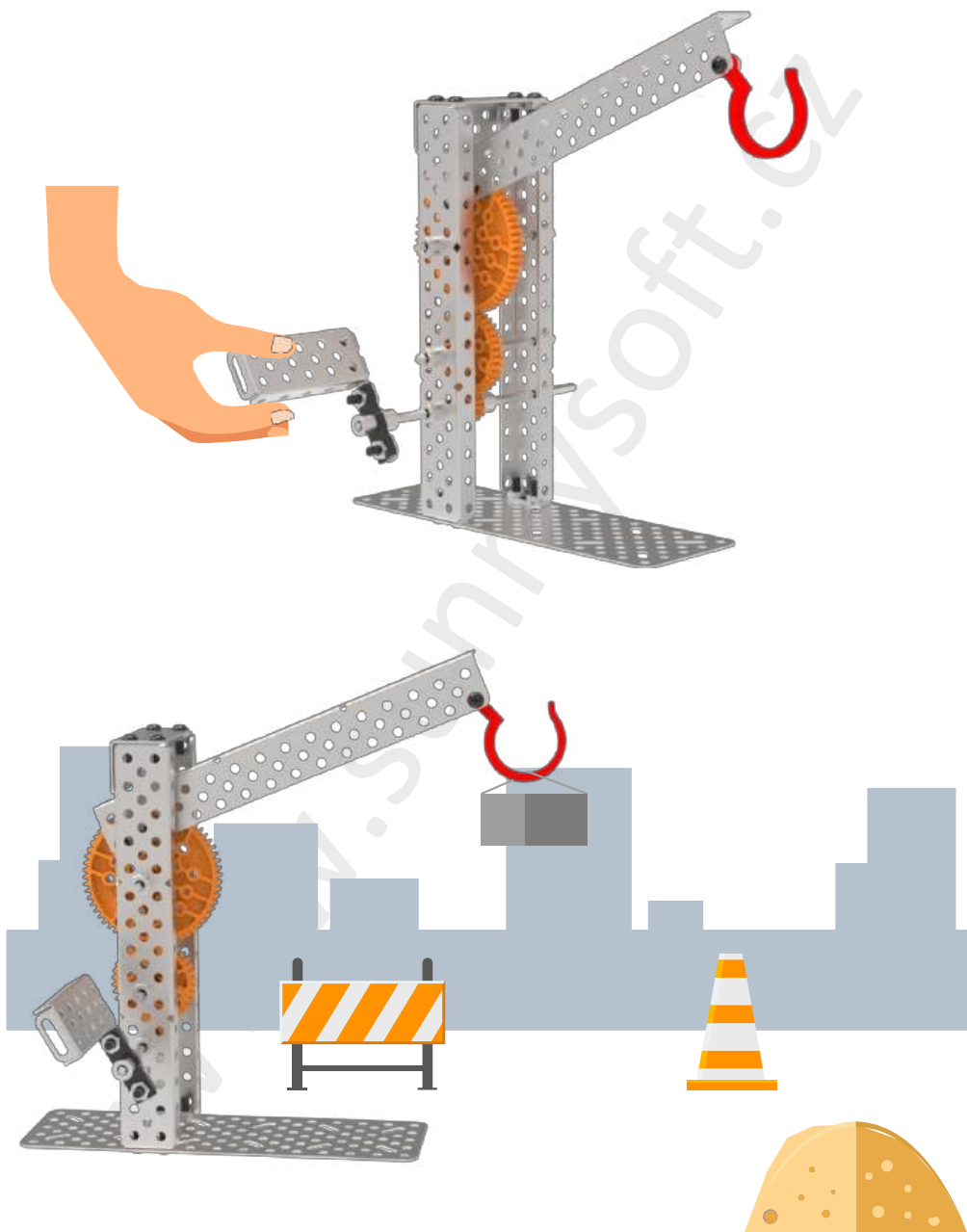


8

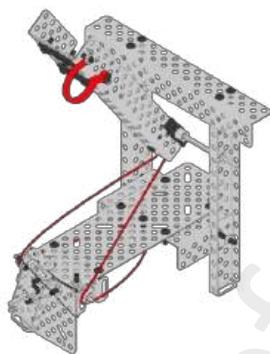


Kako se igrati s dizalicom

- Okrenite polugu/ručku kako biste podigli predmet i kran.



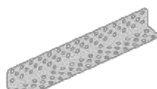
Projekt 4: Katapult



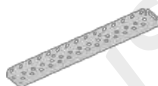
Što će vam trebati?



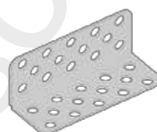
7,5"
Rektangularn
i ploča
x1



7,5"
L-profilni kanal
x2



7,5"
U-greda
x2



2,5"
L-profilni kanal
x3



2,5"
Fleksibilni
x1



2,5"
U-greda
x3



Punjači x1



Bravica
osovine x9



Sponovi s
3 rupe x5



5,5"
osovina x1



3,5" nosač x2



2,5"
L-profil x1



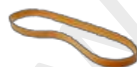
12 mm vijci
x31



matica
x31



Plastici kukica
x1

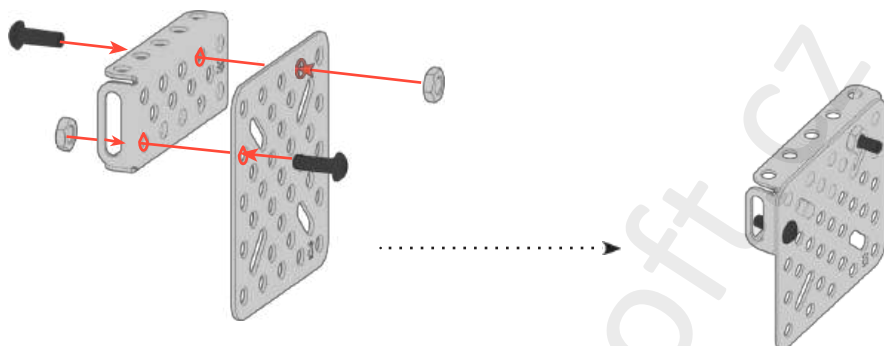


Velika gumena
traka
x1

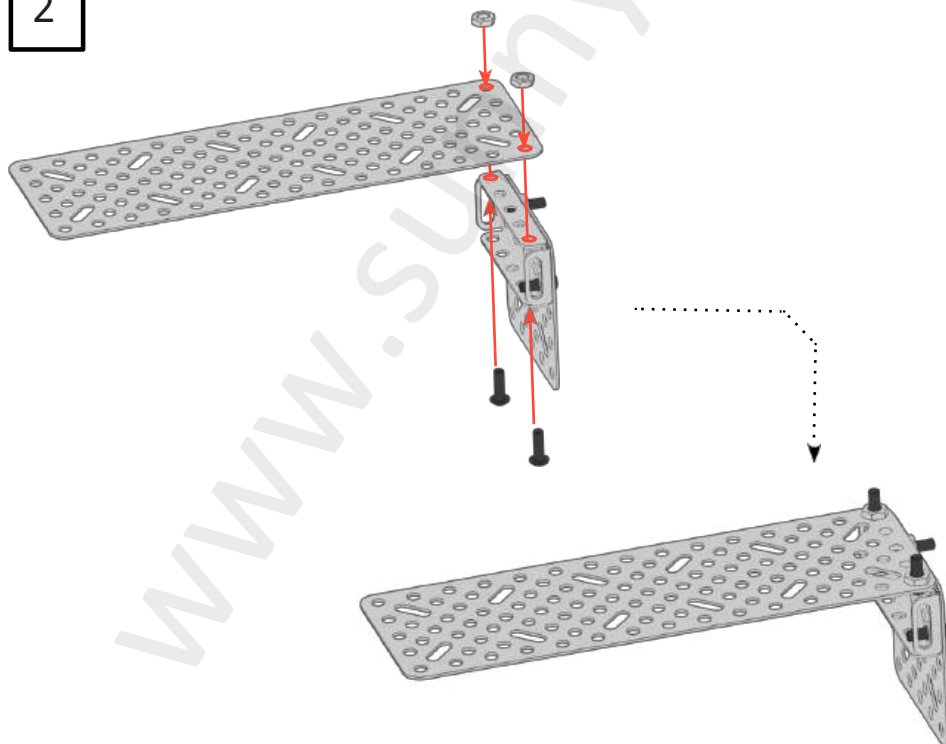


Mala gumena traka
x1

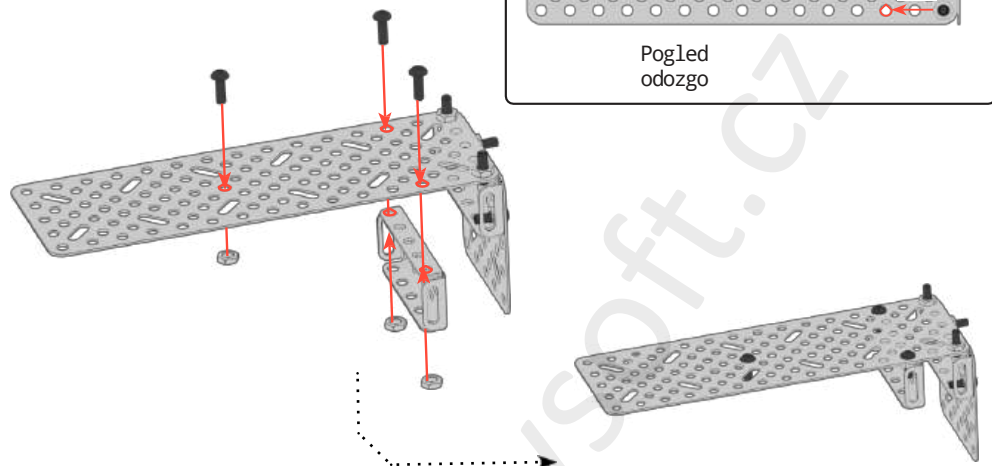
1



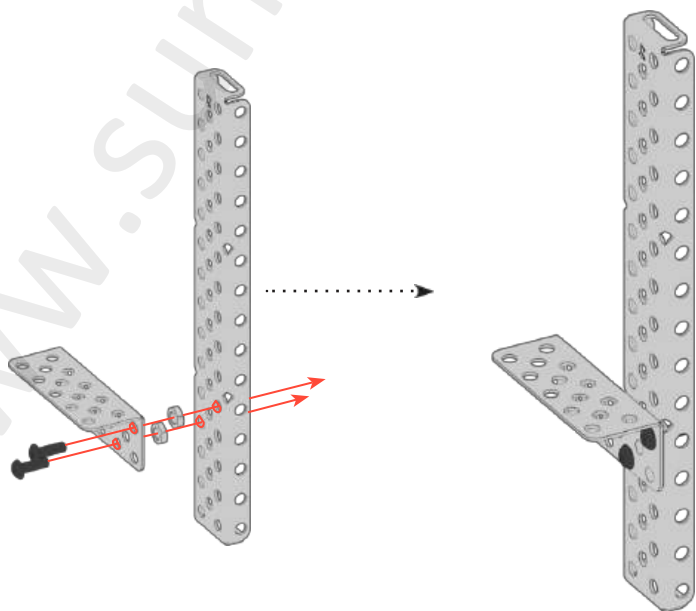
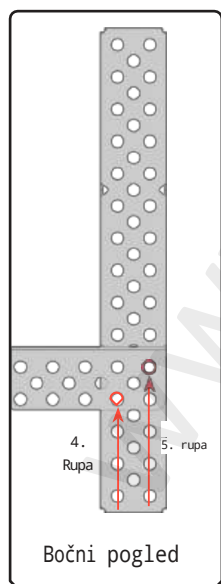
2

