

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 Avishaar

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.avishaar.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

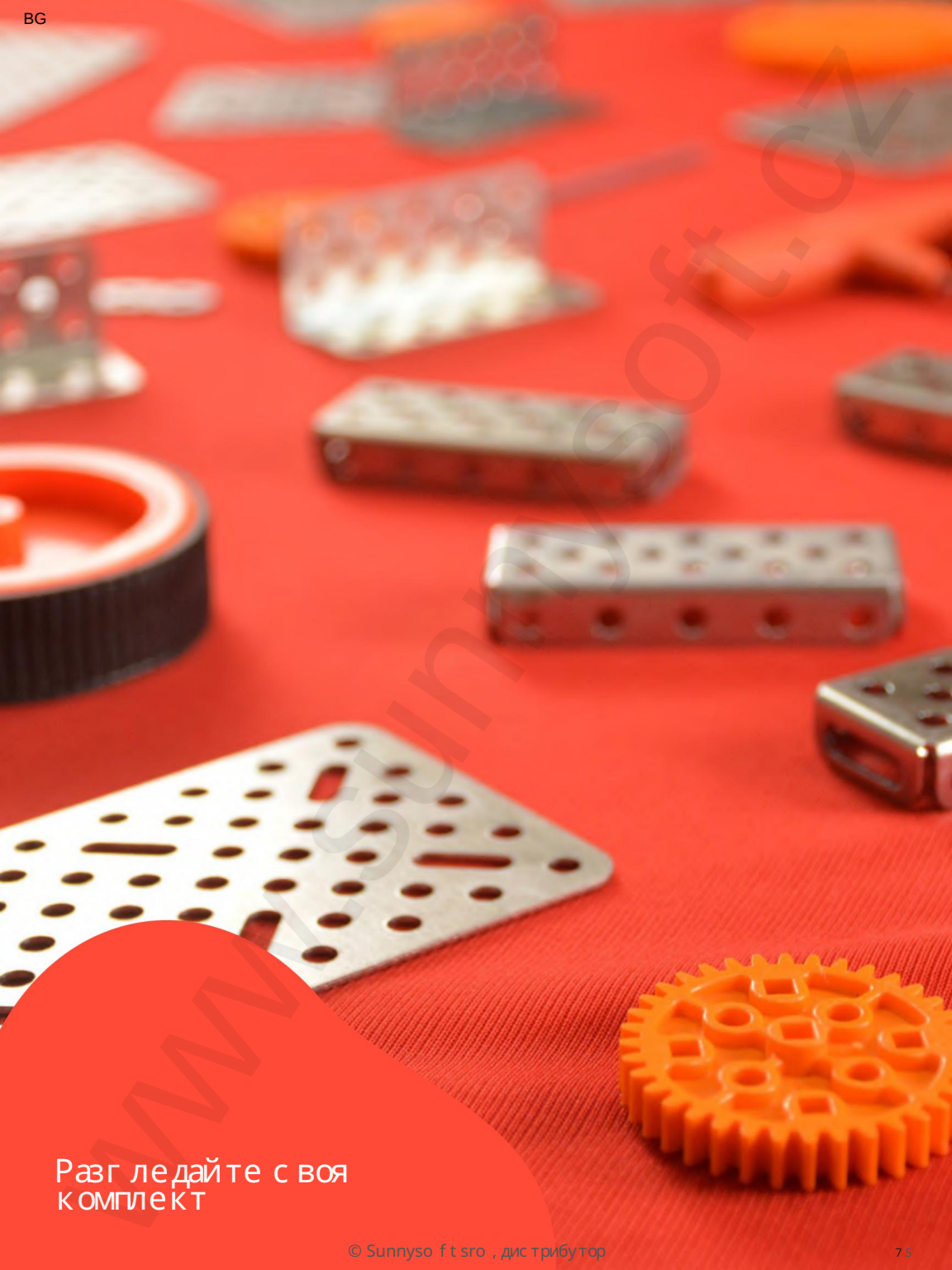
now on the path of innovation,

*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.*

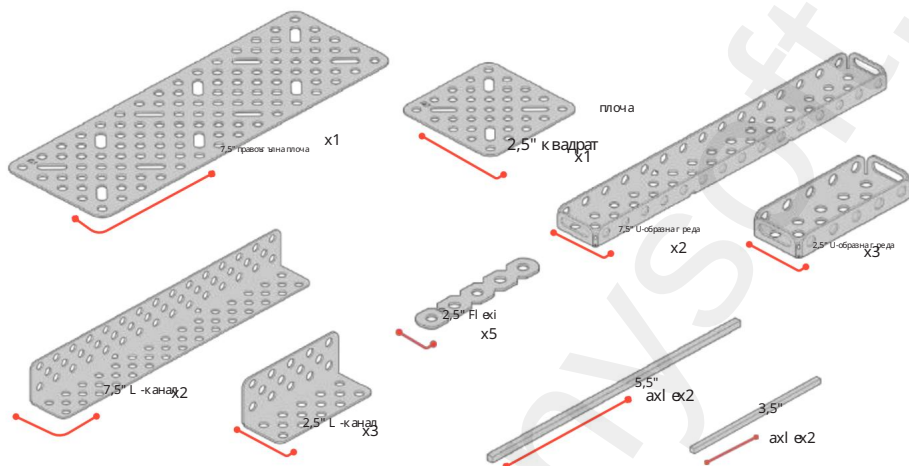
подпис



Разгледайте с своя
комплект

Проверка на оборудването

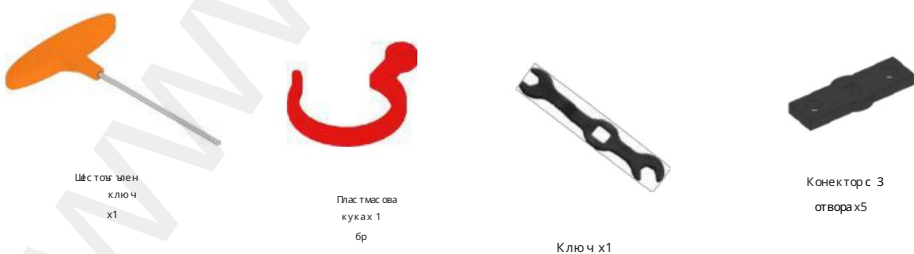
Метални части



козела и зъбни козела



Инструменти





Панел кап
x 11 бр



Блокажи на осите
x 16



12 ММ ВИНТ
x31



Гайка
x 31



Големи ластичи
x2



Малки ластичи x2

Ос нови на изграждането

Нека разберем как ос новина се строи

Затягване на винтовете



Затягване на ключалката на ос



Стегнете
(завъртете по
часовниковата стрелка)



Разхлабете
(завъртете обратно на
часовниковата стрелка)

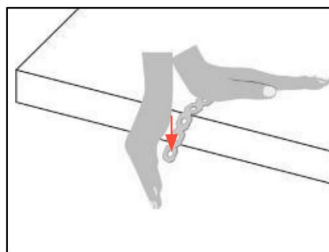
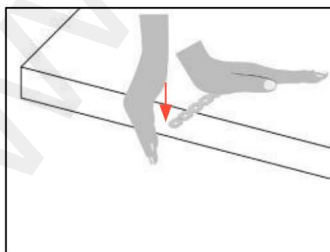


Стегнете
(завъртете по
часовниковата стрелка)

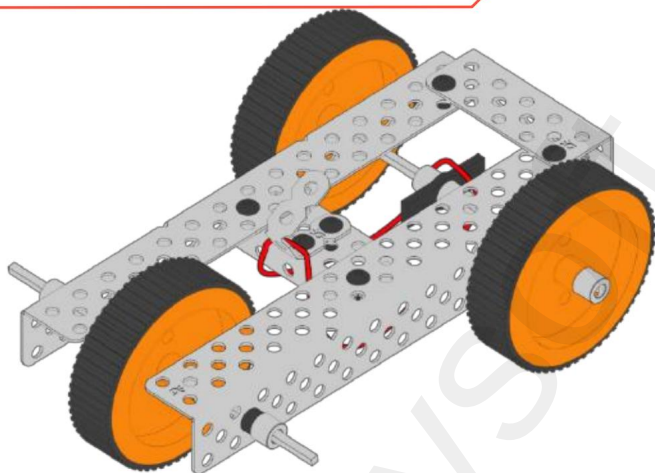


Разхлабете
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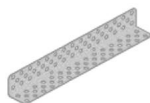
Флексинг



Проект 1: Кола



Какво ще ви трябва?



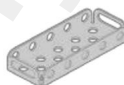
7,5"
L канал
x2



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



Заключва на ос та x8



Конектори с
3 отвора x1



Малко колело x3



Голяма гумалента 1x

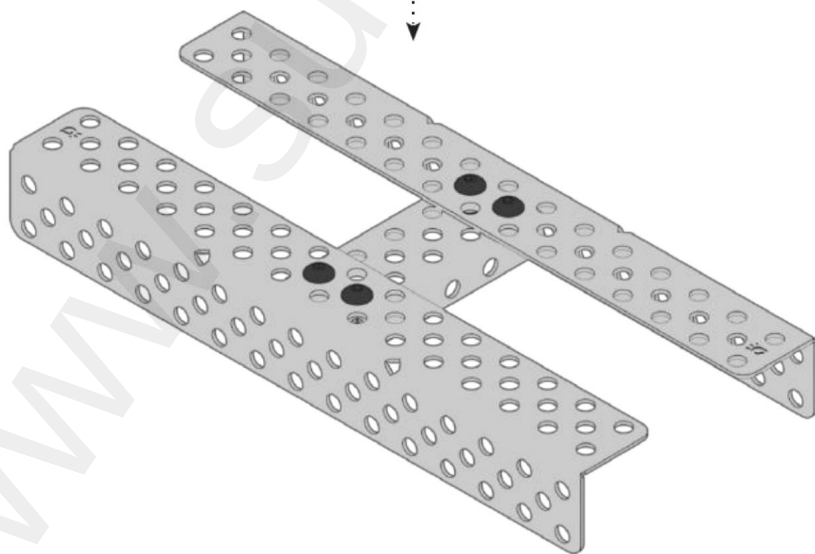
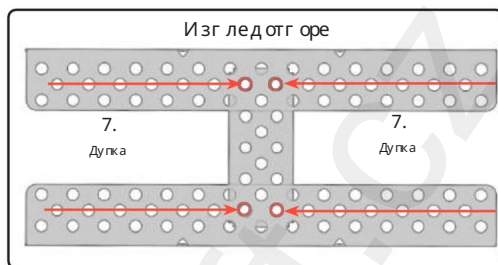
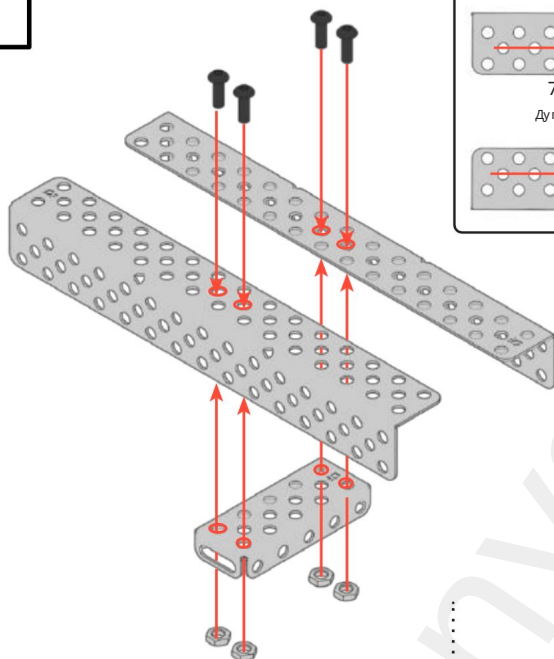


12 мм винтове x8

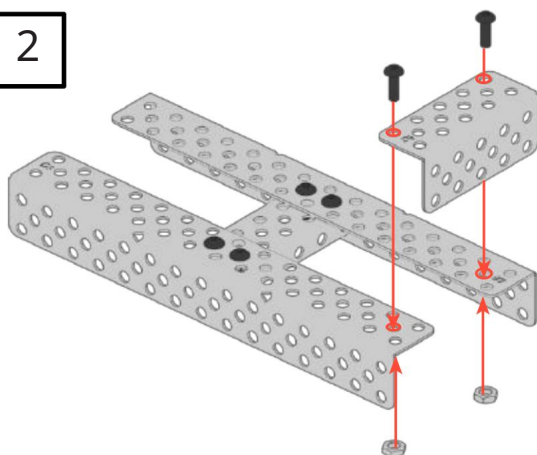


матрици x 8

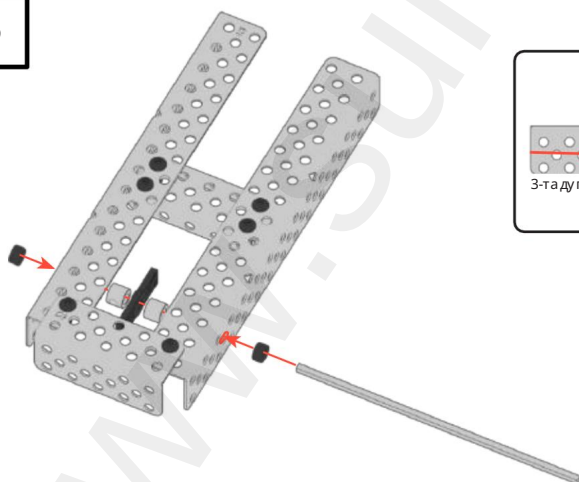
1



2



3

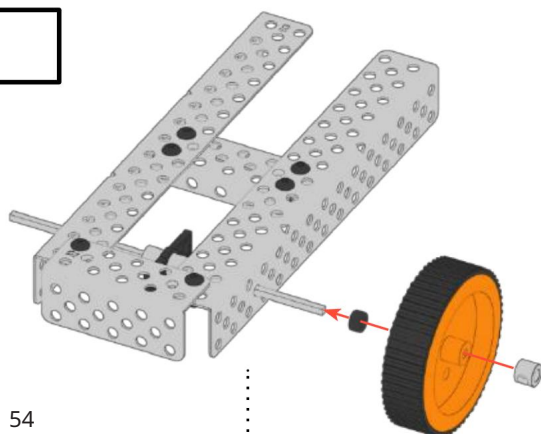


Изглед от страни

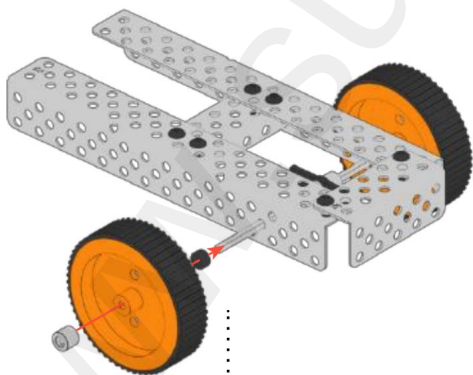
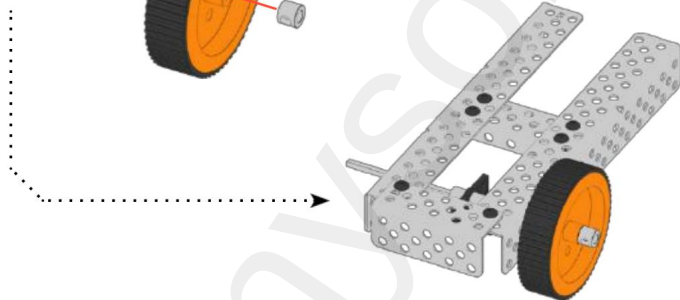


3-та дупка

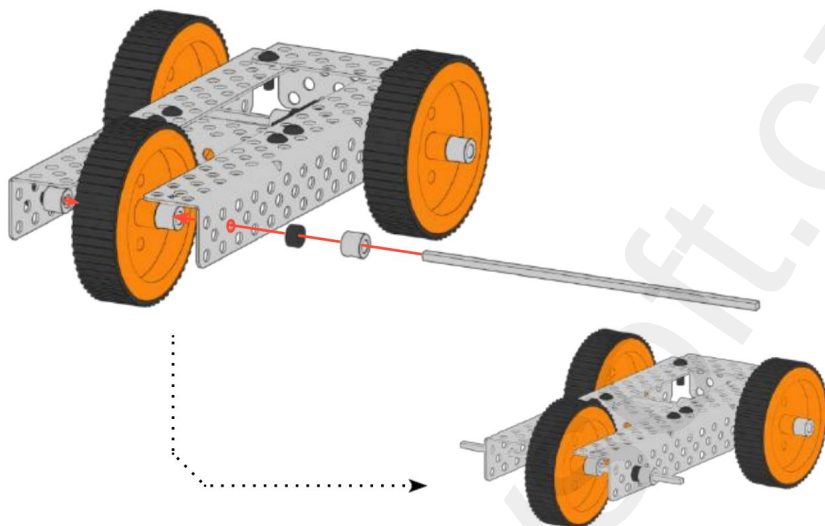
1:1 Лекарство 5.5



54

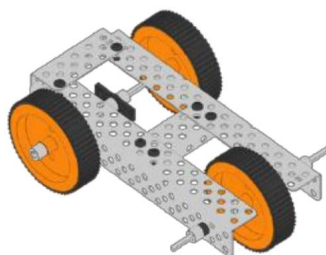
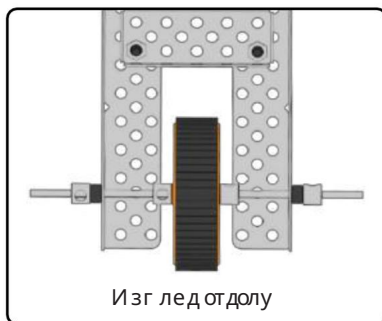
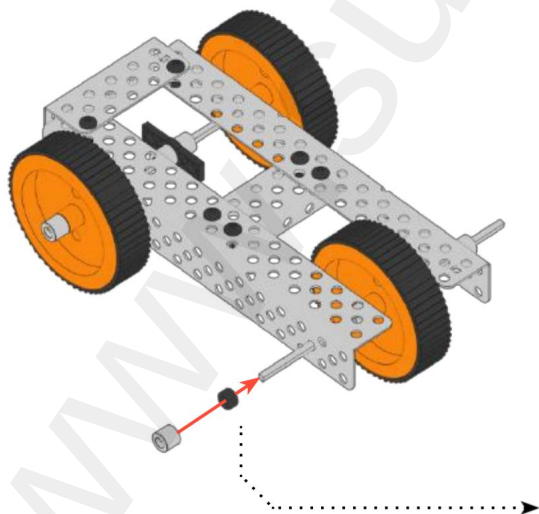


6

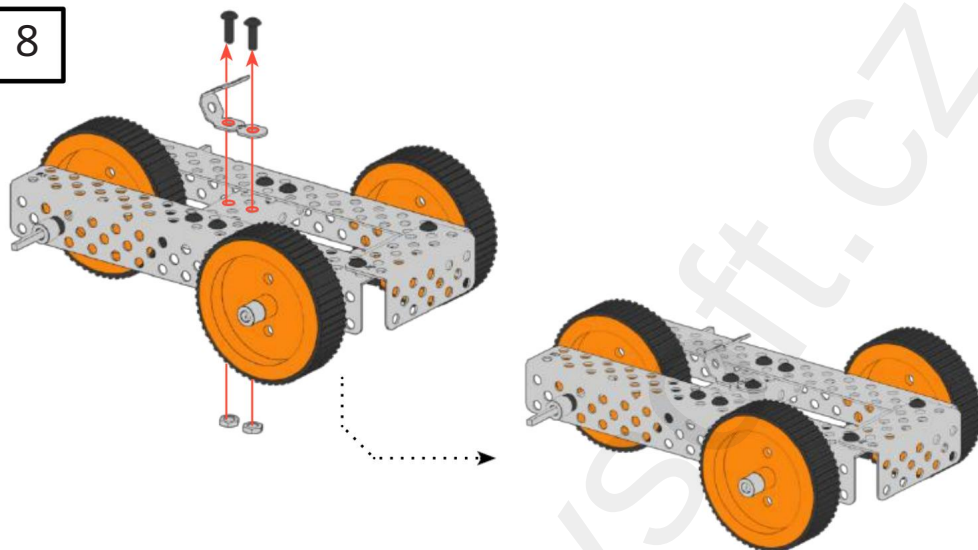


1:1 Лекарство 5.5

7



8

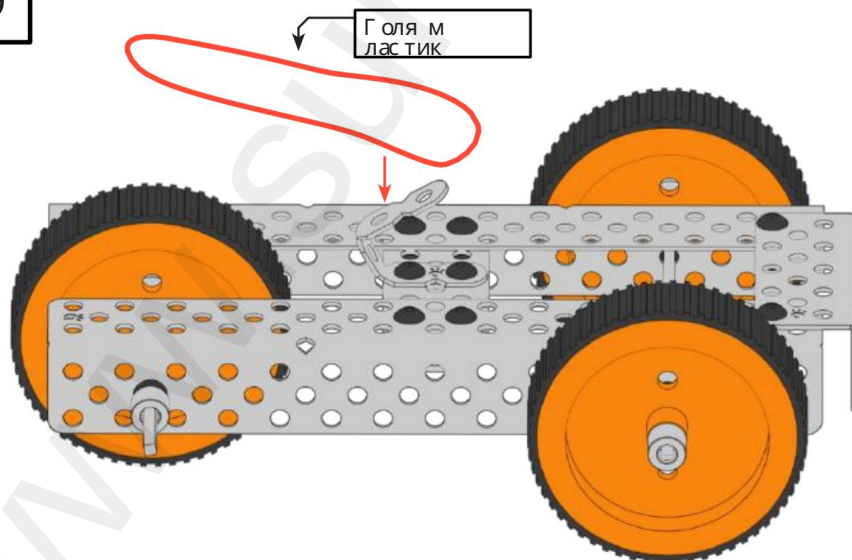


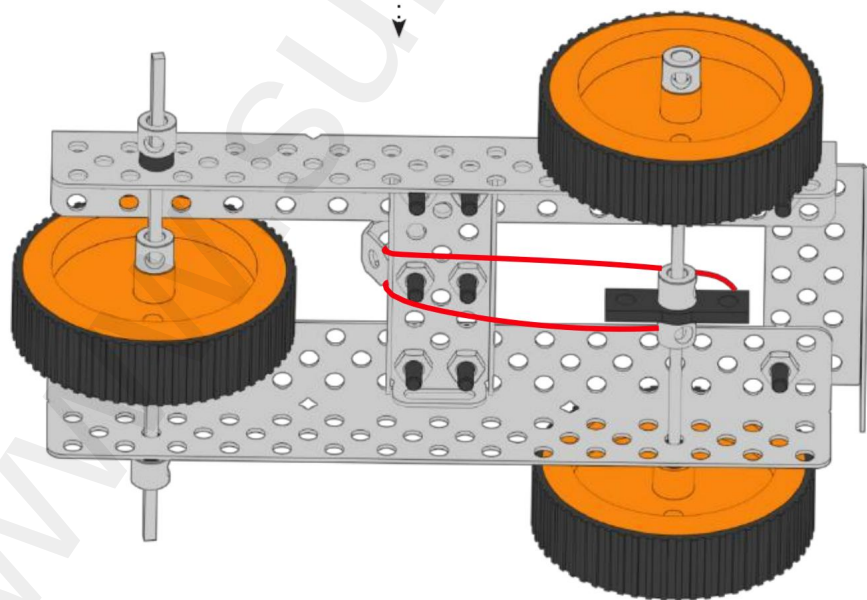
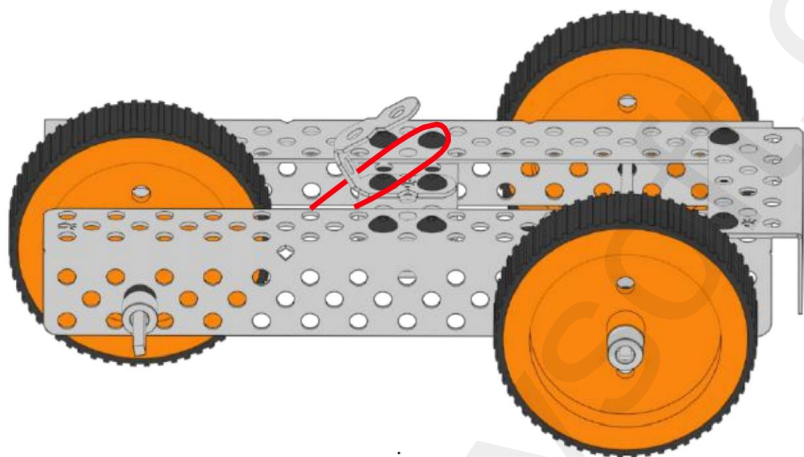
Свет за г л о б а л н а в а н е