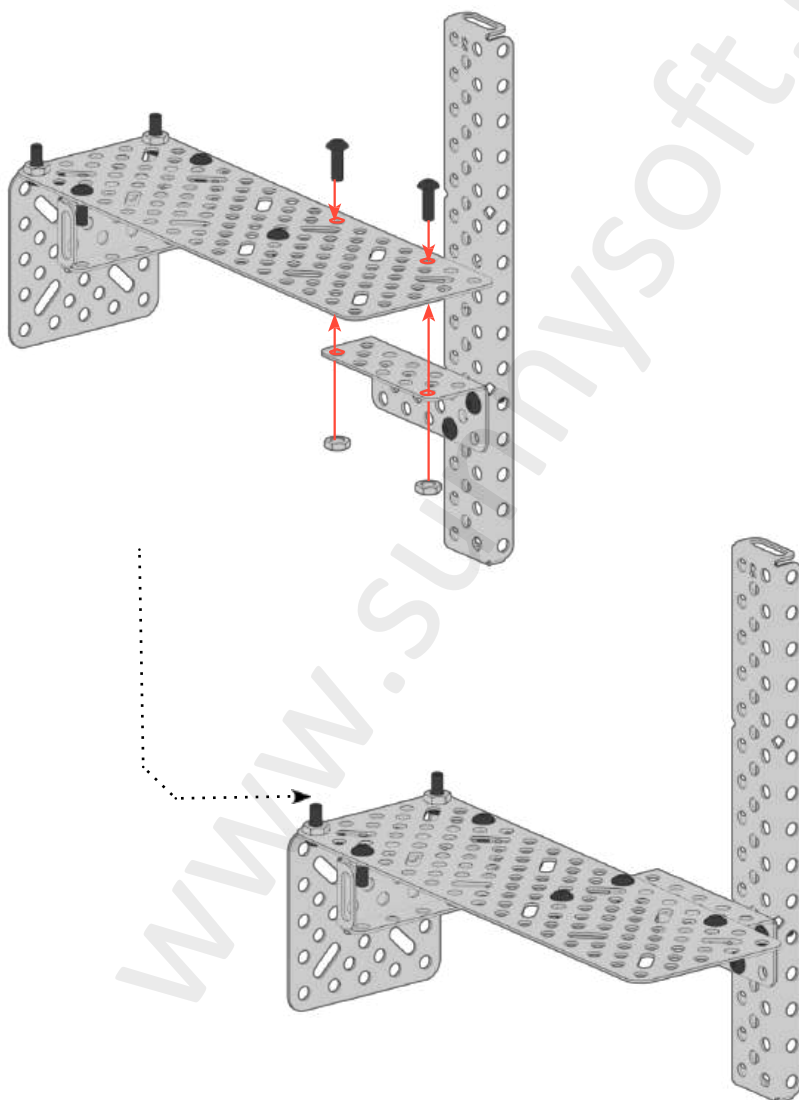
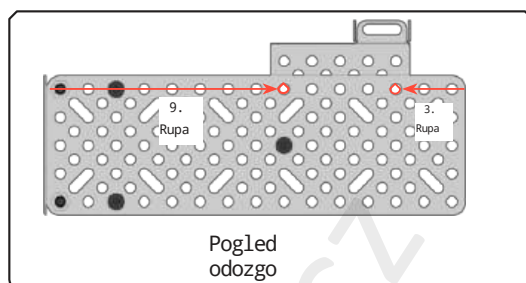


3

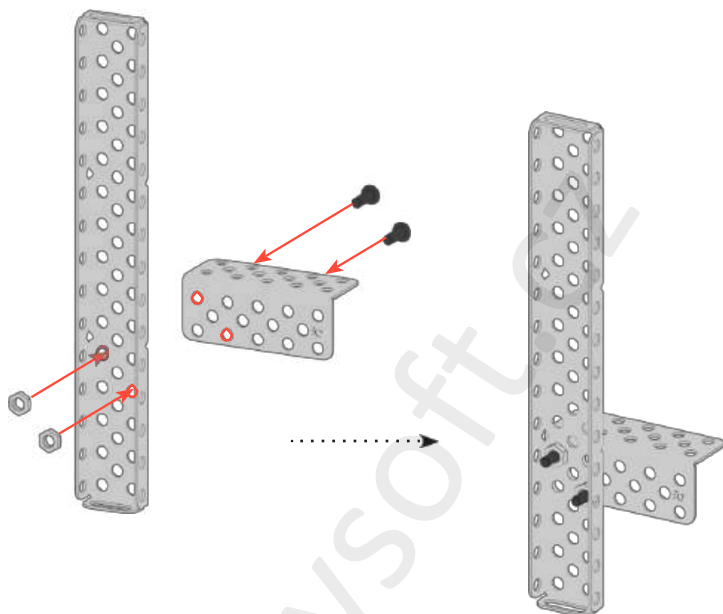
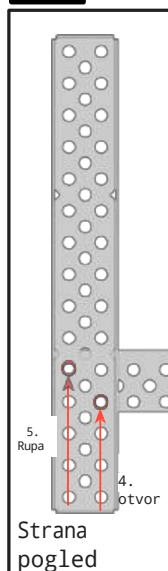


4

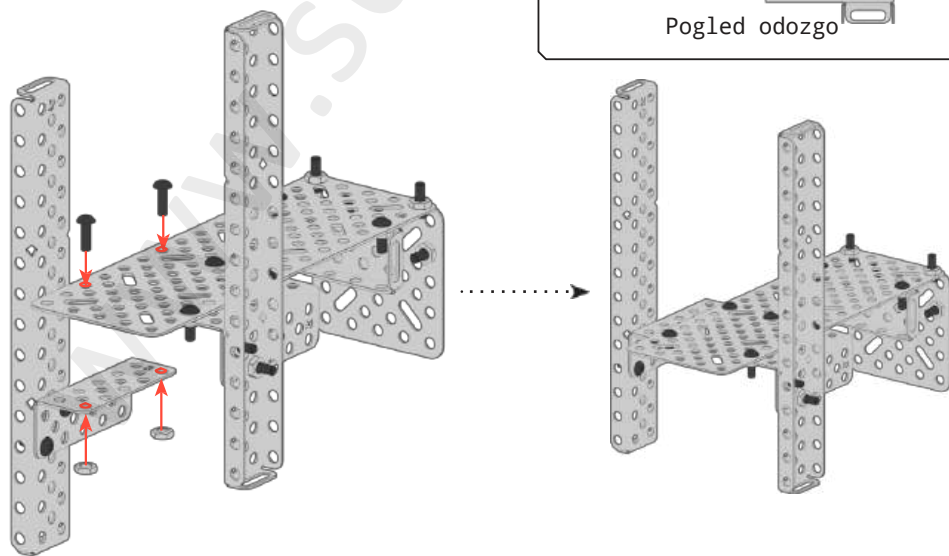
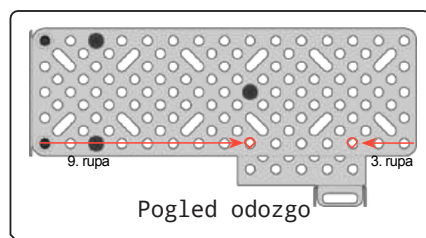




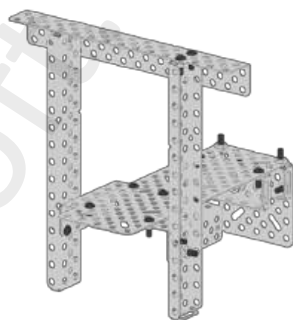
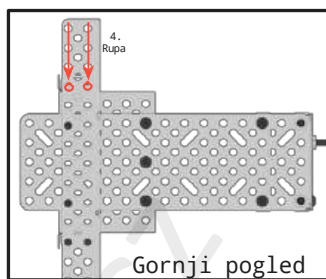
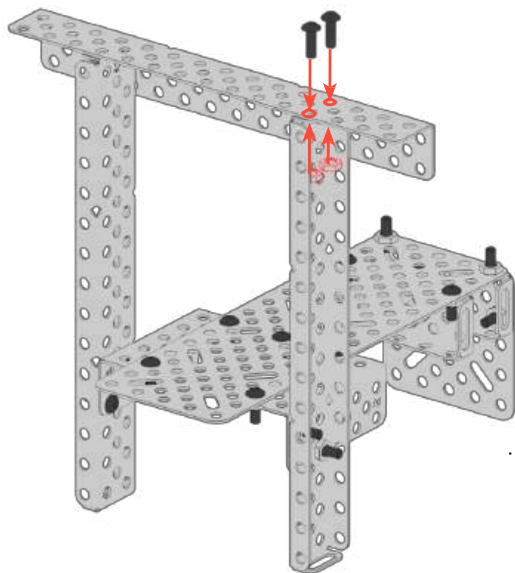
6



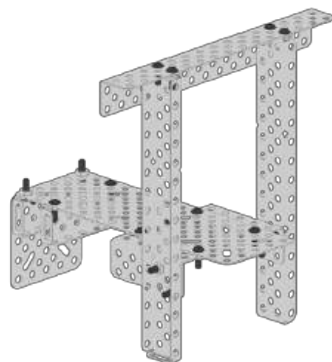
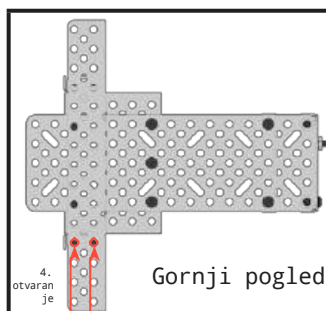
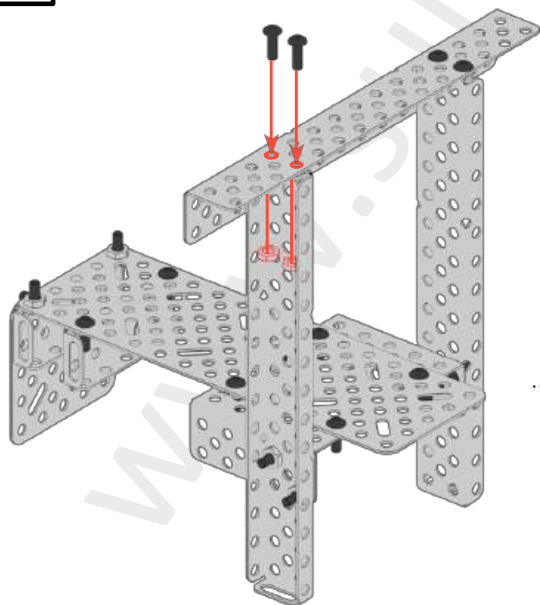
7