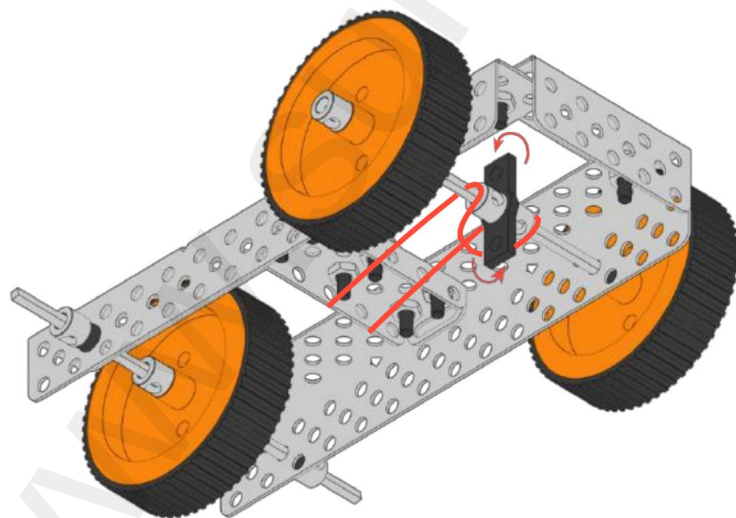
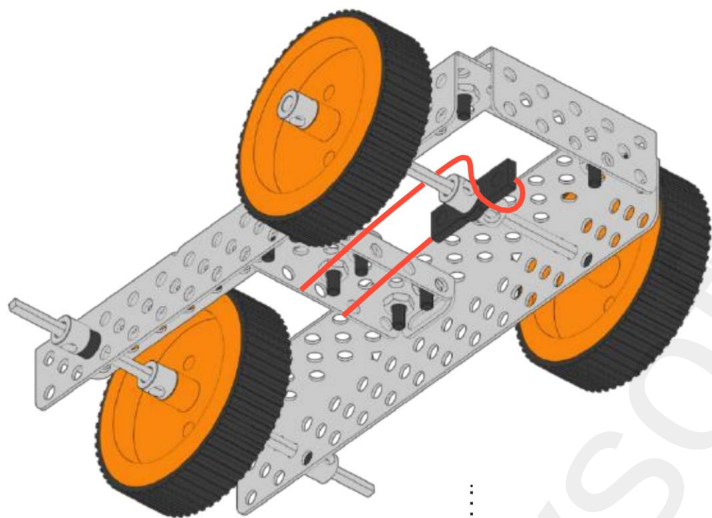
За информация относно г л о б а л н о т ъ л н а в а н е в и ж д е и н с т р у к ц и я т е п о г о р е .



9

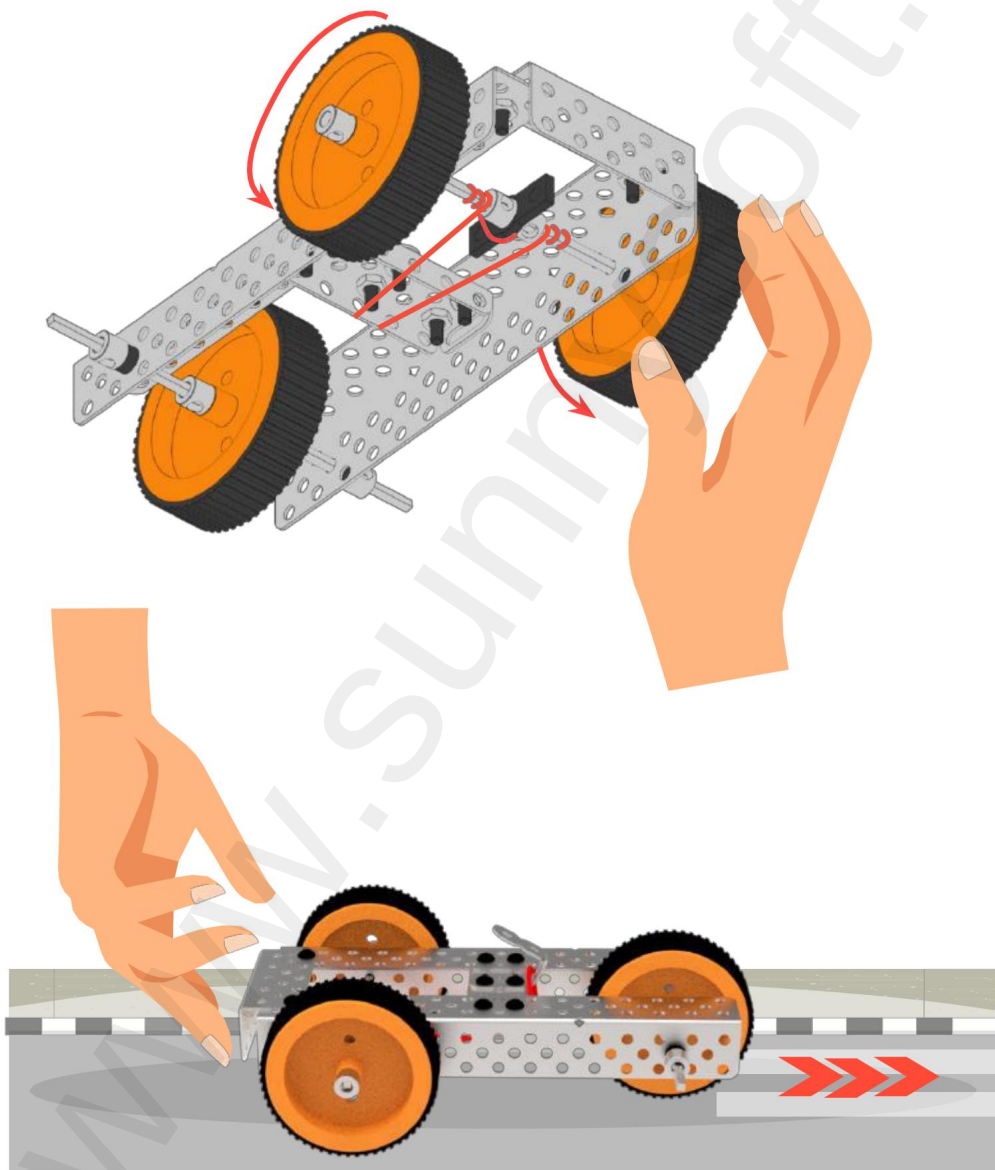




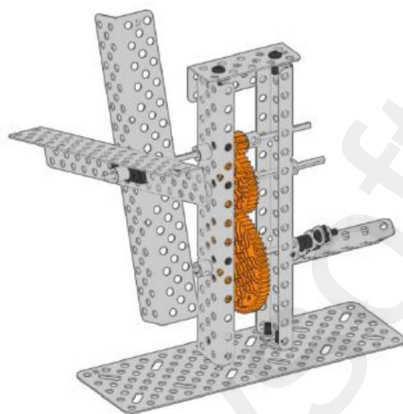


Как се играе с кола

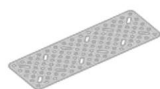
- С помощта на колелата навийте гумения колан върху задната ос.
- Завъртете колелото обратно на час овниквата с трелка.
- Хванете гумената лента и ос та и по с тавете шас и то на земя та.



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 F1 еки
x1



2,5"
U-образна г-реда
x1



плъмби
x11



Блок ирвек на ос 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

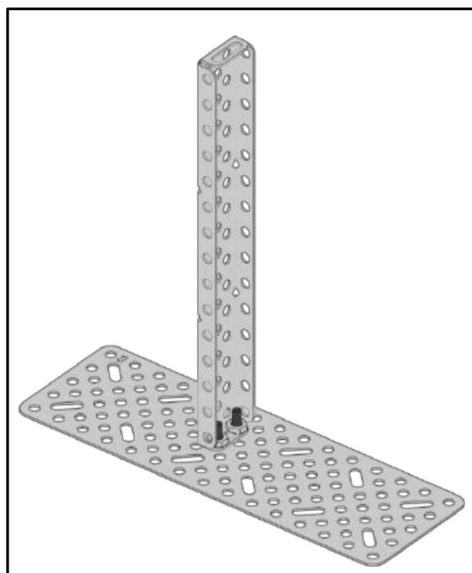
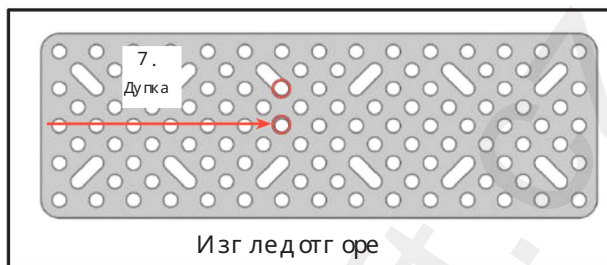
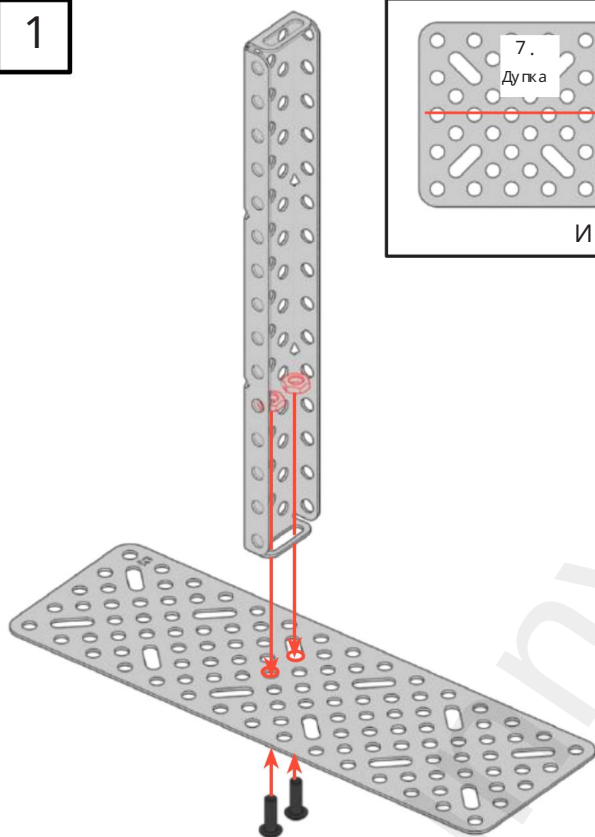


12 мм винтове
x14

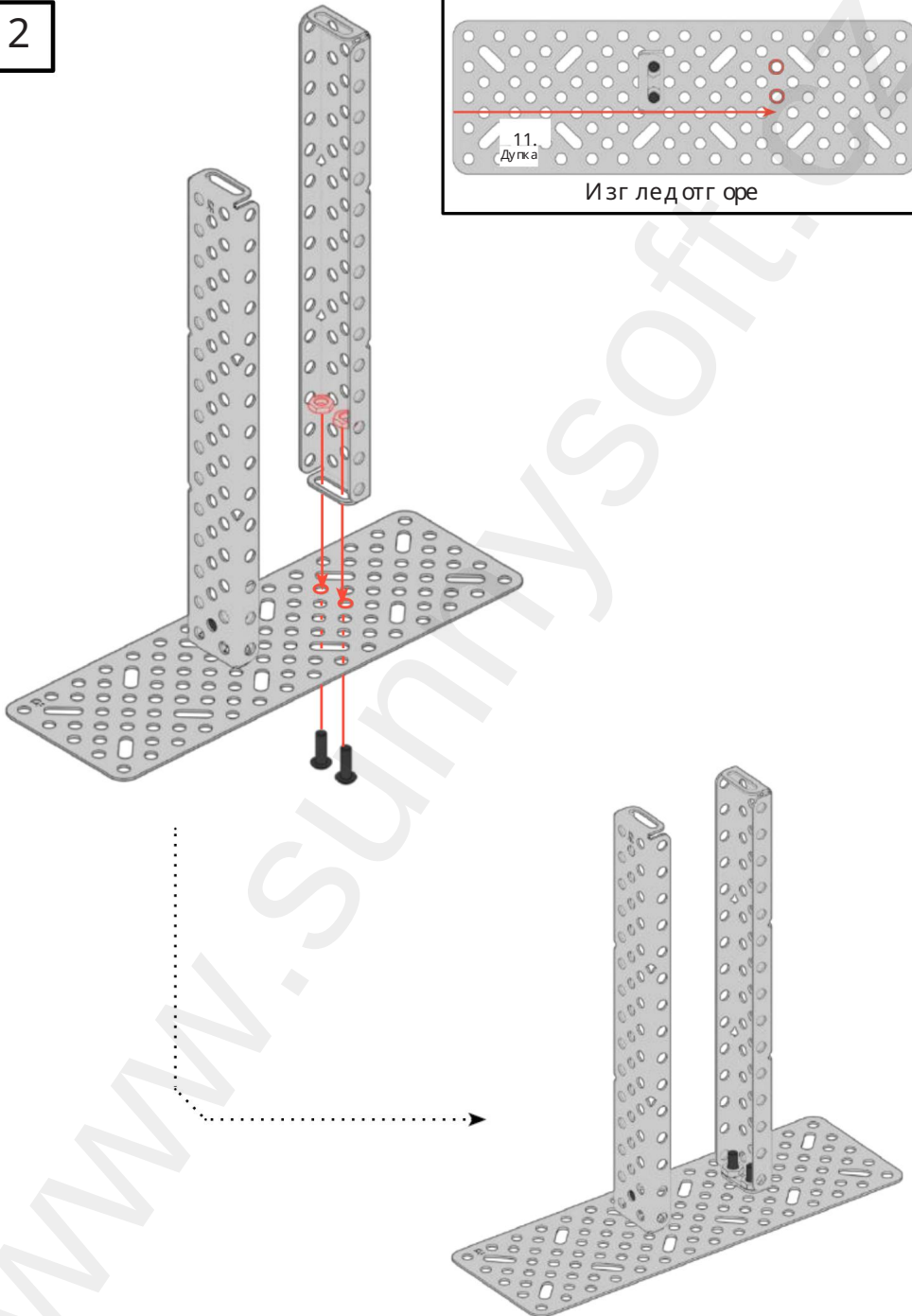
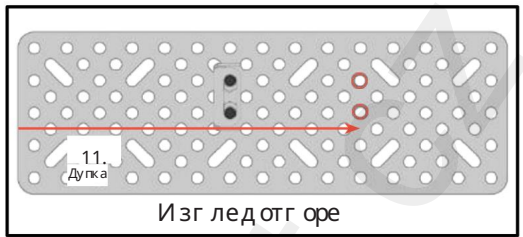


гайка
x14

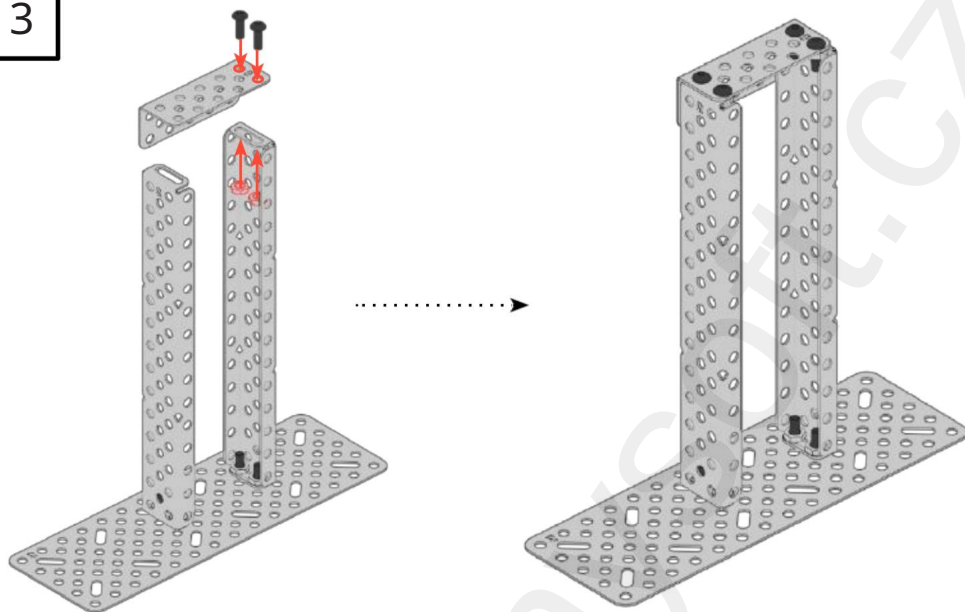
1



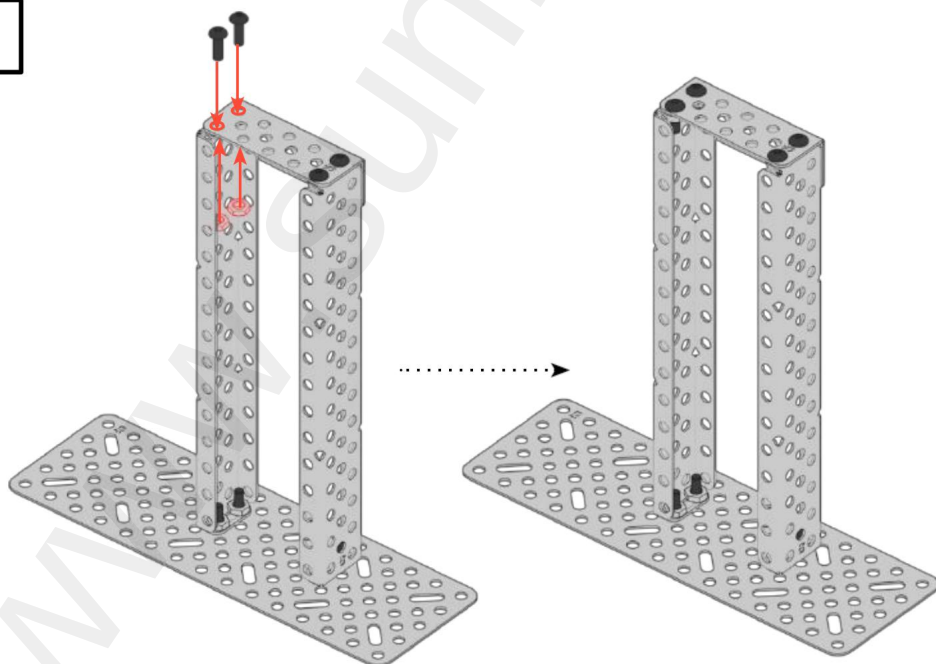
2



3

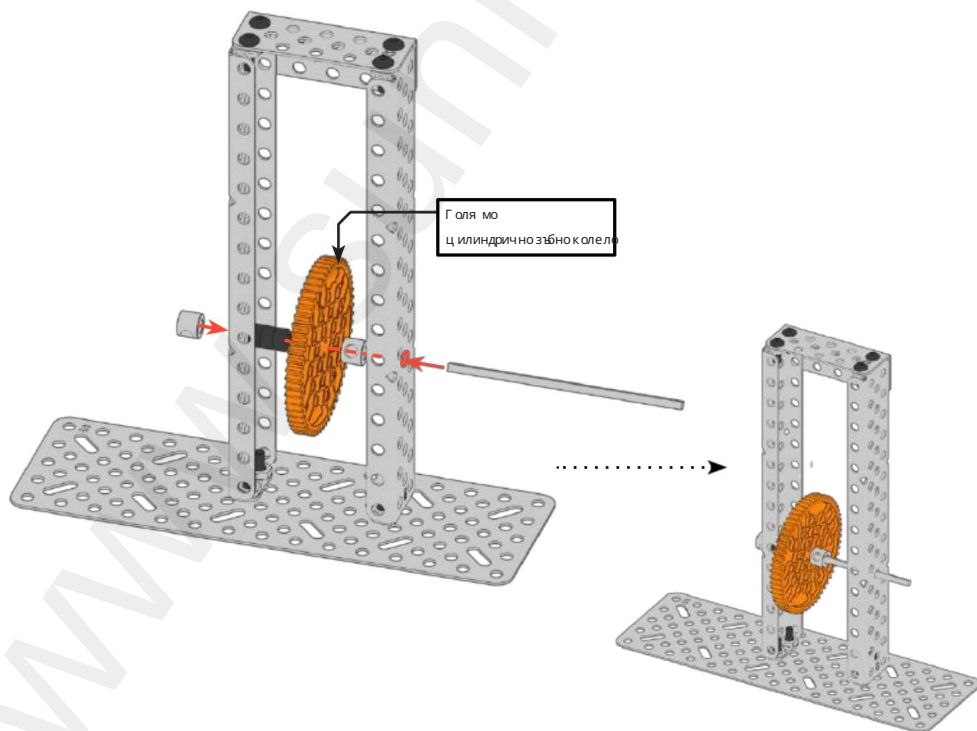
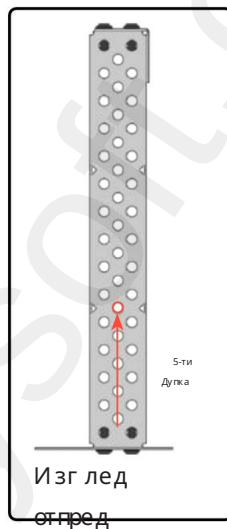
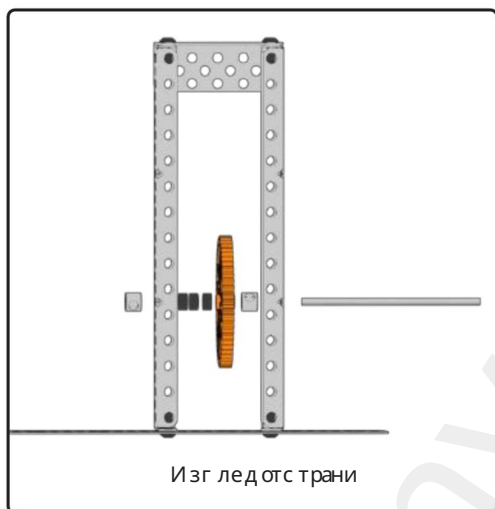