8

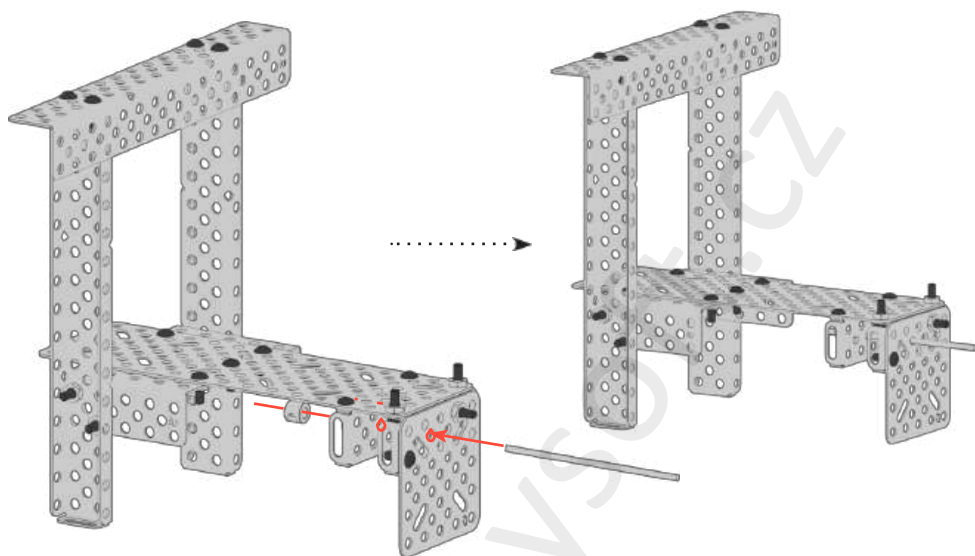


9



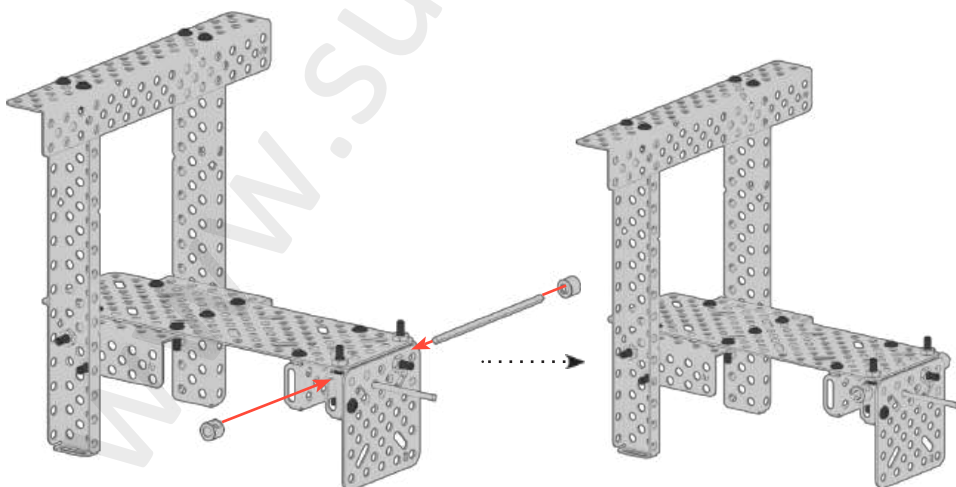
10

Osovina 1:1 3,5

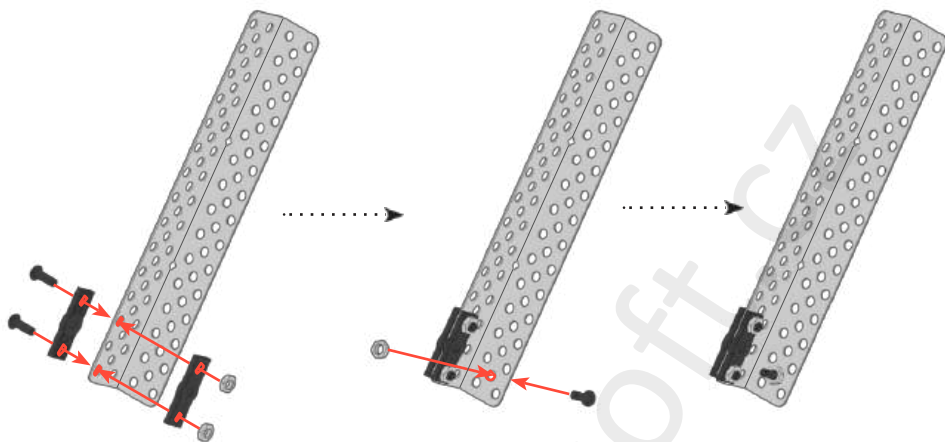


11

Omjer osovine 1:1 3,5

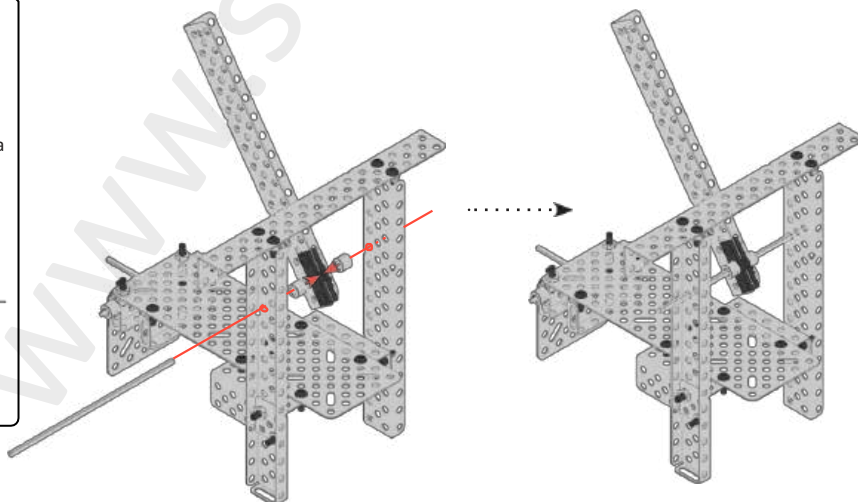
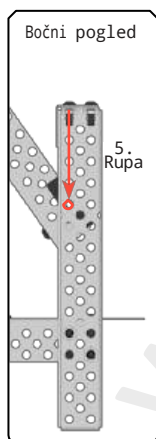


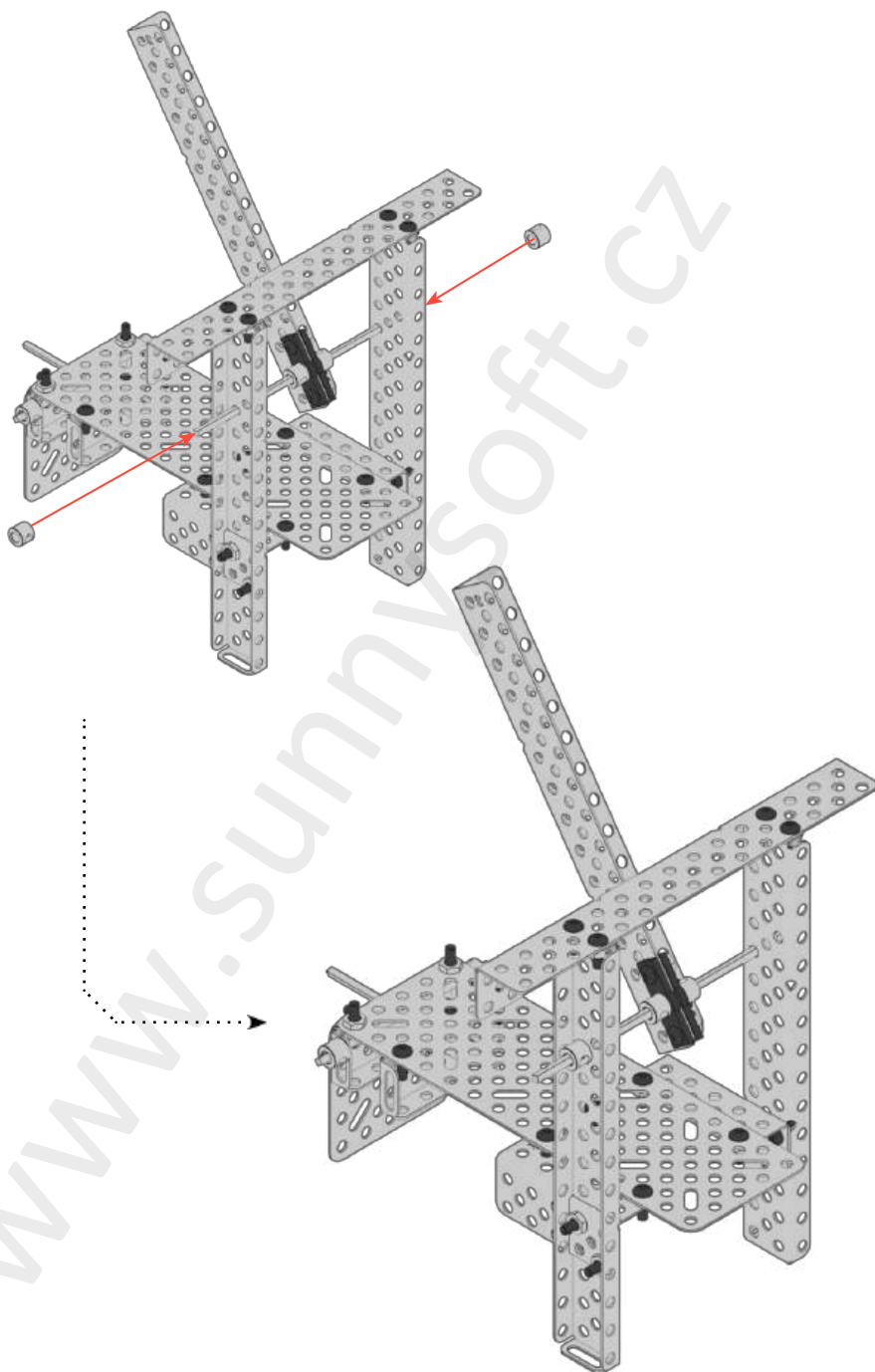
12



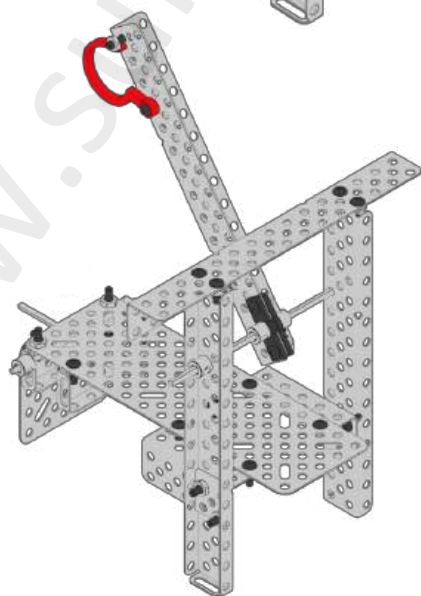
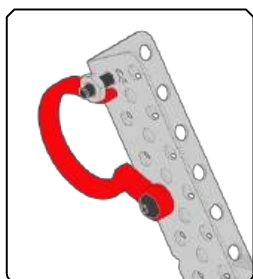
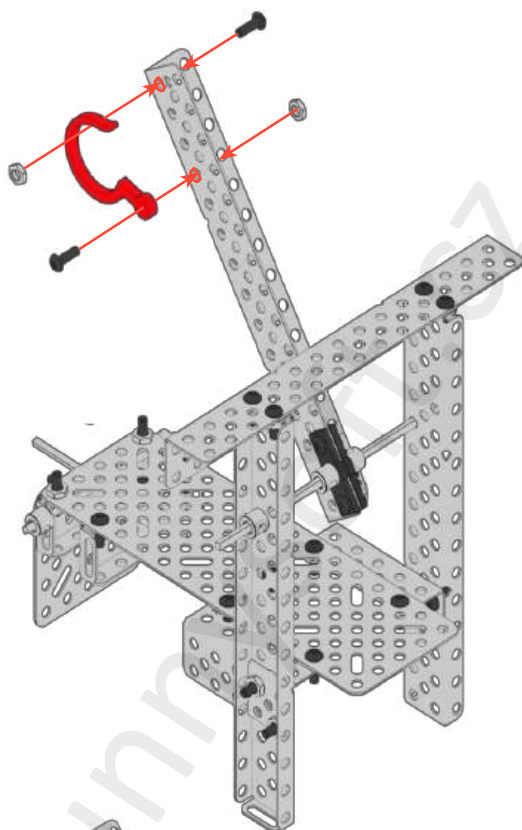
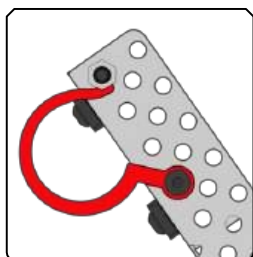
Omjer osovine: 1 5.5

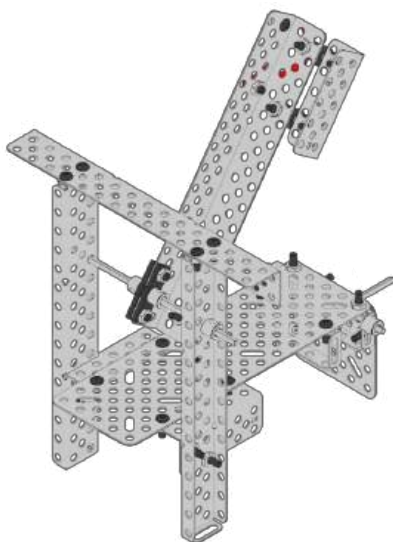
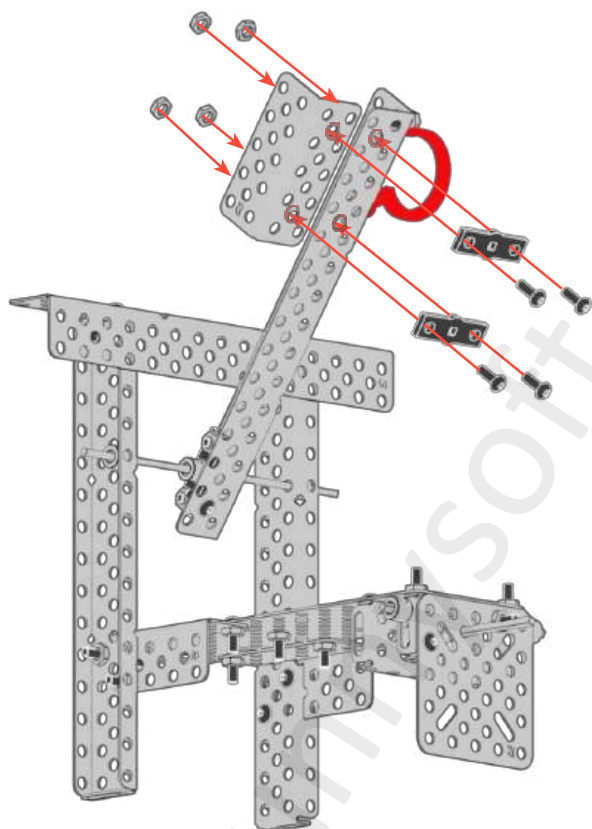
13

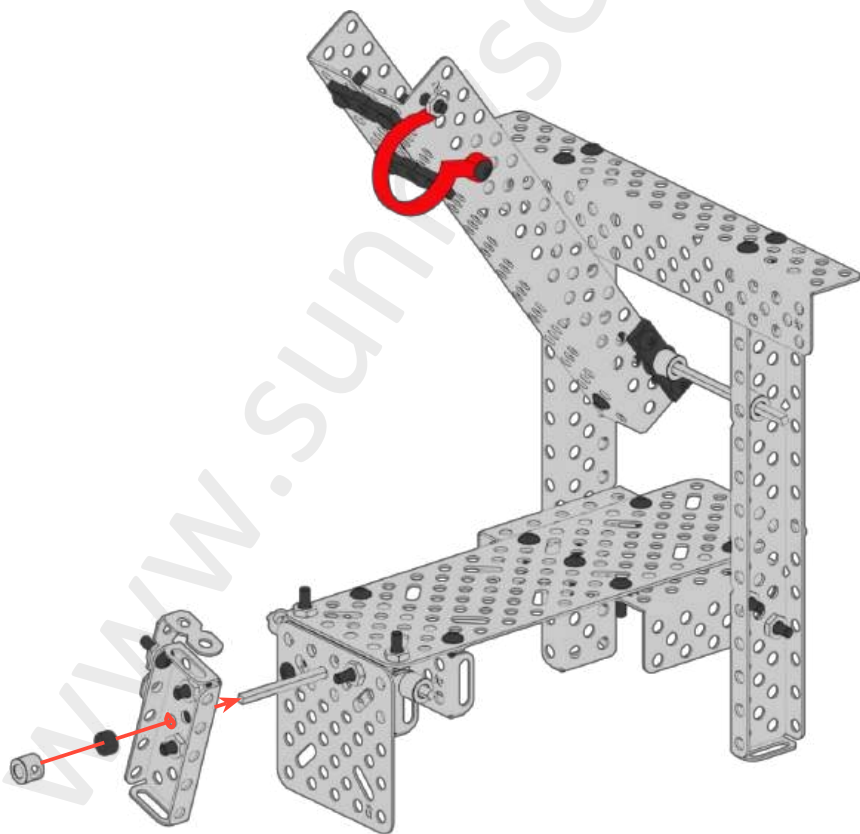
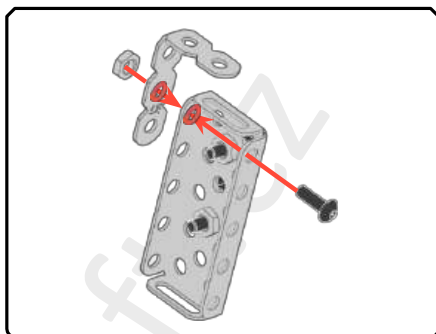
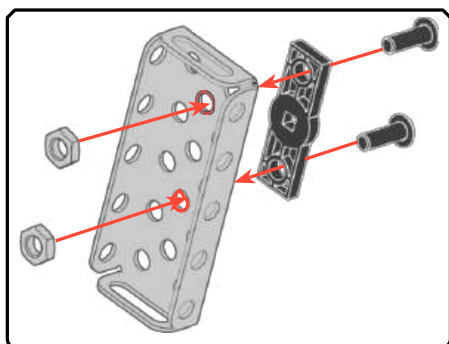