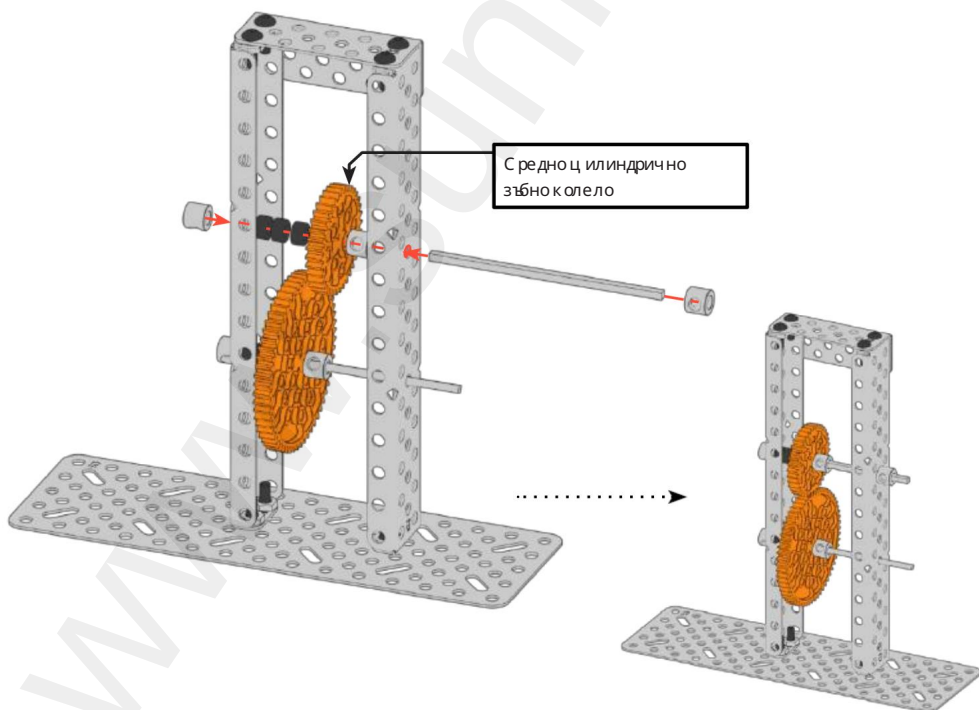
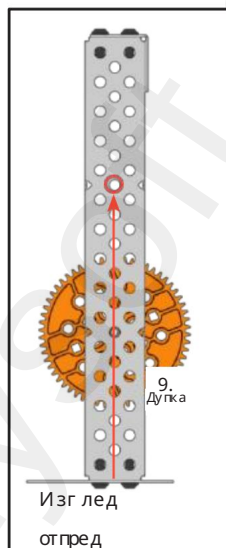
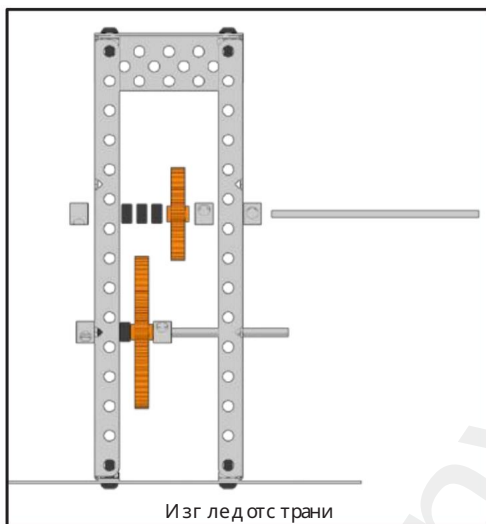
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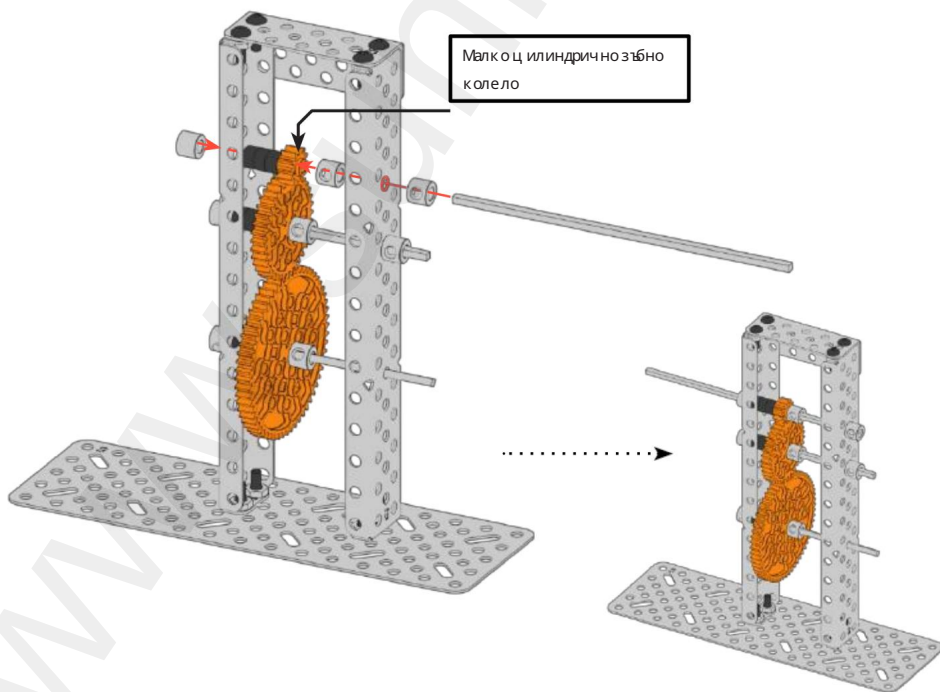
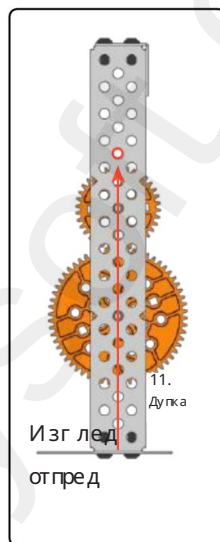
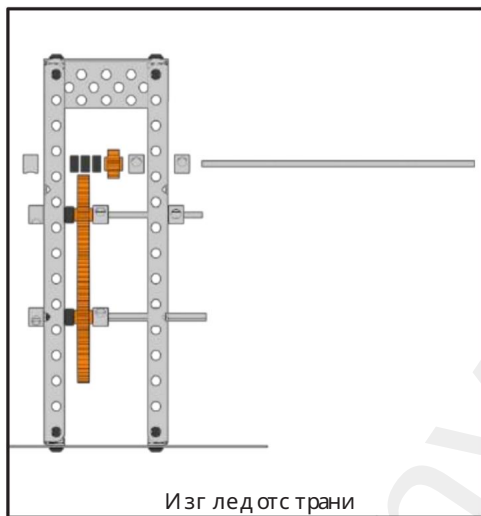
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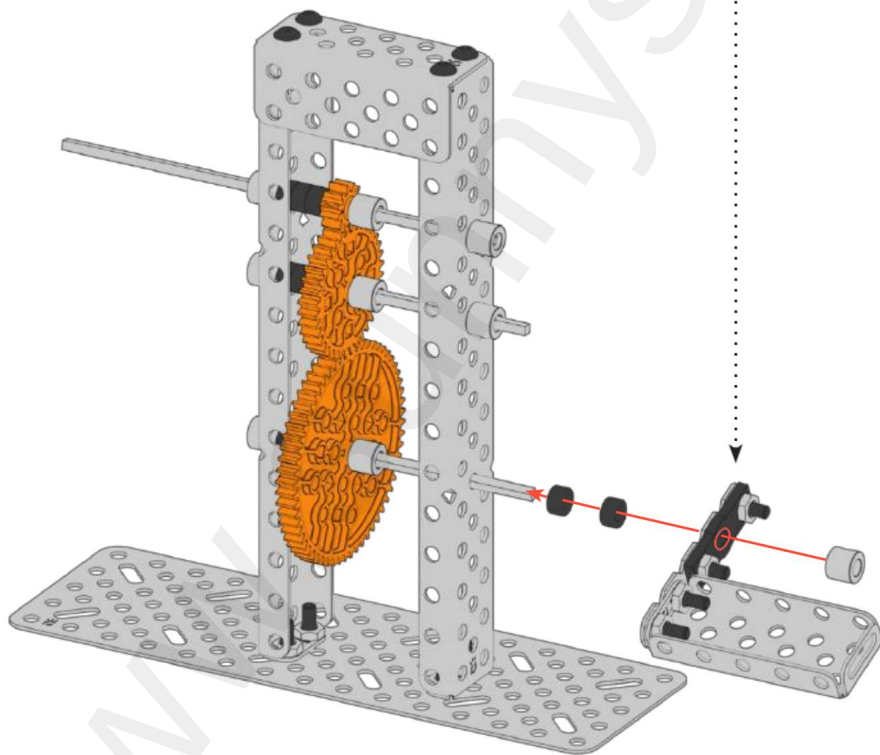
1:1 Лек арс тво 3.5



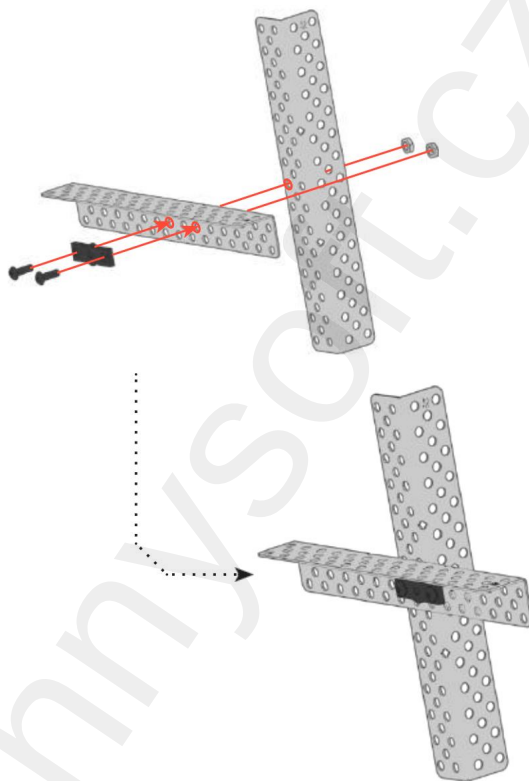
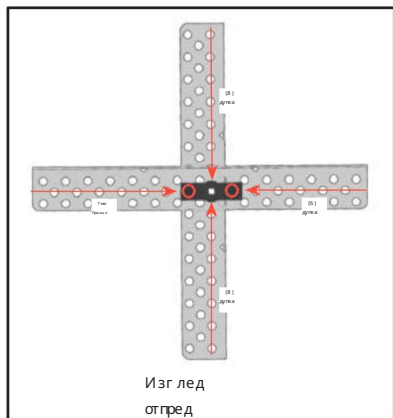


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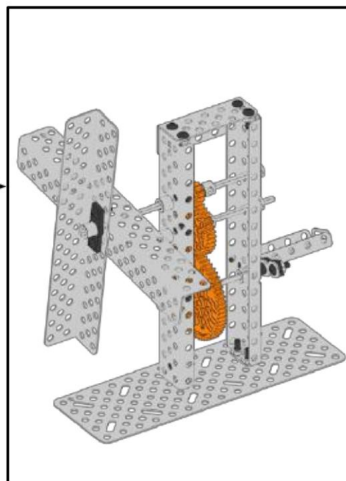
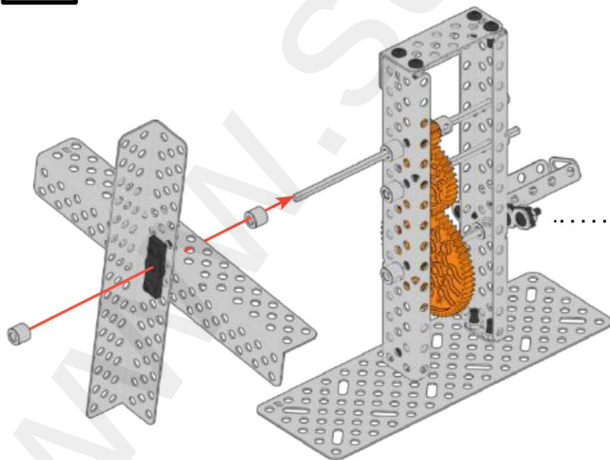




9

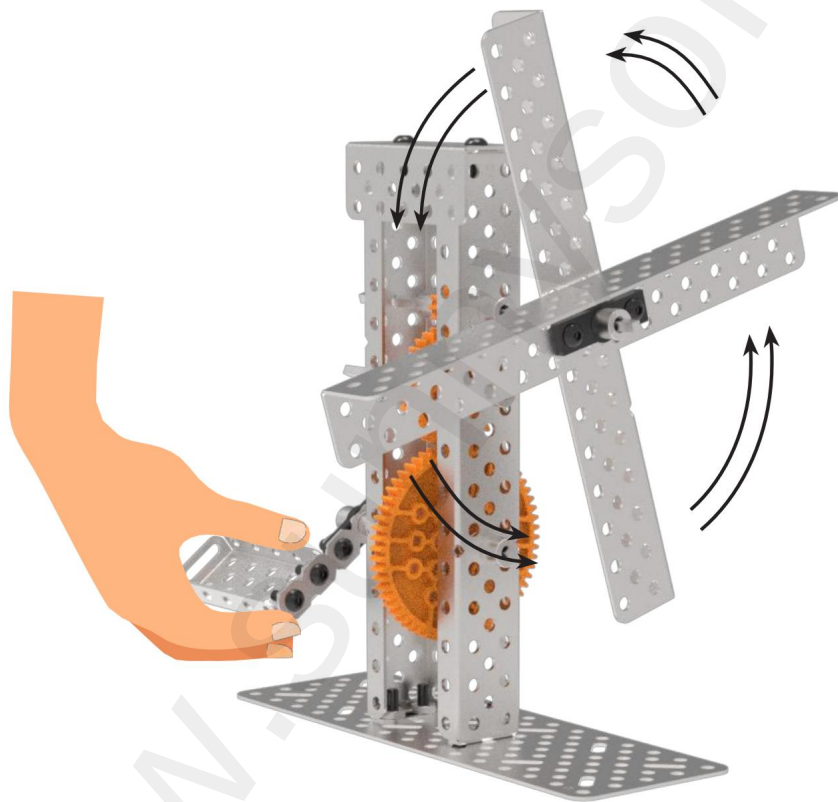


10

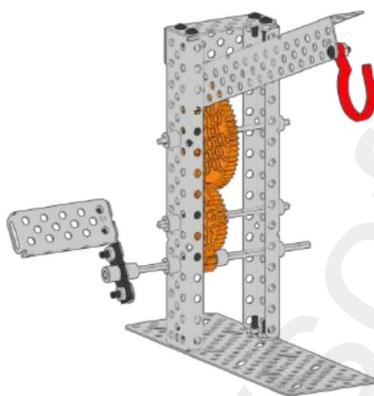


Как се играе с вентилатор

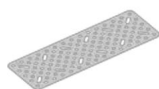
- Използвайте лоста/држката, за да завъртите вентилатора.



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 өкі 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