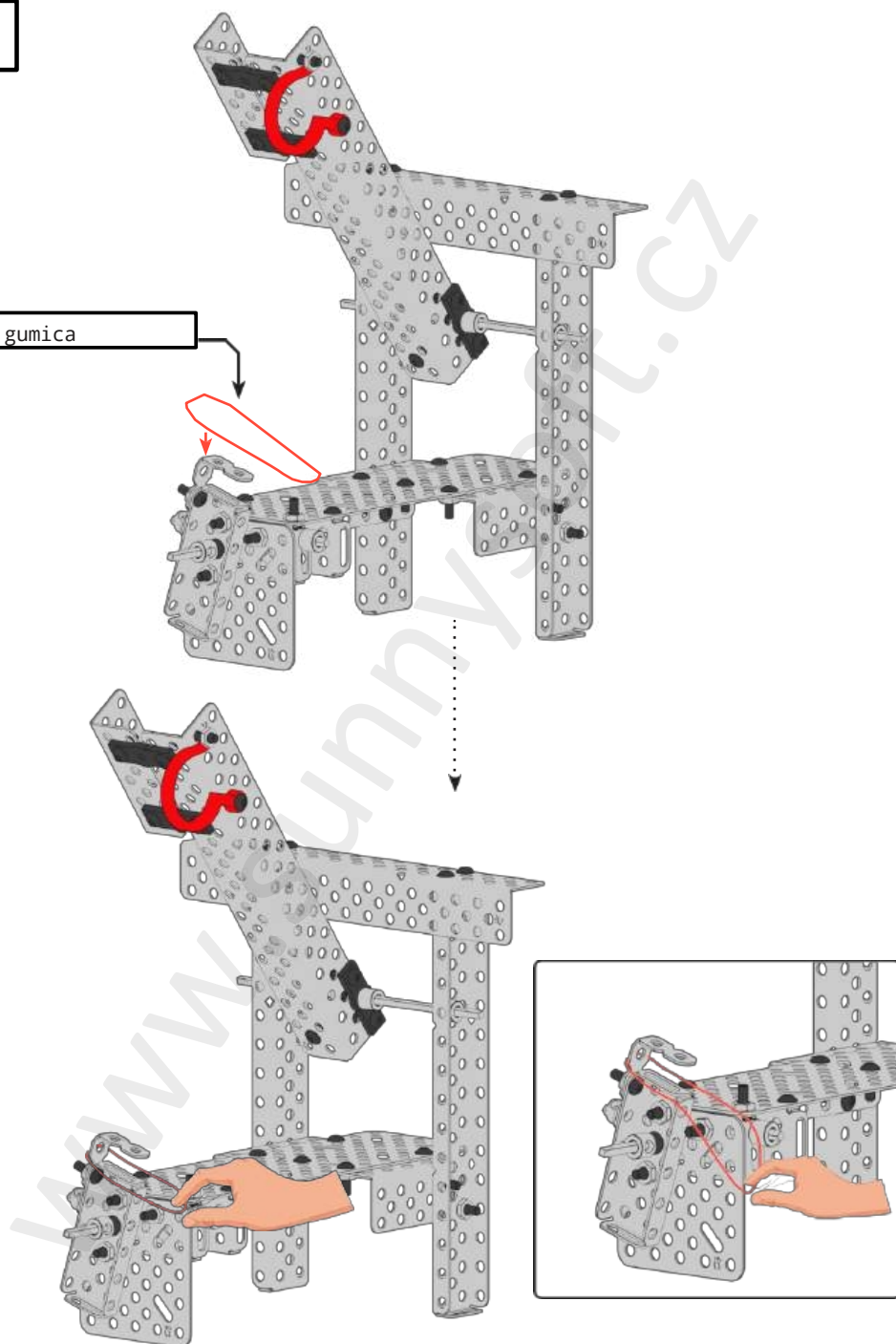
15

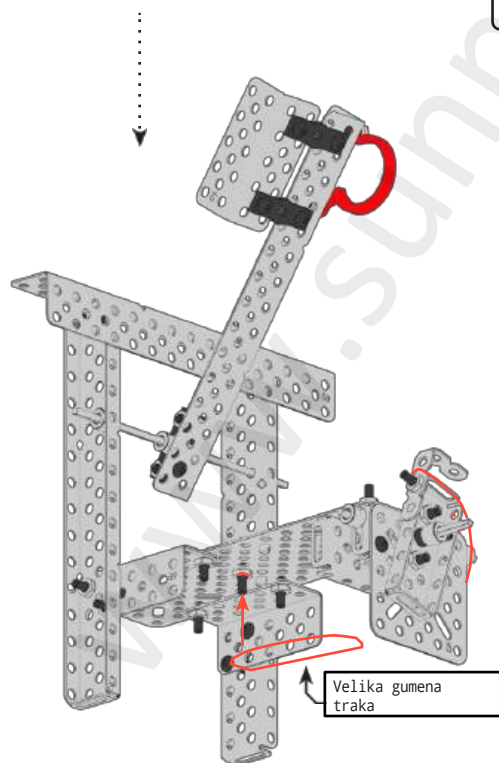
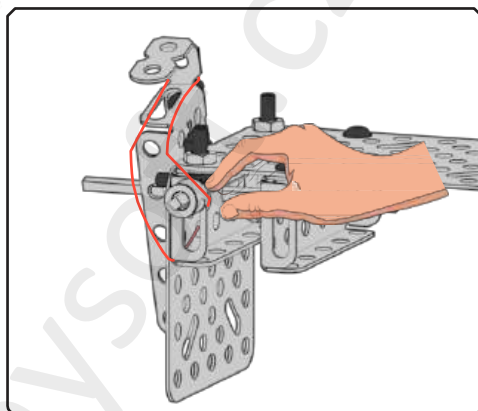
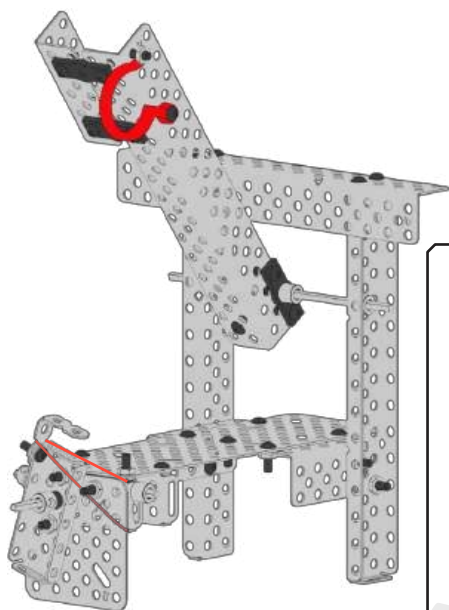