Пънч
x 9



Ядки
x 15

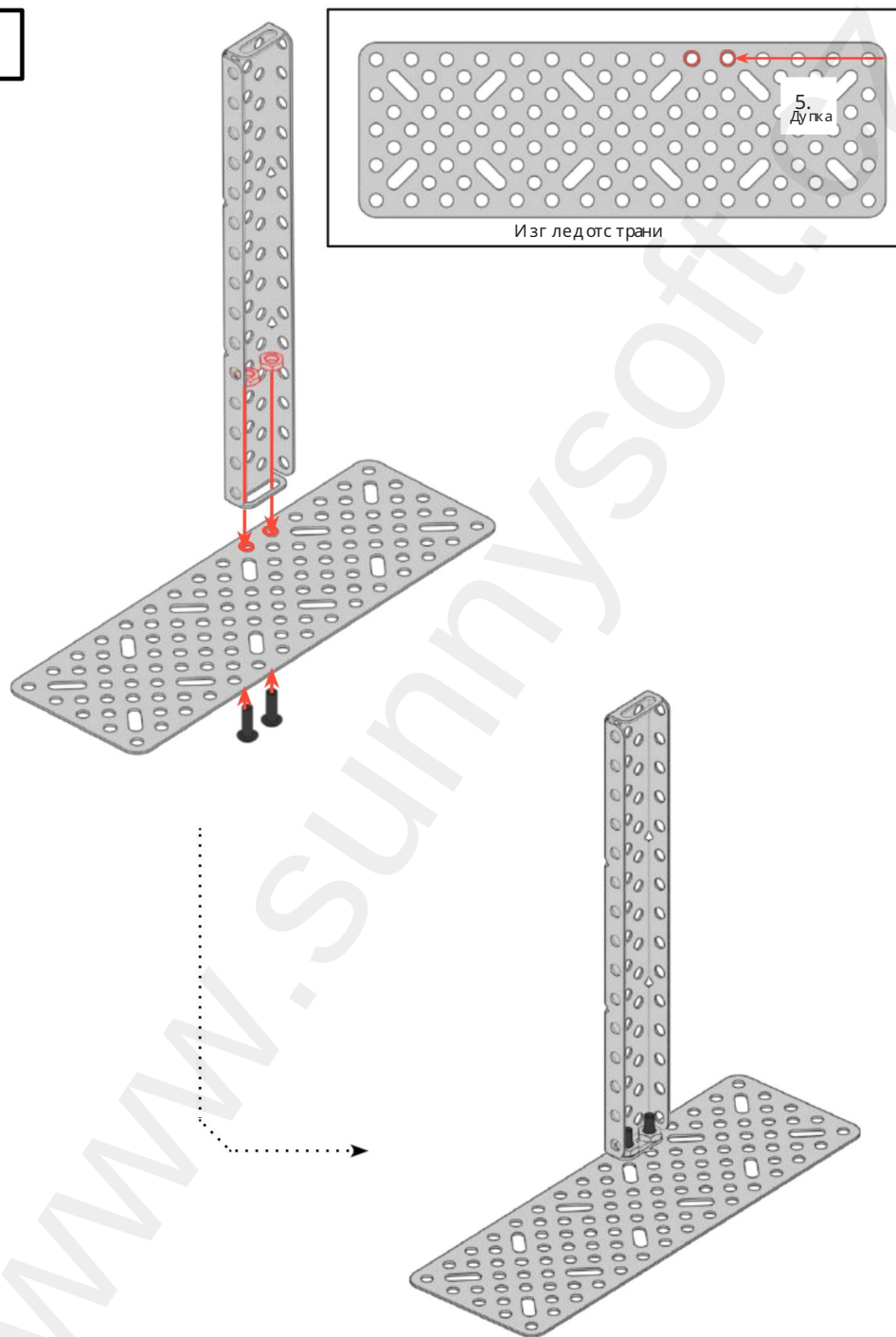


12 мм винтове
x15

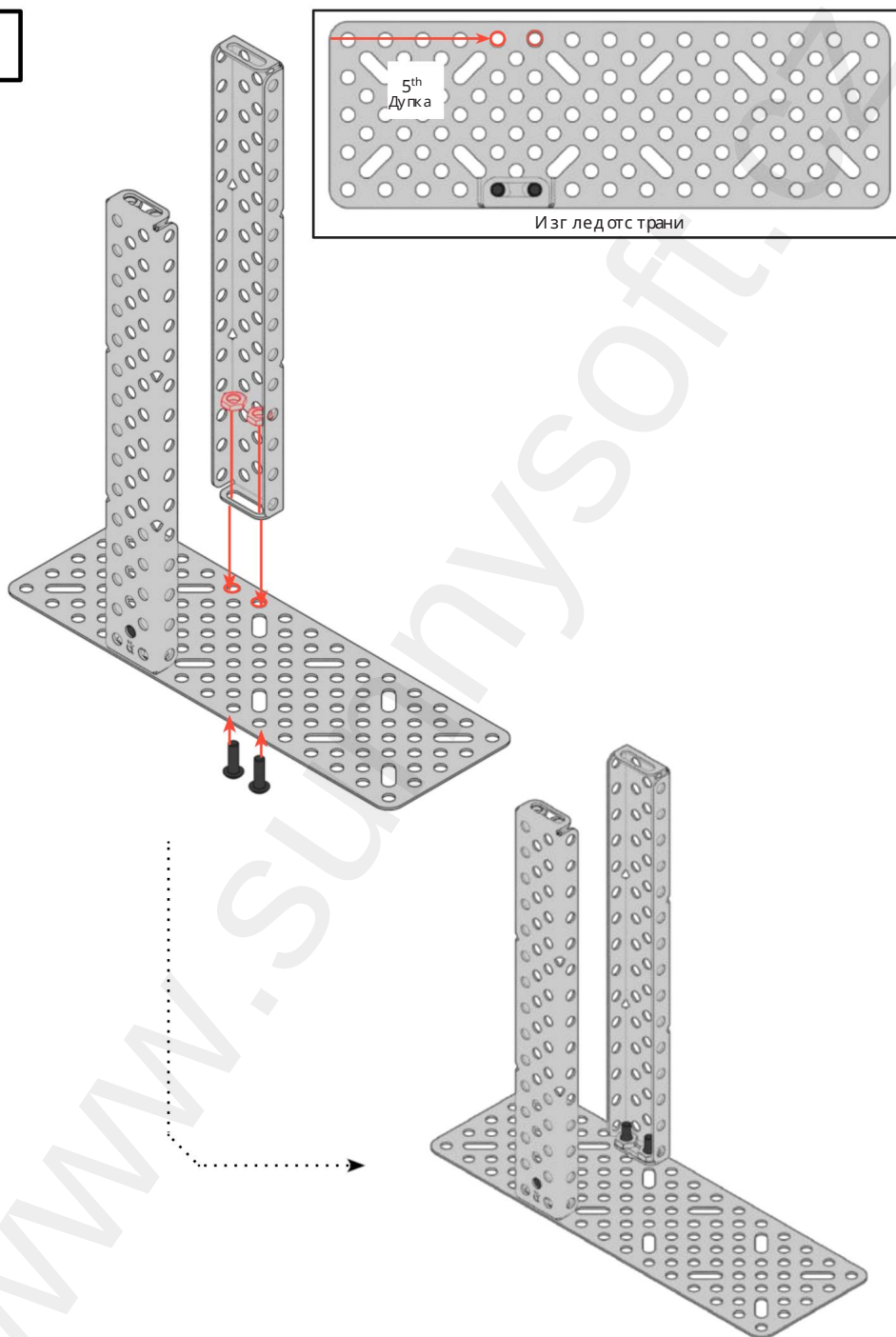


Пласмасова кука x 1
бр

1

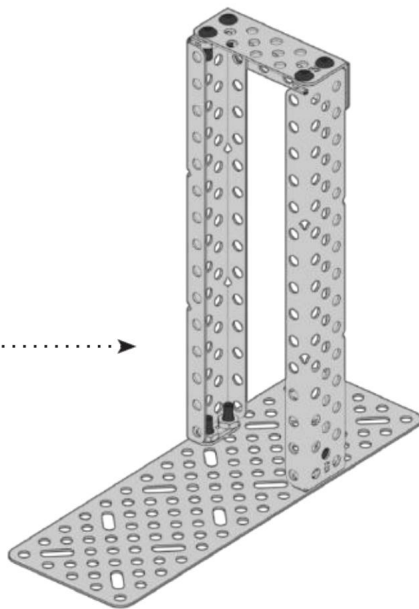
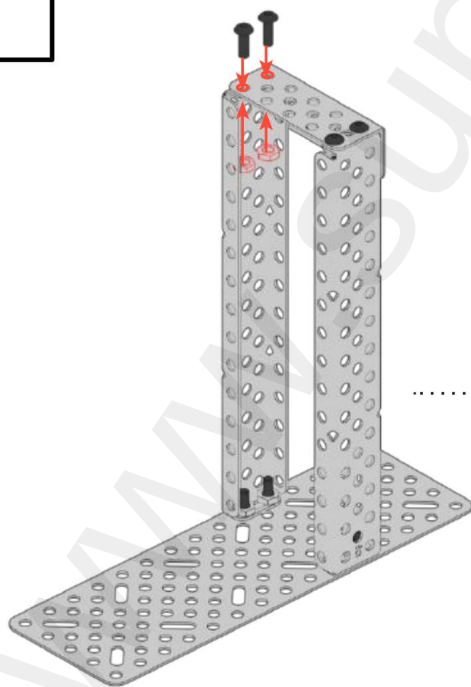
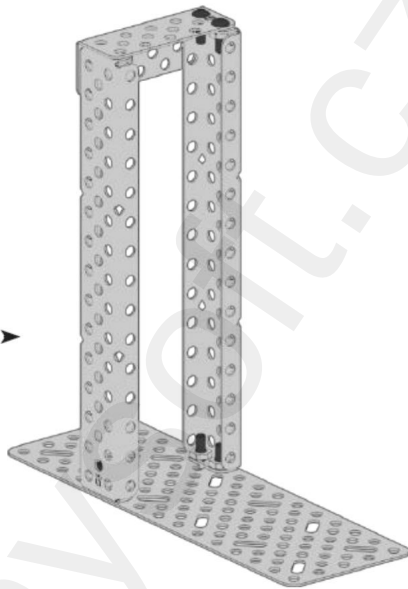
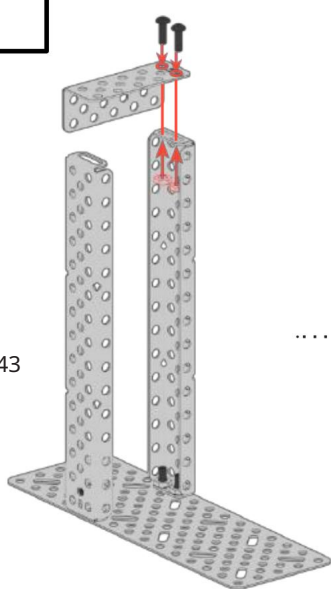


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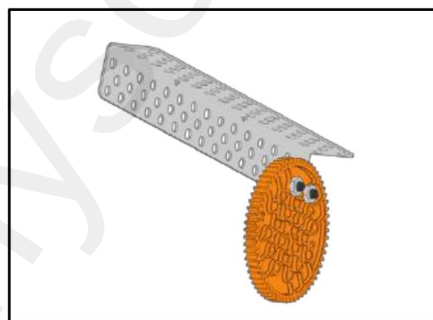
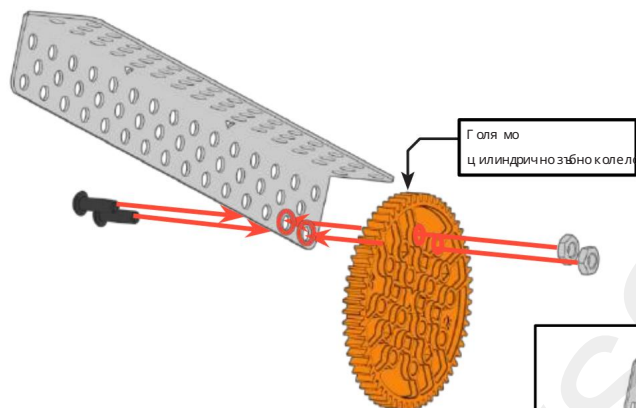




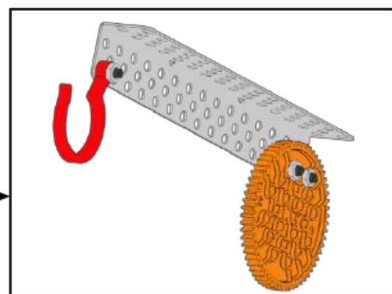
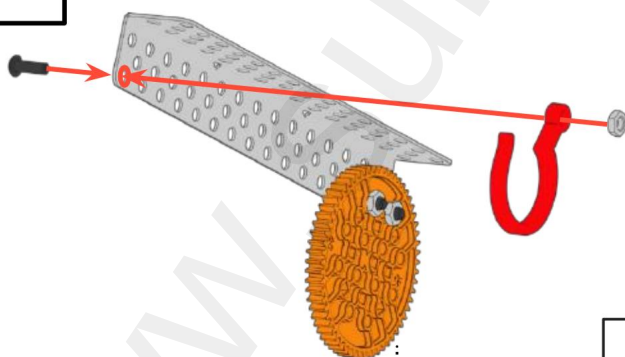
43

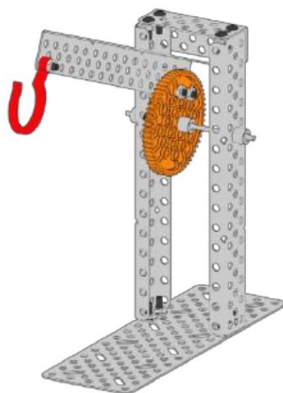
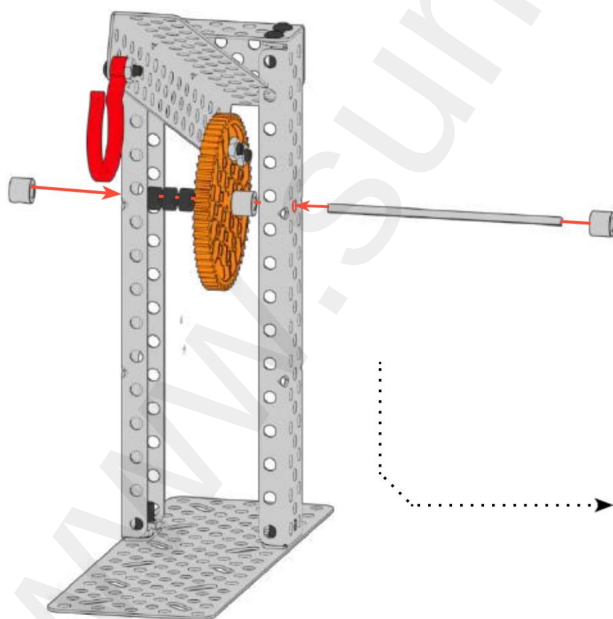
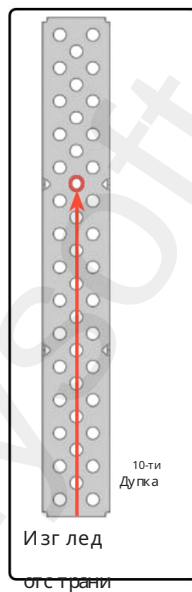
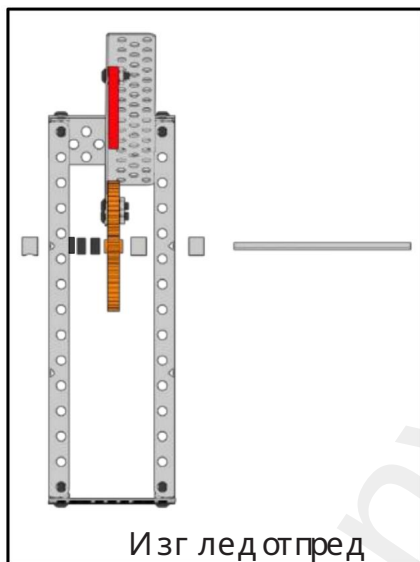


5



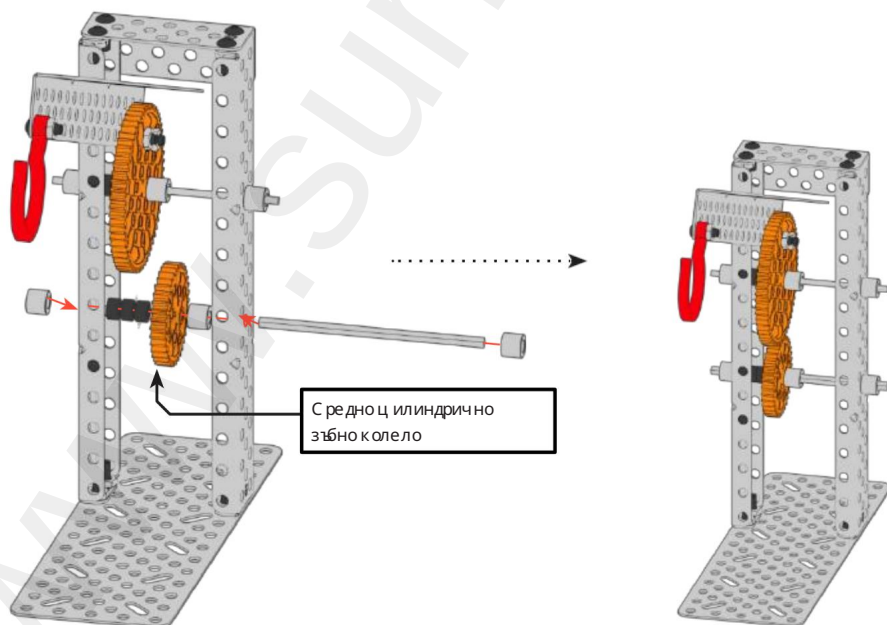
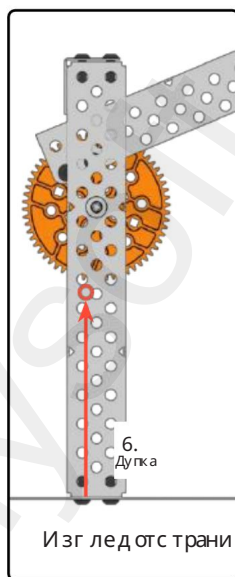
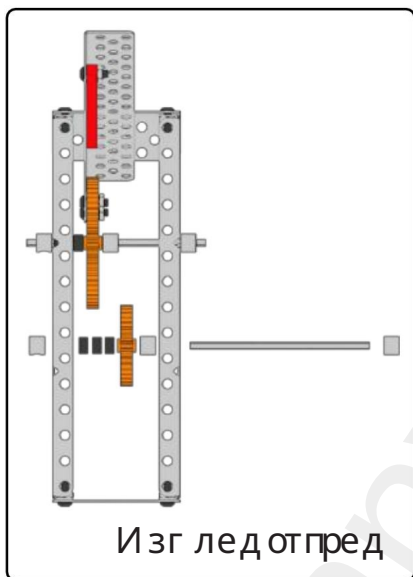
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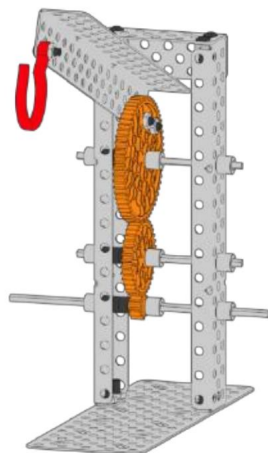
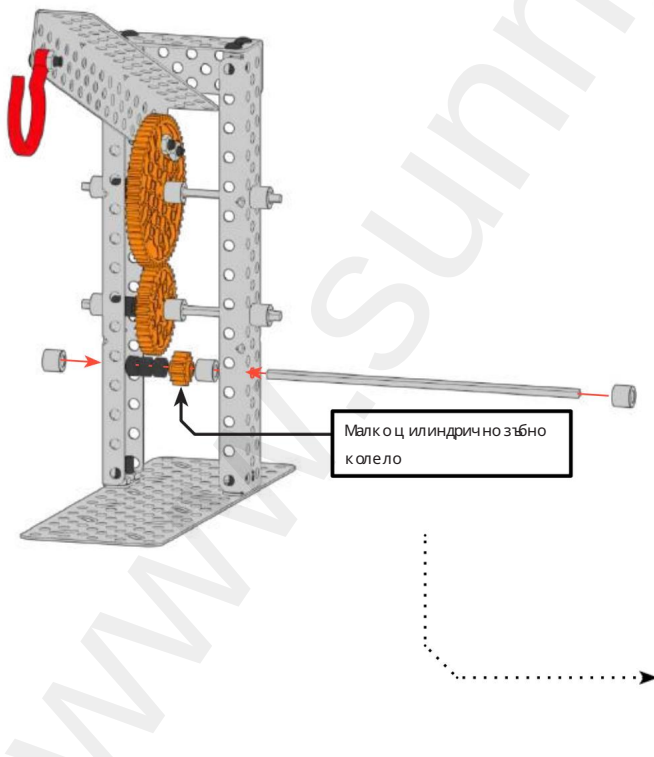
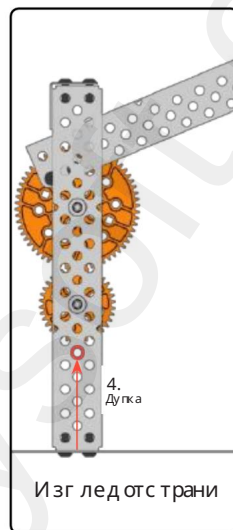
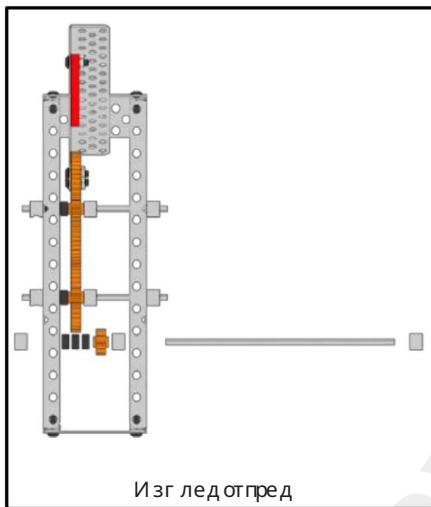


8

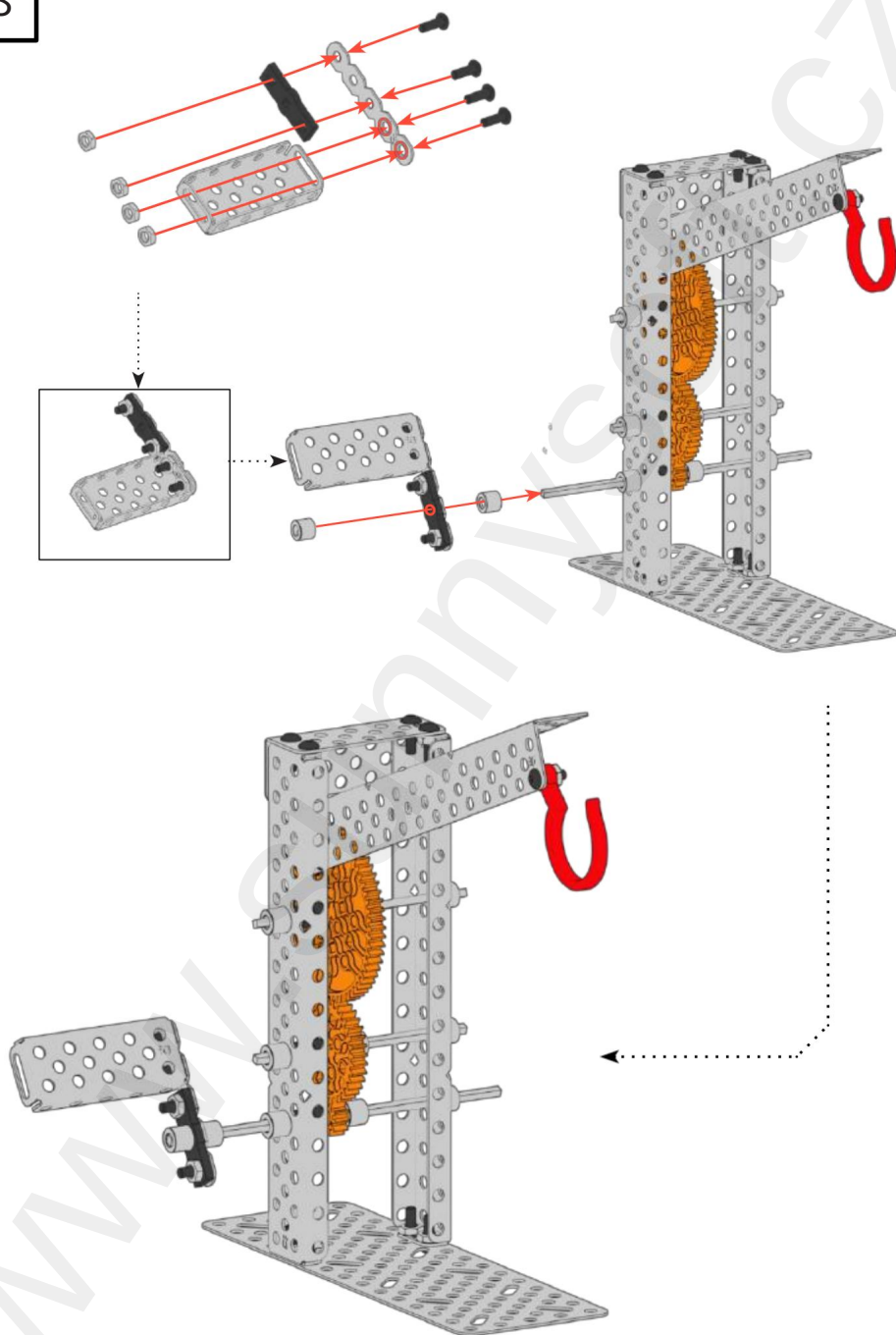
Лекарство 1:1 3.5



9

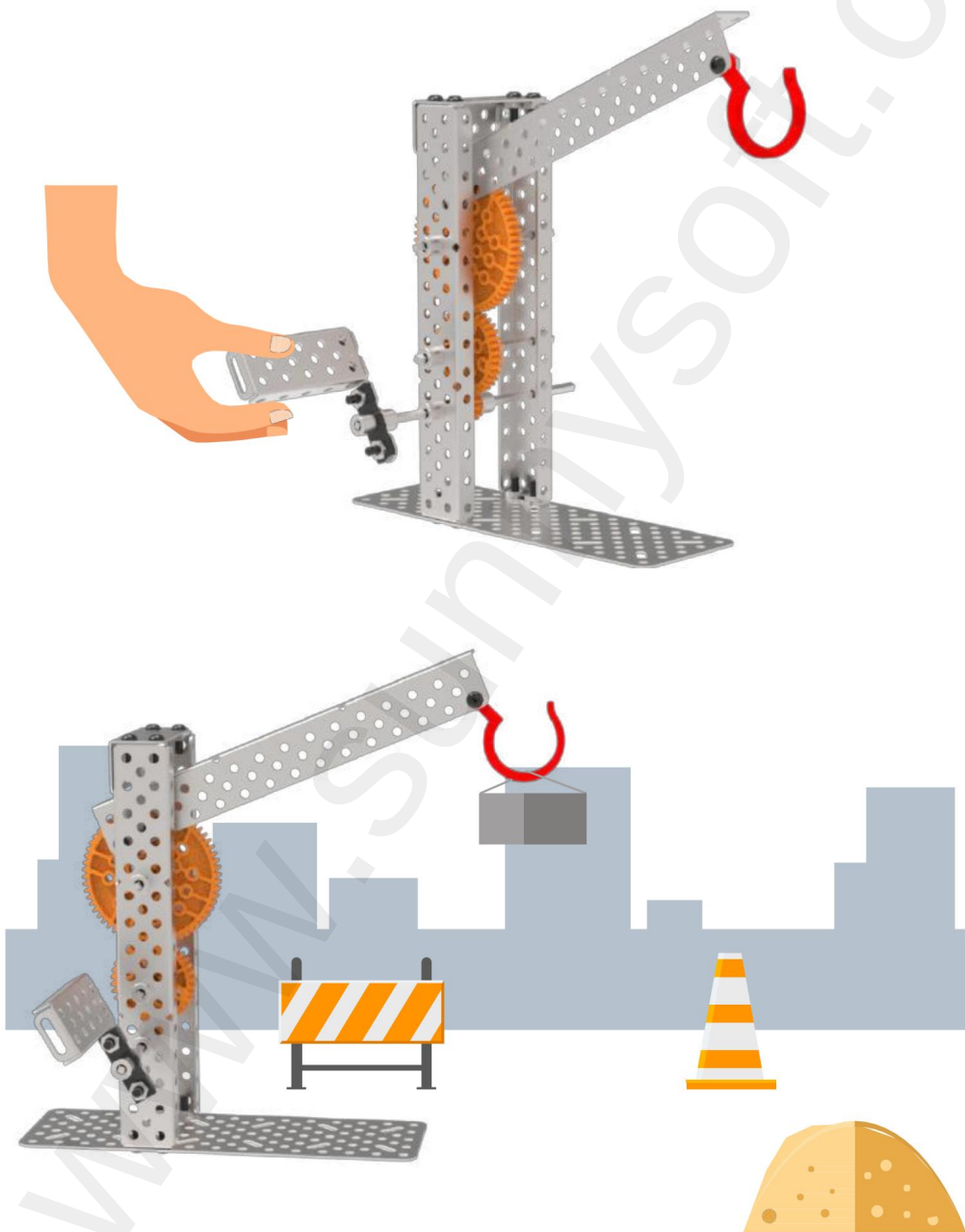


8

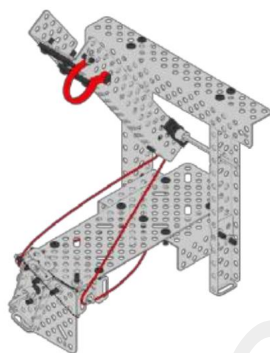


Как се играе с кран

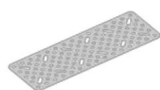
- Завъртете лоста/дръжката, за да повдигнете предмета и крана.



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



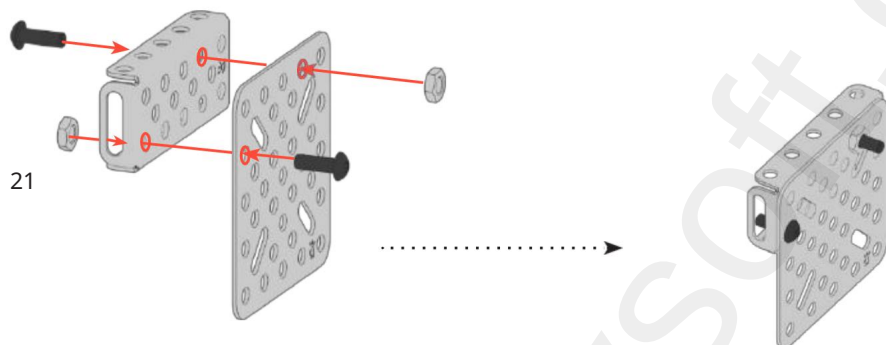
Платмасова кука
x1



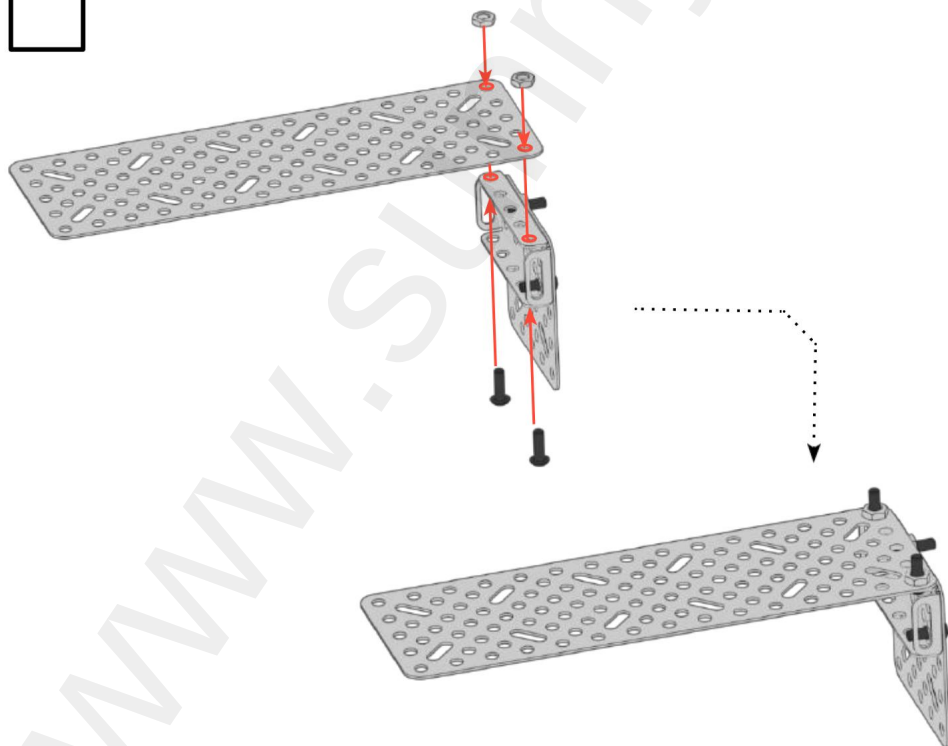
Г-опяма гума
лента
x1



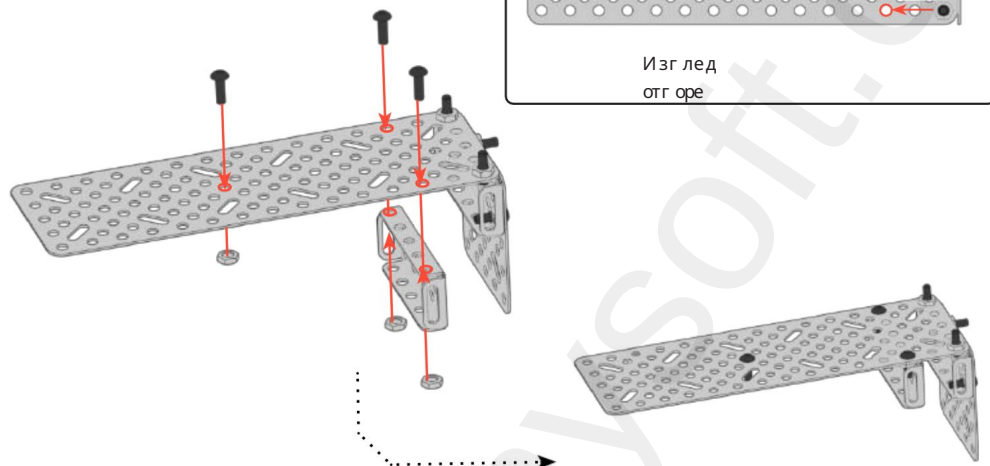
Малка гума
лента
x1



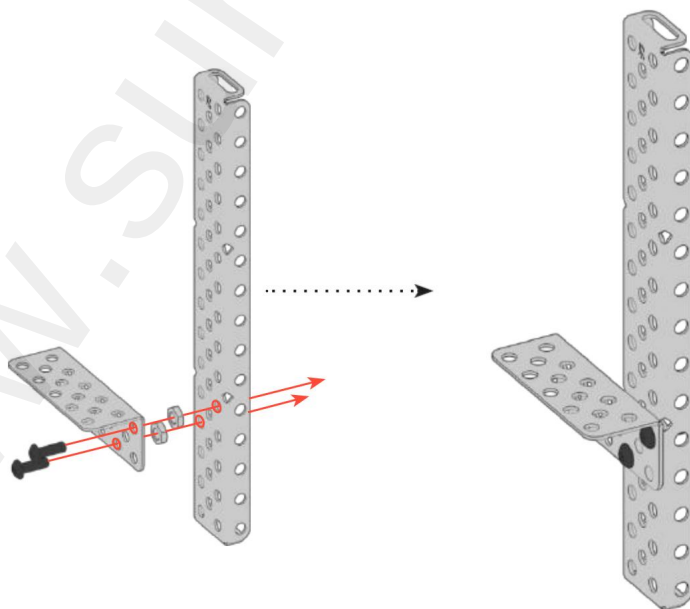
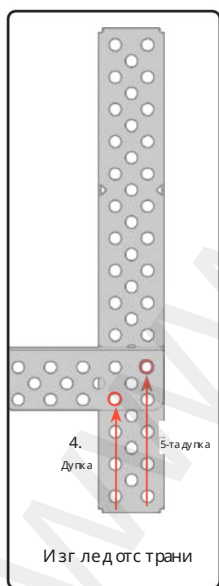
21



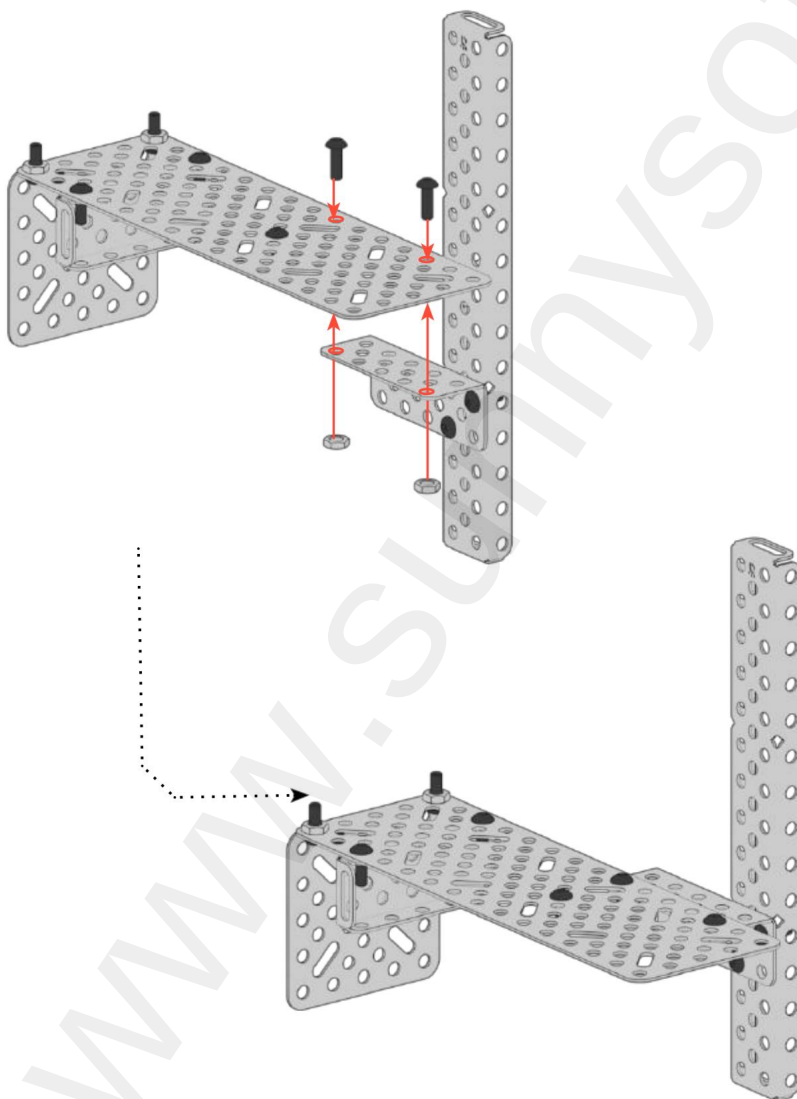
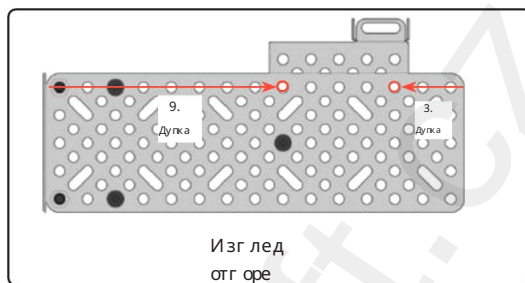
3



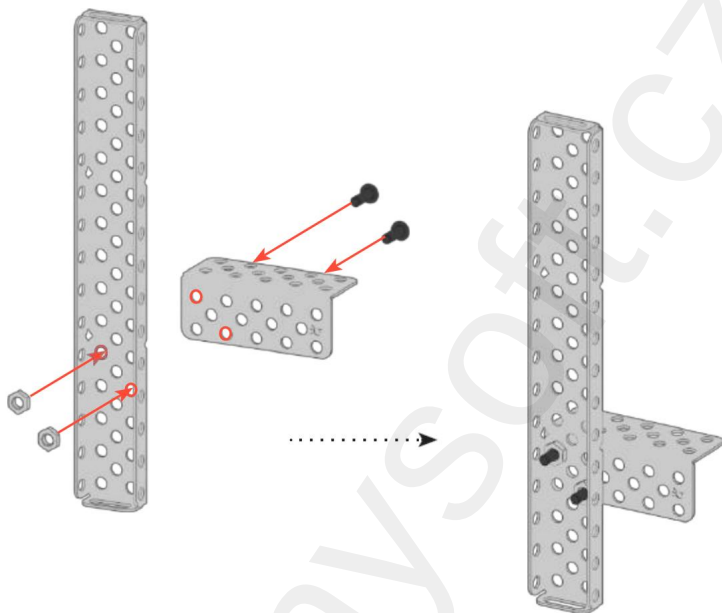
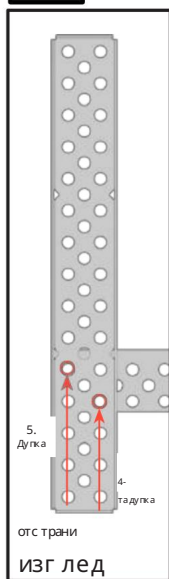
4



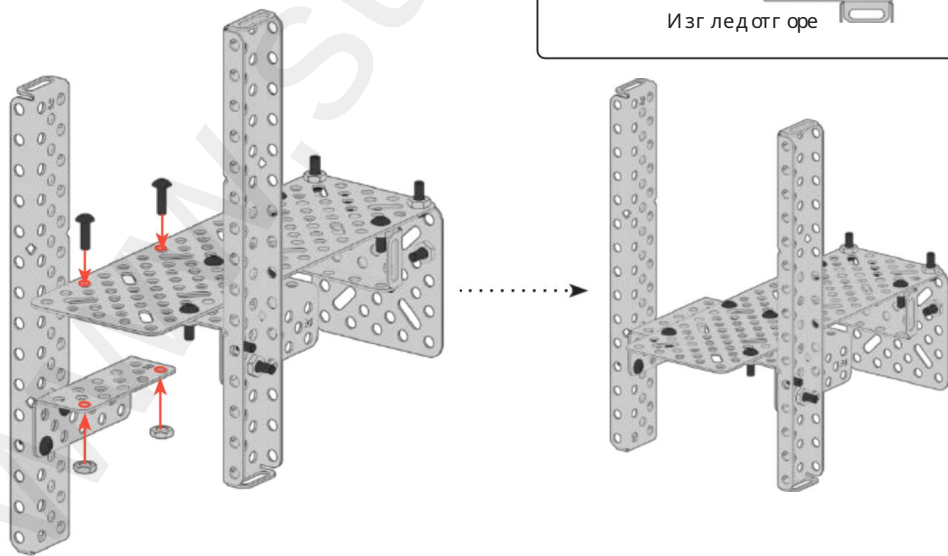
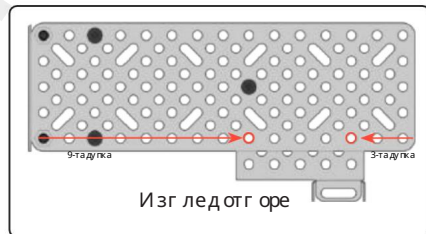
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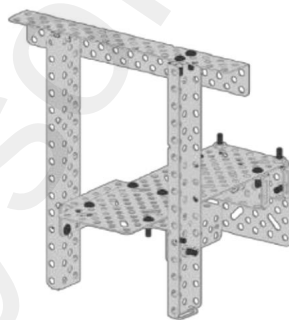
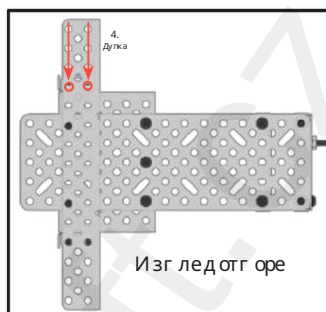
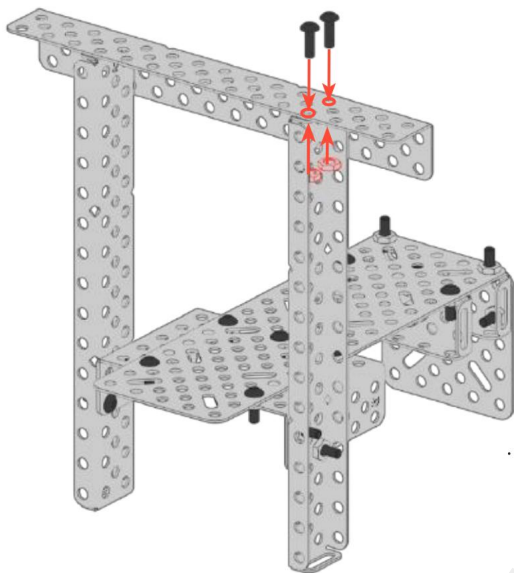
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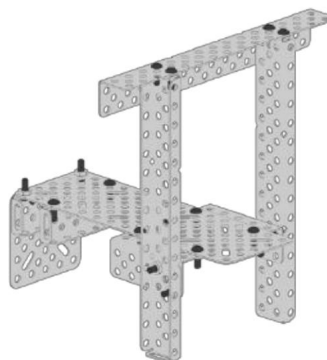
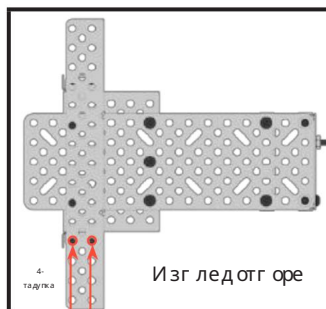
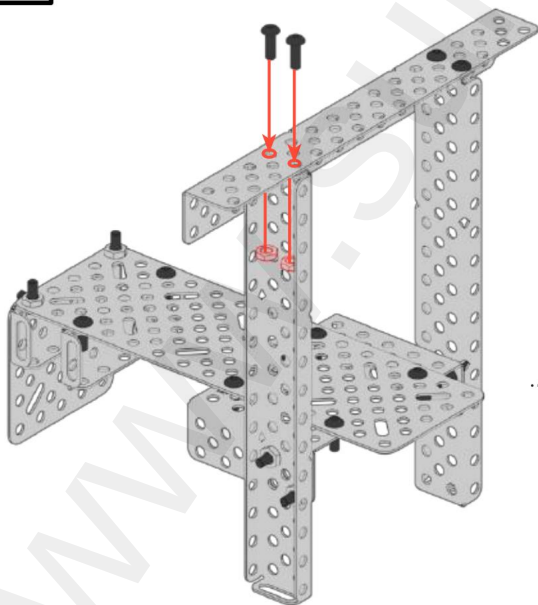
7