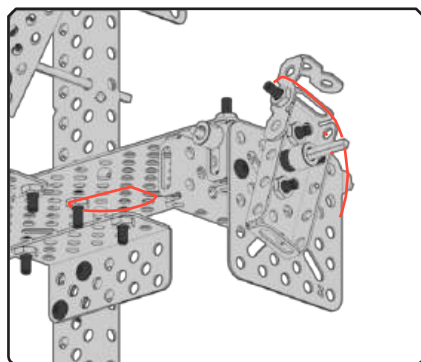


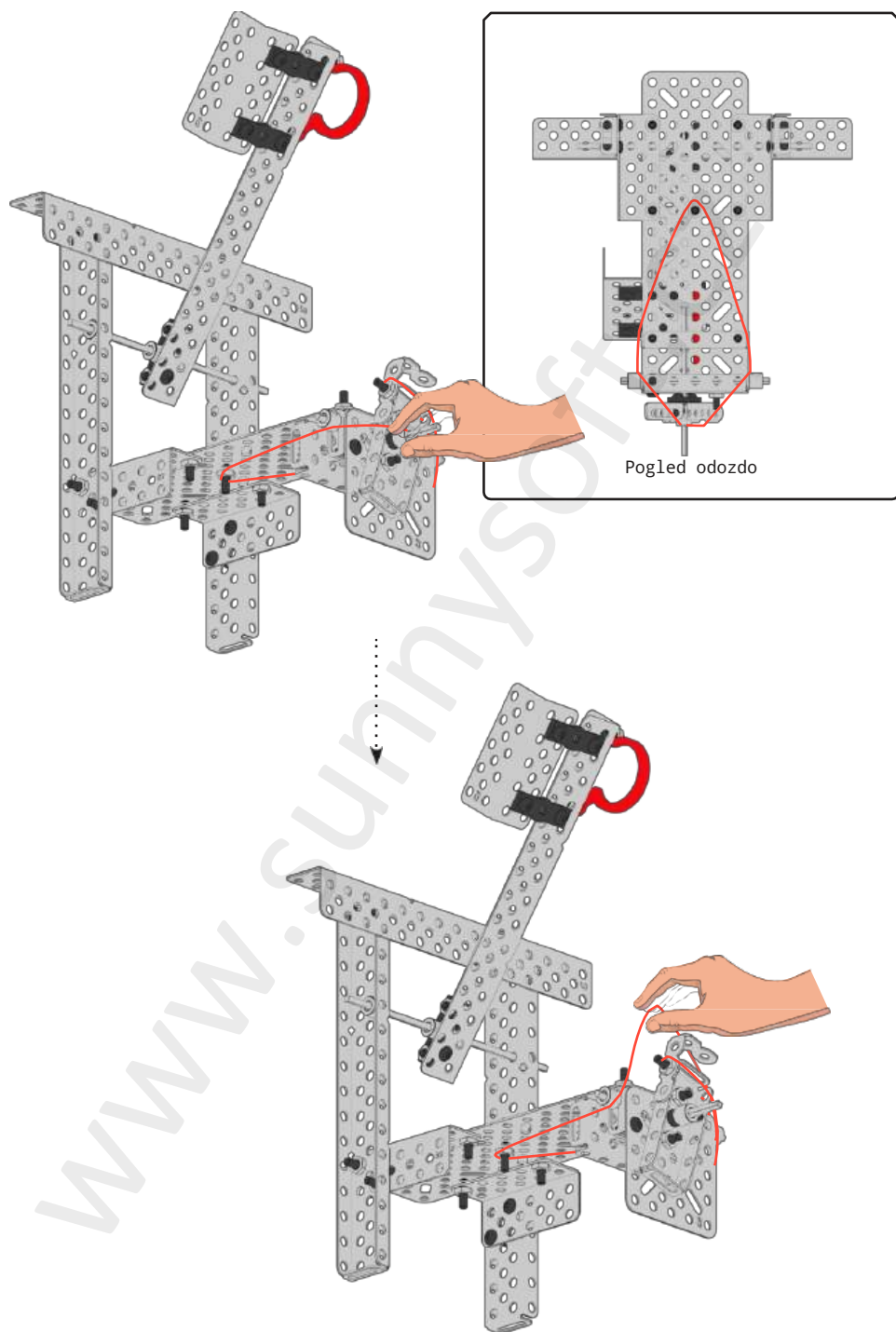
Mala gumica

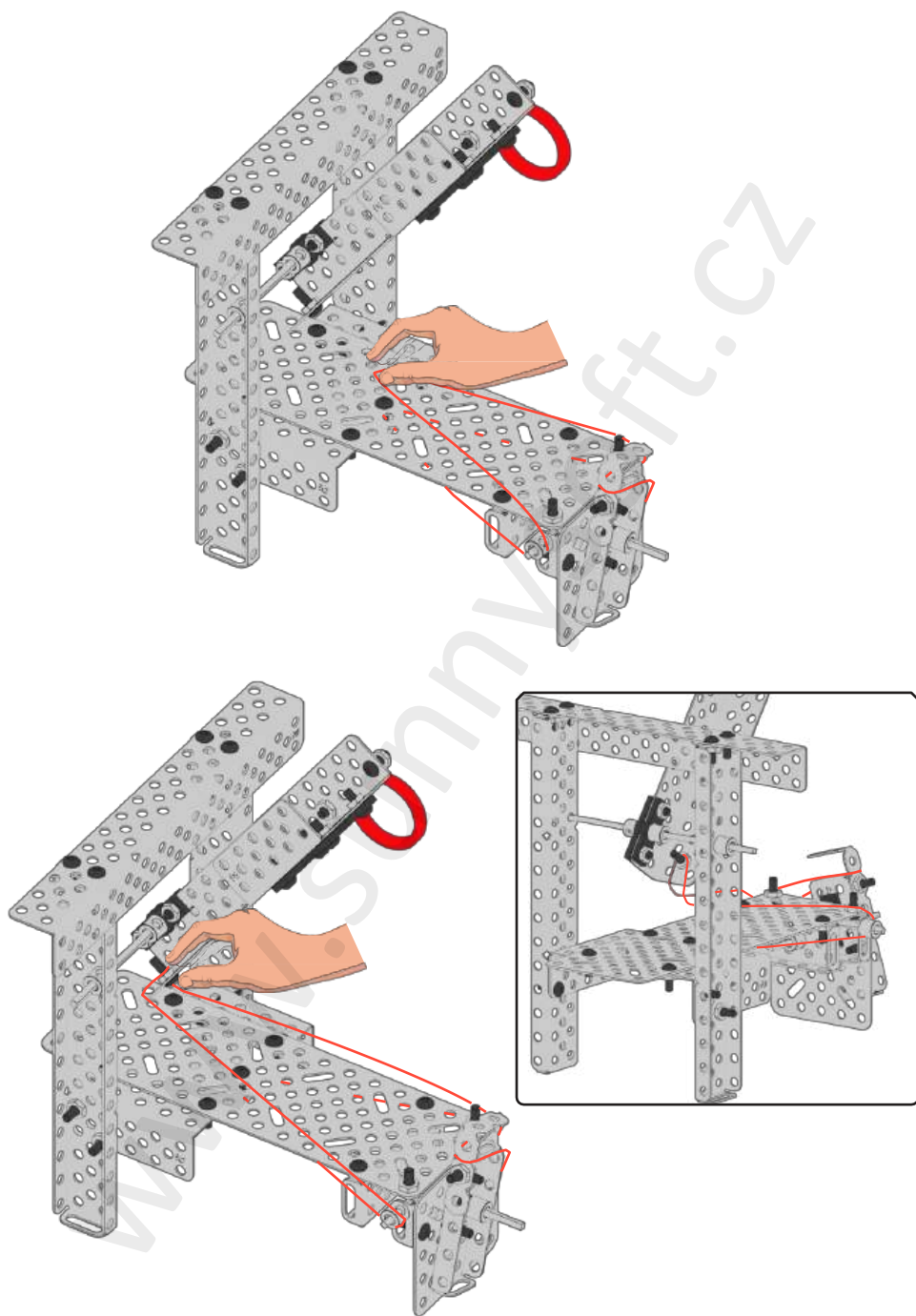




Velika gumena
traka

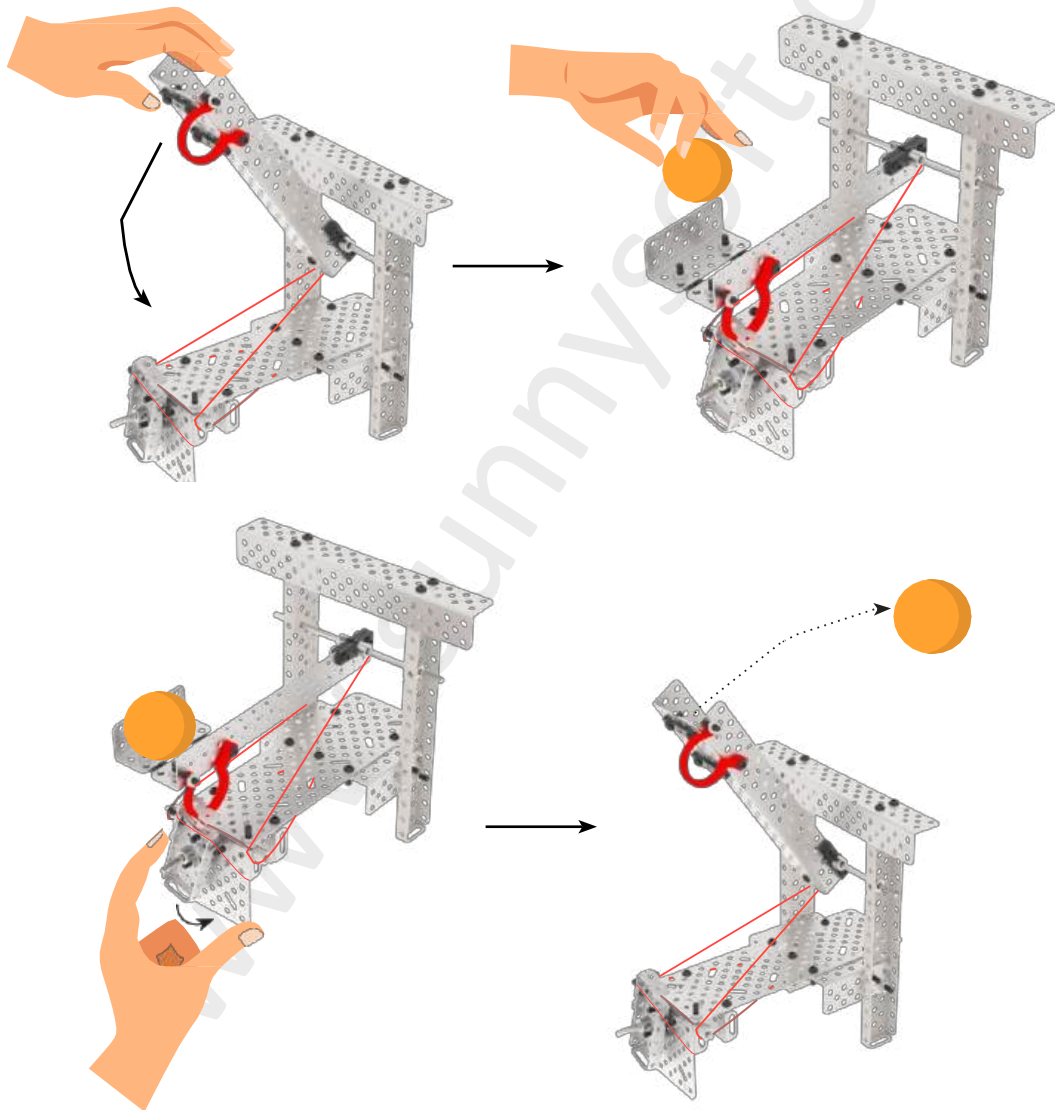




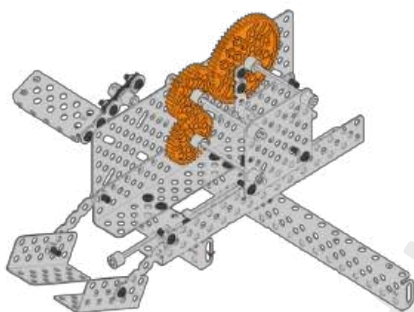


Kako se igrati katapultom

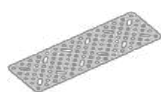
- Povucite krak prema dolje
- Aktivirajte hvataljku.
- Postavite kuglu.
- Otpustite osigurač.
- Lopta ispaljuje naprijed.



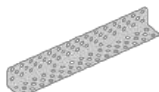
Projekt 5: Projektil za kugle



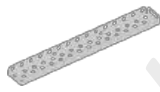
Što će vam trebati?



7,5"
Ravnokutni
ploča
x1



7,5"
L-profil
x2



7,5"
U-nosač
x1



2,5"
L-profil
x2



2,5"
Fleksibilni
x5



2,5"
U-greda
x2



Punjači x3



Zaključavan
je osovine
x16



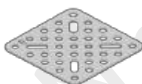
Priključci s
3 rupe x3



5,5" osovina
x2



3,5"
Osovina x2



2,5"
L-profil x1



12 mm vijci
x22



Matice
x22



Mala gumena
traka
x1

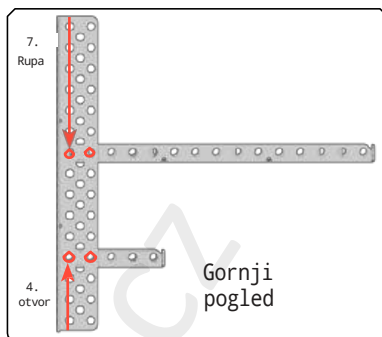
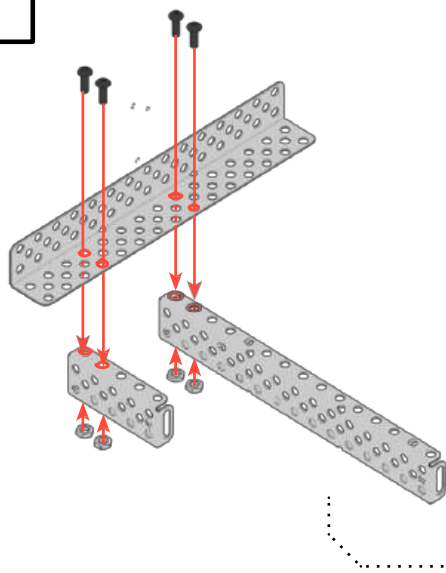


Veliki prednji
lančanik x1

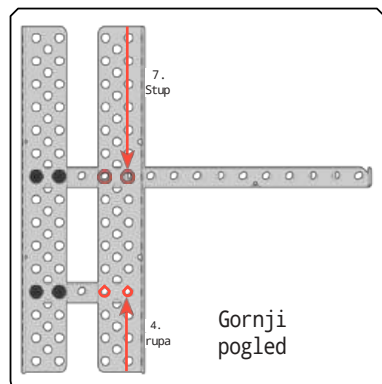
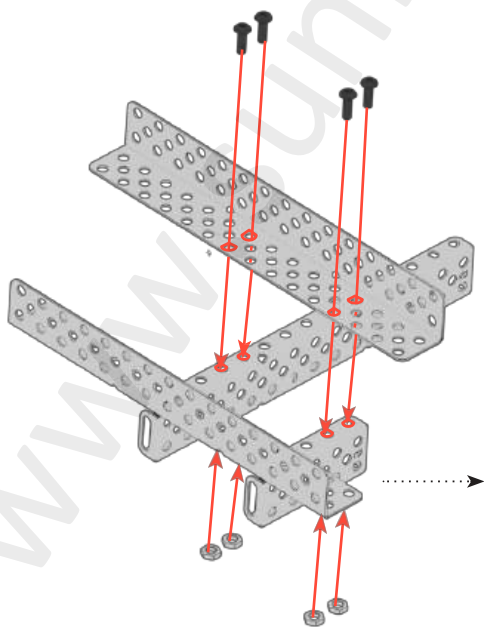


Srednji prednji
lančanik x2

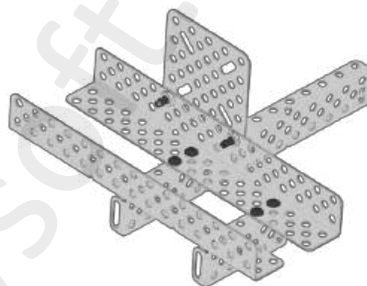
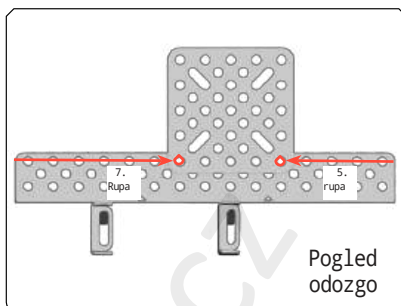
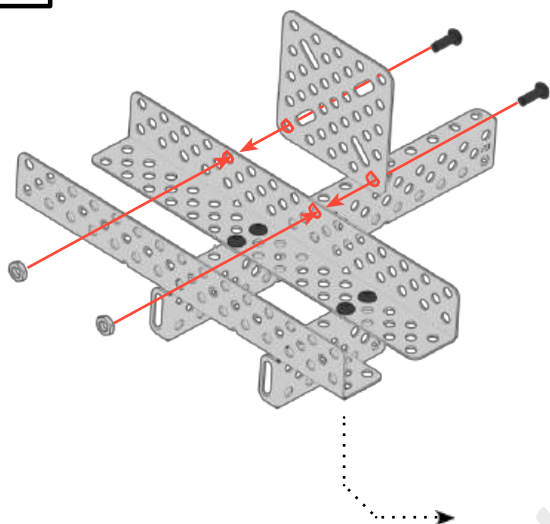
1



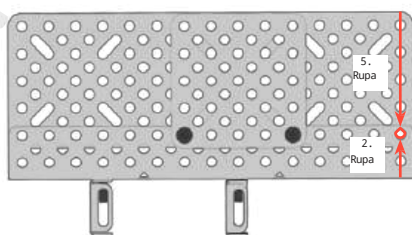
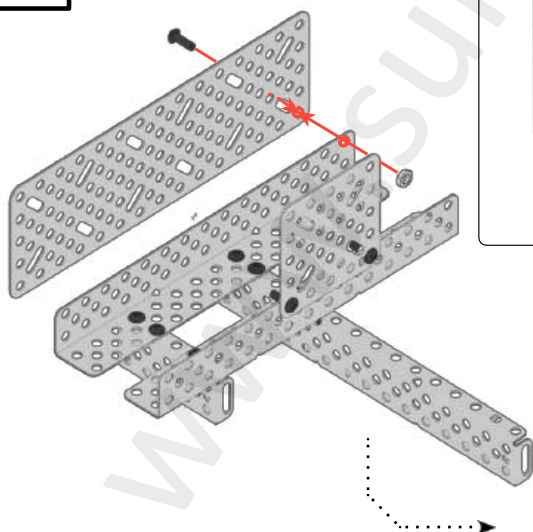
2