8

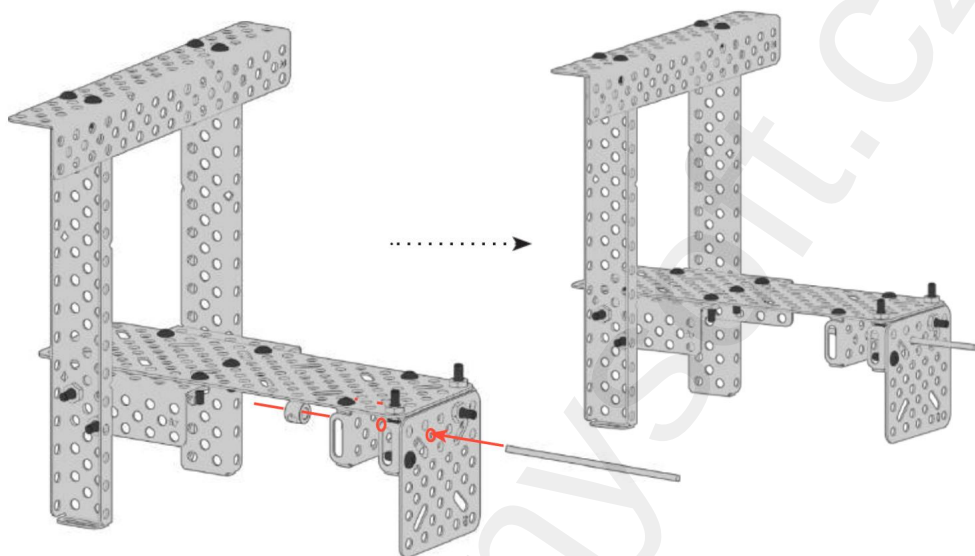


9



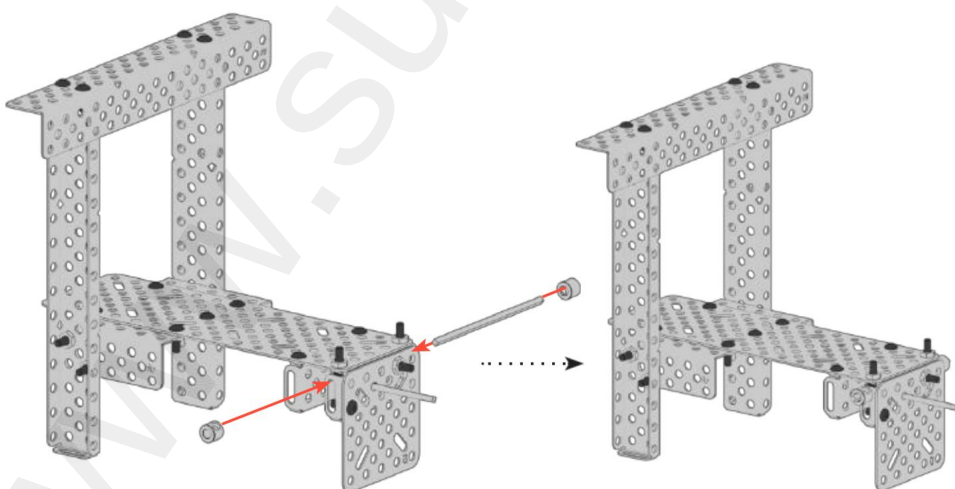
10

Лекарство 1:1 3.5

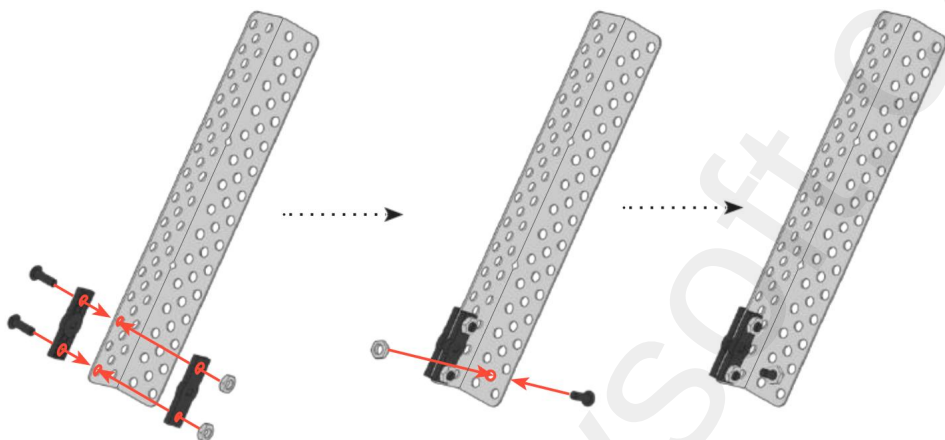


11

Лекарство 1:1 3.5

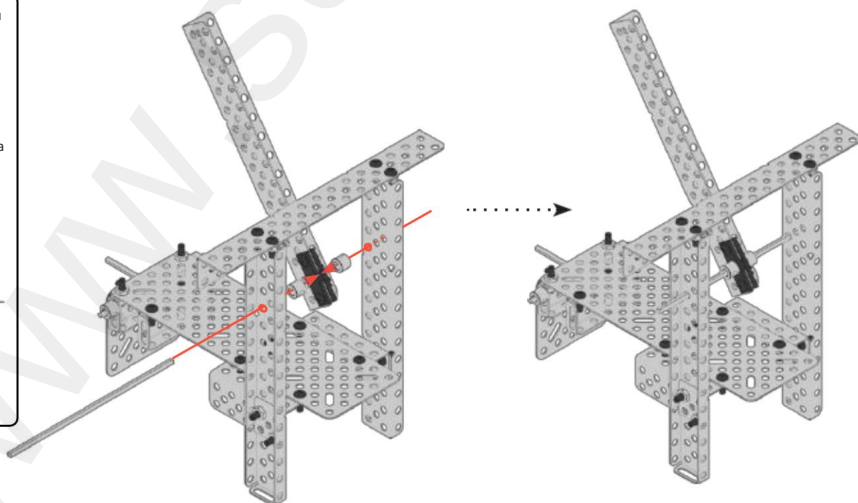
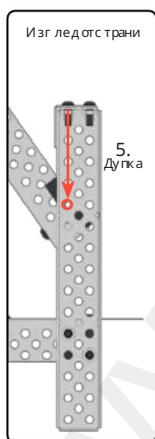


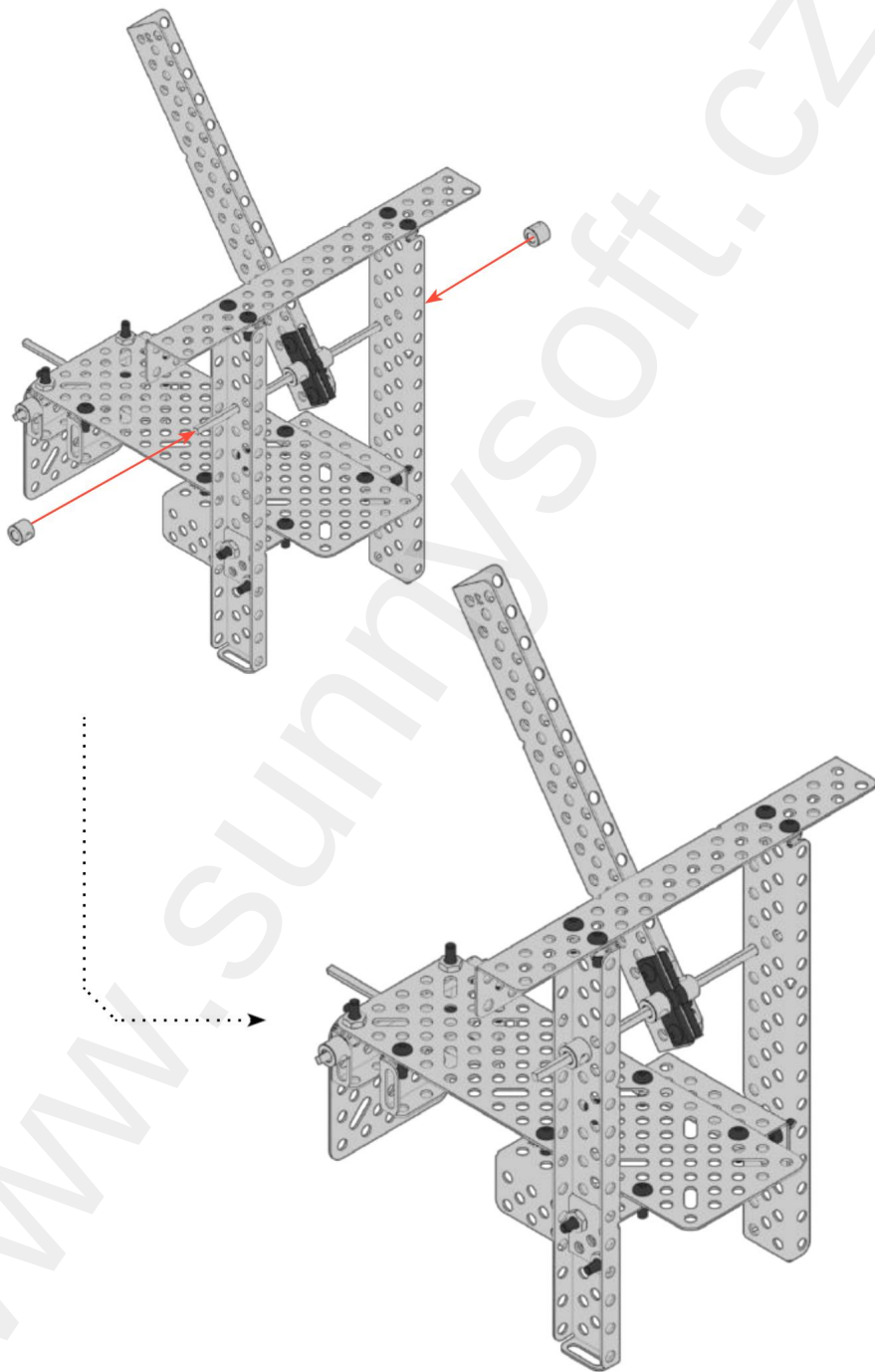
12



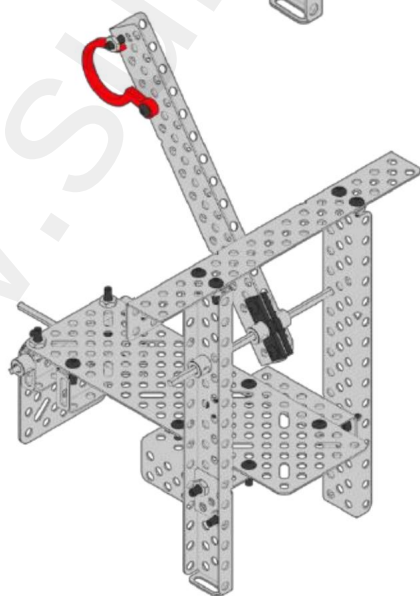
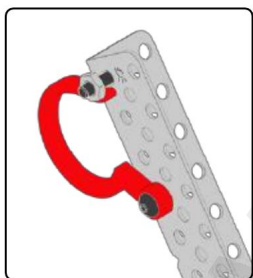
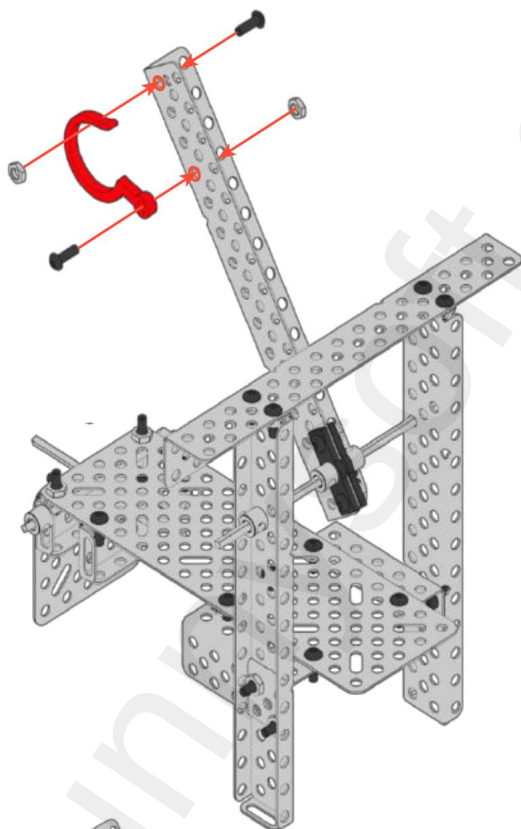
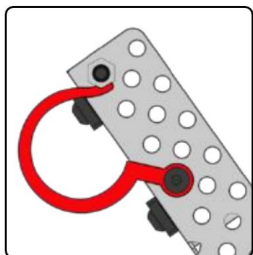
Лекарство 1: 5.5

13

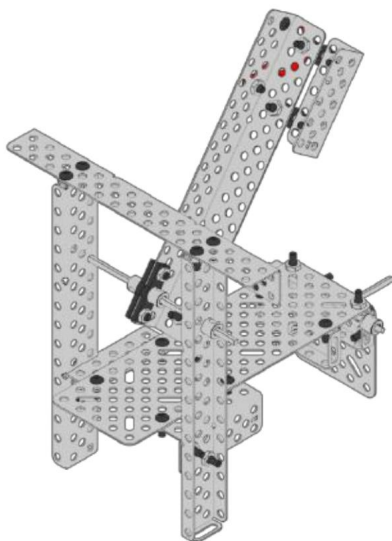
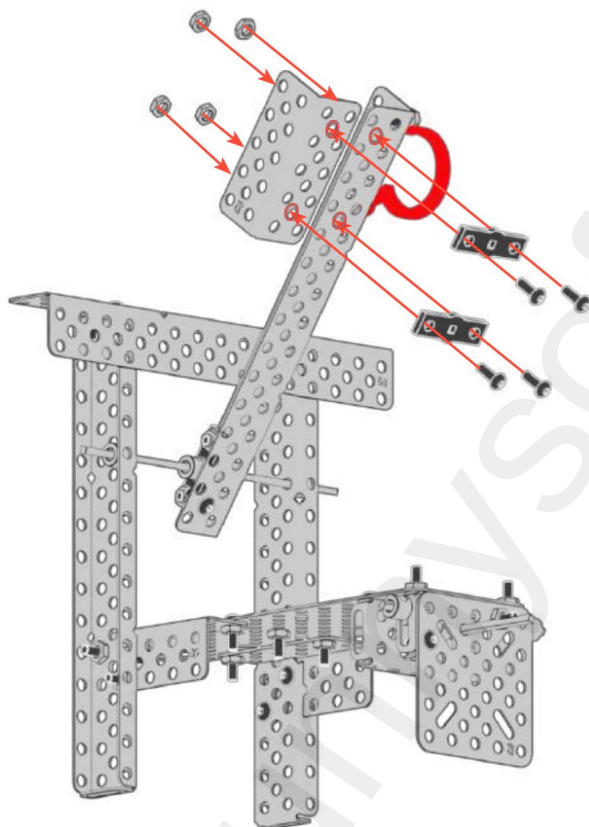




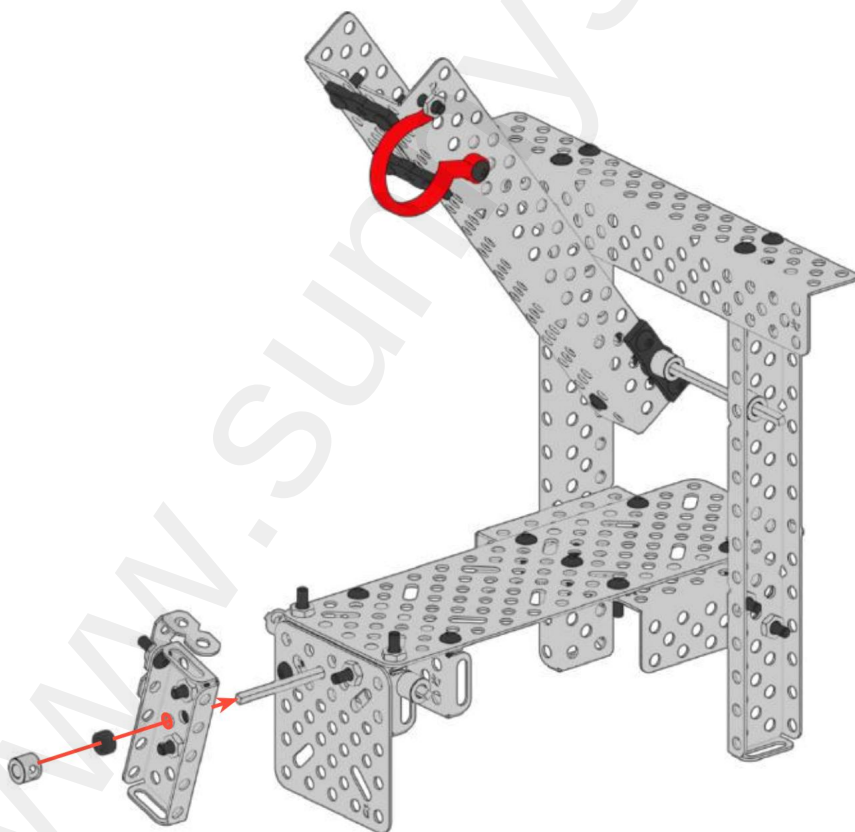
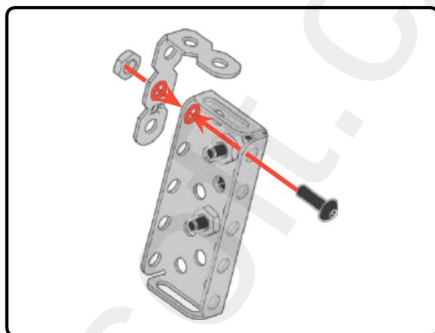
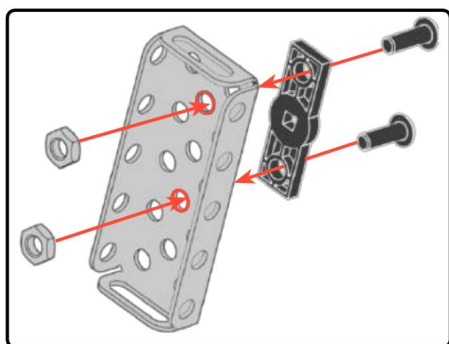
15