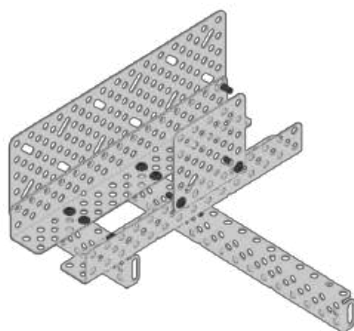
3



4

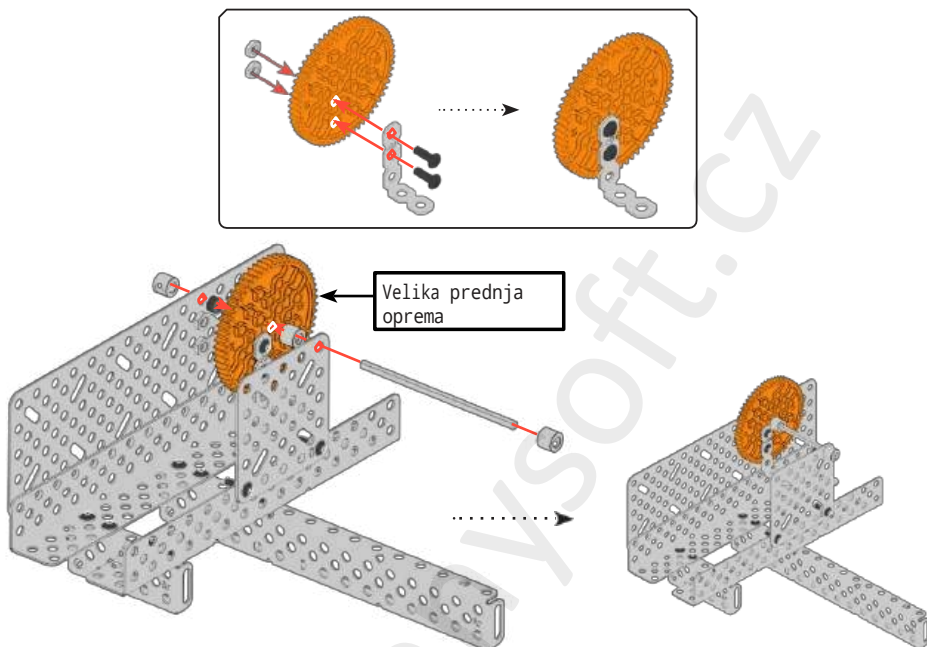


Pogled odozgo



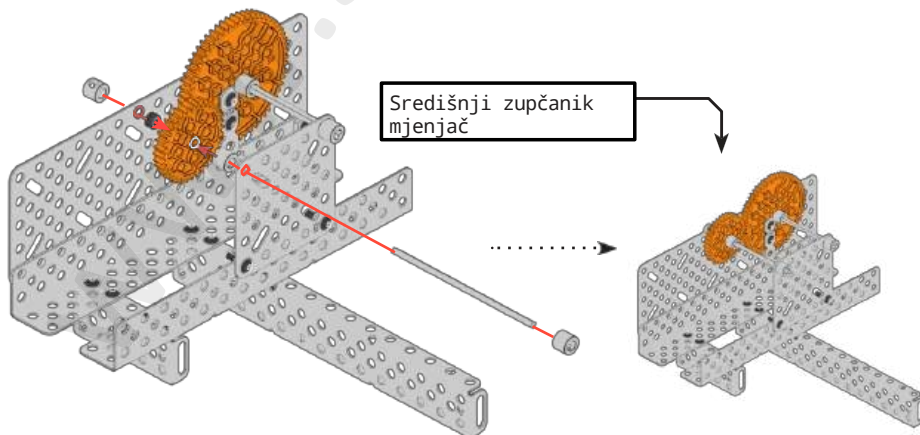
5

Omjer osovine 1:1 3.5

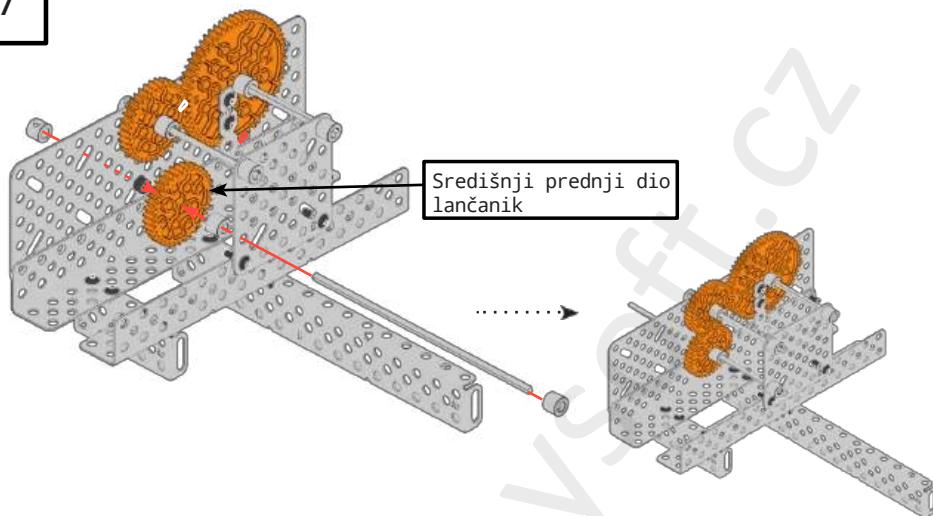


6

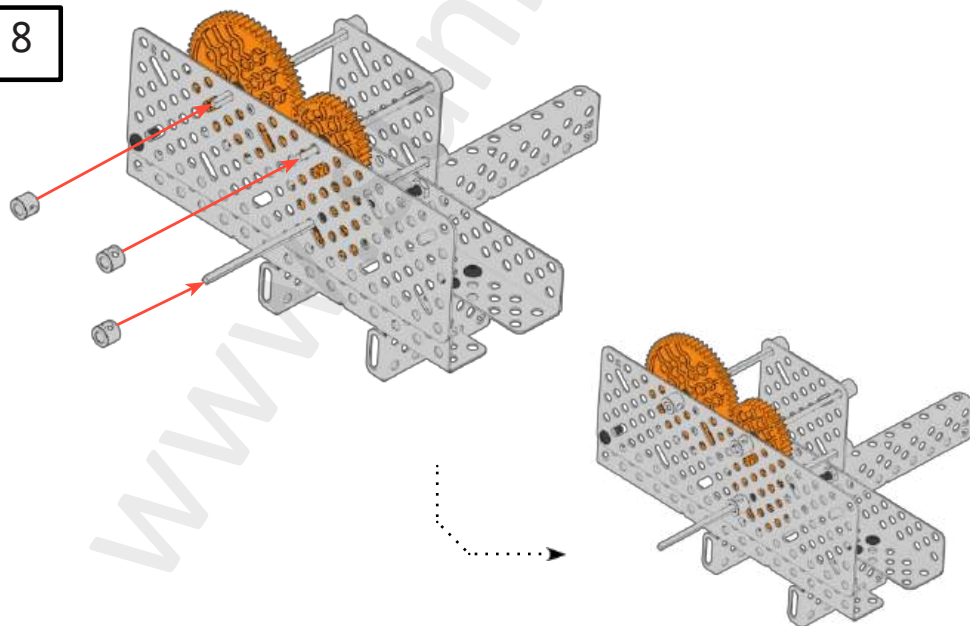
Osovina 1:1 3.5



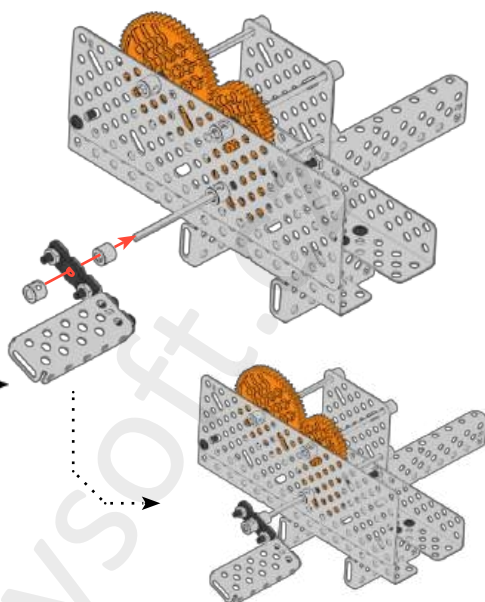
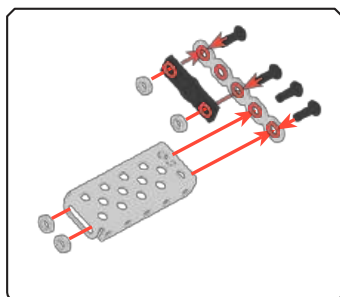
7



8

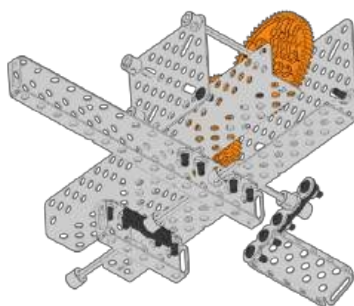
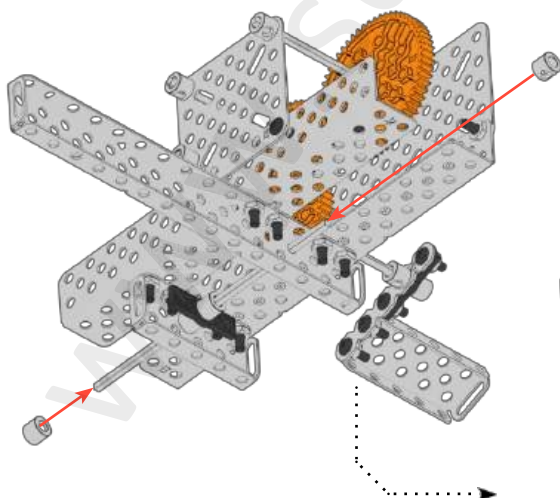


9

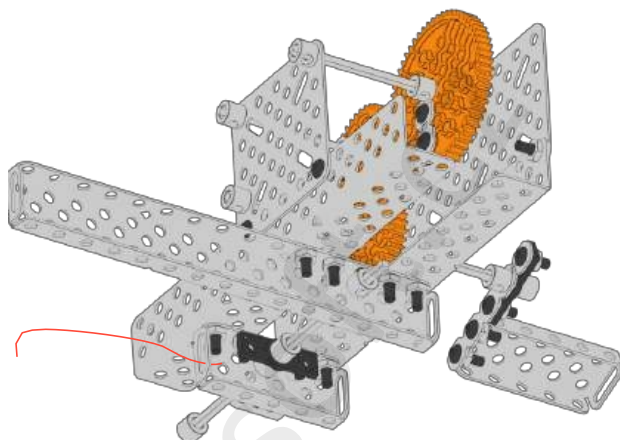
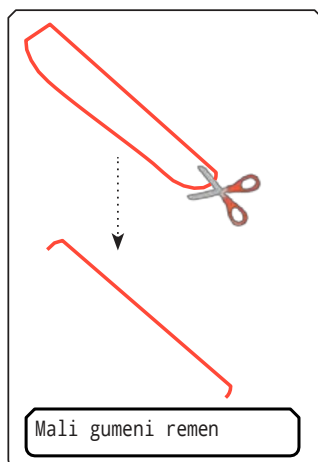