16

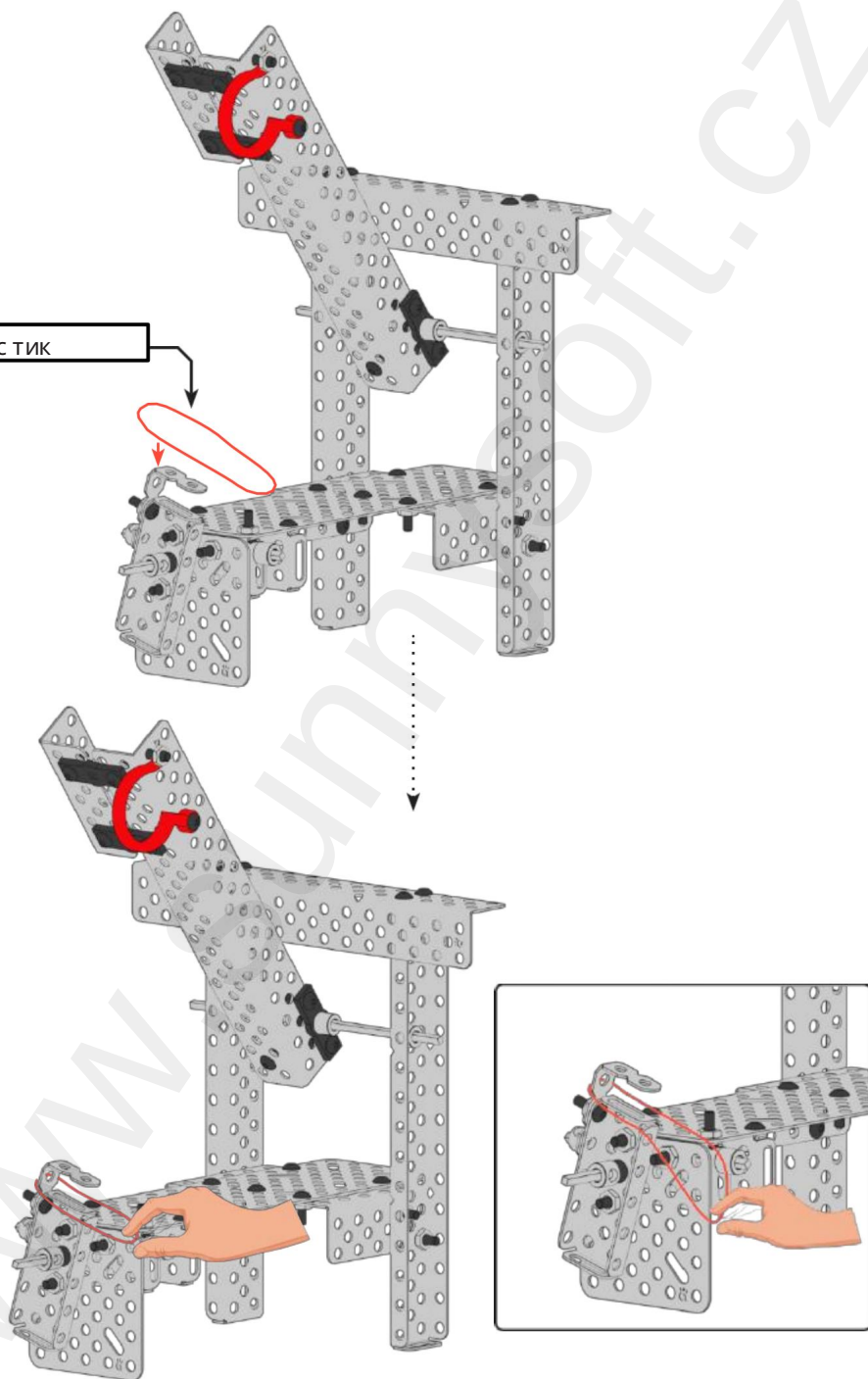


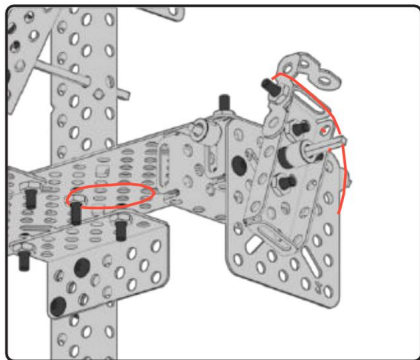
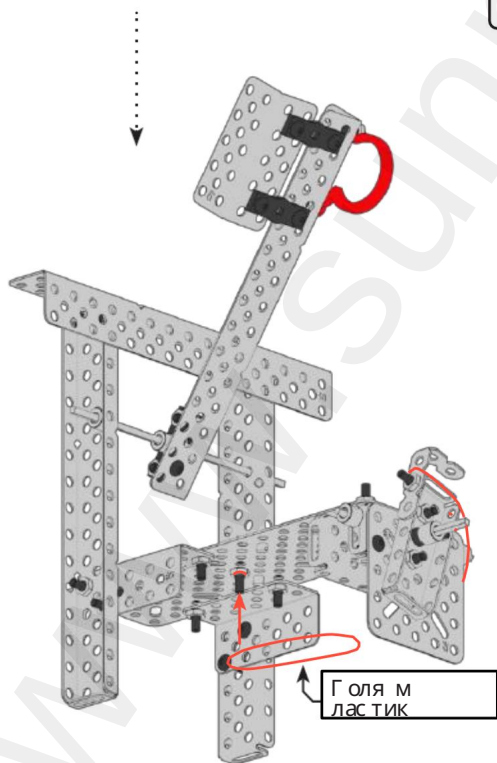
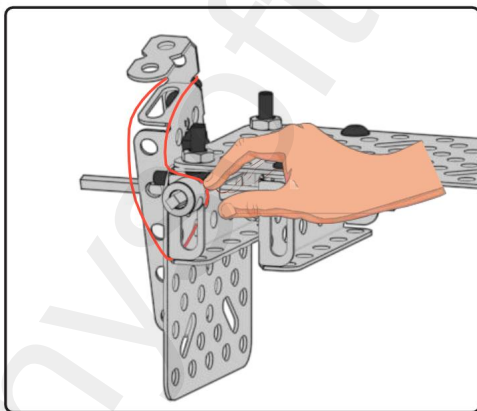
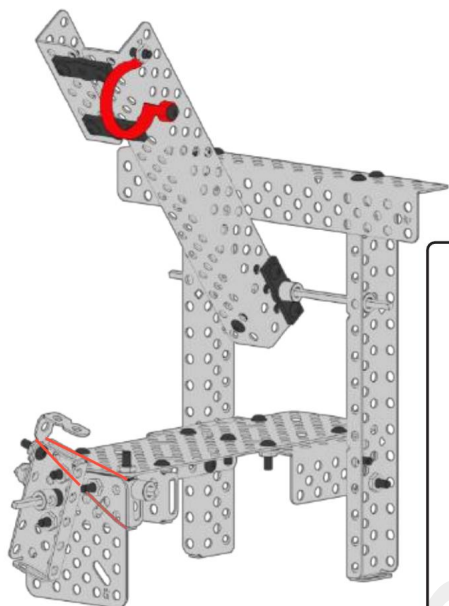
17

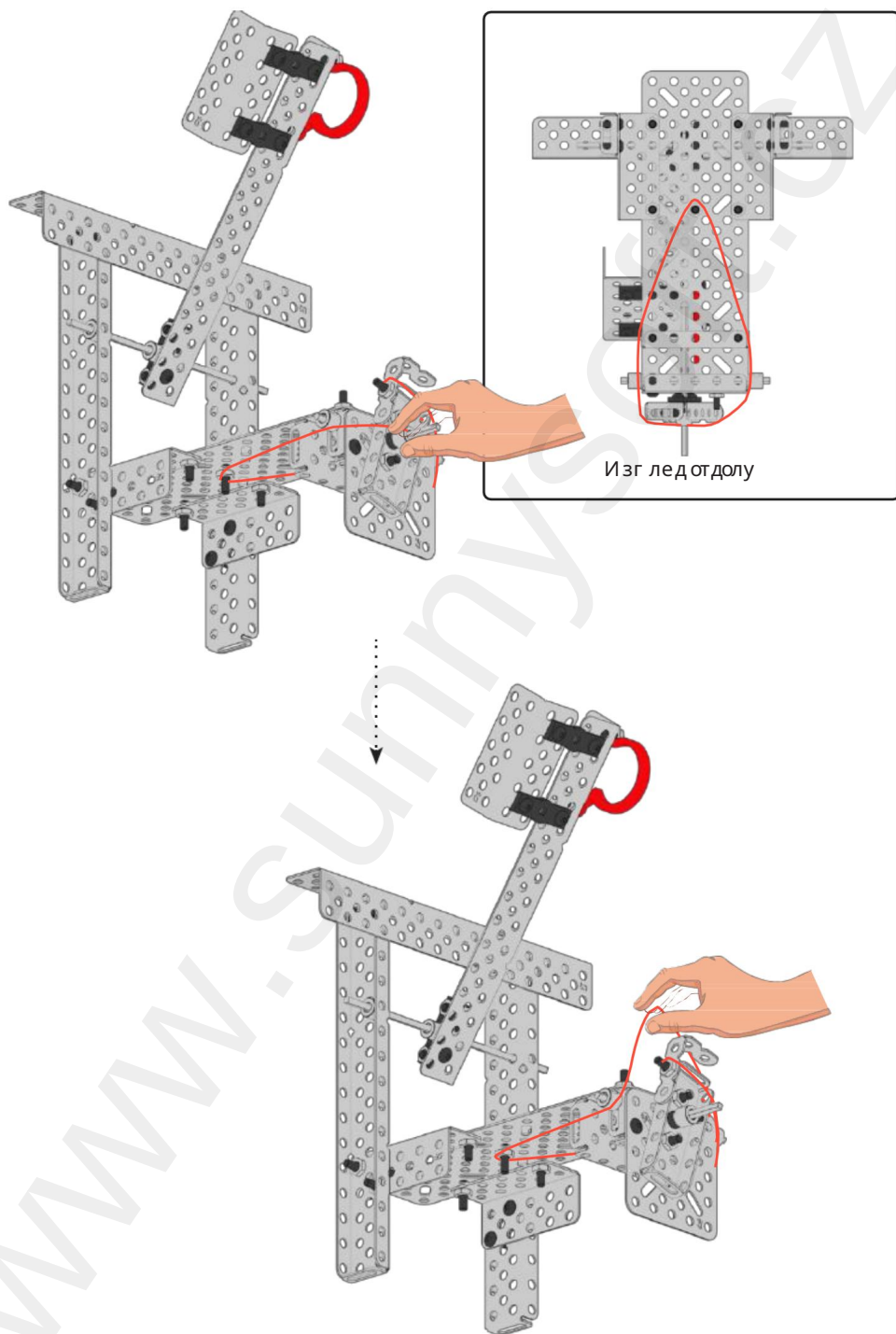


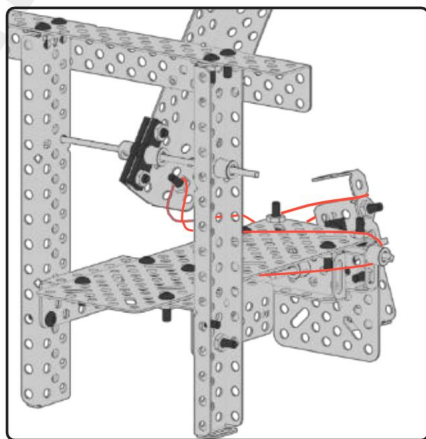
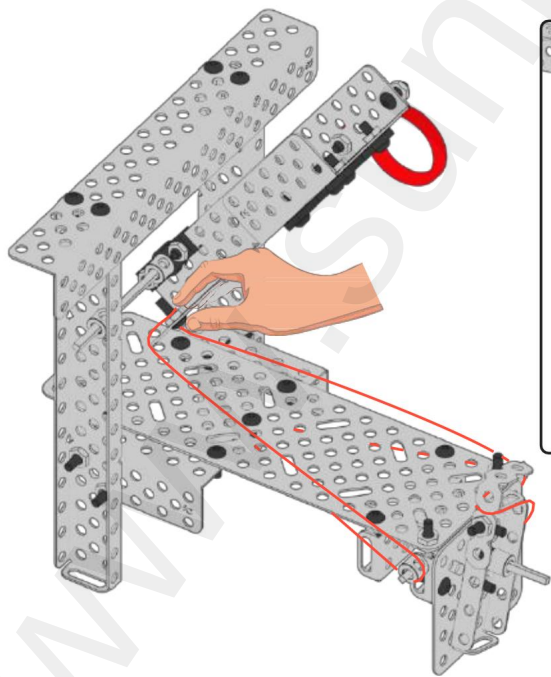
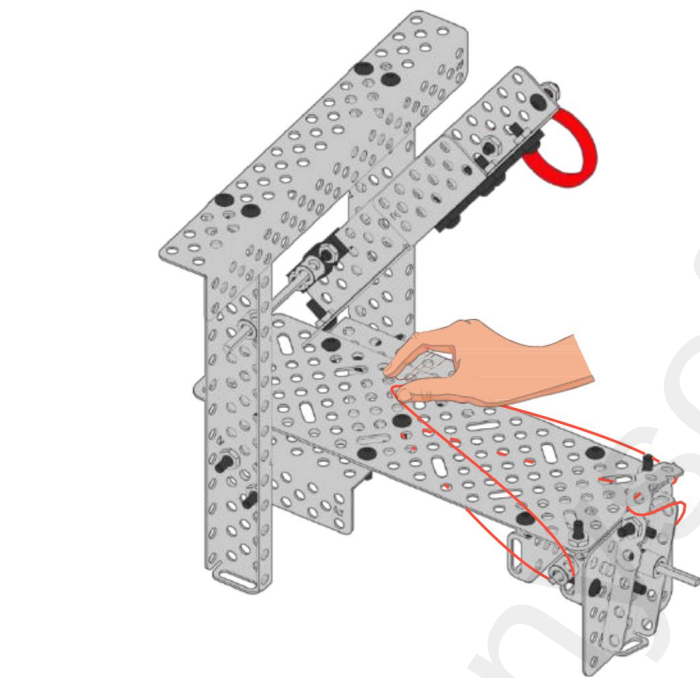
18

Малък ластик



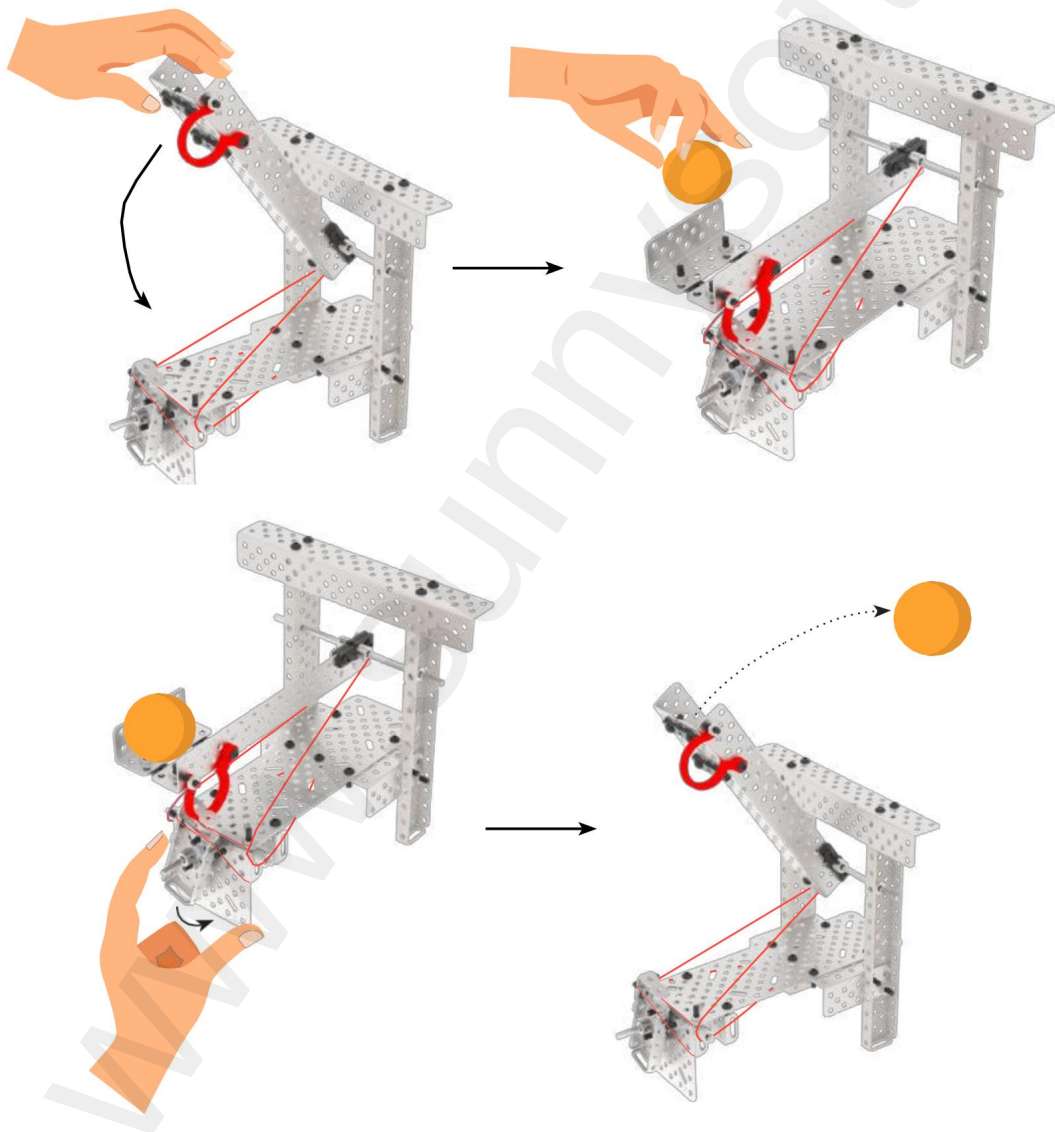




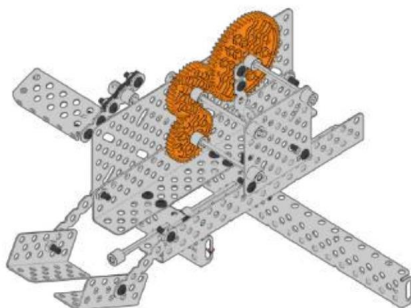


Как с е иг рае с катапулт

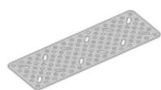
- Издърпайте ржката надолу
- Поставете клю чалката.
- Поставете топката.
- Ос вободете клю чалката.
- Топката с е движи напред.



Проект 5: Стрелба с топка



Какво ще ви трябва?



7,5"
Праволъгълна
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



Заключавач
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

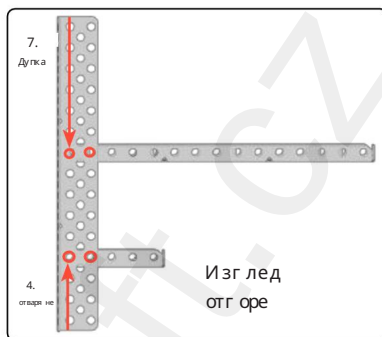
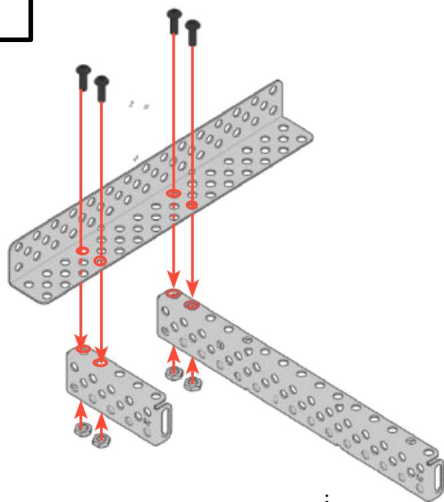


Голям фронтален
зъбно колело x1

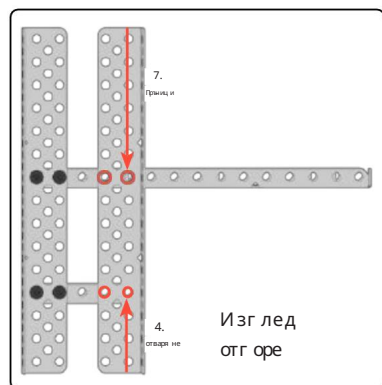
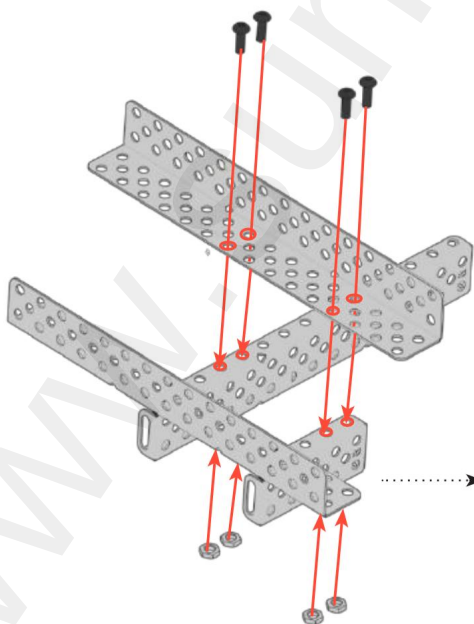


Средна фронтална
зъбно колело
x2

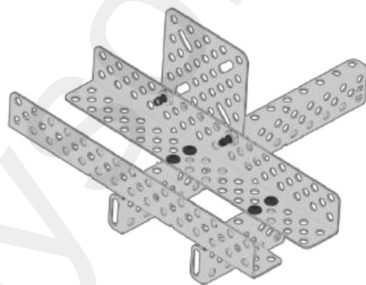
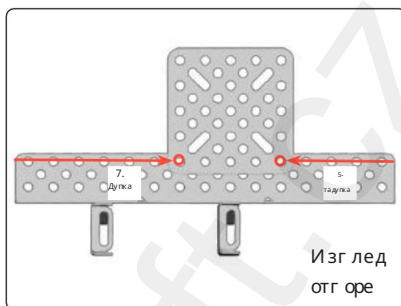
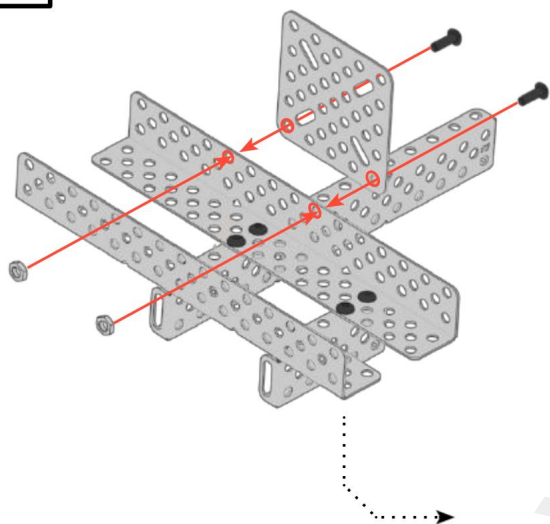
1



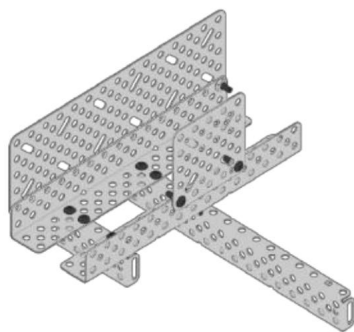
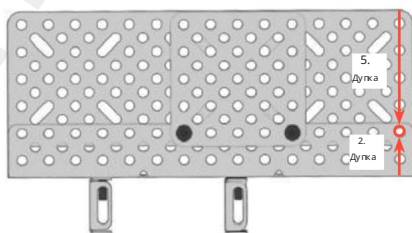
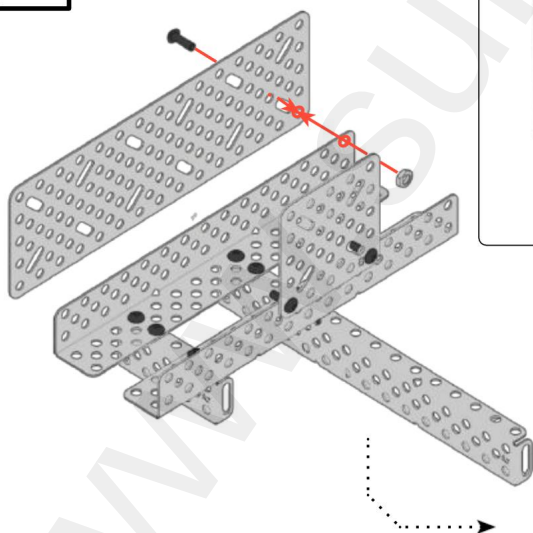
2



3

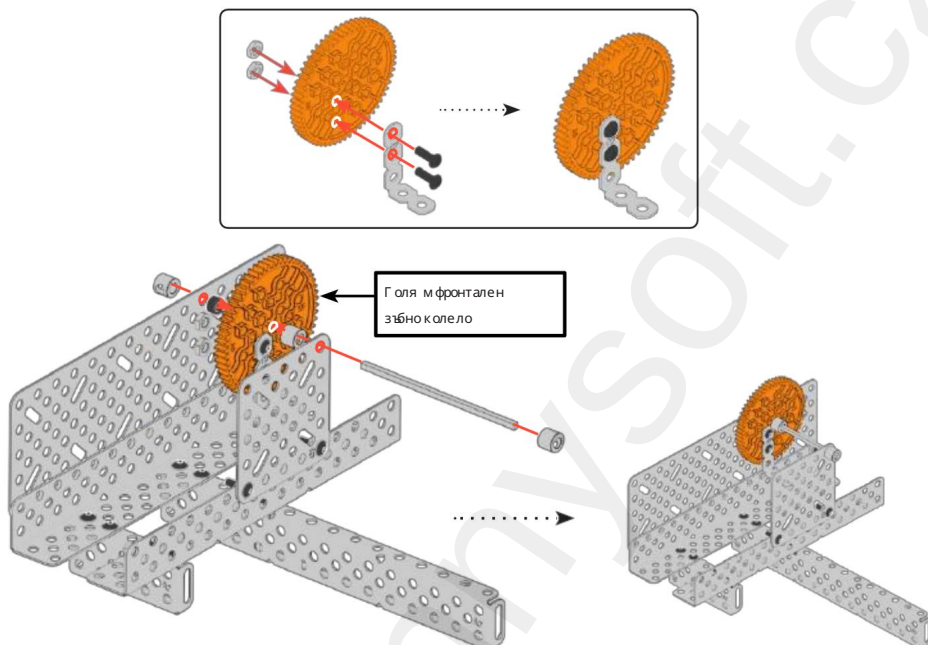


4



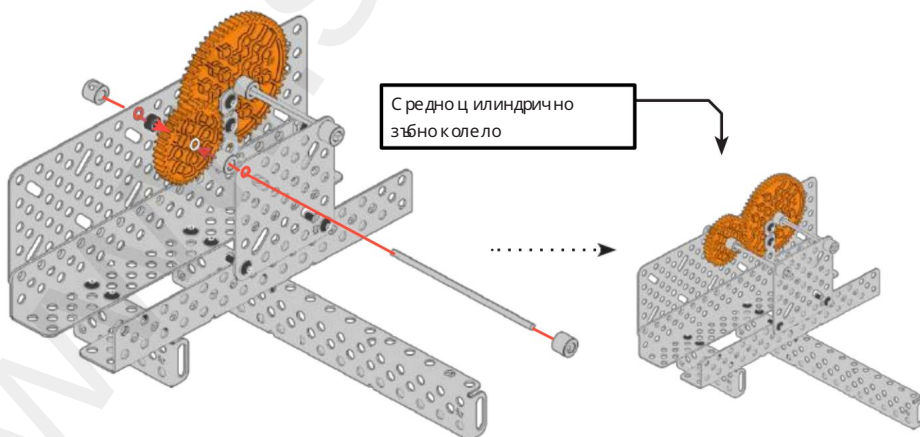
5

Лекарство 1:1 3.5

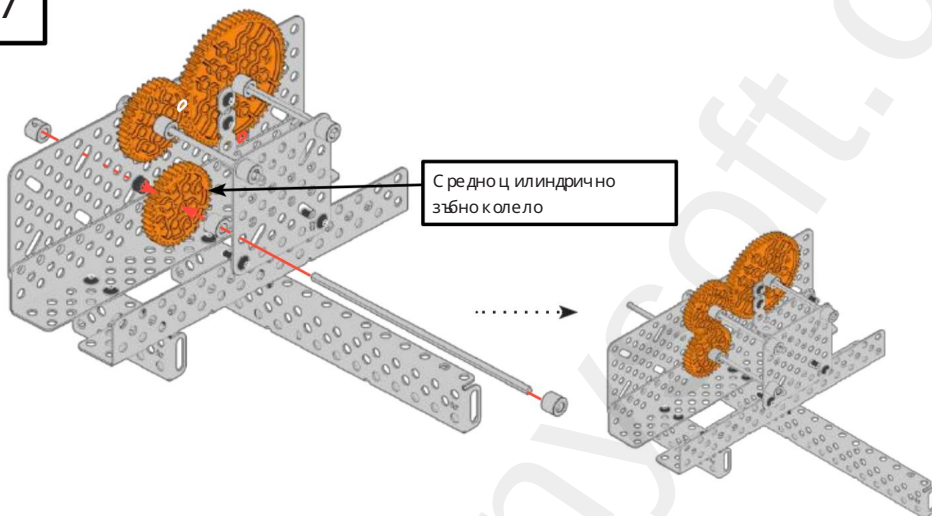


6

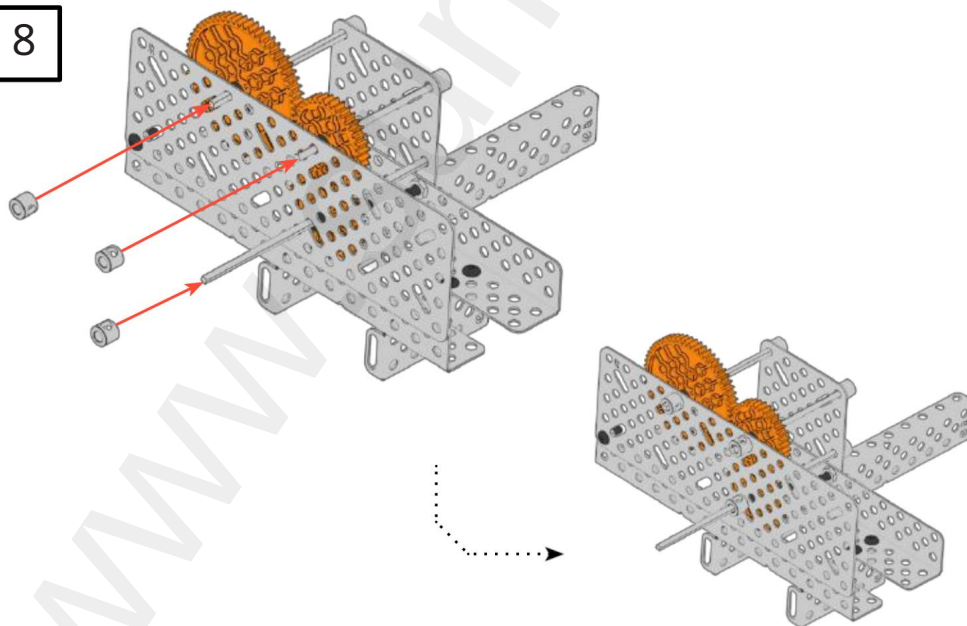
Лекарство 1:1 3.5



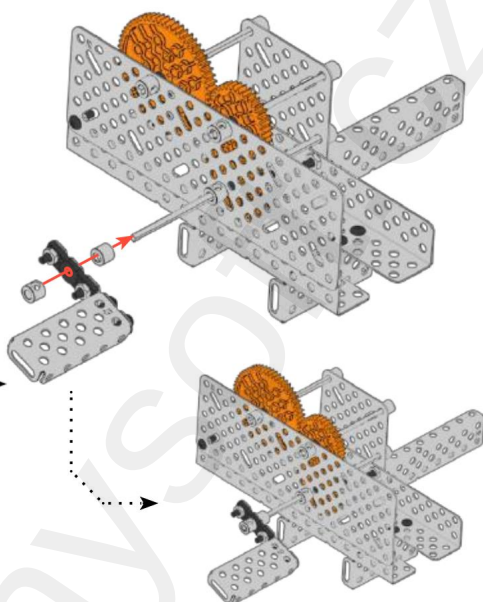
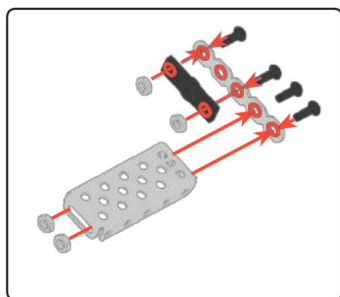
7



8

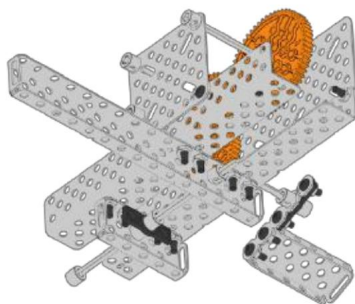
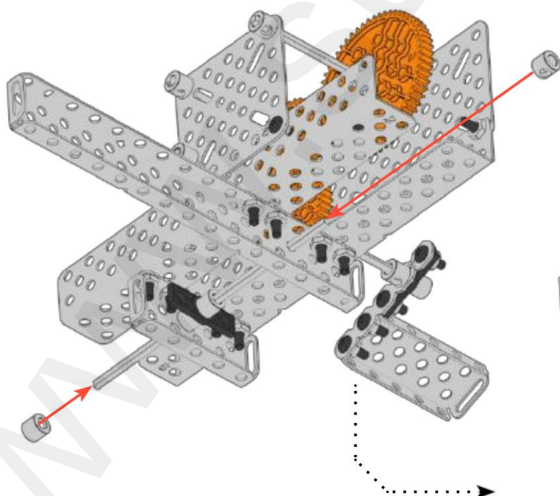


9

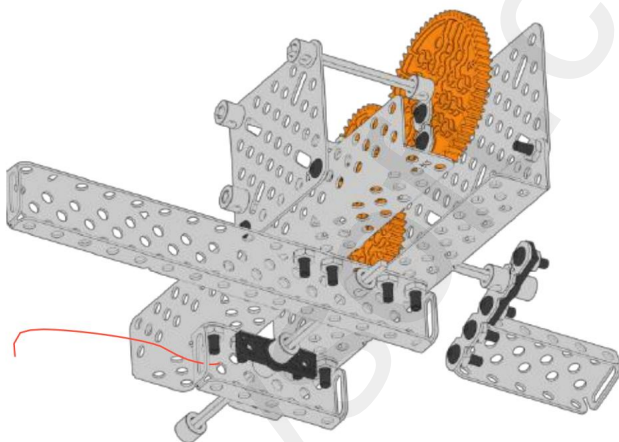
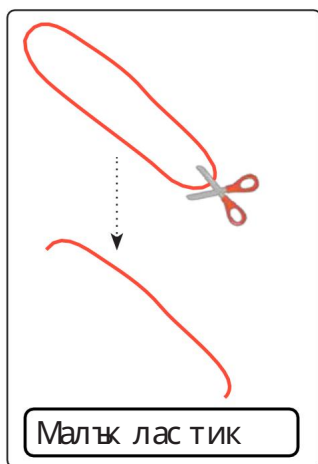


Лекарство 1:1 5.5

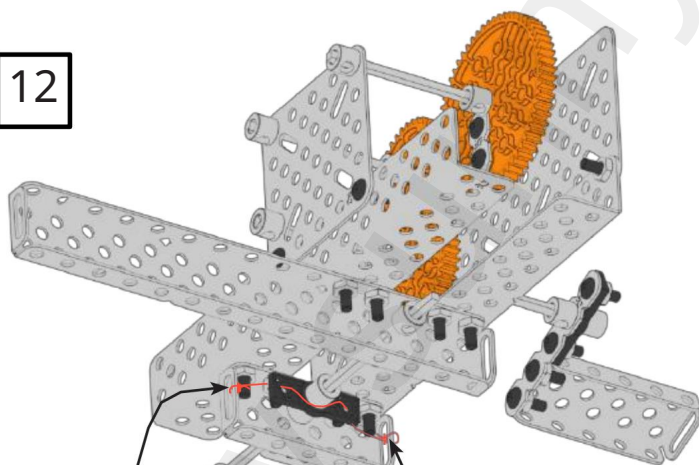
10



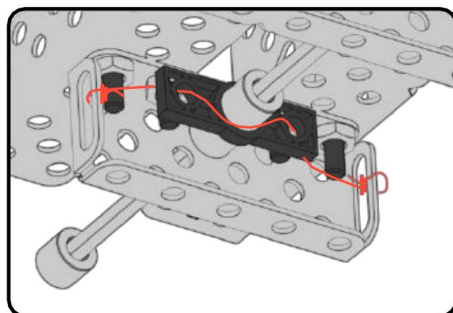
11



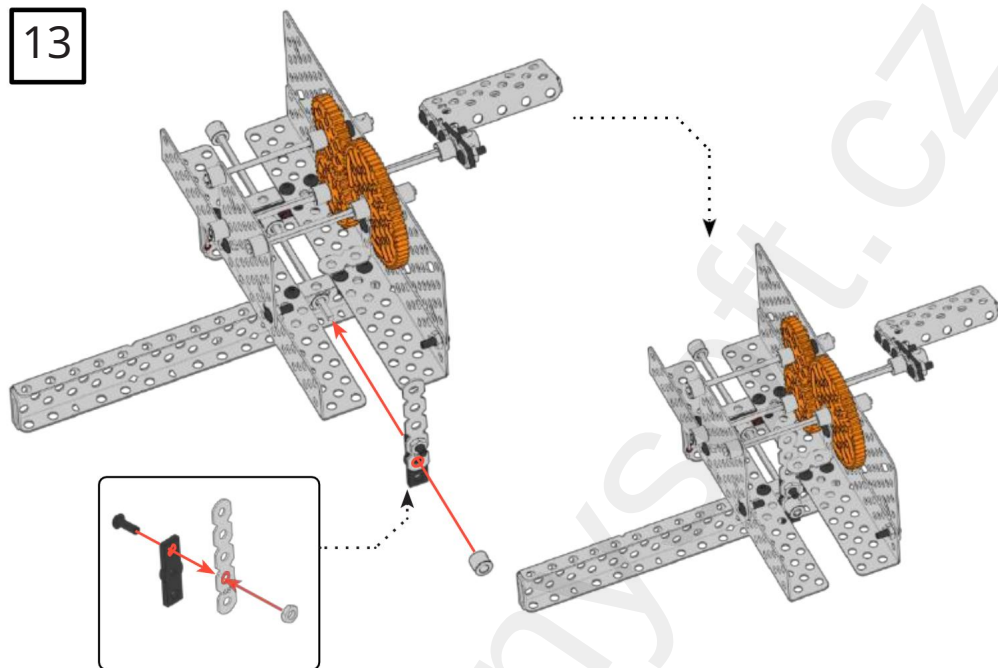
12



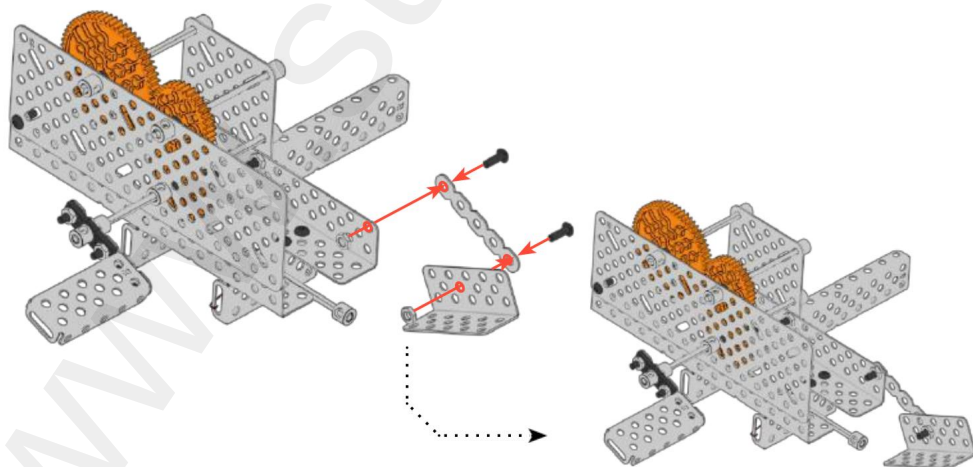
Завържете възел!

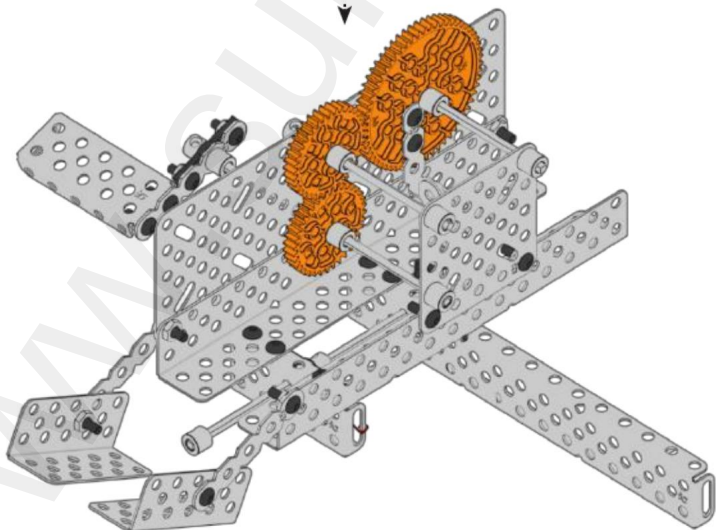
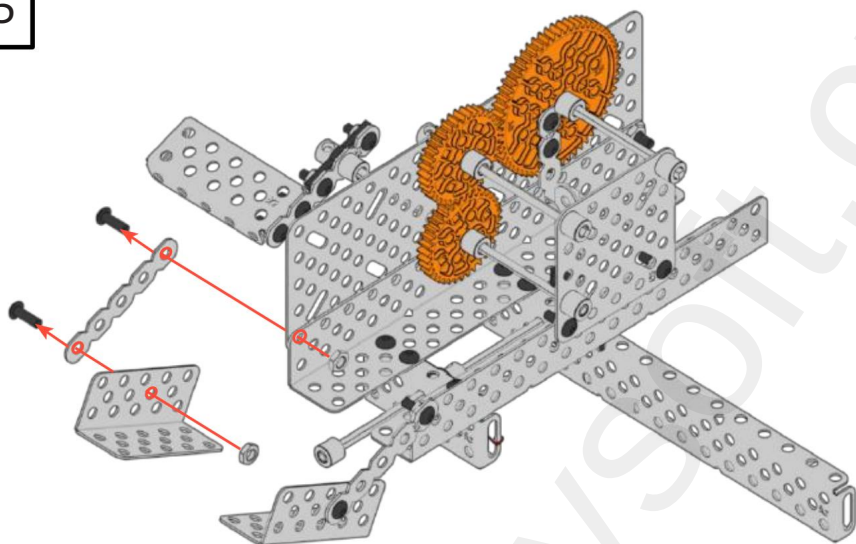


13



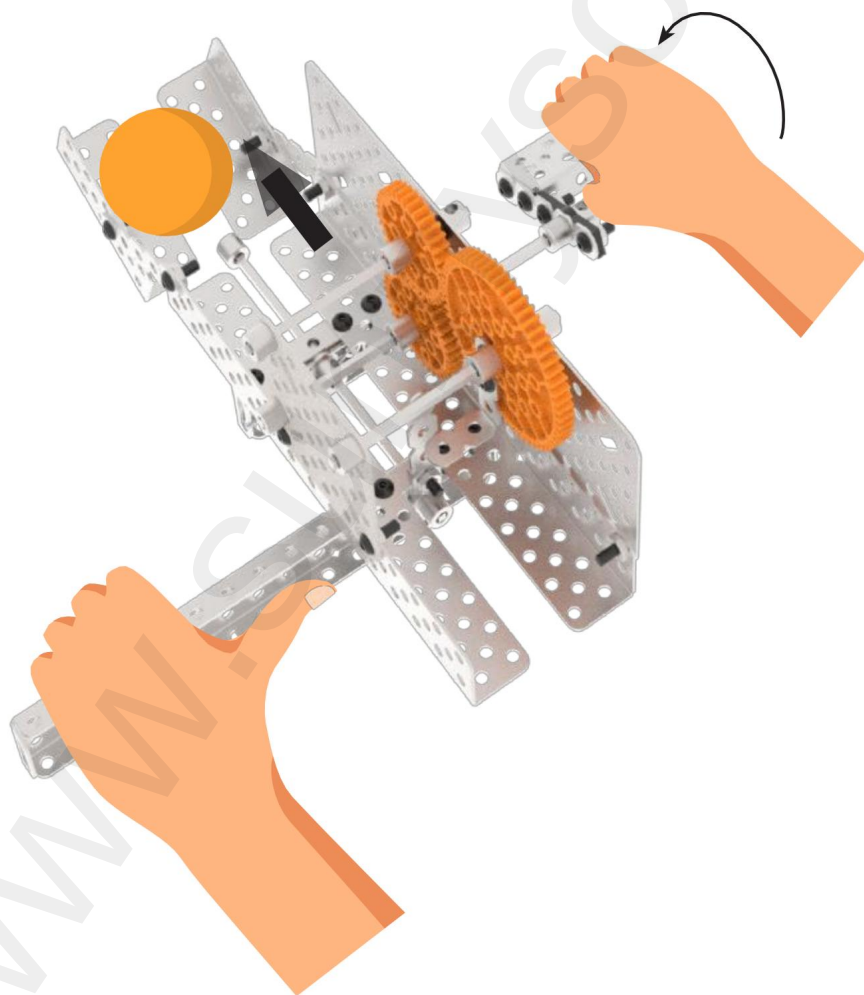
14





Как се играе

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



И мате ли проблеми?

Наша техническа поддръжка е на ваше разположение през тези часове

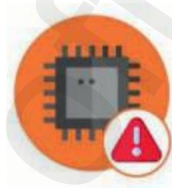
- от понеделник до събота: от 9:00 до 20:00 часа,
неделя и 3-та събота: от 9:00 до 18:00 часа



Софтуерни проблеми



Проблеми с използваемостта



Хардуерни проблеми

Сканирайте QR кода, за да се свържете с поддръжката.



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Доставчик/Дистрибутор

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