Osovina 1:1 5.5

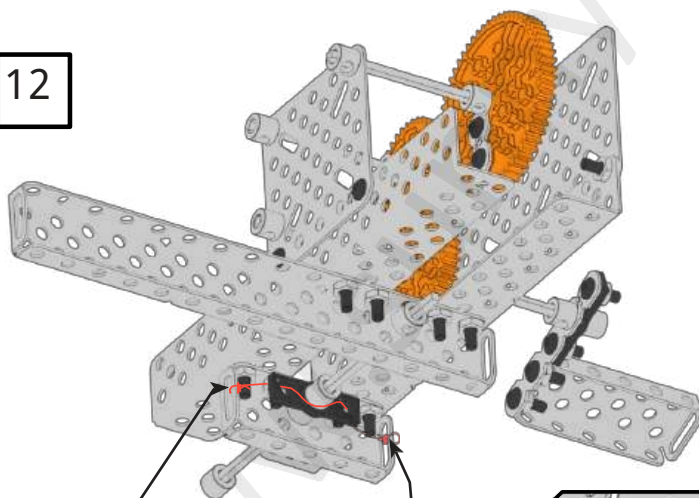
10



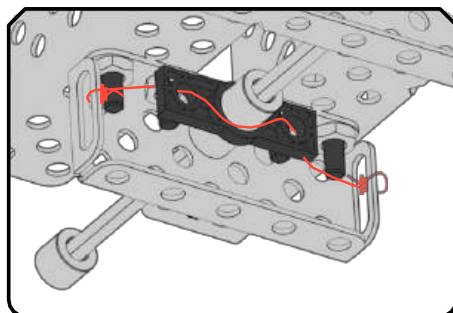
11



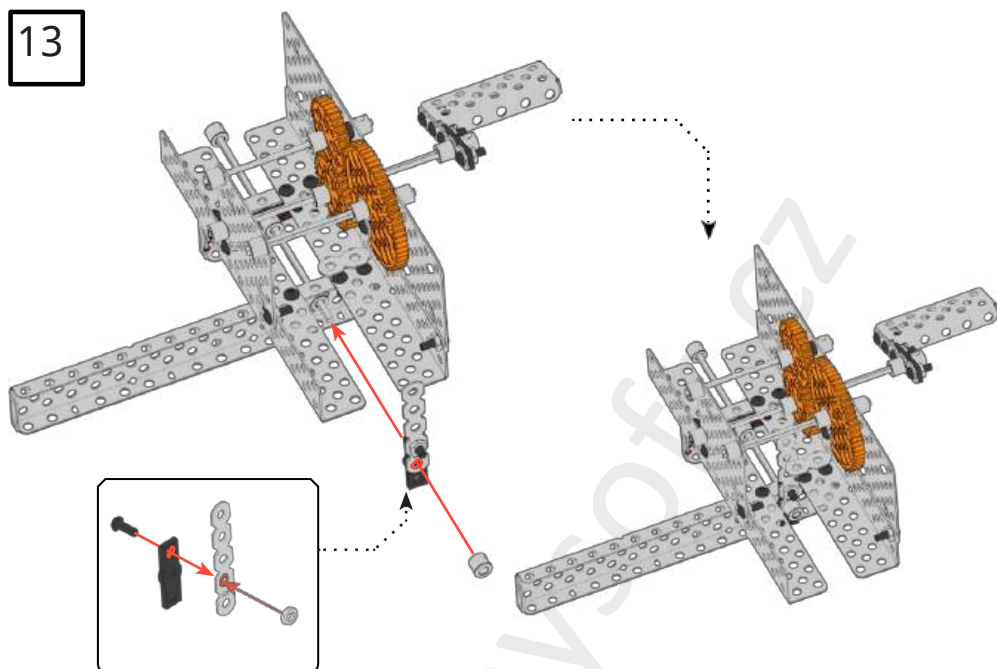
12



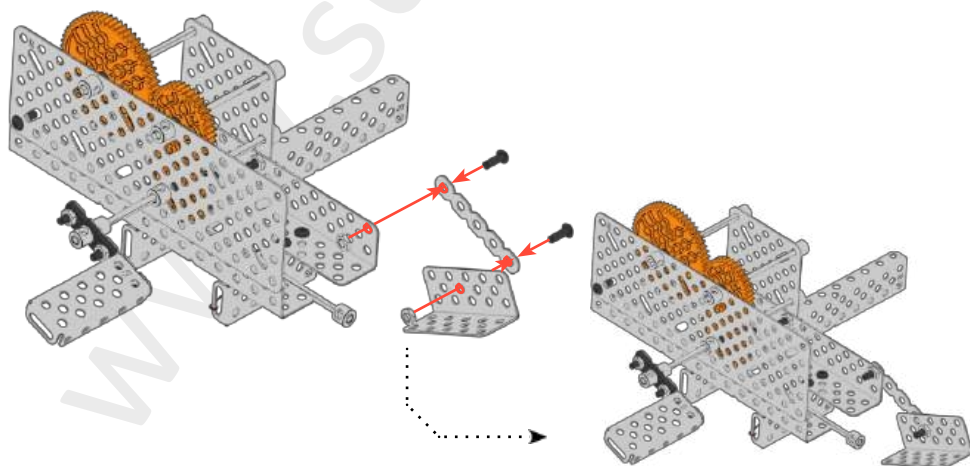
Zaveži čvor!

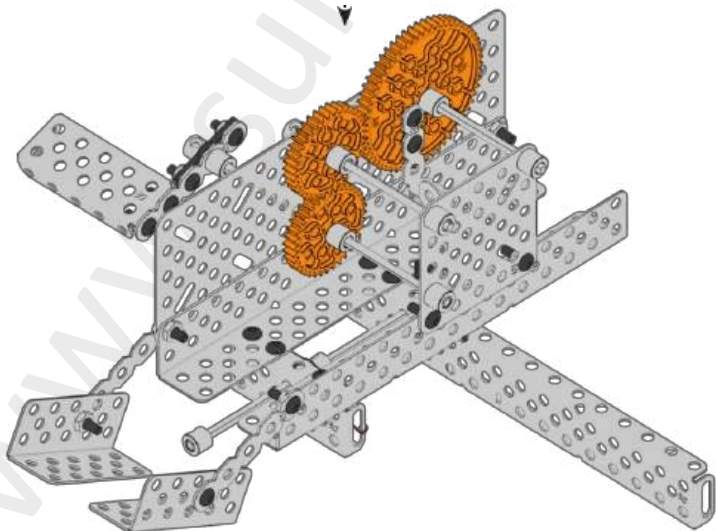
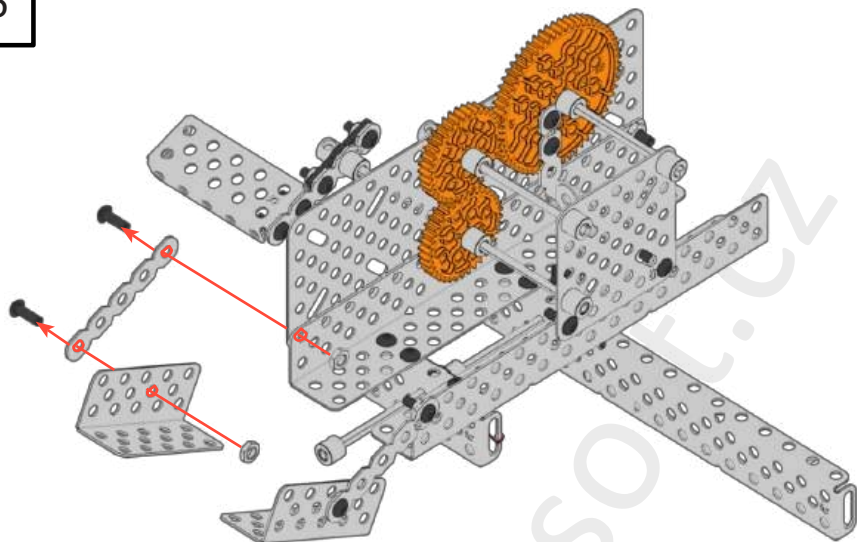


13



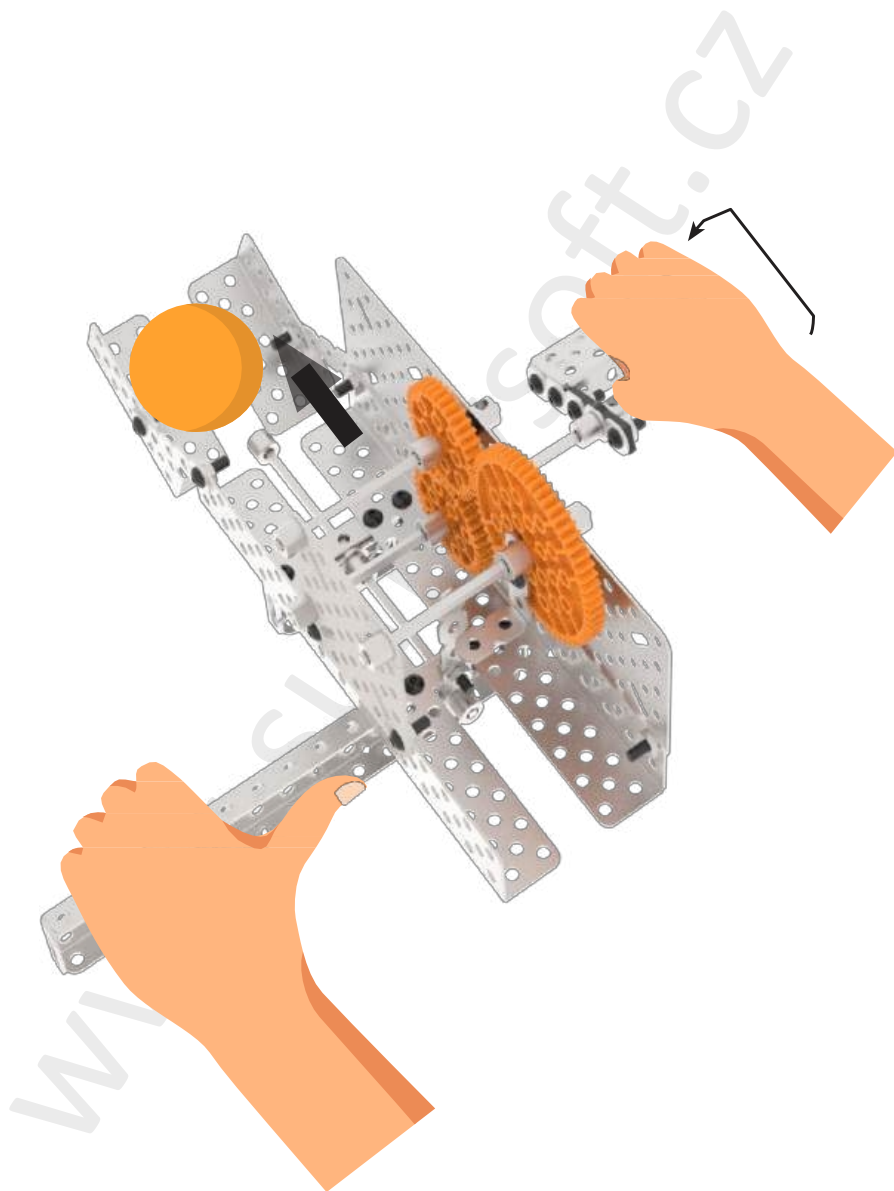
14





Kako igrati

- Stavite loptu u mali spremnik u obliku slova L.
- Okrenite polugu/ručku. Osovina će udariti loptu.



Imate li problema?

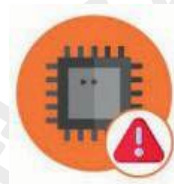
Naša tehnička podrška dostupna je u sljedećim terminima - od ponedjeljka do subote: od 9.00 do 20.00
Nedjeljom i trećom subotom u mjesecu: od 9.00 do 18.00



Softverski problemi



Problemi s upotrebljivošću



Hardverski problemi

Za kontakt s podrškom, skenirajte QR kod.



support@avishkaar.cc
+91-8506931515

Dobavljač/Distributer
Sunnysoft s.r.o.
Kovanecká 2390/1a
190 00 Prag 9
Češka Republika
www.sunnysoft.cz